



Submitted to
Holland Partner Group

Submitted by
AECOM
1501 4th Ave NE
Seattle, WA 98101
July 22, 2016

RECEIVED

By Alameda County Environmental Health 3:53 pm, Oct 28, 2016

Phase II Environmental Site Assessment Report

Douglas Parking Company Property
1721 Webster Street
Oakland, California

AECOM Job No. 60513727

July 22, 2016

Mr. Brian McKim
Director of Construction
Holland Partner Group
4301 Hacienda Drive, Suite 250
Pleasanton, California 94588

Report
Phase II Environmental Site Assessment
Douglas Parking Company Property
1721 Webster Street
Oakland, California

Dear Mr. McKim:

Presented in this report is AECOM's Phase II Environmental Site Assessment for the above-referenced property. This report presents the results of the soil and groundwater investigation conducted to assess the subsurface conditions at the 1721 Webster Street property owned by Douglas Parking Company. This assessment was performed in general accordance with AECOM's proposal dated July 6th and Change Order No.: 1 (Holland Project No.: HC10-PURS-NC).

AECOM appreciates the opportunity to assist you on this project. Please do not hesitate to contact us if you have any questions regarding this report or require additional assistance.

Very truly yours,
AECOM



Erik Skov
Senior Geologist; PG, CHG



David Raubvogel
Senior Geologist; PG, LHG

1 INTRODUCTION	1
1.1 Objectives and Scope of Work.....	1
1 INTRODUCTION	1
2 SITE DESCRIPTION AND PREVIOUS INVESTIGATIONS.....	2
2.1 Site Description	2
Table of Contents	
2.2 Topography.....	2
2.3 Previous Environmental Site Assessments.....	2
3 HYDROGEOLOGY.....	4
4 METHOD OF INVESTIGATION	5
4.1 Utility Clearance and Permitting	5
4.2 Soil and Groundwater Investigation	5
4.2.1 Soil and Grab Groundwater Sampling.....	5
4.2.1.1 Direct Push Borings	5
4.2.1.2 Groundwater Grab Sampling	6
4.2.1.3 Analytical Program.....	6
4.2.1.4 Sample Quality Assurance/Quality Control Procedures.....	6
5 FINDINGS.....	7
5.1 Subsurface Conditions	7
5.2 Soil Analytical Results.....	7
5.2.1 Total Petroleum Hydrocarbons, VOCs, Pesticides, PCBs and Semi-VOCs.....	7
5.2.2 Metals.....	7
5.3 Groundwater Analytical Results	7
6 CONCLUSIONS AND RECOMMENDATIONS	9
6.1 Soil.....	9
6.2 Groundwater	10
6.3 Recommendations.....	10
7 LIMITATIONS.....	12
8 REFERENCES	13

List of Appendices

Appendix A – Selected Portion of Prior Environmental Reports

Appendix B – Boring Logs

Appendix C – Laboratory Analytical Reports

List of Tables

Table 1 – Sample Location Rationale

Table 2 – Soil Analytical Results – Total Petroleum Hydrocarbons and Volatile Organic Compounds

Table 3 – Soil Analytical Results – Metals

Table 4 – Groundwater Analytical Results - Total Petroleum Hydrocarbons and Volatile Organic Compounds

List of Figures

Figure 1 – Site Location Map

Figure 2 – Site Vicinity Plan

Figure 3 – Site Plan

1 INTRODUCTION

AECOM was retained by Holland Partner Group (Holland) to perform a Phase II Environmental Site Assessment (ESA) at the Douglas Parking Company property located at 1721 Webster Street (Site) in the City of Oakland, Alameda County, California (Figure 1). The scope of work was developed based on previous environmental investigations and the recent Phase I ESA performed by AECOM concurrently with this investigation. AECOM understands that Holland is considering acquisition of the property and desired a Phase II ESA for due diligence purposes to document current environmental conditions and further assess known environmental and potential subsurface impacts at the Site. The report presents background information regarding the Site, the purpose and scope of the subsurface investigation, and our findings and conclusions.

1.1 Objectives and Scope of Work

Based on the findings of the AECOM Phase I ESA, an assessment of the property was advised to further evaluate identified recognized environmental conditions (RECs). The primary objectives of the proposed Phase II ESA were to 1) Assess the baseline soil and groundwater conditions at the Site and 2) Assess potential areas of environmental concern identified during the Phase I ESA including: in ground hydraulic lifts (and auto servicing), former underground storage tanks (USTs) and associated former fuel pump, adjacent dry cleaner operations, and historic service station operations located north of the Site and on the east side of Webster Street (1700/1710 Webster Street). To accomplish these objectives, AECOM implemented the following scope of work:

- Advanced 10 direct push Geoprobe[®] borings (borings SB-1 through SB-10) for collection of soil and grab groundwater samples for chemical analysis.
- Analyzed select soil and grab groundwater samples for volatile organic compounds (VOCs) and Total Petroleum Hydrocarbons (TPH) as gasoline (TPH-g) by EPA Method 8260B, as diesel (TPH-d), motor oil (TPH-mo), and hydraulic oil (TPH-ho) by EPA Method 8015B, Title 22 metals by EPA Method 6010B, semi-volatile organic compounds (SVOCs) by Method 8270B, organochlorine pesticides by EPA Method 8081, and polychlorinated biphenyls (PCBs) by EPA Method 8082.
- Prepared this report presenting our findings and conclusions regarding the environmental conditions at the Site.

2 SITE DESCRIPTION AND PREVIOUS INVESTIGATIONS

2.1 Site Description

The Site is located at 1721 Webster Street in Oakland, CA (Figure 1). The subject property consists of two parcels totaling approximately 0.52-acres developed with a parking garage located between 17th and 19th Street. The Site is bounded by Webster Street to the east, a surface parking lot to the north and by retail and office buildings to the south and west (Figure 2). A dry cleaner is located in the adjacent building to the south (1706 Franklin Street) near the southwestern corner of the Site (Figure 2).

The south subject parcel has been assigned Alameda County Assessor's Parcel No. (APN): 008 062400700, and the north parcel is 008 062400600. Site improvements include two slab-on-grade buildings constructed in 1930. The southern half is a single story and the northern half is two stories. The building footprint occupies the entire subject property. The buildings are constructed of cinder block and brick walls and have wooden trusses supporting wooden roofing systems. The main entrance of the garage is off of Webster Street.

2.2 Topography

Based on the United States Geological Survey (USGS) topographic map (Figure 1), the site elevation is approximately 35 feet above mean sea level (msl). The Site is generally flat with a slight gradient to the north and east. The nearest surface water body is the Lake Merritt which is located approximately 1400 feet to the northeast of the site (Figure 1).

2.3 Previous Environmental Site Assessments

Environmental investigations and cleanup actions have been performed at the Site in association with the removal of underground storage tanks (USTs). Three gasoline USTs (1000 gallon and two 500 gallon) were removed from the eastside of the property (Figure 3) in 1992 and elevated concentrations of gasoline range petroleum and benzene were detected in the soil and groundwater (Pangea, 2014). Investigations conducted between 1994 and 2003 included soil borings and the installation of seven groundwater monitoring wells (MW-1 to MW-7). One monitoring well (MW-1) is located beneath the building and the remainder are located along the sidewalk (MW-2, MW-3, MW-5 and MW-7) and on the east side of Webster Street (MW-4 and MW-6, see Appendix A). Most of the wells are screened between 15 to 30 feet below ground surface (bgs).

Groundwater remedial actions were implemented to address the gasoline contamination including enhanced biodegradation, in situ chemical oxidation (ISCO) and air sparging (AS). One soil vapor extraction (SVE) well was also installed beneath the sidewalk on the eastside of the property (Appendix A). The AS/SVE system operated from approximately 2007 to 2010. More recently in 2014, Pangea conducted a Data Gap Assessment to address Alameda County Environmental Health (ACEH) request for additional site information. The investigation included soil, groundwater and sub-slab soil gas sampling (Pangea, 2014). Generally low concentrations of gasoline contamination were identified during this assessment. However, groundwater monitoring conducted in 2015 detected concentrations of gasoline range petroleum and benzene in wells MW-2, 3 and 6 (Figure 3) that remain above applicable environmental screening levels (ESLs). The petroleum hydrocarbon detections noted in monitoring well MW-4 and MW-6 located on the east side of Webster Street are believed to be related to other off site sources of contamination (former gas station at 1700 Webster Street). Selected soil and groundwater data from prior environmental reports is provided in Appendix A.

AECOM's Phase I ESA (AECOM, 2016) identified a number of potential environmental concerns and RECs associated with the Site, including: three in ground hydraulic hoists in the central portion of the building (Figure 3), indications of historic auto servicing within the building, residual soil contamination present adjacent to the eastern property boundary; groundwater monitoring wells on the subject property, up and cross gradient dry cleaner, and along the eastern property boundary, former USTs and suspect hazardous building materials (asbestos, lead-based paint). ACEH is assessing closure of the Site Fuel Leak Case No. R00000129 under the SWRCB Low Threat UST Case Closure Policy (LTCP). Based on an April 2016 email from the agency to Pangea, additional subslab soil gas sampling and a sensitive receptor survey were requested by the agency. Pangea subsequently prepared a Data Gap Work Plan that was submitted to the ACEH in June 2016 (Pangea, 2016). The work plan presented the findings of the sensitive receptor survey and also outlined proposed subslab gas sampling (resampling existing subslab probes SS-2 and SS-3), sampling of existing groundwater monitoring wells and the installation of two soil gas probes to 6 feet bgs to investigate conditions deeper than the subslab probes. T

3 HYDROGEOLOGY

Based on the prior and current site investigations, the site is underlain by sand fill to approximately 3 to 5 feet below ground surface (bgs). Natural soil beneath the fill consists of sand including silty and clayey sand with some small clayey zones consisting of sandy clay. Groundwater in site investigation monitoring wells has been encountered at depths ranging from approximately 13.6 feet to 23.6 feet bgs during groundwater monitoring of the Site monitoring well network since 1994. Based on historic groundwater elevation data, the groundwater gradient has been inferred to be northerly to northeasterly consistent with the local topography.

4 METHOD OF INVESTIGATION

4.1 Utility Clearance and Permitting

AECOM surveyed the Site for overhead and underground utilities prior to conducting the work. Underground Service Alert of Northern California and Nevada (USA) was contacted prior to initiating subsurface activities. A private utility survey was also conducted by Safe2Core of San Jose, California, to identify subsurface utilities in the vicinity of the proposed borings locations. Each boring location was further cleared using a hand auger completed to approximately 5 feet bgs. AECOM obtained a drilling permit from the Alameda County Public Works Agency (ACPWA) for the soil boring activities at the Site. The permit (Permit Number: W2016-0492) conditions were met and documentation regarding boring decommissioning/grouting was provided to ACPWA in an email from Erik Skov on July 22, 2016.

4.2 Soil and Groundwater Investigation

The rationale for the boring locations is summarized in Table 1, and boring locations are shown on Figure 3. The subsurface investigation was completed from July 11th through 13th, 2016. Drilling and sampling services were provided by PeneCore Drilling of Woodland, California. Borings SB-1 through SB-9 were advanced to depths ranging from 15 to 25 feet bgs using a direct push rig. Soil boring SB10 was complete to 5 feet bgs. Soil and grab groundwater sampling methods and procedures are outlined below.

4.2.1 Soil and Grab Groundwater Sampling

4.2.1.1 Direct Push Borings

A total of 10 borings were advanced at the Site as shown in Figure 3. The soil borings were advanced using a DPT rig to evaluate subsurface lithology and collect soil and grab groundwater samples for field screening and chemical analysis. Penecore used Geoprobe™ drilling equipment that utilizes a “dual tube” system. The dual tube system advances a larger outer casing along with a smaller diameter inner casing that collects the soil core. The soil core was contained in an acetate liner inside of the smaller diameter casing.

After clearing each boring location to 5 feet bgs, continuous soil cores were collected from the borings. Soils were logged by an AECOM geologist in accordance with the Unified Soil Classification System (USCS). The soils were also examined for the presence any discoloration and odors. Field screening included headspace measurements for organic vapors in soil samples using a photo ionization detector (PID). The highest PID readings were recorded on the boring log for each headspace sample. Detailed field logs of each boring noting soil type, soil color, groundwater depth, moisture, and density are provided in Appendix B.

Three soil samples from depths ranging between 1 and 15 feet bgs were collected from each boring for chemical analysis. Soil samples for TPH-g and VOC analysis were collected using single-use Terra Core samplers and were transferred directly to glassware containing the appropriate preservative (deionized water/methanol). Soil samples for TPH-d, TPH-mo, TPH-ho, pesticide, PCB, SVOC, and metals analyses were collected into 8-ounce-wide mouthed glass jars with a Teflon® lined plastic lid. All sample containers were labeled and placed under chain of custody in a chilled cooler. All soil samples were submitted to TestAmerica Laboratories, Inc. (TestAmerica) for laboratory analysis.

Following the completion of each boring, the borehole was backfilled by tremie grouting with Portland Type II cement grout to approximately 6 inches below grade. The top 6 inches of the borehole was capped with concrete. Because the work was conducted after business hours, grouting activities were not conducted in the presence of an ACPWA

inspector, as usually required by condition of the drilling permit. Photograph documentation of the grouting activities was subsequently provided to the ACPWA via email.

The drilling equipment was decontaminated between each boring location using a steam cleaner. Decontamination water and soil cuttings were collected and stored in Department of Transportation (DOT) approved 55-gallon drums pending disposal profiling analysis.

4.2.1.2 Groundwater Grab Sampling

Groundwater grab samples were collected from first encountered groundwater in selected borings (SB-1, SB-2, SB-4, SB-7 and SB-9). The groundwater samples were collected after the boring reached a total depth of approximately 25 feet bgs and a 1-inch-diameter polyvinyl chloride (PVC) slotted well screen (0.010-inch) and blank casing was inserted into the borehole. Dedicated polyethylene tubing was placed inside the PVC tubing so that the intake end of the tubing was situated adjacent to the screened interval exposed to the formation. A peristaltic pump was used to purge a small amount of groundwater (approximately 1.0 liter) prior to the collection of the sample. The groundwater sample was collected directly from the pump discharge into laboratory glassware containing the appropriate preservative, where required. Purge water was collected and stored in DOT approved 55-gallon drums pending disposal profiling analysis.

4.2.1.3 Analytical Program

Selected soil and groundwater samples were submitted to TestAmerica, a State of California Department of Public Health-certified laboratory for analysis. All soil samples were analyzed for TPH-g and VOCs by EPA Method 8260B; TPH-d and TPH-mo by EPA Method 8015B; and metals by EPA Method 6010B. Select samples were also analyzed for organochlorine pesticides (Method 8081A), PCBs (Method 8082), and SVOCs (Method 8270C). Groundwater samples were analyzed for TPH-g, TPH-d, TPH-o, VOCs and dissolved metals. The laboratory analytical data was validated by an AECOM chemist and no data usability issues were identified. The laboratory analytical reports are provided in Appendix C

4.2.1.4 Sample Quality Assurance/Quality Control Procedures

Proper chain-of-custody and sample tracking protocol were followed during sample collection. Quality Assurance/Quality Control (QA/QC) procedures were followed during this project. The QA/QC procedures included the use of trip blanks for groundwater samples. Batch matrix spike/matrix spike duplicate (MS/MSD) samples were selected and analyzed by the laboratory.

5 FINDINGS

5.1 Subsurface Conditions

The Site is underlain by a surficial layer of fill consisting of sands that is up to approximately 5 feet thick. The fill is underlain by natural soil consisting of sands including silty sand and clayey sand (Appendix B). Groundwater was typically encountered in the borings at depths ranging from approximately 21 to 22 feet bgs.

The soil field screening results are provided on the boring logs presented in Appendix B. During field screening of soils, PID readings were generally 0 part per million (ppm) with the exception of SB-7, which had one PID reading up to 12 ppm at a depth of approximately 21 feet bgs and a petroleum odor. No staining or odors were apparent in any of the other borings.

5.2 Soil Analytical Results

5.2.1 Total Petroleum Hydrocarbons, VOCs, Pesticides, PCBs and Semi-VOCs

A total of twenty eight (28) soil samples were analyzed and the results are summarized in Table 2. The TPH analytical results were compared with the San Francisco Bay Regional Water Quality Control Board (SFRWQCB) Environmental Screening Levels (ESLs) for shallow residential soils (SFRWQCB, 2016). Concentrations of TPH-d were detected above the laboratory level of reporting in samples SB-7 through SB-10 at concentrations ranging from 1.3 mg/kg (SB-7 at 6 feet bgs) to 7.9 mg/kg (SB-9 at 2 feet) which is below the ESL (230 mg/kg). TPH-g, TPH-mo, TPH-ho and VOCs were not detected in the twenty eight soil samples analyzed. Additionally, pesticides, PCBs, and SVOCs were not detected in the selected samples analyzed.

5.2.2 Metals

Twenty eight (28) soil samples were analyzed for Title 22 metals and the results are summarized in Table 3. Arsenic and cobalt were the only metals detected at concentrations exceeding the respective ESL. Arsenic concentrations ranged from 2.5 mg/kg (SB-1-3) to 5.4 mg/kg (SB-1-9) and are below the typically accepted naturally occurring background concentrations for arsenic in the Bay Area (e.g., 11 mg/kg; Duverge 2011). Cobalt was detected in two samples, SB-4 at 3 feet bgs (26 mg/kg) and SB-7 at 6 feet bgs (25 mg/kg) at concentrations exceeding the Residential Land Use (Shallow Soil) ESL of 23 mg/kg.

Concentrations of detected metals were also compared to California hazardous waste disposal criteria (Total and Soluble Threshold Limit Concentrations). With the exception of chromium, no metals were detected above disposal threshold criteria. Chromium was detected in eight (8) samples above 50 mg/kg which is the trigger criteria for chromium to run a Waste Extraction Test (WET) to determine if soluble concentrations of chromium exceed the Soluble Threshold Limit Concentration (STLC). If concentrations of chromium in the WET exceed the STLC, the soil would be considered a California Hazardous Waste for disposal purposes.

5.3 Groundwater Analytical Results

Groundwater grab samples were collected from borings SB1, SB2, SB4, SB7 and SB9 and analyzed for TPH-g; TPH-d, TPH-mo and VOCs. In addition, the samples were also analyzed for dissolved metals. The analytical results are summarized in Tables 4 and 5. TPH-d (140 µg/L), TPH-ho (200 µg/L) and TPH-mo (210 µg/L) were detected in SB-2. TPH-g was detected in SB-7 at a concentration of 830 µg/L. Low concentrations of eight VOCs were also detected in SB-7, including petroleum related VOCs (e.g., ethylbenzene, toluene and xylenes) and two chlorinated VOCs

(trichloroethene (TCE) and tetrachloroethene (PCE)). None of the VOCs exceeded applicable RWQCB Groundwater Vapor Intrusion Human Health Screening Levels. Additionally, PCE was also detected at low concentrations in the grab groundwater samples from borings SB-4 and SB-9. None of the VOC concentrations exceeded their applicable RWQCB Groundwater Vapor Intrusion Human Health Screening Levels.

Dissolved metals were detected in a number of the groundwater samples. Low level exceedances of the RWQCB ESLs for arsenic (SB-7), cobalt, (SB-4 and SB-9) lead (SB-7), mercury (SB-4) and molybdenum (SB-1, SB-2 and SB-9) were noted in the grab groundwater samples. However, it should be noted that the RWQCB Tier 1 ESLs are also based on eco-toxicity, for which there are no ecological receptors on the Site as it is completely developed with the existing structure. With the exception of arsenic in one grab groundwater sample (SB-7), none of the dissolved metals concentrations exceeded the California State Maximum Contaminant Level (MCL) criteria. The MCL is an enforceable drinking water standard promulgated by the State.

6 CONCLUSIONS AND RECOMMENDATIONS

The results of the Phase II ESA indicated that historic automobile servicing and repair operations appear to have impacted the soil and groundwater quality in the eastern portion of the Site. Concentrations of petroleum hydrocarbons and some metals exceed their established ESLs in soil and groundwater at several locations of the Site. Based on these results AECOM has the following conclusions and recommendations.

6.1 Soil

- Low concentrations of diesel range petroleum hydrocarbons (1.0 mg/kg to 7.9 mg/kg) were detected in borings SB-7 through SB-10 from 1 to 13 feet in depth. With the exception of SB-7, no field screening evidence of petroleum hydrocarbon or VOC contamination (e.g., no odor, staining or PID readings) was noted the borings. Pesticides, PCBs and SVOCs were not detected in any of the soil samples analyzed for these analytes. Based on these results, no significant contamination was identified in the site soils. Based on historic site data, petroleum impacted soils likely remain beneath the sidewalk in the former UST area and the adjacent retail space along the eastern side of the building (Figure 3).
- The soil contamination noted at SB-7 (Figure 3) at approximately 20 feet bgs appears to be associated with down gradient contaminant migration within the groundwater table (aka, smear zone). Petroleum hydrocarbon contamination was not detected during field screening in borings SB-4 and SB-9 completed to the groundwater table to the west of the former UST area. Based on these observations it appears that the contamination within the saturated zone is limited to the eastern portion of the site (Figure 3).
- The soil sampling conducted in the vicinity of the in ground hydraulic lifts (SB-8 and SB-9) did not identify evidence of a release of hydraulic fluid/oil. Although no contamination was noted, there is a potential for leakage from these historic features to have affected the soils in the vicinity of the hoist cylinders.
- Petroleum and chlorinated related VOCs were not detected in the site soils in the ten borings completed during this investigation. Based on these findings, significant levels of gasoline range TPH do not appear to exist beyond the eastern portion of the property. PCE and its common degradation product (e.g., TCE) were not detected in the Site soils which would indicate that any dry cleaning solvent releases associated with the adjacent dry cleaner have not impacted the Site soil conditions.
- Arsenic concentrations exceeding the Residential Land Use (Shallow Soil) ESL were noted in four of the borings. The concentrations of arsenic are considered to be within the range of accepted background concentrations for arsenic in the Bay Area. Cobalt was detected in two samples (SB-4 at 3 feet bgs and SB-7 at 6 feet bgs) at concentrations slightly exceeding Residential Land Use (Shallow Soil) ESL. Cobalt occurs naturally in soils and is not believed to be a site contaminant. These levels are consistent with the upper estimate of regional background noted in the Bay Area (Lawrence Berkeley National Lab, 2009).++
- Based on the prior and current soil data, it appears that shallow soil contamination is present in the unsaturated and saturated zone soils in the former UST area which extends beneath the eastern portion of the building. (Figure 3). Significant soil contamination was not identified outside of this area based on the soil and groundwater sampling results.

6.2 Groundwater

- Gasoline (830 µg/L) and diesel (200 µg/L) range petroleum hydrocarbons concentrations detected in groundwater at SB-7 exceeded their respective RWQCB Direct Exposure Human Health Risk Screening Levels. There are no RWQCB Groundwater Vapor Intrusion Human Health Risk Screening Levels for gasoline or diesel range petroleum hydrocarbons. The diesel detections in this sample appear to be weathered gasoline and not a diesel product (Table 3). Common petroleum related VOCs (e.g., toluene, ethylbenzene, and xylenes) were also detected in this sample. SB-7 is located approximately 35 feet downgradient of monitoring well MW-2 (Figure 3). Sampling of MW-2 conducted in July 2015 detected gasoline range petroleum at a concentration of 770 µg/L (Pangea, 2015) which is consistent with the concentrations detected at SB-7. Based on these data, concentrations of gasoline range petroleum exceeding the RWQCB Direct Exposure Human Health Risk Screening Level likely exist off site to the north (parking lot) and east (Webster Street). Significantly higher concentrations of gasoline constituents have been documented across Webster Street which appears to be associated with a former gasoline service station at 1700 Webster Street (Figure 2) and not associated with the former Site USTs.
- Low concentrations of PCE were detected in samples collected from SB-4, SB-7 and SB-9 ranging from 0.81 µg/L to 2.4 µg/L. TCE was also detected (1.9 µg/L) in SB-7 and is a common degradation product of PCE. The low levels of the chlorinated VOCs are likely associated with the upgradient dry cleaner operations (Figure 2). The concentrations of PCE and TCE detected in groundwater are below their respective RWQCB Groundwater Vapor Intrusion Human Health Risk Screening Levels but exceed their respective RWQCB Direct Exposure Human Health Risk Screening Levels. Risk to site construction workers would be low based on the depth to groundwater and the proposed depth of the planned development foundation which will not extend into the groundwater table.
- Dissolved concentrations for arsenic, cobalt, lead, mercury, molybdenum and nickel were detected slightly above their respective Direct Exposure Human Health Risk Screening Level. The metals detected in groundwater were also detected in the soils and their presence in groundwater may be naturally occurring. With the exception of the one arsenic detection (0.014 mg/L) in SB-7, no other metals were detected above their respective California MCL, where MCL values exist.

6.3 Recommendations

- Because the Site is an active leaking underground storage tank (LUST) site with concentrations of petroleum hydrocarbons in shallow soil, we recommend the preparation of a Soil and Groundwater Management Plan establishing procedures to ensure protection of workers and the environment. If new or more significant contamination is encountered during site redevelopment earthwork, Holland shall confirm that any cleanup actions are performed consistent with applicable laws and local agency requirements as required
- Holland should obtain the most recent environmental reports prepared by for Douglas Parking that address the ACEH request for additional subslab sampling and a sensitive receptor report as outlined in the April 20, 2016 email from Karel Detterman ACEH to Bob Clark-Riddell of Pangea.
- We advise analyzing the eight (8) samples with chromium levels above 50 mg/kg for a Waste Extraction Test (WET) to determine if soluble concentrations of chromium exceed the Soluble Threshold Limit Concentration (STLC).

7 LIMITATIONS

This Phase II ESA has been prepared for the exclusive use of Holland Partner Group who currently intends to purchase the property for redevelopment. This Phase II ESA was prepared in accordance with the Scope of Services described in AECOM's proposal. The work conducted by AECOM is limited to the services agreed to with Holland Partner Group, and no other services beyond those explicitly stated should be inferred or are implied.

The conclusions presented in this report are professional opinions based solely upon the indicated data described in this report. They are intended exclusively for the purposes outlined herein and the subject property location and project indicated.

It should be recognized that this study was not intended to be a definitive investigation of contamination at the subject property and the conclusions provided are not necessarily inclusive of all the possible conditions. Given that the scope of services for this investigation was limited, it is possible that currently unrecognized subsurface contamination may exist at the subject property.

Opinions and recommendations presented herein apply to the subject property conditions existing at the time of our site investigation and cannot necessarily apply to subject property changes of which AECOM is not aware and has not had the opportunity to evaluate. Changes in the conditions of this property may occur with time due to natural processes or the works of man on the subject property or adjacent properties. Changes in applicable standards may also occur as a result of legislation or the broadening of knowledge. Accordingly, the findings of this report may be invalidated, wholly or in part, by changes beyond our control.

AECOM's objective is to perform our work exercising the customary standard of care, in accordance with the standard for professional services for a national consulting firm at the time these services are provided. It is important to recognize that even the most comprehensive scope of services may fail to detect adverse environmental conditions on a particular site. Therefore, AECOM cannot act as insurers and cannot "certify or underwrite" that a site is free of environmental contamination, and no expressed or implied representation or warranty is included or intended in our reports except that our work was performed, within the limits prescribed by our client, in accordance with the customary and professional standard of care described herein.

8 REFERENCES

AECOM, 2016. Phase I Environmental Site Assessment; Douglas Parking Company Property. July

Alameda County Environmental Health, 2016. E-mail regarding Fuel Leak Case No. RO0000129 and GeoTracker Global ID T0600100140. Douglas Parking Company. April 20.

California Department of Water Resources (DWR), Bulletin No. 118 - Update 2003, California's Groundwater, October.

California Regional Water Quality Control Board – San Francisco Bay Region (SFRWQCB, 2016). Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater, December.

Duverge; Dylan Jacques. 2011. Establishing Background Arsenic in Soil of the Urbanized San Francisco Bay Region. San Francisco State University.

Lawrence Berkeley National Laboratory, 2009. Analysis of Background Distribution of Metals in Soil at Lawrence Berkeley Laboratory. April.

Pangea Environmental Services, 2014. Data Gap Site Assessment Report; Douglas Parking Company 1721 Webster, Oakland, CA. ACEH File No. 129. January 22.

Pangea Environmental Services, 2015. Groundwater Monitoring Report – Second Half 2015 ; Douglas Parking Company 1721 Webster, Oakland, CA. ACEH File No. 129. January

Pangea Environmental Services, 2016. Data Gap Work Plan; Douglas Parking Company 1721 Webster, Oakland, CA. ACEH File No. 129. June 21.

TABLES

Table 1
Sample Location Rationale
1721 Webster Street
Oakland, CA

Boring ID	Rationale	Media		Analytical Parameters							
		Soil	Groundwater	Soil					Groundwater		
				TPH-g/TPH-d/TPH-mo	VOCs	Metals	PCBs	Pesticides	TPH-g/TPH-d/TPH-mo	VOCs	Metals
SB-1	Assess potential impacts from dry cleaner operations southwest of subject property	3	1	3	3	3	1	1	1	1	2
SB-2 & SB-3	Assess potential impacts from historical site use (Automobile Servicing)	6	1	6	6	6	2	2	1	1	2
SB-4, SB-5, & SB-7	Assess extent of contamination associated with former USTs	9	2	9	9	9	3	3	2	2	4
SB-6	Assess baseline soil conditions on subject property	3	0	3	3	3	1	1	0	0	0
SB-8 & SB-9	Assess soil and groundwater conditions adjacent to inground hydraulic lifts	6	1	6	6	6	2	2	1	1	2
SB-10	Assess shallow soil quality in dumpster area	1	0	1	1	1	1	1	0	0	0
MW-1	Assess current groundwater quality to include chlorinated VOCs	0	1	0	0	0	0	0	1	1	2

Notes:

TPH-g = Total Petroleum Hydrocarbons as Gasoline (EPA Method 8260B) ; TPH-d = Total Petroleum Hydrocarbons as diesel (EPA Method 8015B)
 TPH-mo = Total Petroleum Hydrocarbons as motor oil (EPA Method 8015B); TPH-ho = Total Petroleum Hydrocarbons as hydraulic oil (EPA Method 8015B)
 VOCs = volatile organic compounds (EPA Method 8260B)
 Metals = Title 22 Metals (EPA Method 6010B and 7470/7471)
 PCBs = Polychlorinated Biphenyls (EPA Method 8082)
 Pesticides= Organochlorine pesticides (EPA Method 8081)

Table 2
Soil Analytical Results - Organics
1721 Webster St
Oakland, CA

Sample Location	Sample Depth (ft bgs)	Sample Date	TPH (mg/kg)			VOCs (ug/kg)	Pesticides (ug/kg)	PCBs (ug/kg)	PAHs (mg/kg)
			Gasoline-Range	Diesel-Range	Motor Oil-Range				
SB-1	3	7/12/2016	0.210 U	0.99 U	50 U	ND	ND	ND	ND
	9	7/12/2016	0.190 U	0.99 U	50 U	ND	--	--	--
	15	7/12/2016	0.180 U	1.0 U	50 U	ND	--	--	--
SB-2	4	7/11/2016	0.220 U	0.99 U	49 U	ND	ND	--	--
	10	7/11/2016	0.180 U	0.99 U	50 U	ND	--	--	ND
	15	7/11/2016	0.180 U	1.0 U	50 U	ND	--	ND	--
SB-3	2	7/12/2016	0.200 U	1.0 U	50 U	ND	ND	ND	ND
	7	7/12/2016	0.180 U	1.0 U	50 U	ND	--	--	--
	14	7/12/2016	0.180 U	1.0 U	50 U	ND	--	--	--
SB-4	3	7/12/2016	0.180 U	0.99 U	50 U	ND	ND	--	--
	10	7/12/2016	0.170 U	1.0 U	50 U	ND	--	--	ND
	15	7/12/2016	0.180 U	0.99 U	50 U	ND	--	--	--
SB-5	5	7/12/2016	0.200 U	1.0 U	50 U	ND	ND	--	ND
	9	7/12/2016	0.160 U	0.99 U	49 U	ND	--	--	--
	14	7/12/2016	0.180 U	0.99 U	50 U	ND	--	--	--
SB-6	3	7/13/2016	0.230 U	1.0 U	50 U	ND	ND	ND	--
	10	7/13/2016	0.180 U	0.99 U	49 U	ND	--	--	--
	15	7/13/2016	0.190 U	1.0 U	50 U	ND	--	--	--
SB-7	1	7/12/2016	0.220 U	1.0 U	50 U	ND	ND	ND	--
	6	7/12/2016	0.180 U	1.3	49 U	ND	--	--	ND
	12	7/12/2016	0.210 U	1.0 U	50 U	ND	--	--	--
SB-8	1	7/11/2016	0.250 U	2.8	50 U	ND	ND	--	ND
	8	7/11/2016	0.170 U	0.99 U	50 U	ND	--	ND	--
	13	7/11/2016	0.200 U	1.0	50 U	ND	--	--	--
SB-9	2	7/11/2016	0.220 U	7.9	50 U	ND	ND	--	--
	6	7/11/2016	0.170 U	1.0 U	50 U	ND	--	--	--
	14	7/11/2016	0.190 U	0.99 U	49 U	ND	--	ND	ND
SB-10	1	7/13/2016	0.220 U	2.6	50 U	ND	ND	ND	ND
ESL Residential Land Use (Shallow Soil)¹			740	230	11,000	various	various	various	various

Notes:

1. San Francisco Bay Regional Water Quality Control Board, Environmental Screening Levels, Table S-1; Shallow Soils, Residential Land Use, February 2016 Edition.

Abbreviations and Symbols:

- ft bgs = feet below ground surface
- mg/kg = milligram per kilogram
- ND = not detected at or above the laboratory reporting limit
- PAH = polycyclic aromatic hydrocarbon
- TPH = total petroleum hydrocarbon
- U = not detected at or above the laboratory reporting limit shown
- ug/kg = microgram per kilogram
- VOC = volatile organic compound
- = not analyzed

Table 3
Soil Analytical Results - Metals
1721 Webster St
Oakland, CA

Sample Location	Sample Depth (ft bgs)	Sample Date	Metals (mg/kg)										
			Arsenic (As)	Barium (Ba)	Beryllium (Be)	Chromium (Cr)	Cobalt (Co)	Copper (Cu)	Lead (Pb)	Mercury (Hg)	Nickel (Ni)	Vanadium (V)	Zinc (Zn)
SB-1	3	7/12/2016	2.5 U	48	0.25 U	31	2.8	7.0	5.4	0.029	15	20	22
	9	7/12/2016	5.4	53	0.30 U	49	11	12	3.6	0.051	46	38	32
	15	7/12/2016	3.6 U	62	0.36 U	62	6.8	6.8	1.9	0.032	44	31	23
SB-3	2	7/12/2016	2.7 U	62	0.27 U	31	3.2	6.8	2.8	0.030	14	21	16
	7	7/12/2016	2.8 U	100	0.28 U	84	5.8	13	3.8	0.052	56	32	28
	14	7/12/2016	3.4	43	0.23 U	49	6.0	5.0	1.6	0.023	38	31	19
SB-4	3	7/12/2016	3.8	68	0.25 U	37	26	7.8	2.9	0.033	27	40	14
	10	7/12/2016	2.9	86	0.27 U	58	6.9	12	3.6	0.045	37	38	27
	15	7/12/2016	3.4 U	47	0.34 U	60	6.2	5.6	1.7 U	0.028	44	35	20
SB-5	5	7/12/2016	3.4	59	0.30 U	45	7.3	9.5	3.2	0.030	42	32	22
	9	7/12/2016	2.9	98	0.24	60	7.1	13	3.5	0.048	42	38	30
	14	7/12/2016	3.5 U	46	0.35 U	48	5.2	5.2 U	1.7	0.022	36	30	18
SB-6	3	7/13/2016	3.5 U	55	0.35 U	32	2.4	5.3 U	3.4	0.024	13	21	13
	10	7/13/2016	3.4	87	0.30	45	12	12	3.8	0.057	44	37	29
	15	7/13/2016	3.7 U	42	0.37 U	50	6.9	5.6 U	1.9 U	0.019	45	31	22
SB-7	1	7/12/2016	3.4 U	52	0.34 U	37	4.9	7.7	3.9	0.024	15	24	19
	6	7/12/2016	3.9	87	0.32	61	25	13	4.6	0.034	50	41	29
	12	7/12/2016	3.4 U	48	0.34 U	48	6.2	5.3	1.7 U	0.072	42	32	21
SB-8	1	7/11/2016	3.3 U	120	0.33 U	34	8.2	9.1	20	0.072	16	24	34
	8	7/11/2016	2.5 U	76	0.25 U	64	7.2	13	3.4	0.14	49	28	26
	13	7/11/2016	3.3 U	35	0.33 U	57	6.8	5.3	1.8	0.022	46	32	21
SB-9	2	7/11/2016	3.4 U	73	0.34 U	34	3.4	8.3	7.9	0.021	15	20	17
	6	7/11/2016	2.9 U	71	0.29 U	47	6.6	8.4	2.7	0.031	41	31	20
	14	7/11/2016	3.5 U	46	0.35 U	41	5.9	5.2 U	1.7 U	0.018	34	30	18
SB-10	1	7/13/2016	3.2 U	99	0.32 U	35	4.4	11	33	0.11	18	22	37
ESL Residential Land Use (Shallow Soil) ¹			0.067	15,000	150	NV	23	3,100	80	13	820	140,000	23,000
Soluble Threshold Limit Concentration (STLC) ² mg/L			5.0	100	0.75	5.0	80	25	5.0	0.2	20	24	250
Total Threshold Limit Concentration (TTLC) ² mg/kg			500	10,000	75	2,500	8,000	2,500	1,000	20	2,000	2,400	5,000

Notes:

- San Francisco Bay Regional Water Quality Control Board, Environmental Screening Levels, Table S-1; Shallow Soils, Residential Land Use, February 2016 Edition.
- STLC and TTLC, State of California, Chapter 11, Article 3, July 2005 Edition.

Abbreviations and Symbols:

- ft bgs = feet below ground surface
- mg/kg = milligram per kilogram
- NV = no value
- U = not detected at or above the laboratory reporting limit shown

Green = Detection above laboratory reporting limits in exceedance of the RWQCB ESL

Table 4
Groundwater Analytical Results - Organics
1721 Webster St
Oakland, CA

Sample Location	Sample Date	TPH (ug/L)				VOCs (ug/L)													
		Gasoline-Range	Diesel-Range	Hydraulic Oil-Range	Motor Oil-Range	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Chloroform	Ethylbenzene	Isopropylbenzene	Naphthalene	n-Propylbenzene	Tetrachloroethene	Toluene	Trichloroethene	Total Xylenes		
SB-1	7/12/2016	50 U	52 U	--	100 U	1.0 U	1.0 U	1.0 U	2.8	0.50 U	0.50 U	1.0 U	1.0 U	0.50 U	0.50 U	0.50 U	1.0 U		
SB-2	7/11/2016	50 U	140	200	210	1.0 U	1.0 U	1.0 U	1.0 U	0.50 U	0.50 U	1.0 U	1.0 U	0.50 U	0.50 U	0.50 U	1.0 U		
SB-4	7/12/2016	50 U	51 U	50 U	100 U	1.0 U	1.0 U	1.0 U	1.0 U	0.50 U	0.50 U	1.0 U	1.0 U	2.4	0.50 U	0.50 U	1.0 U		
SB-7	7/12/2016	830	200 ³	--	100 U	3.2	2.3	2.7	1.0 U	7.8	26	3.3	31	0.81	0.61	1.9	12		
SB-9	7/11/2016	50 U	52 U	100 U	100 U	1.0 U	1.0 U	1.0 U	1.0 U	0.50 U	0.50 U	1.0 U	1.0 U	1.0	0.50 U	0.50 U	1.0 U		
RWQCB Groundwater Vapor Intrusion Human Health Screening Level (ug/L) ¹		NV	NV	NV	NV	NV	NV	NV	2.8	16.0	NV	25	NV	3.7	4,300	6.9	1,600		
RWQCB Direct Exposure Human Health RBSL		220	150	NV	NV ²	NV	NV	NV	0.23	1.5	NV	0.12	NV	0.06	150	0.49	190		

Notes:

- San Francisco Bay Regional Water Quality Control Board, Environmental Screening Levels, Table GW-3; Groundwater Vapor Intrusion Human Health Risk Screening Levels, Shallow Groundwater, Sand Scenario, Residential Land Use, February 2016 Edition.
- TPH motor oil is not soluble. TPH motor oil detections in water most likely are petroleum degradates or less likely NAPL. If the detections are degradates, add TPH motor oil and TPH diesel results and compare to TPH diesel criterion. See User's Guide Chapter 9 for further information.
- Pattern profile does not resemble the diesel standard pattern.

Abbreviations and Symbols:

- NV = no value
- TPH = total petroleum hydrocarbon
- U = not detected at or above the laboratory reporting limit shown
- ug/L = microgram per liter
- VOC = volatile organic compound
- = not analyzed
- Green = Detection above laboratory reporting limits in exceedance of the RWQCB Groundwater Vapor Intrusion Human Health Risk Screening Level or Maximum Contaminant Level

Table 5
Groundwater Analytical Results - Metals
1721 Webster St
Oakland, CA

Sample Location	Sample Date	Dissolved Metals (mg/L)								
		Arsenic (As)	Barium (Ba)	Chromium (Cr)	Cobalt (Co)	Lead (Pb)	Mercury (Hg)	Molybdenum (Mo)	Nickel (Ni)	Vanadium (V)
SB-1	7/12/2016	0.010 U	0.057	0.010	0.0020 U	0.0050 U	0.00020 U	0.013	0.010 U	0.010 U
SB-2	7/11/2016	0.010 U	0.052	0.014	0.0020 U	0.0050 U	0.00020 U	0.019	0.014	0.010
SB-4	7/12/2016	0.010 U	0.062	0.010 U	0.0057	0.0050 U	0.00021	0.010 U	0.038	0.010 U
SB-7	7/12/2016	0.014	0.054	0.010 U	0.0027	0.0062	0.00020 U	0.010 U	0.016	0.010 U
SB-9	7/11/2016	0.010 U	0.055	0.010 U	0.0032	0.0050 U	0.00020 U	0.013	0.028	0.010 U
RWQCB Groundwater Screening Level¹		0.010	1.0	0.050	0.0030	0.0025	0.000051	0.10	0.0082	0.019
California Maximum Contaminant Level		0.010	1.0	0.050	NV	0.015	0.0020	NV	0.10	NV

Notes:

1. San Francisco Bay Regional Water Quality Control Board, Tier 1 Environmental Screening Levels for Groundwater, February 2016 Edition.

Abbreviations and Symbols:

- mg/L = milligram per liter
- U = not detected at or above the laboratory reporting limit shown
- Green** = Detection above laboratory reporting limits in exceedance of the RWQCB Groundwater Screening Level or Maximum Contaminant Level

FIGURES

J:\DCS\Projects\Legacy_URS\Holland02 California\1721 Webster Oakland CA\060503032_GRF\X\60443680_01.ai

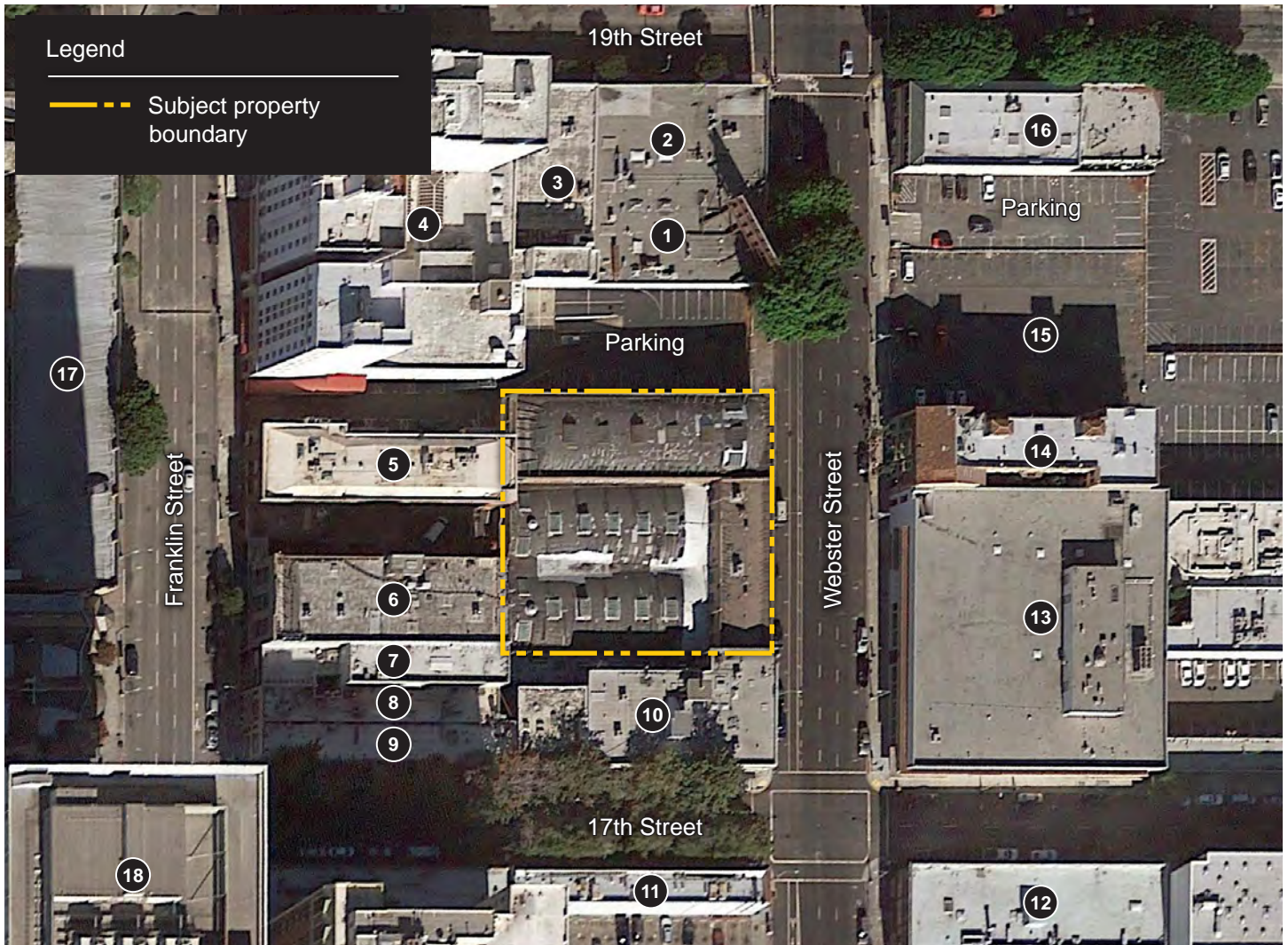


Source: USGS 7.5-minute topographic quadrangle, Oakland West, California, 2015



Scale in Feet

Figure 1
Site Location



Source: Google Earth Pro, image dated 10/30/15

Neighboring Properties

- | | | |
|---|---|---|
| <ul style="list-style-type: none"> 1 Davan Thai Cuisine, 1803 Webster Street 2 Burger Gourmet, 351 19th Street
Bar 353, 353 19th Street
Parlour Restaurant, 357 19th Street
Rotisserie Deli, 361 19th Street 3 Mama's Vietnamese Restaurant, 365 19th Street 4 The Leamington Building (Former Hotel Now Office Space), 1840 Franklin Street 5 Franklin Street, David Fong DDS, 1730 Franklin Street
Franklin Sequoia Healing Clinic, 1728 Franklin Street
CC Kitchen (Juice Bar), 1728A Franklin Street 6 Franklin, Mamacitas Café/UPS Store, 1714 Franklin Street 7 Franklin unknown, possibly Pangea Environmental Services, 1710 Franklin Street
Gene Waldman DDS, 1708 Franklin Street 8 Le Magic Cleaners, 1706 Franklin Street 9 Liba Falafel, 380 17th Street
Temple Tatoo, 384 17th Street
Oa LA LA Gift & Accessories, 386 17th Street
Unknown-Vacant, 388 and 390 17th Street | <ul style="list-style-type: none"> 10 Mona's Hair Design & Mimi's Beauty Supply, 350 17th Street
Regina's Door (Vintage Dress Boutique), 352 17th Street
Pho 84 (Vietnamese Restaurant), 354 17th Street
Mimi's Custom Design & Alteration, 360 17th Street
Beauty Salon, 370 17th Street
Showcase Wigs, 372 17th Street
Change Hair Studio, 374 17th Street
Vacant (former convenience store), 378 17th Street 11 Restaurants 12 Howden Building (Howden Market/Spice Monkey Restaurant/ Bike Shop/Hamburger Restaurant), 337 17th Street 13 American Cancer Society, 1700/1710 Webster Street 14 Mentone Apartments, 1732 Webster Street
Molcajete Restaurant, 1734 Webster Street 15 Douglas Parking | <ul style="list-style-type: none"> 16 Former Dai-Ten Japanese Restaurant), 1830 Webster Street
19th Street Station (Bar), 339 19th Street
Free Range Studios (Web Design), 343 19th Street
Wireless Options (mobile devices), 337 19th Street
Field Day Clothing Company, 329 19th Street
Vacant (former Bumas Pizza), 325 19th Street 17 Franklin Plaza Parking 18 First Church of Christ Scientist, 1701 Franklin Street |
|---|---|---|

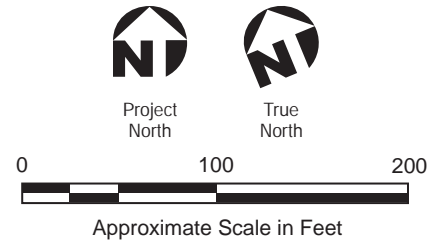
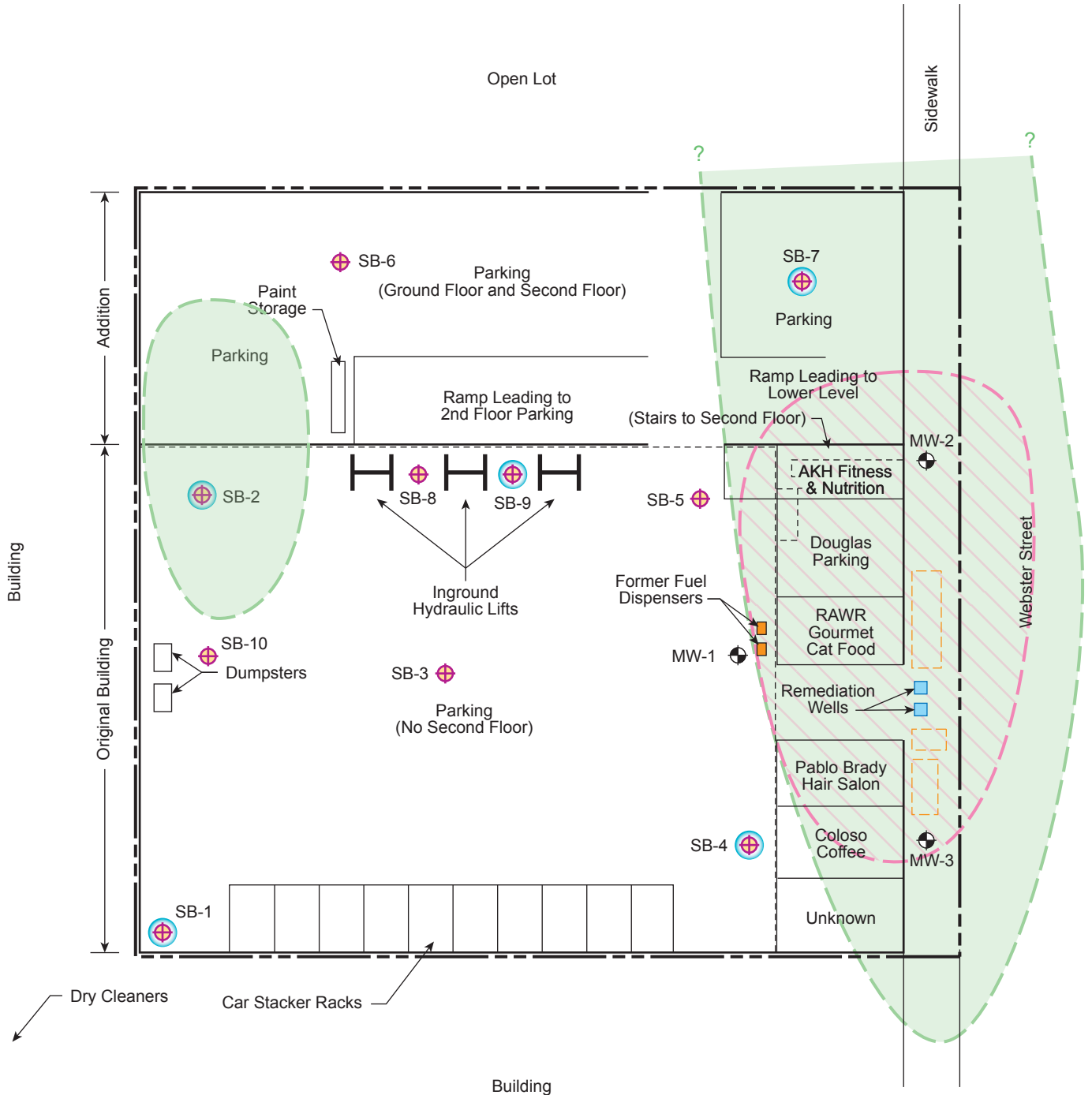


Figure 2
Site Vicinity



Legend

- Subject property boundary
- Existing monitoring well
- Soil boring location
- Soil boring location with grab groundwater sample
- Former underground storage tank
- Approximate area of TPH within the unsaturated zone
- Approximate area of TPH within the saturated zone

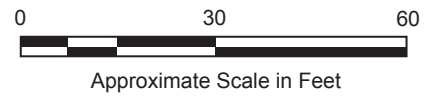


Figure 3
Site Plan

**Appendix A. Selected Portion of Prior
Environmental Documents**

**Leland Douglas
Douglas Parking Company
1721 Webster Street
Oakland, CA 94612**

Ms. Donna Drogos
Alameda County Environmental Health
1131 Harbor Bay Parkway, 2nd Floor
Alameda, California 94502

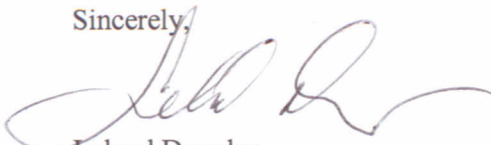
Re: **Douglas Parking Company**
1721 Webster Street
Oakland, California
ACEH File No. 129

Dear Ms. Drogos:

I, Mr. Leland Douglas, have retained Pangea Environmental Services, Inc. (Pangea) as the environmental consultant for the project referenced above. Pangea is submitting the attached report on my behalf.

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

Sincerely,



Leland Douglas



October 16, 2015

VIA ALAMEDA COUNTY FTP SITE

Ms. Karel Detterman
Alameda County Environmental Health
1131 Harbor Bay Parkway, 2nd Floor
Alameda, California 94502

Re: **Groundwater Monitoring Report – Second Half 2015**
Douglas Parking Company
1721 Webster Street
Oakland, California
ACEH File No. 129

Dear Ms. Detterman:

On behalf of the Douglas Parking Company, Pangea Environmental Services, Inc. has prepared this *Groundwater Monitoring Report – Second Half 2015* for the above referenced site. The report describes groundwater monitoring and sampling, subslab gas sampling and other site activities.

If you have any questions, please call me at (510) 435-8664.

Sincerely,
Pangea Environmental Services, Inc.

A handwritten signature in blue ink, appearing to read "Bob Clark-Riddell".

Bob Clark-Riddell, P.E.
Principal Engineer

Attachment: *Groundwater Monitoring Report – Second Half 2015*

cc: Mr. Lee Douglas, Douglas Parking Company, 1721 Webster Street, Oakland, California 94612
SWRCB Geotracker Database (electronic copy)

PANGEA Environmental Services, Inc.

1710 Franklin Street, Suite 200, Oakland, CA 94612 Telephone 510.836.3700 Facsimile 510.836.3709 www.pangeaenv.com



GROUNDWATER MONITORING REPORT - SECOND HALF 2015

**Douglas Parking Company
1721 Webster Street
Oakland, California
File No. 4070**

October 16, 2015

Prepared for:


Mr. Lee Douglas
1721 Webster Street
Oakland, California 94612


Prepared by:

Pangea Environmental Services, Inc.
1710 Franklin Street, Suite 200
Oakland, California 94612

Written by:




Morgan Gillies
Project Manager


Bob Clark-Riddell, P.E.
Principal Engineer

PANGEA Environmental Services, Inc.

INTRODUCTION

On behalf of Douglas Parking Company, Pangea Environmental Services, Inc. (Pangea), performed groundwater monitoring and sampling during this half year at the subject site (Figure 1). Current groundwater analytical results and elevation data are shown on Figure 2. Current and historical groundwater data are summarized on Table 1. Site remediation data are summarized on Table 2. During this reporting period, Pangea also collected warm season subsurface gas samples consistent with the ACEH letter dated September 13, 2013.

SITE BACKGROUND

The site is currently being utilized as a parking garage, and is located between 17th and 19th Streets in downtown Oakland, California, approximately four miles east of San Francisco Bay and one quarter of a mile west of Lake Merritt (Figure 1). The site is relatively flat with an elevation of approximately 30 feet (ft) above mean sea level (msl).

Several former underground storage tank (UST) sites are located close to the site, including Prentiss Properties to the northeast at 1750 Webster Street, a former gas station to the east at 1700 Webster, and a former Chevron service station which is located approximately 400 feet to the southwest on the corner of 17th Street and Harrison Street.

On August 3 and 6, 1992, Parker Environmental Services removed one 1,000-gallon and two 500-gallon gasoline underground storage tanks (USTs) from the site. Up to 1,500 milligrams per kilogram (mg/kg) total petroleum hydrocarbons as gasoline (TPHg) and up to 12 mg/kg benzene were detected in the soil samples collected from the UST excavation.

Several investigations have been completed at the site. On July 8 and September 8, 1994, Gen Tech/Piers Environmental, Inc. (Gen Tech) of San Jose, California drilled six exploratory borings and installed three groundwater monitoring wells (MW-1 through MW-3). In February and May 1996, Cambria Environmental Technology (Cambria) of Emeryville, California advanced seven geoprobe soil borings and installed two groundwater monitoring wells (MW-4 and MW-5). On August 8, 2000, *Conduit Study and File Review Report* was submitted by Cambria Environmental Technology. The report provided significant information about offsite hydrocarbon impact and offsite sources, and concluded that there were no identified conduits for contaminant migration in groundwater. On June 27, 2003 Cambria installed two additional offsite monitoring wells (MW-6 and MW-7) to facilitate additional plume delineation.

Limited site remediation has been conducted at the site. In January 1998, Cambria installed ORC socks in well MW-2 to enhance the natural attenuation of dissolved-phase hydrocarbons. Dissolved oxygen (DO)

concentrations temporarily increased in well MW-2 following the ORC sock installation. In February and March 1999, a total of 120 gallons of 7.5% hydrogen peroxide solution was added into monitoring wells MW-2 and MW-3 to oxidize hydrocarbons and also increase DO levels to enhance biodegradation of dissolved-phase hydrocarbons. The hydrogen peroxide *temporarily* increased groundwater DO levels, but hydrocarbon concentrations remained at elevated levels.

On March 4, 2003, Cambria installed a co-axial air sparging/soil vapor extraction well (SV-1/AS-1) and two angled air sparging wells (AS-2 and AS-3) to approximately 30 ft bgs (Figure 3). The wells were installed to facilitate feasibility testing and future site remediation. Site remediation via soil vapor extraction and air sparging began in October 2007. To improve system performance and further evaluate site conditions, Pangea submitted an *Investigation and Remediation Workplan* dated March 5, 2009, which proposed additional investigation, remediation system expansion, and evaluation of groundwater geochemistry.

On November 19, 2010, ACEH issued a letter requesting a cross section, additional information regarding a potential offsite source and a preferential pathway survey. In December 2010, Pangea informed the ACEH that significant information about the offsite hydrocarbon impact was presented in the August 8, 2000 *Conduit Study and File Review Report* prepared by Cambria. In December 2010, the UST Cleanup Fund prepared a 5 Year Review that recommended a site conceptual model (SCM), risk assessment, and sensitive receptor survey to help facilitate selection of a remediation technique. In March 2011, Pangea provided information requested by the ACEH and proposed remediation and assessment tasks to help facilitate regulatory case closure. In a letter dated June 17, 2011, ACEH requested a site conceptual model with a preferential pathway evaluation. The UST Cleanup Fund 5-Year Review of March 12, 2012 also requested an SCM prior to any system modification. Pangea submitted a *Sensitive Receptor Survey, Conduit Study and Site Conceptual Model* dated March 26, 2012. In a letter dated December 21, 2012, ACEH requested a workplan to evaluate vapor intrusion and to investigate secondary source near well MW-2. Pangea submitted a *Workplan for Additional Assessment and Soil Gas Sampling* dated April 4, 2013. Following a meeting with ACEH on May 28, 2013, Pangea submitted a *Revised Data Gap Workplan* dated July 25, 2013.

Following approval of the workplan, Pangea installed two confirmation soil borings (CB-1 and CB-2) near the former UST excavation areas and three soil gas probes (SS-1 through SS-3). Pangea detailed the findings of this data gap investigation in the *Data Gap Site Assessment Report* dated January 22, 2014. Included in the report was an updated SCM in tabular format.

GROUNDWATER MONITORING AND SAMPLING

On July 20, 2015, Pangea coordinated groundwater monitoring and sampling at the site. All program monitoring wells were gauged for depth to water. Following the sampling protocol presented in Appendix A, groundwater samples were collected from select site monitoring wells. Wells MW-4 and MW-7 were

apparently paved over during recent street resurfacing work and were not monitored. Pangea plans to locate and uncover the two monitoring wells.

Before well purging, dissolved oxygen (DO) and oxygen reduction potential (ORP) were measured in each well. DO was measured by lowering a downwell sensor to the approximate middle of the water column, and allowing the reading to stabilize during gentle height adjustment. Prior to sample collection approximately three casing volumes of water were purged using disposable bailers, an electric submersible pump or new polyethylene tubing with a check valve. During well purging field technicians measured pH, temperature and conductivity. A groundwater sample was collected from each well with a disposable bailer and decanted into the appropriate containers supplied by the analytical laboratory. Groundwater samples were labeled, placed in protective plastic bags, and stored on crushed ice at or below 4° C. All samples were transported under chain-of-custody to the State-certified analytical laboratory. Purge water was stored onsite in DOT-approved 55-gallon drums. Field data sheets are presented as Appendix B.

Monitoring Results

Groundwater elevation and analytical data are described below and summarized on Table 1 and Figure 2. Groundwater samples were analyzed for total petroleum hydrocarbons as gasoline (TPHg) by modified EPA Method 8015C; and benzene, toluene, ethylbenzene and xylenes (BTEX), and methyl tertiary butyl ether (MTBE) by EPA Method 8021B. Samples were analyzed by McCampbell Analytical, Inc. of Pittsburg, California, a State-certified laboratory. The laboratory analytical report is included as Appendix C.

Groundwater Flow Direction

Based on depth-to-water measurements collected on July 20, 2015, groundwater beneath the site flowed *north to north-northeastwards* (Figure 2). The groundwater depth measurements and inferred flow direction during this event are consistent with historical site conditions. Groundwater depths at the site have historically ranged from approximately 14 to 23 ft below ground surface (bgs), equivalent to a groundwater elevation range from 5 to 13 feet above msl (Table 1).

Hydrocarbon and MTBE Distribution in Groundwater

TPHg, benzene and MTBE concentrations detected in site groundwater during this monitoring event are shown on Figure 2. The maximum TPHg and benzene concentrations were detected in well MW-6 at 12,000 µg/L and 160 µg/L, respectively.

TPHg and benzene concentration trends in key source area wells MW-2 and MW-3 are graphed on Figure 3. Benzene concentrations have dramatically decreased in source area well MW-2 since the commencement of SVE/AS in October 2007. TPHg concentrations remain elevated but are declining in wells MW-2 and MW-3. As requested during a May 28, 2013 meeting at the ACEH office, TPHg and benzene concentration trends for key offsite wells (MW-4 and MW-6) and key remediation wells (AS-1 and AS-2) are graphed on Figures 4 and 5, respectively.

MTBE was not detected above reporting limits in any of the sampled wells this monitoring event. The only apparent historical MTBE detection at the site (48 µg/L in well MW-3 by EPA Method 8020) was interpreted to be a false positive, based on the results of confirmation testing using EPA Method 8260 on July 21, 2003. Since the tank was removed in 1992 and because of the lack of confirmed detectable historical MTBE, MTBE is not a compound of concern at this site.

SUBSLAB GAS SAMPLING

Consistent with the RWQCB letter dated September 13, 2013, Pangea coordinated warm season subslab gas sampling from two soil gas probe locations (SS-2 and SS-3) on June 23, 2015. Pangea attempted to sample subslab probe SS-1 this event, but the probe was covered by recently installed new flooring. This sampling was performed to monitor shallow subslab gas conditions in the site building. Subslab probe locations are shown on Figure 6. Sample depth intervals and subslab gas analytical results are summarized on Table 2.

The subslab gas sampling was conducted in general accordance with procedures described in the *Advisory: Active Soil Gas Investigation* dated April 2012 by the Department of Toxic Substances Control (DTSC Advisory). Subslab gas probe SS-1 was located in the southwest portion of the site inside the building at 1715 Webster Street, near the southwest corner of the former UST excavation. Probe SS-2 is located in the driveway of the site near the source area and probe SS-3 is located north of the former USTs in the parking garage structure, near key well MW-2. The soil gas sampling was performed by Project Scientist Erik Lervaag under the supervision of Pangea's Bob Clark-Riddell, a California Registered Professional Civil Engineer.

McC Campbell Analytical provided sampling assemblies and certified Summa canisters for sampling and purging. The Summa canisters were supplied under a vacuum of approximately 30 inches of mercury. Prior to sample collection from the probes, vacuum/leak tests were conducted on the sampling assembly with a purging Summa canister. The vacuum/leak tests confirmed no leakage and maintained the initial vacuum in the sampling manifold system. After vacuum/leak testing, the manifold/probe assembly was purged using a purging Summa canister. Upon completion of purging of approximately three times the ambient volume of air in the assembly/probe, the sampling Summa canister was opened for sample collection. The pre-set valve regulated the vapor flow to approximately 150 to 200 milliliters of air per minute. After approximately 5 or

more minutes, the vacuum within the Summa canisters decreased to below 5 inches of mercury but not below 4 inches of mercury and the canister valve was closed

To evaluate potential leakage within the sampling system, a leak-check enclosure was placed over the sampling point and sampling assembly (summa canisters and manifold) and isopropyl alcohol was introduced to the leak-check enclosure. A photo-ionization detector (PID) was used to monitor the concentration of isopropyl alcohol within the enclosure during sample collection.

Subslab Gas Analytical Results

Subslab gas samples were collected within Summa canisters and submitted for analysis to McCampbell Analytical of Pittsburg, CA, a State-certified laboratory. Subslab gas samples were analyzed for total petroleum hydrocarbons as gasoline (TPHg), isopropyl alcohol and volatile organic compounds (VOCs) by Total Organics Method 15 (TO-15). Subslab gas analytical results and sample depth intervals are summarized on Table 2. The laboratory analytical report is included in Appendix C.

The only TPHg concentration detected in soil gas was 1,100 $\mu\text{g}/\text{m}^3$ in subslab probe SS-3. This detection is well below Environmental Screening Levels (ESLs) established by the San Francisco Regional Water Quality Control Board (RWQCB) for shallow soil gas for residential site use (300,000 $\mu\text{g}/\text{m}^3$ TPH) and for commercial site use (2,500,000 $\mu\text{g}/\text{m}^3$ TPH). The only ethylbenzene concentration detected was 2.3 $\mu\text{g}/\text{m}^3$ in subslab probe SS-2. Xylenes were detected at concentrations of 14 $\mu\text{g}/\text{m}^3$ (SS-2) and 13 $\mu\text{g}/\text{m}^3$ (SS-3). The only other hydrocarbon detected in subslab gas was toluene at concentrations of 3.7 $\mu\text{g}/\text{m}^3$ (SS-2) and 3.3 $\mu\text{g}/\text{m}^3$ (SS-3). Benzene concentrations were below detection limits this sampling event in probes SS-2 and SS-3.

The leak check compound (isopropyl alcohol) concentration was below detection limits in both subslab gas samples. The samples appear to be representative of subsurface conditions based on the lack of leak check compound detected within the samples.

REMEDIATION SYSTEM SUMMARY

Soil Vapor Extraction/Air Sparge System

The soil vapor extraction (SVE) remediation system consisted of a blower that extracted soil vapor from well SVE-1. Extracted vapors were routed through a moisture separator then treated by two 2,000-lb canisters of granular activated carbon plumbed in series. The treated vapor was discharged to the atmosphere in accordance with Bay Area Air Quality Management District (BAAQMD) requirements. The air sparging (AS) system consisted of a compressor for injecting air into wells AS-1, AS-2 and/or AS-3. Injection into AS wells was controlled by timer-activated solenoid valves. Wells SVE-1 and AS-1 are constructed as vertical co-axial wells,

with angled wells AS-2 and AS-3 located in the same vault. A cross section of the remediation wells is included as Figure 7. The remediation system layout is shown on Figure 8.

Operation and Performance

The SVE system operated from October 2007 to October 2010 with periodic cycling for rebound testing. By November 23, 2010, the SVE system operated for a total of about 19,396 hours (approximately 808 days) and the system removed a total of approximately 3,212 lbs TPHg and 6.9 lbs benzene. The AS system operated from November 2007 to April 2010, when the AS compressor broke down. From August 2008 to April 2010, air sparge wells AS-1 and AS-3 were disconnected to focus air sparging on well AS-2 to target hydrocarbons in nearby key monitoring well MW-2. System operation and performance data is summarized on Table 2.

OTHER SITE ACTIVITIES

Semi-Annual Groundwater Monitoring

Pangea will conduct semi-annual groundwater monitoring and sampling at the site in accordance with the approved monitoring program shown in Appendix A. Paved over monitoring wells MW-4 and MW-7 will be uncovered. All monitoring wells will be gauged for depth to water. Groundwater samples from program wells will be analyzed for TPHg, BTEX and MTBE by EPA Method 8015Cm/8021B.

Remediation System Decommissioning

At client request, Pangea will remove the SVE/AS equipment and enclosure that occupies valuable space at their facility. Monitoring results suggest that no further active remediation is merited.

ELECTRONIC REPORTING

This report will be submitted to Alameda County Environmental Health via upload to the County's ftp site. Applicable data, maps, and reports for groundwater monitoring and other activities will be uploaded to the State Water Resource Control Board's Geotracker database. As requested, report hard copies will no longer be provided to local agencies.

REFERENCES

CalEPA/DTSC, 2011, (CalEPA, 2011) *Vapor Intrusion Mitigation Advisory (VIMA)*, October 2011

CalEPA/DTSC, 2012, (CalEPA, 2012) *Advisory – Active Soil Gas Investigations*, April 2012

ATTACHMENTS

Figure 1 – Vicinity Map

Figure 2 – Groundwater Elevations and Hydrocarbon Concentration Map

Figure 3 – TPHg and Benzene Trends in Groundwater in Key Site Wells

Figure 4 – TPHg and Benzene Trends in Groundwater in Key Offsite Wells

Figure 5 – TPHg and Benzene Trends in Groundwater in Key Remediation Wells

Figure 6 – Boring and Subslab Probe Location Map

Figure 7 – Cross Section of Remediation Wells

Figure 8 – Remediation System Layout

Table 1 – Groundwater Elevation and Analytical Data

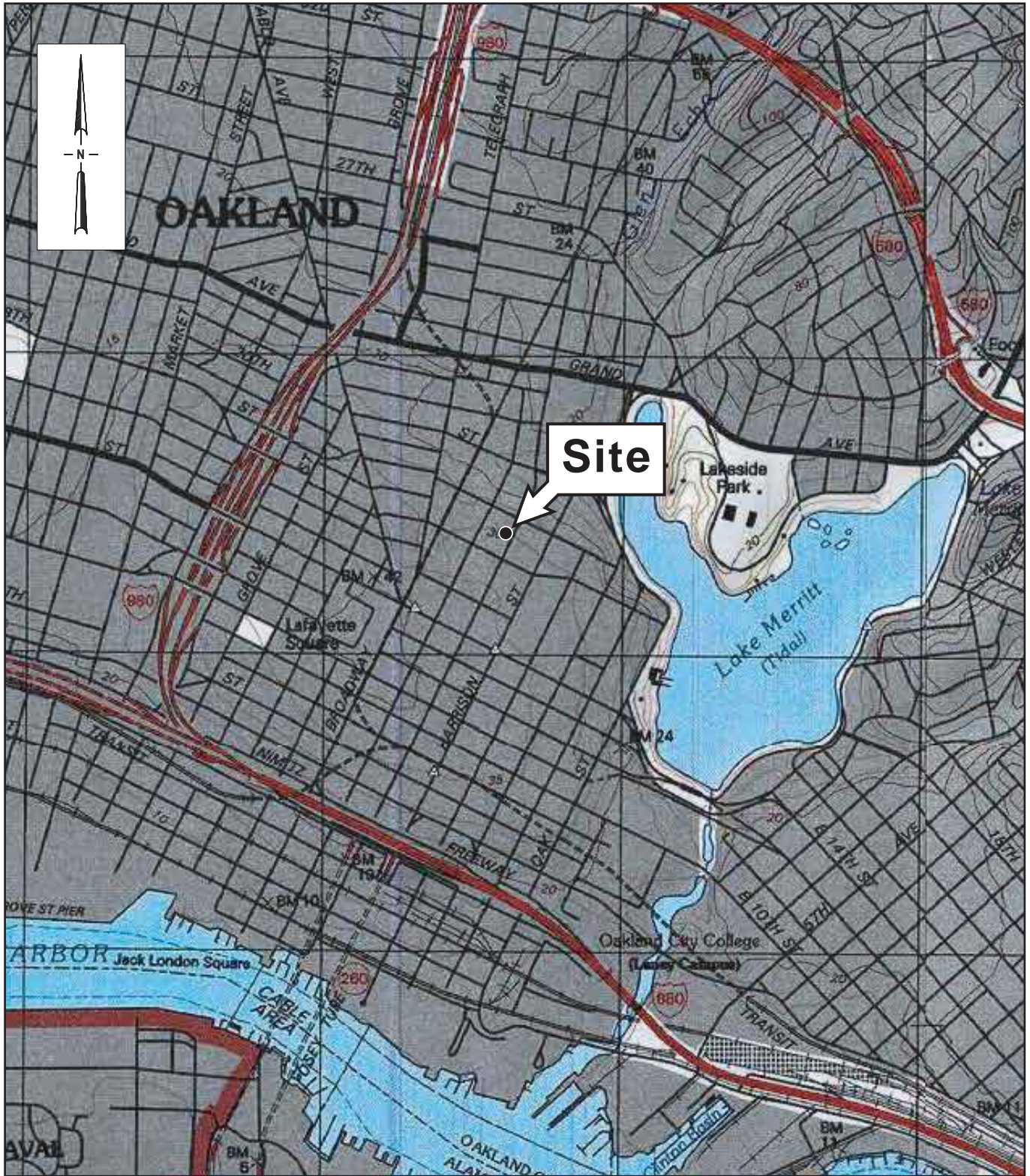
Table 2 – Subslab Gas Analytical Data

Table 3 – SVE System Performance Summary

Appendix A – Groundwater Monitoring Program

Appendix B – Groundwater Monitoring Field Data Sheets

Appendix C – Laboratory Analytical Report



SOURCE: TOPOI MAPS

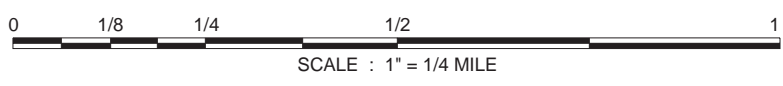
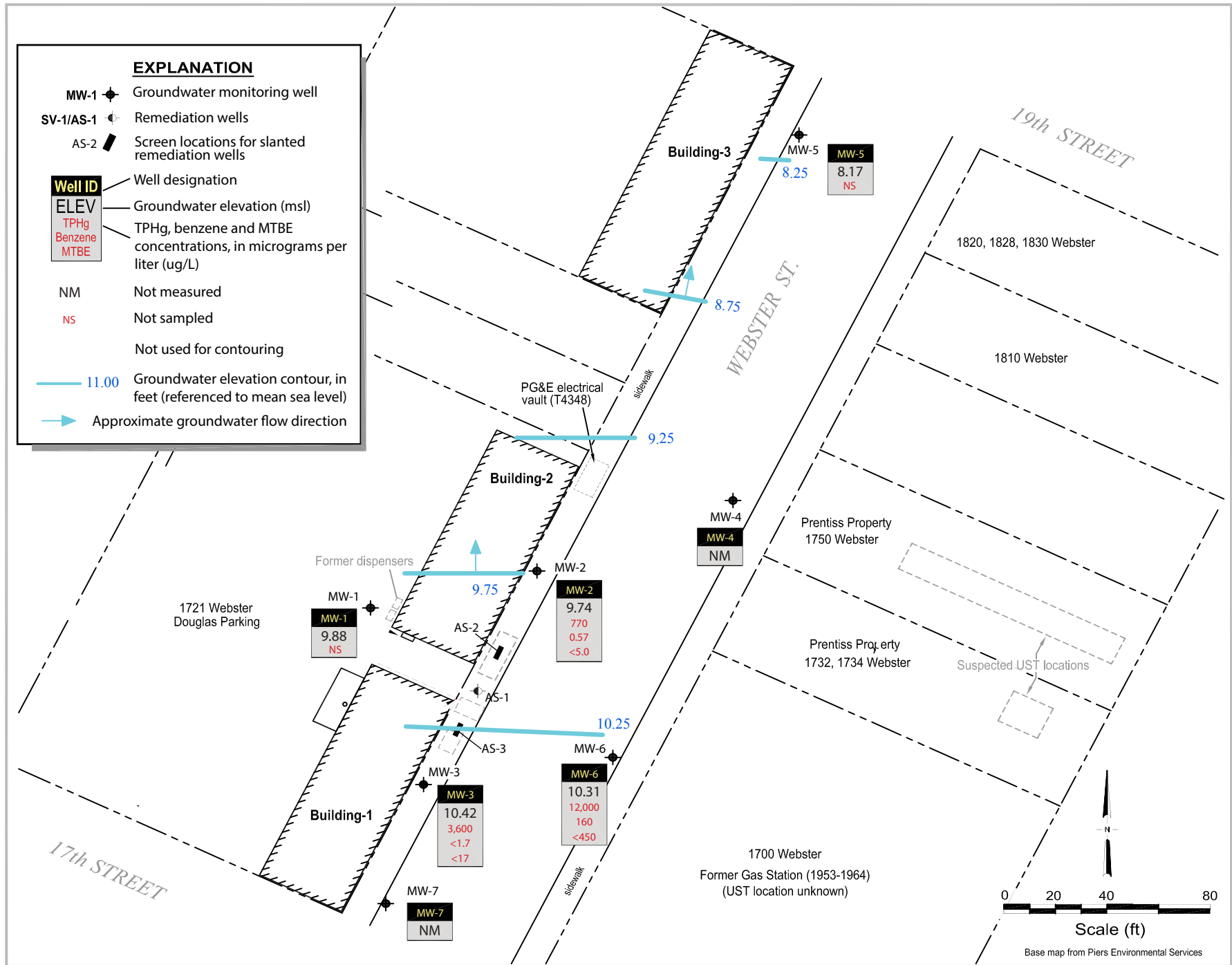


Figure 1

Douglas Parking Facility
 1721 Webster Street
 Oakland, California



Vicinity Map



Douglas Parking
 1721 Webster Street
 Oakland, California



**Groundwater Elevations and
 Hydrocarbon Concentration Map**
 July 20, 2015

FIGURE
2

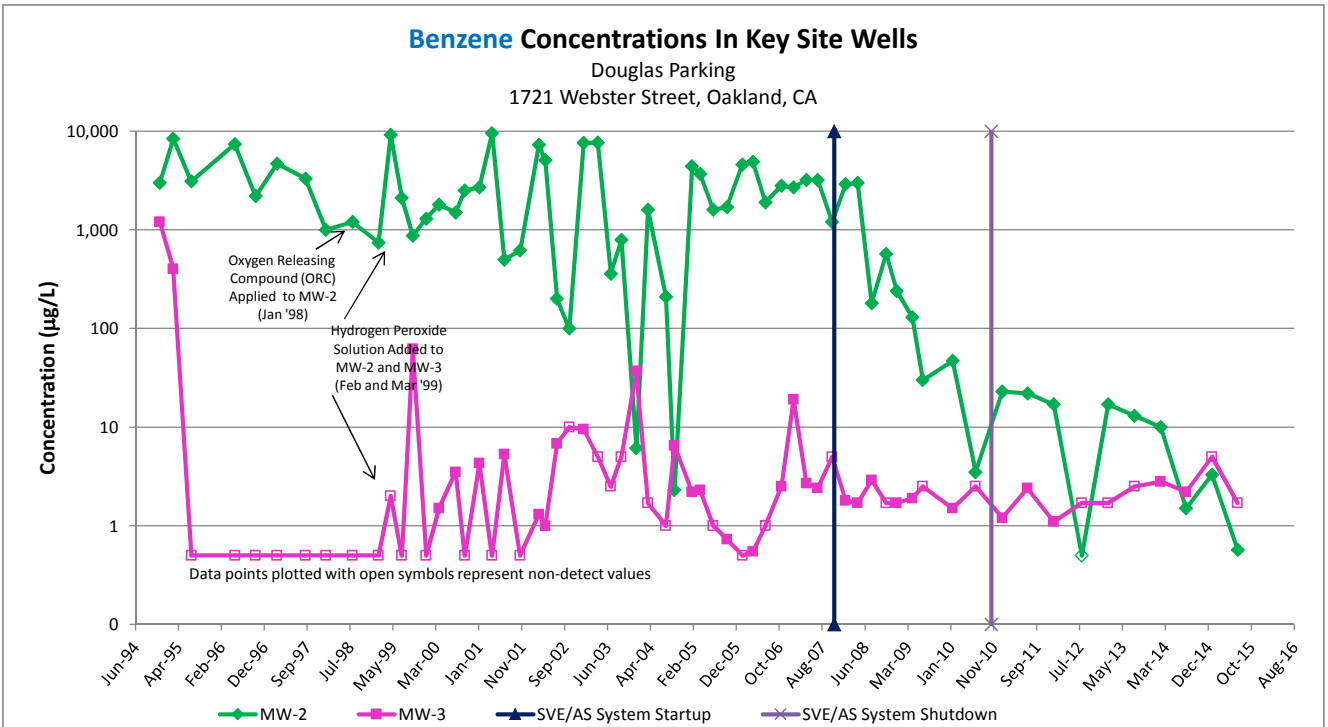
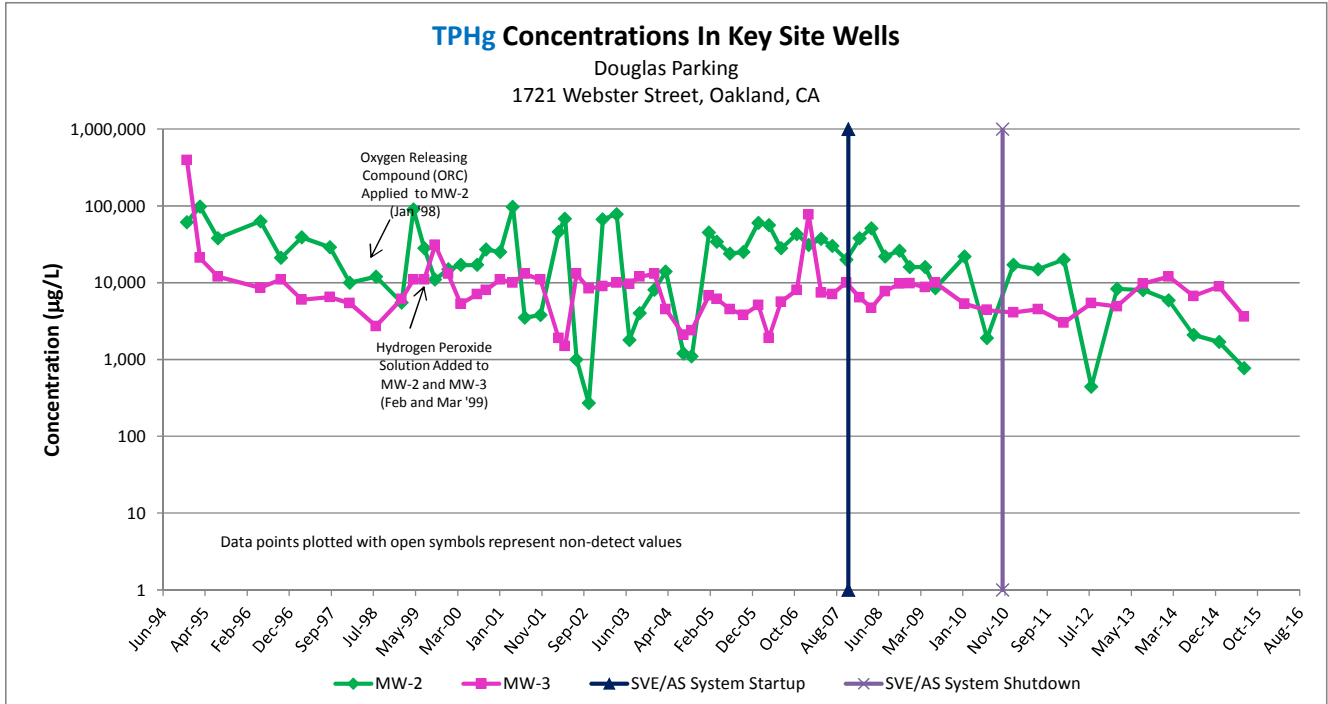


Figure 3 - TPHg and Benzene Trends in Key Onsite Wells

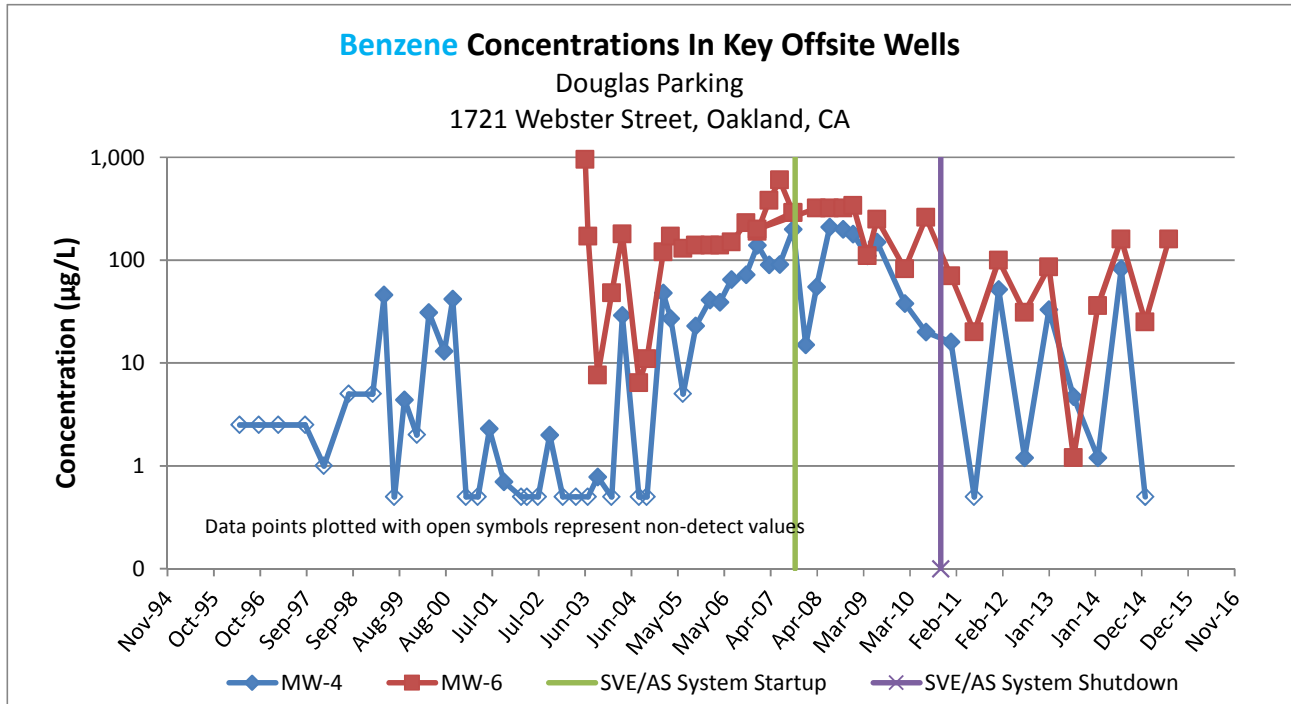
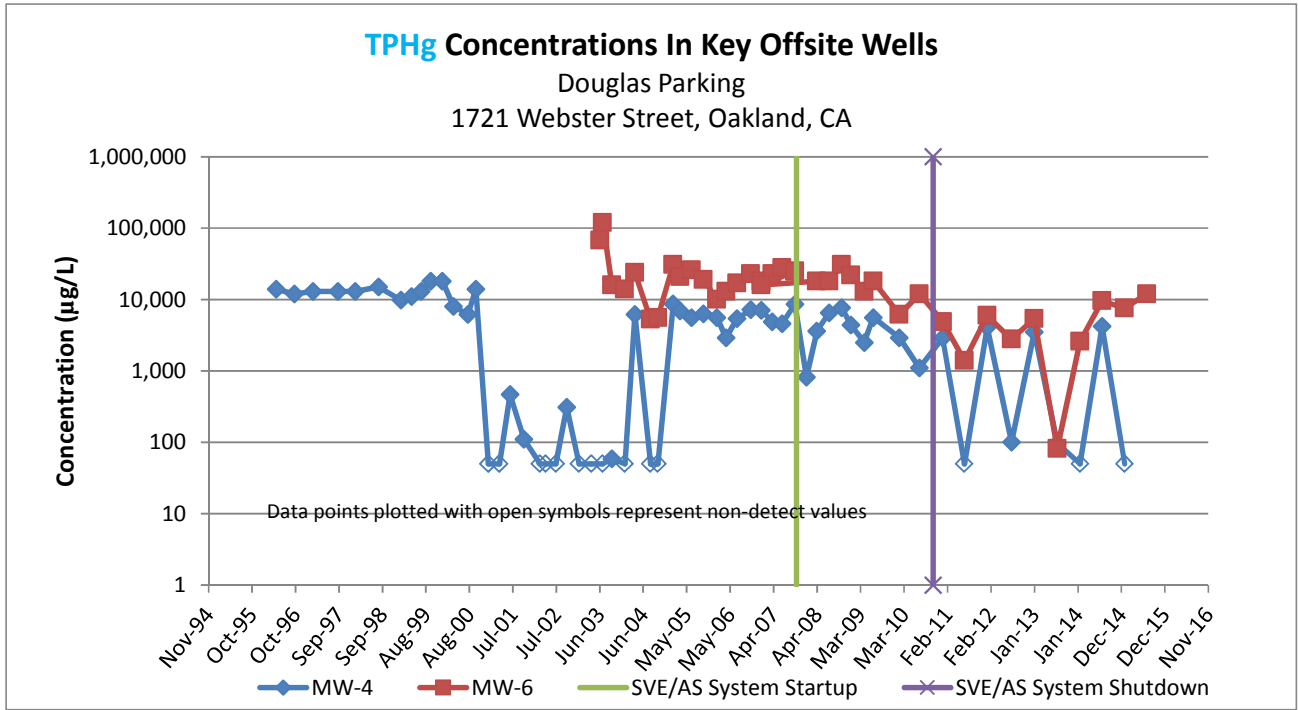


Figure 4 - TPHg and Benzene Trends in Key Offsite Wells

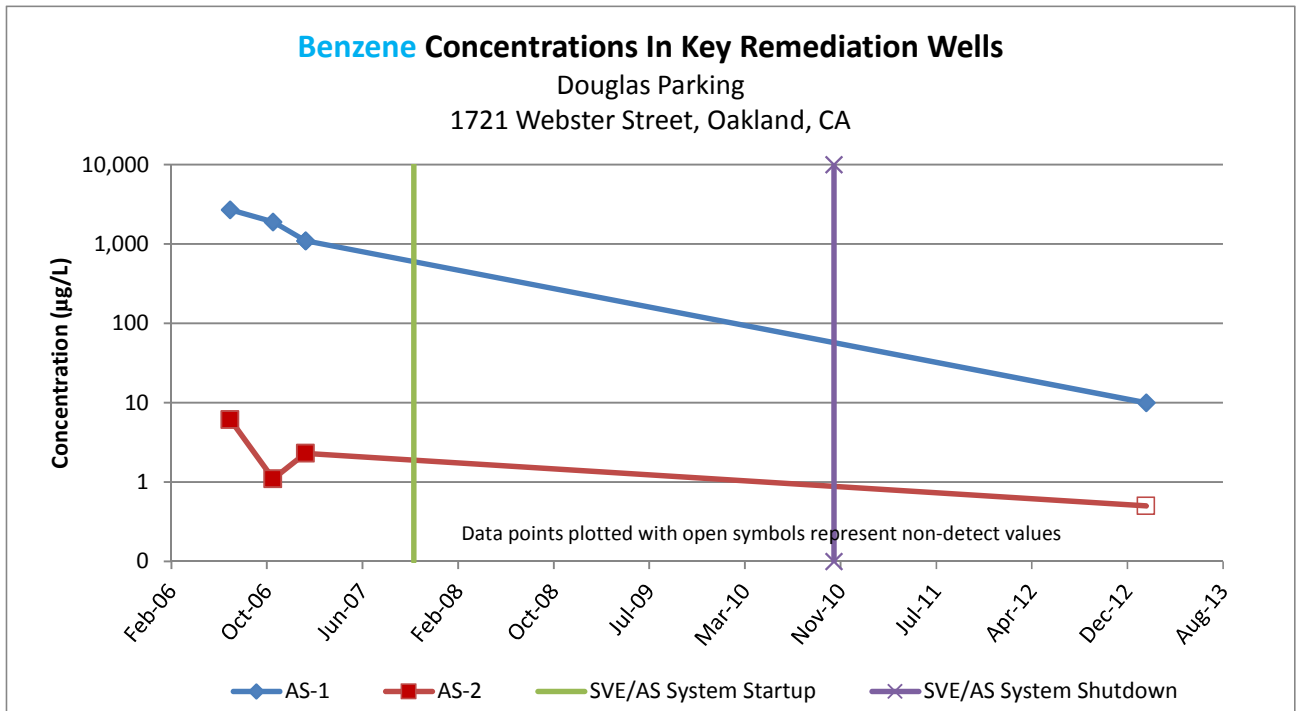
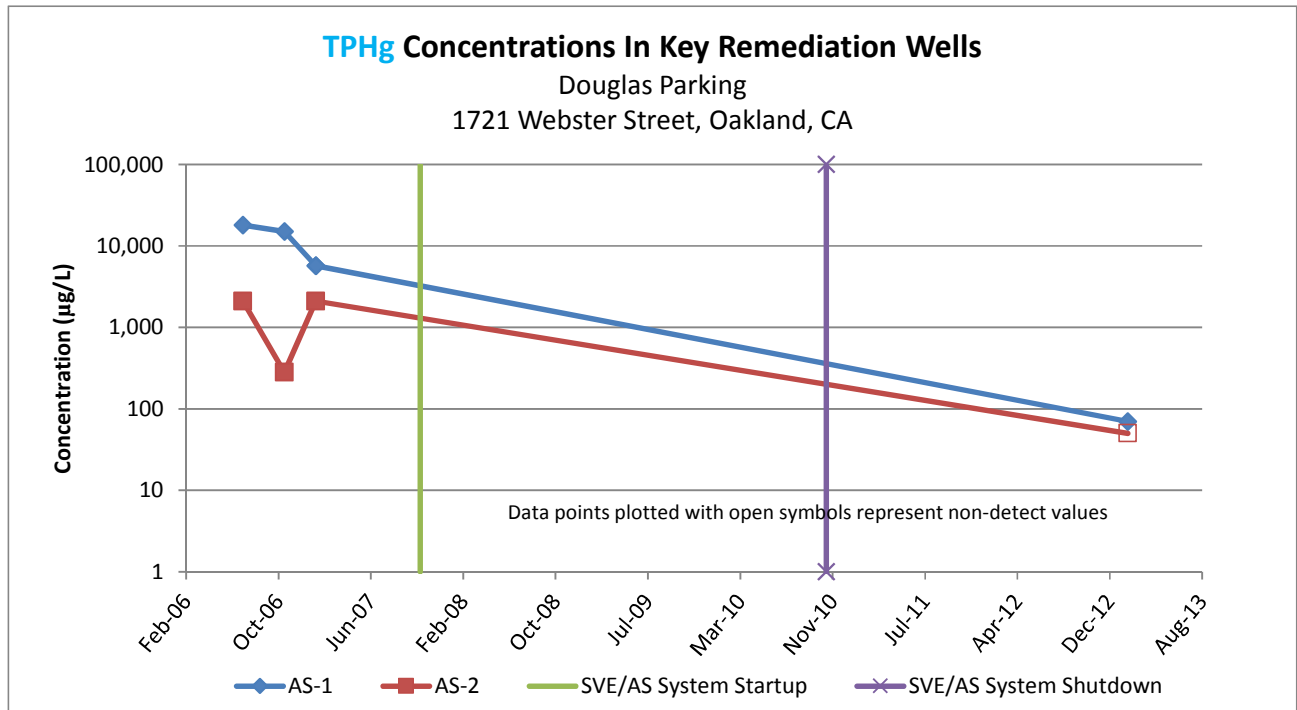
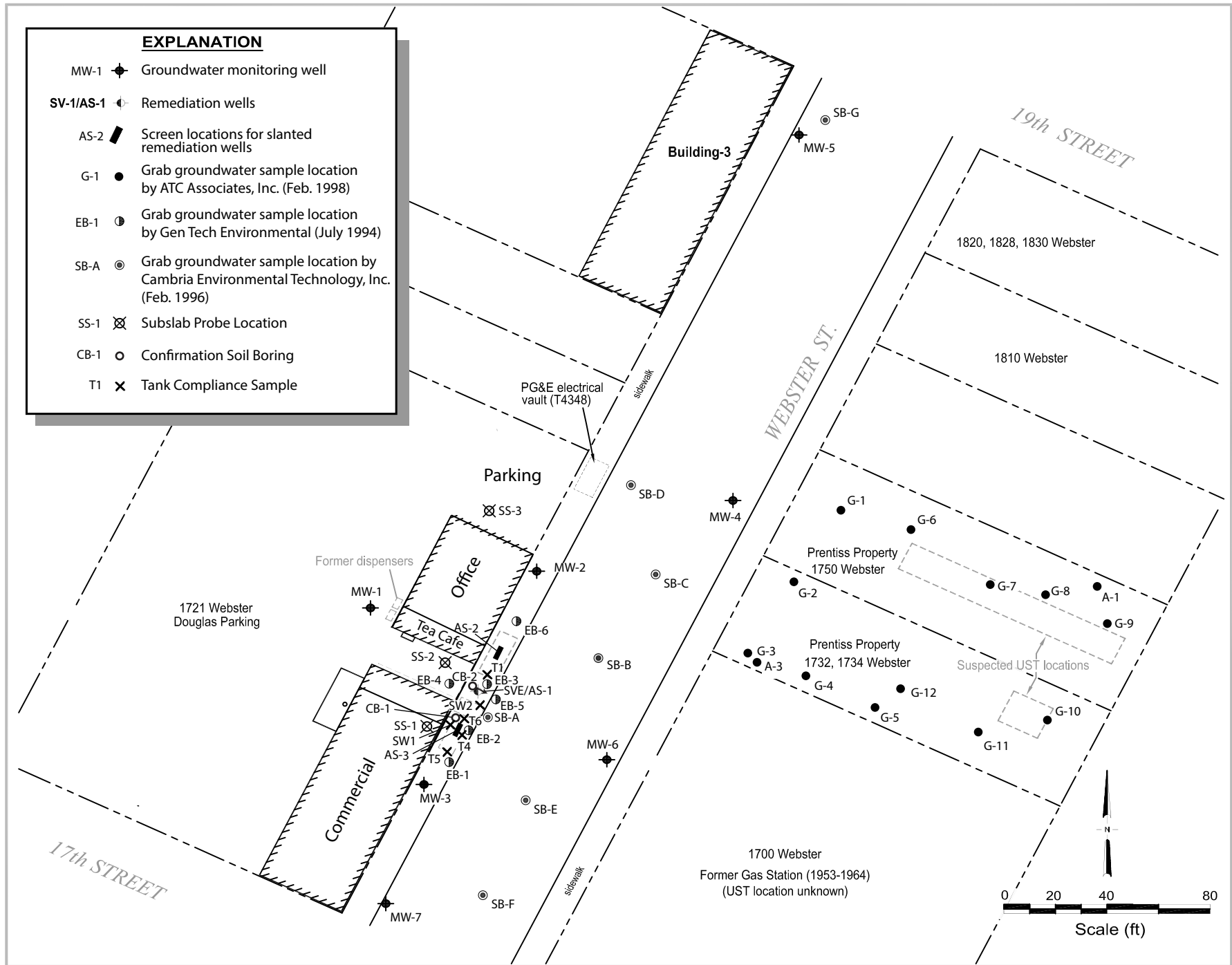


Figure 5 - TPHg and Benzene Trends in Key Remediation Wells

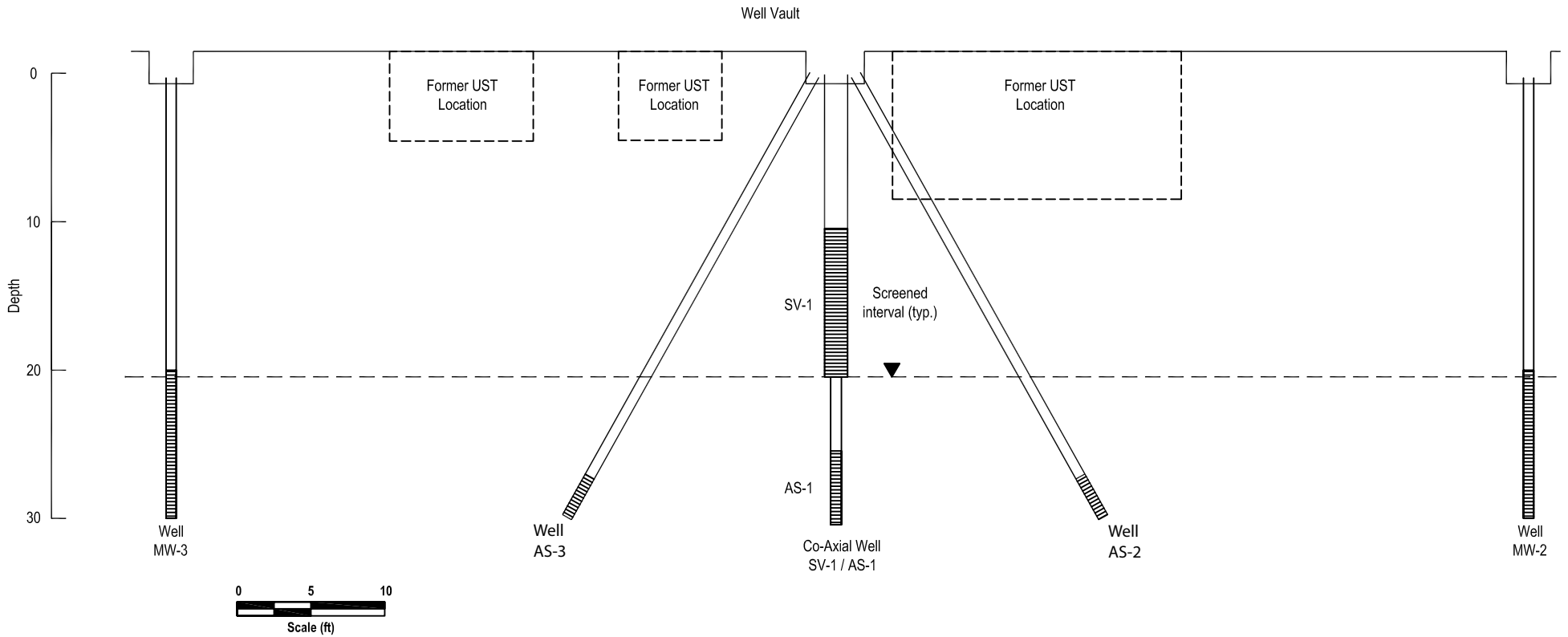


Douglas Parking
 1721 Webster Street
 Oakland, California




**Boring & Subslab
 Probe Location Map**

FIGURE



Figure

7

EXPLANATION	
MW-1	Groundwater monitoring well
SV-1, AS-1	Remediation well
	Former Underground Storage Tanks/Dispensers
AS-2	Screen locations for slanted remediation wells

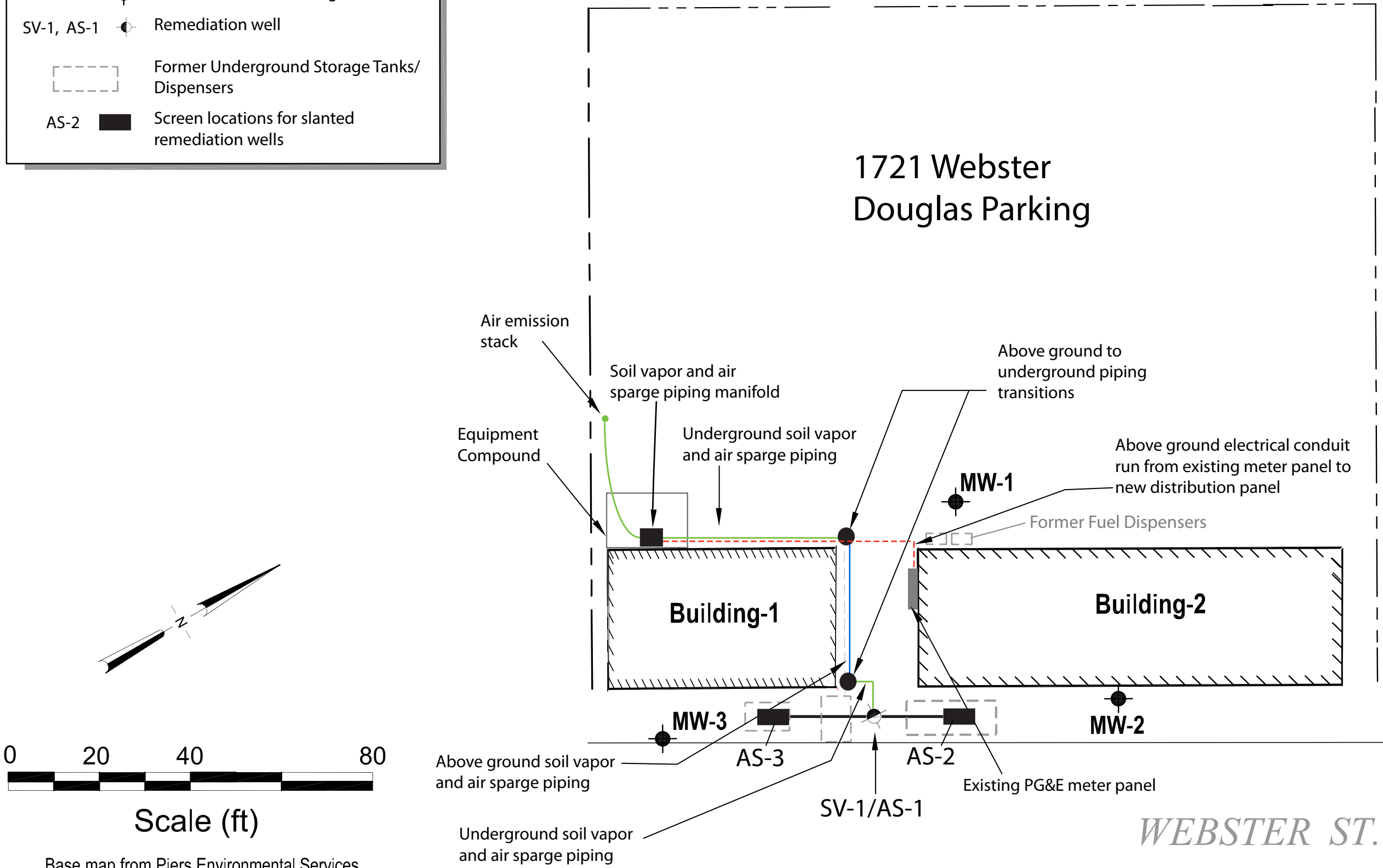


Figure 8

Douglas Parking
 1721 Webster Street
 Oakland, California



**Remediation System
 Layout**

PANGEA

Table 1 - Groundwater Elevation and Analytical Data.

Douglas Parking Company, 1721 Webster Street, Oakland, California

Boring / Well ID <i>TOC</i>	Date	Depth to Water (ft)	Groundwater Elevation (ft amsl)	TPHg ←	Benzene	Toluene	Ethylbenzene (µg/L)	Xylenes →	MTBE
Monitoring Wells									
MW-1	12/2/1994	19.42	9.83	ND	ND	ND	ND	ND	-
29.25	3/6/1995	20.69	9.04	ND	ND	ND	ND	ND	-
29.73	7/11/1995	20.65	9.16	ND	ND	ND	ND	ND	-
29.81	5/10/1996	20.80	9.01	ND	ND	ND	ND	ND	-
	10/2/1996	21.35	8.46	-	-	-	-	-	-
	2/28/1997	20.57	9.24	-	-	-	-	-	-
	9/16/1997	21.50	8.31	-	-	-	-	-	-
	2/5/1998	20.91	8.90	-	-	-	-	-	-
	8/11/1998	20.50	9.31	-	-	-	-	-	-
	2/8/1999	21.42	8.39	-	-	-	-	-	-
	2/24/1999	22.99	6.82	-	-	-	-	-	-
	3/3/1999	20.84	8.97	-	-	-	-	-	-
	3/10/1999	20.89	8.92	-	-	-	-	-	-
	3/17/1999	20.84	8.97	-	-	-	-	-	-
	5/4/1999	20.80	9.01	-	-	-	-	-	-
	7/20/1999	21.25	8.56	-	-	-	-	-	-
	10/5/1999	21.37	8.44	-	-	-	-	-	-
	1/7/2000	21.65	8.16	-	-	-	-	-	-
	4/6/2000	21.05	8.76	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	7/31/2000	21.13	8.68	-	-	-	-	-	-
	10/3/2000	21.69	8.12	-	-	-	-	-	-
	1/12/2001	22.00	7.81	-	-	-	-	-	-
	4/11/2001	22.16	7.65	-	-	-	-	-	-
	7/6/2001	22.57	7.24	-	-	-	-	-	-
	10/25/2001	22.71	7.10	-	-	-	-	-	-
	3/4/2002	22.53	7.28	-	-	-	-	-	-
	4/18/2002	22.81	7.00	-	-	-	-	-	-
	7/9/2002	22.95	6.86	-	-	-	-	-	-
	10/4/2002	23.13	6.68	-	-	-	-	-	-
	1/12/2003	22.05	7.76	-	-	-	-	-	-
	4/21/2003	21.17	8.64	-	-	-	-	-	-
32.75	7/21/2003	21.39	11.36	-	-	-	-	-	-
	10/2/2003	21.64	11.11	-	-	-	-	-	-
	1/15/2004	21.10	11.65	-	-	-	-	-	-
	4/5/2004	21.20	11.55	-	-	-	-	-	-
	8/9/2004	22.97	9.78	-	-	-	-	-	-
	10/7/2004	23.55	9.20	-	-	-	-	-	-
	2/7/2005	20.90	11.85	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	4/5/2005	20.60	12.15	-	-	-	-	-	-
	7/6/2005	20.66	12.09	-	-	-	-	-	-
	10/10/2005	21.16	11.59	-	-	-	-	-	-
	1/26/2006	20.73	12.02	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	4/10/2006	20.05	12.70	-	-	-	-	-	-
	7/6/2006	20.90	11.85	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	10/26/2006	21.80	10.95	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	1/19/2007	22.02	10.73	--	--	--	--	--	--
	4/17/2007	22.13	10.62	--	--	--	--	--	--
	7/6/2007	21.83	10.92	--	--	--	--	--	--
	10/15/2007	22.28	10.47	--	--	--	--	--	--
	1/17/2008	22.33	10.42	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	4/9/2008	22.11	10.64	--	--	--	--	--	--
	7/17/2008	22.50	10.25	--	--	--	--	--	--
	10/27/2008	22.75	10.00	--	--	--	--	--	--

PANGEA

Table 1 - Groundwater Elevation and Analytical Data.

Douglas Parking Company, 1721 Webster Street, Oakland, California

Boring / Well ID TOC	Date	Depth to Water (ft)	Groundwater Elevation (ft amsl)	TPHg	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE
				<	<	<	(µg/L)	>	>
MW-1	1/9/2009	22.89	9.86	<50	<0.5	<0.5	<0.5	<0.5	<5.0
(cont'd)	4/27/2009	22.40	10.35	--	--	--	--	--	--
	7/9/2009	22.55	10.20	--	--	--	--	--	--
	2/3/2010	22.08	10.67	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	7/13/2010	21.20	11.55	---	---	---	---	---	---
	1/17/2011			Well Inaccessible					
	7/12/2011	20.72	12.03	--	--	--	--	--	--
	1/11/2012	21.33	11.42	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	7/25/2012	20.94	11.81	--	--	--	--	--	--
	1/25/2013	21.41	11.34	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	7/29/2013	22.14	10.61	--	--	--	--	--	--
	1/28/2014	22.75	10.00	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	7/24/2014	22.84	9.91	--	--	--	--	--	--
	1/22/2015	22.45	10.30	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	7/20/2015	22.87	9.88	--	--	--	--	--	--
MW-2	12/2/1994	19.50	7.60	61,300	3,000	3,900	160	4,500	-
27.10	3/6/1995	18.49	8.61	98,000	8,400	16,000	2,000	2,600	-
27.40	7/11/1995	18.45	8.95	38,000	3,100	7,500	940	3,700	-
	5/10/1996	18.56	8.84	63,000	7,400	16,000	1,500	6,000	-
	10/2/1996	19.15	8.25	21,000	2,200	3,400	430	1,600	-
	2/28/1997	18.43	8.97	39,000	4,700	9,600	950	4,200	ND
	9/16/1997	19.26	8.14	29,000	3,300	5,800	690	2,900	<620
	2/5/1998	18.66	8.74	10,000	1,000	2,000	170	860	<330
	8/11/1998	18.41	8.99	12,000	1,200	2,300	260	1,400	300
	2/8/1999	19.84	7.56	5,500	740	1,200	150	780	60
	2/17/1999	18.94	8.46	-	-	-	-	-	-
	2/24/1999	20.76	6.64	-	-	-	-	-	-
	3/3/1999	18.55	8.85	-	-	-	-	-	-
	3/10/1999	20.74	6.66	-	-	-	-	-	-
	3/17/1999	18.57	8.83	-	-	-	-	-	-
	5/4/1999	18.55	8.85	90,000	9,200	21,000	1,600	10,000	560
	7/20/1999	18.98	8.42	28,000	2,100	3,700	900	4,200	<860
	10/5/1999	19.10	8.30	11,000	870	180	30	1,400	<110
	1/7/2000	19.41	7.99	15,000	1,300	2,100	440	1,800	<14
	4/6/2000	18.80	8.60	17,000	1,800	3,100	500	2,200	<50
	7/31/2000	18.87	8.53	17,000	1,500	2,700	430	2,100	<200
	10/3/2000	19.45	7.95	27,000	2,500	4,000	660	2,900	<50
	1/12/2001	19.80	7.60	25,000	2,700	4,100	670	3,000	<200
	4/11/2001	20.03	7.37	97,000	9,500	21,000	2,200	7,900	<200
	7/6/2001	20.19	7.21	3,500	500	150	11	420	<5.0
	10/25/2001	20.35	7.05	3,800	620	230	70	400	<50
	3/4/2002	20.37	7.03	46,000	7,300	12,000	870	3,200	<500
	4/18/2002	20.15	7.25	68,000	5,100	8,900	1,100	4,000	<1,000
	7/9/2002	21.09	6.31	1,000	200	8.9	0.67	82	<10
	10/4/2002	21.28	6.12	270	100	3.4	0.53	10	<5.0
	1/12/2003	20.59	6.81	67,000	7,600	13,000	1,400	5,600	<500
	4/21/2003	19.98	7.42	78,000	7,700	12,000	1,900	6,900	<500
30.40	7/21/2003	20.08	10.32	1,800	360	16	<5.0	190	<50
	10/2/2003	20.41	9.99	4,000	790	110	60	350	<50
	1/15/2004	19.93	10.47	8,100	6.1	23	44	530	<50
	4/5/2004	18.99	11.41	14,000	1,600	2,100	550	2,500	<500
	8/9/2004	19.79	10.61	1,200	210	16	14	100	<20
	10/7/2004	20.26	10.14	1,100	2.3	9.8	2.9	36	<5.0
	2/7/2005	18.80	11.60	45,000	4,400	4,800	1,400	5,800	<200

PANGEA

Table 1 - Groundwater Elevation and Analytical Data.

Douglas Parking Company, 1721 Webster Street, Oakland, California

Boring / Well ID TOC	Date	Depth to Water (ft)	Groundwater Elevation (ft amsl)	← (µg/L) →					
				TPHg	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE
MW-2	4/5/2005	18.40	12.00	34,000	3,700	3,600	1,200	5,300	<500 (<5.0)
(cont'd)	7/6/2005	18.48	11.92	24,000	1,600	1,700	570	2,800	<500
	10/10/2005	19.00	11.40	25,000	1,700	2,100	710	3,200	<500
	1/26/2006	18.58	11.82	60,000	4,600	7,200	1,600	6,900	<1,000
	4/10/2006	17.84	12.56	56,000	4,900	7,500	1,200	7,400	<500
	7/6/2006	18.76	11.64	28,000	1,900	1,700	720	2,900	<500
	10/26/2006	19.60	10.80	43,000	2,800	2,500	1,700	7,600	<500
	1/19/2007	19.84	10.56	31,000	2,700	2,400	1,400	5,800	<150
	4/17/2007	19.90	10.50	37,000	3,200	2,900	1,600	6,400	<400
	7/6/2007	19.63	10.77	30,000	3,200	2,000	1,500	5,200	<250
	10/15/2007	20.11	10.29	20,000	1,200	990	650	2,300	<500
	1/17/2008	20.10	10.30	38,000	2,900	5,100	1,200	5,000	<210
	4/9/2008	20.12	10.28	51,000	3,000	6,400	1,700	6,500	<250
	7/17/2008	20.01	10.39	22,000	180	500	660	2,100	<250
	10/27/2008	20.61	9.79	26,000	570	2,100	670	3,400	<50
	1/9/2009	20.80	9.60	16,000	240	680	460	3,000	<100
	4/27/2009	20.17	10.23	16,000	130	660	570	3,600	<500
	7/9/2009	20.36	10.04	8,500	30	110	250	1,400	<100
	2/3/2010	19.84	10.56	22,000	47	140	500	3,000	<100
	7/13/2010	19.08	11.32	1,900	3.5	5.8	38	110	<5.0
	1/17/2011	19.02	11.38	17,000	23	100	330	2,200	<100
	7/12/2011	18.52	11.88	15,000	22	30	190	740	<50
	1/12/2011	19.18	11.22	20,000	17	47	250	2,100	<84
	7/25/2012	18.83	11.57	440	<0.5	2.2	1.0	39	<5.0
	1/25/2013	19.21	11.19	8,300	17	11	140	510	<50
	7/29/2013	19.94	10.46	8,000	13	13	200	100	<25
	1/28/2014	20.56	9.84	5,900	10	7.3	100	80	<50
	7/24/2014	20.61	9.79	2,100	1.5	3.1	21	37	<5.0
	1/22/2015	20.24	10.16	1,700	3.3	3.0	8.0	25	<10
	7/20/2015	20.66	9.74	770	0.57	0.69	9.2	10	<5.0
MW-3	12/2/1994	22.15	7.35	394,000	1,200	ND	1,800	4,000	-
29.50	3/6/1995	20.09	9.16	21,000	400	150	24	62	-
29.25	7/11/1995	19.99	9.57	12,000	ND	10	16	99	-
29.56	5/10/1996	20.24	9.32	8,600	ND	7.6	16	84	-
	10/2/1996	20.90	8.66	11,000	ND	7.4	19	92	-
	2/28/1997	20.12	9.44	6,000	ND	4.4	17	88	50
	9/16/1997	20.97	8.59	6,500	<0.5	0.69	1.2	6.7	<5.0
	2/5/1998	20.39	9.17	5,400	<0.5	6.3	15	86	<63
	8/11/1998	19.95	9.61	2,700	<0.5	3.5	3.2	12	<10
	2/8/1999	20.58	8.98	6,100	<0.5	8.1	18	80	<140
	2/17/1999	20.53	9.03	-	-	-	-	-	-
	2/24/1999	22.53	7.03	-	-	-	-	-	-
	3/3/1999	20.28	9.28	-	-	-	-	-	-
	3/10/1999	22.45	7.11	-	-	-	-	-	-
	3/17/1999	20.26	9.30	-	-	-	-	-	-
	5/4/1999	20.24	9.32	11,000	<2	<2	9.8	140	<10
	7/20/1999	20.68	8.88	11,000	<0.5	3.1	13	88	<80
	10/5/1999	20.81	8.75	31,000	62	<0.5	21	170	<90
	1/7/2000	21.09	8.47	13,000	<0.5	<2	21	140	<80
	4/6/2000	20.48	9.08	5,300	1.5	1.4	9.8	60	<30
	7/31/2000	20.62	8.94	7,100	3.5	1.0	12	66	<5.0
	10/3/2000	21.13	8.43	8,000	<0.5	3.3	11	70	<40
	1/12/2001	21.45	8.11	11,000	4.3	6.7	11	73	<70
	4/11/2001	21.69	7.87	10,000	<0.5	<0.5	11	65	<10

PANGEA

Table 1 - Groundwater Elevation and Analytical Data.

Douglas Parking Company, 1721 Webster Street, Oakland, California

Boring / Well ID TOC	Date	Depth to Water (ft)	Groundwater Elevation (ft amsl)	TPHg ←	Benzene	Toluene	Ethylbenzene (µg/L)	Xylenes	MTBE →
MW-3 (cont'd)	7/6/2001	21.60	7.96	13,000	5.3	1.6	11	58	<5.0
	10/25/2001	21.70	7.86	11,000	<0.5	3.0	15	70	<10
32.56	3/4/2002	21.65	7.91	1,900	1.3	0.8	<0.5	15	<5.0
	4/18/2002	21.77	7.79	1,500	1.0	0.97	1.3	5.8	<5
	7/9/2002	22.03	7.53	13,000	6.8	5.7	13	59	<90
	10/4/2002	22.15	7.41	8,400	<10	<10	<10	42	<100
	1/12/2003	21.13	8.43	9,000	9.5	5.1	8.5	46	<90
	4/21/2003	20.63	8.93	10,000	<5.0	<5.0	8.5	32	<50
	7/21/2003	20.68	11.88	9,600	<2.5	<2.5	7.4	39	48 (<1.0)
	10/2/2003	20.99	11.57	12,000	<5.0	<5.0	10	40	<90
	1/15/2004	20.74	11.82	13,000	37	41	78	930	<50
	4/5/2004	20.59	11.97	4,500	<1.7	<1.7	<1.7	12	<17
	8/9/2004	22.18	10.38	2,100	<1.0	3.7	<1.0	8.1	<10
	10/7/2004	22.79	9.77	2,400	6.5	26	7.5	89	<15
	2/7/2005	20.35	12.21	6,800	2.2	5.6	2.0	12	<30
	4/5/2005	19.95	12.61	6,100	2.3	2.6	1.3	8.3	<45 (<0.5)
	7/6/2005	19.93	12.63	4,500	<1.0	1.5	1.0	8.3	<10
	10/10/2005	20.45	12.11	3,800	0.73	<0.5	0.98	5.7	<15
	1/26/2006	20.05	12.51	5,100	<0.5	1.1	<0.5	6.6	<15
	4/10/2006	19.39	13.17	1,900	0.55	1.6	0.51	4.1	<10
	7/6/2006	20.25	12.31	5,600	<1.0	2.3	<1.0	6.4	<20
	10/26/2006	21.07	11.49	8,000	2.5	1.0	2.3	12	<35
	1/19/2007	21.38	11.18	77,000	19	40	9.5	130	<300
	4/17/2007	21.45	11.11	7,400	2.7	6.6	1.1	12	<40
	7/6/2007	21.29	11.27	7,100	2.4	5.6	0.85	10	<30
	10/15/2007	21.62	10.94	10,000	<5.0	<5.0	<5.0	14	<50
	1/17/2008	21.68	10.88	6,400	1.8	<0.5	1.0	8.4	23
	4/9/2008	21.42	11.14	4,700	1.7	2.2	<0.5	3.8	<18
	7/17/2008	22.10	10.46	7,700	2.9	3.1	1.4	11	<60
	10/27/2008	22.13	10.43	9,700	<1.7	1.8	2.3	11	<17
1/9/2009	22.27	10.29	9,800	1.7	2.0	3.0	14	<17	
4/27/2009	21.74	10.82	8,700	1.9	3.3	<1.7	11	<50	
7/9/2009	21.92	10.64	10,000	<2.5	4.1	2.6	11	<60	
2/3/2010	21.55	11.01	5,300	1.5	2.3	<0.5	2.7	<25	
7/13/2010	21.31	11.25	4,400	<2.5	9.0	<2.5	4.6	<25	
1/17/2011	20.75	11.81	4,100	1.2	1.8	<0.5	2.7	<20	
7/12/2011	20.14	12.42	4,500	2.4	2.8	<0.5	5.0	<25	
1/11/2012	20.80	11.76	3,000	1.1	1.6	<0.5	1.9	<15	
7/25/2012	20.44	12.12	5,400	<1.7	<1.7	<1.7	4.1	<17	
1/25/2013	20.84	11.72	4,900	<1.7	2.7	<1.7	3.5	<17	
7/29/2013	21.48	11.08	9,700	<2.5	<2.5	<2.5	<2.5	<25	
1/28/2014	22.08	10.48	12,000	2.8	2.8	<2.5	4.6	<25	
7/24/2014	22.15	10.41	6,700	2.2	<1.7	1.9	5.2	<35	
1/22/2015	21.76	10.80	8,900	<5.0	<5.0	<5.0	<5.0	<50	
	7/20/2015	22.14	10.42	3,600	<1.7	<1.7	<1.7	3.5	<17
MW-4 25.29	5/10/1996	16.98	8.31	14,000	ND	1,200	720	3,100	-
	10/2/1996	17.65	7.64	12,000	ND	650	580	2,200	-
	2/28/1997	16.80	8.49	13,000	ND	1,100	750	2,700	110
	9/17/1997	17.93	7.36	13,000	<2.5	820	750	2,900	<190
	2/5/1998	16.78	8.51	13,000	<1.0	690	690	2,900	<170
	8/11/1998	16.59	8.70	15,000	<5	360	520	1,900	280
	2/8/1999	17.10	8.19	9,800	<5	680	770	2,200	300
2/24/1999	18.95	6.34	-	-	-	-	-	-	
3/3/1999	16.80	8.49	-	-	-	-	-	-	

PANGEA

Table 1 - Groundwater Elevation and Analytical Data.

Douglas Parking Company, 1721 Webster Street, Oakland, California

Boring / Well ID TOC	Date	Depth to Water (ft)	Groundwater Elevation (ft amsl)	TPHg <	Benzene	Toluene	Ethylbenzene (µg/L)	Xylenes	MTBE >
MW-4	3/10/1999	16.86	8.43	-	-	-	-	-	-
(cont'd)	3/17/1999	16.82	8.47	-	-	-	-	-	-
	5/4/1999	16.86	8.43	11,000	46	600	620	1,900	<100
	7/20/1999	17.30	7.99	13,000	<0.5	470	7.0	2,000	<150
	10/5/1999	17.43	7.86	18,000	4.4	720	800	2,100	<120
	1/7/2000	17.78	7.51	18,000	<2	930	990	2,700	<30
	4/6/2000	17.17	8.12	8,000	31	390	530	1,300	<10
	7/31/2000	17.21	8.08	6,200	13	170	460	850	<10
	10/3/2000	18.00	7.29	14,000	42	820	730	2,000	<50
	1/12/2001	18.20	7.09	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	4/11/2001	18.31	6.98	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	7/6/2001	18.35	6.94	470	2.3	1.6	0.81	43	<5.0
	10/25/2001	18.47	6.82	110	0.70	<0.5	<0.5	3.3	<5.0
	3/4/2002	18.43	6.86	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	4/18/2002	18.61	6.68	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	7/9/2002	19.50	5.79	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	10/4/2002	19.83	5.46	310	2.0	2.9	13	16	<0.5
	1/12/2003	19.07	6.22	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	4/21/2003	18.71	6.58	<50	<0.5	<0.5	<0.5	<0.5	<5.0
28.29	7/21/2003	18.81	9.48	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	10/2/2003	19.02	9.27	59	0.78	<0.5	1.1	0.91	<5.0
	1/15/2004	18.68	9.61	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	4/5/2004	17.41	10.88	6,200	29	250	450	730	<100
	8/9/2004	19.07	9.22	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	10/7/2004	19.65	8.64	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	2/7/2005	17.21	11.08	8,700	48	340	550	720	<100
	4/5/2005	16.78	11.51	6,900	27	290	520	660	<170 (<0.5)
	7/6/2005	16.98	11.31	5,600	<5.0	130	470	480	<50
	10/10/2005	17.59	10.70	6,300	23	78	530	430	<50
	1/26/2006	17.08	11.21	5,600	41	68	400	290	<120
	4/10/2006	16.27	12.02	2,900	39	32	200	140	<60
	7/6/2006	17.20	11.09	5,400	65	59	340	150	<120
	10/26/2006	18.06	10.23	7,200	72	46	460	200	<150
	1/19/2007	18.29	10.00	7,100	140	35	520	150	<200
	4/17/2007	18.30	9.99	4,900	90	32	290	89	<110
	7/6/2007	18.00	10.29	4,600	91	30	210	55	<90
	10/15/2007	18.52	9.77	8,600	200	62	480	110	<210
	1/17/2008	18.46	9.83	820	15	3.7	25	9.3	<10
	4/9/2008	18.23	10.06	3,600	55	20	160	64	<60
	7/17/2008	18.72	9.57	6,500	210	47	510	180	<180
	10/27/2008	19.07	9.22	7,700	200	28	450	87	<150
	1/9/2009	19.12	9.17	4,400	180	34	180	93	<150
	4/27/2009	18.52	9.77	2,500	110	24	190	69	<150
	7/9/2009	18.78	9.51	5,600	150	34	270	83	<250
	2/3/2010	18.24	10.05	2,900	38	20	69	54	<50
	7/13/2010	17.59	10.70	1,100	20	7.6	43	26	<60
	1/17/2011	17.42	10.87	2,900	16	43	60	99	<15
	7/12/2011	17.01	11.28	<50	<0.5	0.56	0.52	0.93	<5.0
	1/11/2012	17.68	10.61	4,100	52	52	49	130	<90
	7/25/2012	17.26	11.03	100	1.2	<0.5	<0.5	<0.5	<5.0
	1/25/2013	17.58	10.71	3,500	33	20	23	65	<35
	7/29/2013	18.34	9.95	97	4.7	<0.5	<0.5	0.70	<10

PANGEA

Table 1 - Groundwater Elevation and Analytical Data.

Douglas Parking Company, 1721 Webster Street, Oakland, California

Boring / Well ID TOC	Date	Depth to Water (ft)	Groundwater Elevation (ft amsl)	(µg/L)						
				TPHg <	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE >	
MW-4 (cont'd)	1/28/2014	18.99	9.30	<50	1.2	<0.5	<0.5	<0.5	<5.0	
	7/24/2014	19.05	9.24	4,200	83	19	40	32	<50	
	1/22/2015	18.57	9.72	<50	<0.5	<0.5	<0.5	<0.5	<5.0	
	7/20/2015	--	--	--well paved over--						
MW-5 21.97	5/10/1996	14.60	7.37	ND	ND	ND	ND	ND	-	
	10/2/1996	15.25	6.72	ND	ND	ND	ND	ND	-	
	2/28/1997	14.31	7.66	ND	ND	ND	ND	ND	ND	
	9/17/1997	15.18	6.79	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	
	2/5/1998	13.64	8.33	<50	<0.5	<0.5	<0.5	<0.5	<5.0	
	8/11/1998	13.92	8.05	<50	<0.5	<0.5	<0.5	<0.5	<5.0	
	2/8/1999	14.19	7.78	<50	<0.5	<0.5	<0.5	<0.5	<5.0	
	2/24/1999	16.18	5.79	-	-	-	-	-	-	
	3/3/1999	14.23	7.74	-	-	-	-	-	-	
	3/10/1999	14.32	7.65	-	-	-	-	-	-	
	3/17/1999	14.25	7.72	-	-	-	-	-	-	
	5/4/1999	14.41	7.56	<50	<0.5	<0.5	<0.5	<0.5	<5.0	
	7/20/1999	14.44	7.53	<50	<0.5	<0.5	<0.5	<0.5	<5.0	
	10/5/1999	14.79	7.18	<50	<0.5	<0.5	<0.5	<0.5	<5.0	
	1/7/2000*	15.23	6.74	-	-	-	-	-	-	
	4/6/2000	14.74	7.23	<50	<0.5	<0.5	<0.5	<0.5	<5.0	
	7/31/2000	14.52	7.45	<50	<0.5	<0.5	<0.5	<0.5	<5.0	
	10/3/2000	15.37	6.60	<50	<0.5	<0.5	<0.5	<0.5	<5.0	
	1/12/2001	15.70	6.27	6,400	13	290	450	1,100	<40	
	4/11/2001	15.78	6.19	<50	<0.5	<0.5	<0.5	<0.5	<5.0	
	7/6/2001	15.97	6.00	<50	<0.5	<0.5	<0.5	<0.5	<5.0	
	10/25/2001	16.05	5.92	<50	<0.5	<0.5	<0.5	<0.5	<5.0	
	3/4/2002	16.21	5.76	<50	<0.5	<0.5	<0.5	<0.5	<5.0	
	4/18/2002	16.59	5.38	<50	<0.5	<0.5	<0.5	<0.5	<5.0	
	7/9/2002	16.94	5.03	170	1.0	0.65	2.1	4.0	<15	
	10/4/2002	17.14	4.83	<50	<0.5	<0.5	<0.5	<0.5	<5.0	
	1/12/2003	16.58	5.39	<50	<0.5	<0.5	<0.5	<0.5	<5.0	
	4/21/2003	15.90	6.07	<50	<0.5	<0.5	<0.5	<0.5	<5.0	
	7/21/2003	16.03	8.96	<50	<0.5	<0.5	<0.5	<0.5	<5.0	
	24.99	10/2/2003	16.33	8.66	<50	<0.5	<0.5	<0.5	<0.5	<5.0
		1/15/2004	16.21	8.78	<50	<0.5	<0.5	<0.5	<0.5	<5.0
		4/5/2004	15.01	9.98	<50	<0.5	<0.5	<0.5	<0.5	<5.0
		8/9/2004	16.85	8.14	<50	<0.5	<0.5	<0.5	<0.5	<5.0
		10/7/2004	17.48	7.51	<50	<0.5	<0.5	<0.5	<0.5	<5.0
		2/7/2005	16.52	8.47	<50	<0.5	<0.5	<0.5	<0.5	<5.0
		4/5/2005	14.45	10.54	<50	<0.5	<0.5	<0.5	<0.5	<5.0 (<0.5)
		7/6/2005	14.85	10.14	<50	<0.5	<0.5	<0.5	<0.5	<5.0
		10/10/2005	15.44	9.55	<50	<0.5	<0.5	<0.5	<0.5	<5.0
		1/26/2006	14.96	10.03	<50	<0.5	<0.5	<0.5	<0.5	<5.0
		4/10/2006	14.01	10.98	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	7/6/2006	15.17	9.82	<50	<0.5	<0.5	<0.5	<0.5	<5.0	
	10/26/2006	15.94	9.05	<50	<0.5	<0.5	<0.5	<0.5	<5.0	
	1/19/2007	16.05	8.94	<50	<0.5	<0.5	<0.5	<0.5	<5.0	
	4/17/2007	15.99	9.00	<50	<0.5	<0.5	<0.5	<0.5	<5.0	
	7/6/2007	15.50	9.49	<50	<0.5	<0.5	<0.5	<0.5	<5.0	
	10/15/2007	16.27	8.72	<50	<0.5	<0.5	<0.5	<0.5	<5.0	
	1/17/2008	15.10	9.89	<50	<0.5	<0.5	<0.5	<0.5	<5.0	
	4/9/2008	15.96	9.03	<50	<0.5	<0.5	<0.5	<0.5	<5.0	
	7/17/2008	16.44	8.55	<50	<0.5	<0.5	<0.5	<0.5	<5.0	
	10/27/2008	16.78	8.21	<50	<0.5	<0.5	<0.5	<0.5	<5.0	

PANGEA

Table 1 - Groundwater Elevation and Analytical Data.

Douglas Parking Company, 1721 Webster Street, Oakland, California

Boring / Well ID TOC	Date	Depth to Water (ft)	Groundwater Elevation (ft amsl)	TPHg	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE
				<	(µg/L)				
MW-5 (cont'd)	1/9/2009	16.75	8.24	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	4/27/2009	16.21	8.78	--	--	--	--	--	--
	7/9/2009	16.48	8.51	--	--	--	--	--	--
	2/3/2010	15.77	9.22	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	7/13/2010	15.34	9.65	--	--	--	--	--	--
	1/17/2011	14.93	10.06	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	7/12/2011	14.81	10.18	--	--	--	--	--	--
	1/11/2012	15.44	9.55	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	7/25/2012	14.79	10.20	--	--	--	--	--	--
	1/25/2013	15.21	9.78	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	7/29/2013	16.03	8.96	--	--	--	--	--	--
	1/28/2014	16.65	8.34	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	7/24/2014	16.75	8.24	--	--	--	--	--	--
	1/22/2015	16.25	8.74	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	7/20/2015	16.82	8.17	--	--	--	--	--	--
MW-6 30.99	6/30/2003	19.60	11.39	68,000	950	6,000	2,400	10,000	<1,000
	7/21/2003	19.67	11.32	120,000	170	1,400	1,100	10,000	<1,000
	10/2/2003	19.97	11.02	16,000	7.6	200	38	1,800	<100
	1/15/2004	19.55	11.44	14,000	48	51	94	1,100	<50
	4/5/2004	19.17	11.82	24,000	180	900	430	1,800	<500
	8/9/2004	20.98	10.01	5,300	6.4	25	5.3	69	<17 (<0.5)
	10/7/2004	21.52	9.47	5,600	11	58	18	210	<50 (<0.5)
	2/7/2005	19.00	11.99	31,000	120	620	310	1,200	<500
	4/5/2005	18.60	12.39	21,000	170	1,100	350	1,300	<500 (<5.0)
	7/6/2005	18.56	12.43	26,000	130	920	320	1,200	<500
	10/10/2005	19.99	11.00	19,000	140	840	250	980	<500
	1/26/2006	18.70	12.29	10,000	140	1,100	270	1,200	<170
	4/10/2006	18.04	12.95	13,000	140	1,000	280	1,000	<250
	7/6/2006	18.80	12.19	17,000	150	1,000	290	1,000	<250
	10/26/2006	19.62	11.37	23,000	230	660	470	1,500	<500
	1/19/2007	19.92	11.07	18,000	190	620	350	1,100	<150
	4/17/2007	19.97	11.02	23,000	380	1,400	590	2,000	<450
	7/6/2007	19.81	11.18	28,000	600	3,000	900	2,700	<500
	10/15/2007	20.15	10.84	25,000	290	680	410	1,100	<250
	10/15/2007	20.15	10.84	25,000	290	680	410	1,100	<250
	1/17/2007	20.22	10.77	16,000	200	130	130	460	<150
	4/9/2008	19.86	11.13	18,000	320	870	480	1,500	<250
	7/17/2008	20.36	10.63	18,000	320	510	420	1,200	<500
	10/27/2008	20.69	10.30	31,000	320	320	410	990	<350
	1/9/2009	20.83	10.16	22,000	340	390	560	1,400	<250
	4/27/2009	20.27	10.72	13,000	110	97	380	1,100	<350
	7/9/2009	20.43	10.56	18,000	250	520	470	1,300	<450
	2/3/2010	20.14	10.85	6,200	82	180	190	550	<150
	7/13/2010	19.29	11.70	12,000	260	420	480	1,600	<450
	1/17/2011	19.31	11.68	4,900	70	52	210	500	<50
	7/12/2011	18.73	12.26	1,400	20	8.5	64	130	<30
	1/11/2012	19.39	11.60	6,000	100	38	310	700	<210
	7/25/2012	19.02	11.97	2,800	31	13	140	240	<75
1/25/2013	19.35	11.64	5,400	86	34	310	620	<100	
7/29/2013	19.97	11.02	82	1.2	<0.5	<0.5	<0.5	<5.0	
1/28/2014	20.60	10.39	2,600	36	11	52	53	<50	
7/24/2014	20.70	10.29	9,600	160	53	410	590	<70	
1/22/2015	20.31	10.68	7,600	25	13	53	86	<50	
7/20/2015	20.68	10.31	12,000	160	73	540	650	<450	

PANGEA

Table 1 - Groundwater Elevation and Analytical Data.

Douglas Parking Company, 1721 Webster Street, Oakland, California

Boring / Well ID TOC	Date	Depth to Water (ft)	Groundwater Elevation (ft amsl)	TPHg <	Benzene	Toluene	Ethylbenzene (µg/L)	Xylenes	MTBE >
MW-7 33.11	6/30/2003	21.40	11.71	170	<0.5	2.1	2.0	8.7	<5.0
	7/21/2003	21.44	11.67	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	10/2/2003	21.73	11.38	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	1/15/2004	21.57	11.54	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	4/5/2004	20.84	12.27	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	8/9/2004	22.68	10.43	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	10/7/2004	23.27	9.84	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	2/7/2005	20.60	12.51	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	4/5/2005	20.22	12.89	<50	<0.5	0.75	<0.5	<0.5	<5.0 (<0.5)
	7/6/2005	20.25	12.86	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	10/10/2005	20.70	12.41	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	1/26/2006	20.32	12.79	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	4/10/2006	19.62	13.49	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	7/6/2006	20.47	12.64	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	10/26/2006	21.30	11.81	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	1/19/2007	21.62	11.49	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	4/17/2007		11.49	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	7/6/2007	21.59	11.52	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	10/15/2007	21.85	11.26	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	1/17/2007	21.90	11.21	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	4/9/2008	21.61	11.50	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	7/17/2008	22.09	11.02	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	10/27/2008	22.39	10.72	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	1/9/2009	22.52	10.59	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	4/27/2009	21.98	11.13	--	--	--	--	--	--
	7/9/2009	22.18	10.93	--	--	--	--	--	--
	2/3/2010	21.87	11.24	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	7/13/2010	21.01	12.10	---	---	---	---	---	---
	1/17/2011	21.07	12.04	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	7/12/2011	20.72	12.39	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	1/11/2012	21.13	11.98	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	7/25/2012	20.75	12.36	--	--	--	--	--	--
	1/25/2013	21.10	12.01	<50	<0.5	<0.5	<0.5	<0.5	<5.0
7/29/2013	21.70	11.41	--	--	--	--	--	--	
1/28/2014	22.34	10.77	<50	<0.5	<0.5	<0.5	<0.5	<5.0	
7/24/2014	22.41	10.70	--	--	--	--	--	--	
1/22/2015	21.99	11.12	<50	<0.5	<0.5	<0.5	<0.5	<5.0	
7/20/2015	--	--			--well paved over--				
AS-1	7/6/2006	19.53	--	18,000	2,700	570	700	1,900	<500
	10/26/2006	20.33	--	15,000	1,900	340	360	1,400	<250
	1/19/2007	20.64	--	5,700	1,100	110	88	630	<50
	1/19/2007	20.64	--	5,700	1,100	110	88	630	<50
	4/17/2007	20.71	--	--	--	--	--	--	--
	7/16/2007	--	--	--	--	--	--	--	--
	10/15/2007	--	--	--	--	--	--	--	--
	1/17/2008	--	--	--	--	--	--	--	--
	4/9/2008	--	--	--	--	--	--	--	--
	1/25/2013	--	--	70	10	<0.5	<0.5	<0.5	<5.0
AS-2	7/6/2006	22.26	--	2,100	6.1	<0.5	33	200	<20
	10/26/2006	23.25	--	280	1.1	<0.5	<0.5	6.0	<15
	1/19/2007	23.61	--	2,100	2.3	<0.5	96	310	<35
	4/17/2007	23.70	--	--	--	--	--	--	--

PANGEA

Table 1 - Groundwater Elevation and Analytical Data.

Douglas Parking Company, 1721 Webster Street, Oakland, California

Boring / Well ID <i>TOC</i>	Date	Depth to Water (ft)	Groundwater Elevation (ft amsl)	TPHg <	Benzene	Toluene	Ethylbenzene (µg/L)	Xylenes	MTBE >
AS-2	7/16/2007	--	--	--	--	--	--	--	--
(cont'd)	10/15/2007	--	--	--	--	--	--	--	--
	1/17/2008	--	--	--	--	--	--	--	--
	4/9/2008	--	--	--	--	--	--	--	--
	1/25/2013	22.02	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
AS-3	7/6/2006	21.77	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	10/26/2006	22.66	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	1/19/2007	22.97	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	4/17/2007	23.06	--	--	--	--	--	--	--
	7/16/2007	--	--	--	--	--	--	--	--
	10/15/2007	--	--	--	--	--	--	--	--
	1/17/2008	--	--	--	--	--	--	--	--
	4/9/2008	--	--	--	--	--	--	--	--
	1/25/2013	22.60	--	<50	<0.5	<0.5	0.55	<0.5	<5.0
Trip Blank	01/12/01	-	-	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	4/11/2001	-	-	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	7/6/2001	-	-	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	3/4/2002	-	-	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	10/2/2003	-	-	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	10/15/2007	--	--	--	--	--	--	--	--
Grab Groundwater									
SB-A	2/22/1996	--	--	16,000	38	16	180	620	--
SB-B	2/22/1996	--	--	20,000	100	29	320	590	--
SB-C	2/22/1996	--	--	1,200	130	100	68	230	--
SB-D	2/22/1996	--	--	7,400	550	110	160	89	--
SB-E	2/23/1996	--	--	16,000	31	160	390	1,400	--
SB-F	2/23/1996	--	--	<50	<0.5	1.4	<0.5	2.3	--
SB-G	2/23/1996	--	--	5,200	1.3	<0.5	0.7	<0.5	--
EB-1GWS	7/8/1994	--	--	62,000	<0.5	26	850.0	8,900	--
EB-2GWS	7/8/1994	--	--	160,000	5,300	20,000	2,100	17,000	--
EB-3GWS	7/8/1994	--	--	87,000	1,400	21,000	1,700	19,000	--
EB-4GWS	7/8/1994	--	--	350,000	290	1,300	3,200	31,000	--
EB-5GWS	7/8/1994	--	--	120,000	2,100.0	13,000	1,300.0	16,000	--
EB-6GWS	7/8/1994	--	--	230,000	10,000	34,000	2,300	16,000	--

PANGEA

Table 1 - Groundwater Elevation and Analytical Data.

Douglas Parking Company, 1721 Webster Street, Oakland, California

Boring / Well ID <i>TOC</i>	Date	Depth to Water (ft)	Groundwater Elevation (ft amsl)	TPHg	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE
-----------------------------------	------	---------------------------	---------------------------------------	------	---------	---------	--------------	---------	------

Notes and Abbreviations:

TOC = Top of casing elevations in feet above mean sea level.

ft amsl = Measured in feet above mean sea level

µg/L = Micrograms per liter.

TPHg = Total petroleum hydrocarbons as gasoline by modified EPA Method 8015C.

BTEX = Benzene, toluene, ethylbenzene, and xylenes by EPA Method 8021B.

MTBE = Methyl tertiary butyl ether by EPA Method 8021B, and by EPA Method 8260 in parenthesis.

<0.5 = Concentration not detected above specific laboratory reporting limit.

-- = Not analyzed, not sampled, or not applicable.

ND = Not detected.

Data prior to 7/11/95 from Gen Tech and Piers Environmental Quarterly Groundwater Monitoring Reports dated December 2, 1994 and March 6, 1995, respectively.

On July 31, 2003, Virgil Chavez Land Surveying of Vallejo, California surveyed monitoring wells using a benchmark in the top of the curb near the SW return of the NW corner of 34th and Broadway.

Pangea

Table 2. Subslab Gas Analytical Data - Douglas Parking, 1721 Webster Street, Oakland, California

Boring/ Sample ID	Date Sampled	Sample Depth (ft - ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	TPH Gasoline	MTBE	Naphthalene	Acetylene	Helium	Oxygen	Notes
			ug/m ³									%	
Residential ESL for shallow soil gas:			42	160,000	490	52,000	300,000	4,700	36	--	--	--	For SG/SS samples
Commercial ESL for shallow soil gas:			420	1,300,000	4,900	440,000	2,500,000	47,000	360	--	--	--	For SG/SS samples
No Bio-Attenuation Zone, Residential (LTCP)			85	--	1,100	--	--	--	93	--	--	--	
No Bio-Attenuation Zone, Commercial (LTCP)			280	--	3,600	--	--	--	310	--	--	--	
With Bio-Attenuation Zone, Residential (LTCP)			85,000	--	1,100,000	--	--	--	93,000	--	--	--	
With Bio-Attenuation Zone, Commercial (LTCP)			280,000	--	3,600,000	--	--	--	310,000	--	--	--	

Subslab Gas Samples

SS-1	11/14/2013	0.5 - 0.7	<1.6	<1.9	<2.2	<6.6	2,300	<1.8	<5.3	--	0.13	17	For other VOC detections see the lab report.
	6/23/2015	0.5 - 0.7					--floor refinshed, probe covered--						
SS-2	11/13/2013	0.5 - 0.7	58	2.7	<2.2	<6.6	2,000	<1.8	<5.3	--	0.48	16	For other VOC detections see the lab report.
	6/23/2015	0.5 - 0.7	<1.6	3.7	2.3	14	<720	<1.8	<5.3	<50	--	--	
SS-3	11/13/2013	0.8 - 1.0	71	2.6	<2.2	<6.6	1,400	<1.8	<5.3	--	0.13	17	For other VOC detections see the lab report.
	6/23/2015	0.8 - 1.0	<1.6	3.3	<2.2	13	1,100	<1.8	<5.3	<50	--	--	

Abbreviations:

SG-1 = Soil Gas Sample

SS-1 = Subslab Sample

ug/m³ = Micrograms per cubic meter of air results calculated by laboratory from parts per billion results using normal temperature and pressure (NPT).

ft - ft bgs = Depth interval below ground surface (bgs) in feet.

% = Percent of total sample volume.

Volatile organic compounds (VOCs) by EPA Method TO-15 (partial list), uses GC/MS scan.

Oxygen by Modified ASTM Method D-1946, uses GC/TCD scan.

< n = Chemical not present at a concentration in excess of detection limit shown.

MRL = Method reporting limit. Laboratory reporting limit based on parts per billion on volume to volume basis (ppbv/v) and converted to ug/m³.

ESL = Environmental Screening Level for Shallow Soil Gas with Residential and Commercial/Industrial Land Use, for samples less than five feet below a building foundation or ground surface, established by the SFBRWQCB, Interim Final - November 2007, and amended in December 2013 (Table E-2).

ESL established by the SFBRWQCB, Interim Final - November 2007, and amended in December 2013.

LTCP = Low Threat Closure Policy

Bold = Concentrations above Lowest ESLs for Commercial Land Use for shallow soil gas (SG & SS samples).

Table 3. SVE/AS System Performance Summary - 1721 Webster Street, Oakland, California

Date	Sample ID	FIELD MEASUREMENTS				ANALYTICAL RESULTS		REMOVAL				Air Sparge Unit on? (yes/no)	Comments
		Hour Meter Reading (hours)	System Vapor Flow Rate (cfm)	Vapor Applied Vacuum ("H2O)	FID Reading (ppm)	TPHg Lab Data (ppmv)	Benzene Lab Data (ppmv)	SVE TPHg Removal Rate (lbs/day)	Cumulative SVE TPHg Removal (lbs)	SVE Benzene Removal Rate (lbs/day)	Cumulative SVE Benzene Removal (lbs)		
10/29/07	N/A	1.0	0	0	0	0	0	0	0	0	0	no	System start up
10/29/07	SYS-INF SYS-MID SYS-EFF	1.5	104	68	3,400	9,600	76	320.3	6.7	2.30	0.05	no	
					8	23	ND<0.077						
					0	27	0.15						
10/30/07	SYS-INF SYS-MID SYS-EFF	24.3	50	27	37,000	9,000	74	144.4	143.8	1.08	1.07	no	Readings upon arrival
					635	ND<7.0	ND<0.077						
					700	60	0.29						
10/30/07	SYS-INF SYS-MID SYS-EFF	25.2	45	27	3,200	1,500	11	21.7	144.6	0.14	1.08	no	readings after dilution air introduced to reduce noise and limit hydrocarocarbon loading on carbon (prevent thermal excursion/fire).
					620	ND<7.0	ND<0.077						
					530	ND<7.0	ND<0.077						
10/31/07	SYS-INF SYS-MID SYS-EFF	48.8	40	27	922*	880	8.6	11.3	155.7	0.10	1.17	no	Dilution airflow set at ~25% of total flow
					0*	ND<7.0	ND<0.077						
					0*	ND<7.0	ND<0.077						
11/01/07	SYS-INF SYS-MID SYS-EFF	78.8	39	27	1,475	---	---	11.0	169.5	0.10	1.30	no	
					14	---	---						
					9	---	---						
11/02/07	SYS-INF SYS-MID SYS-EFF	100.2	40	27	736	---	---	11.3	179.6	0.10	1.39	no	Shut system down at 100.5 hours for weekend
					19	---	---						
					10	---	---						
11/05/07	SYS-INF SYS-MID SYS-EFF	100.9	38	27	1,546	---	---	10.7	179.9	0.10	1.39	no	Restart system at 100.5 hours on 11/5/07
					30	---	---						
					4	---	---						
11/06/07	SYS-INF SYS-MID SYS-EFF	126.7	38	27	213	---	---	10.7	191.4	0.10	1.49	no	
					0	---	---						
					0	---	---						
11/07/07	SYS-INF SYS-MID SYS-EFF	154.7	45	27	170	---	---	12.7	206.2	0.11	1.62	no	
					0	---	---						
					0	---	---						

Table 3. SVE/AS System Performance Summary - 1721 Webster Street, Oakland, California

Date	Sample ID	FIELD MEASUREMENTS				ANALYTICAL RESULTS		REMOVAL				Air Sparge Unit on? (yes/no)	Comments
		Hour Meter Reading (hours)	System Vapor Flow Rate (cfm)	Applied Vacuum ("H2O)	FID Reading (ppm)	TPHg Lab Data (ppmv)	Benzene Lab Data (ppmv)	SVE TPHg Removal Rate (lbs/day)	Cumulative SVE TPHg Removal (lbs)	SVE Benzene Removal Rate (lbs/day)	Cumulative SVE Benzene Removal (lbs)		
11/08/07	SYS-INF	178.2	47	27	160	---	13.3	219.2	0.12	1.74	no	Lab analysis performed for methane; 2.4 ul/L detected in SYS EFF	
	SYS-MID				0	---							
	SYS-EFF				0	---							
11/09/07	SYS-INF	200.3	45	31	163	---	12.7	230.9	0.11	1.84	no	Shut system down at 200.3 hours for weekend	
	SYS-MID				0	---							
	SYS-EFF				0	---							
11/12/07	SYS-INF	206.3	42	28	211	---	11.9	233.9	0.11	1.87	yes	Restart system at 200.3 hours on 11/12/07; start air sparge system	
	SYS-MID				0	---							
	SYS-EFF				2	---							
11/13/07	SYS-INF	225.6	46	28	2,937	---	13.0	244.3	0.12	1.96	yes		
	SYS-MID				0	---							
	SYS-EFF				4	---							
11/14/07	SYS-INF	253.0	45	28	4,113	---	12.7	258.9	0.11	2.09	yes		
	SYS-MID				0	---							
	SYS-EFF				0	---							
11/15/07	SYS-INF	278.4	45	28	2,810	---	12.7	272.3	0.11	2.21	yes		
	SYS-MID				0	---							
	SYS-EFF				0	---							
11/16/07	SYS-INF	301.4	43	28	2,570	---	12.1	283.9	0.11	2.31	yes		
	SYS-MID				0	---							
	SYS-EFF				0	---							
11/17/07	SYS-INF	327.1	42	41	11	---	11.9	296.6	0.11	2.42	yes		
	SYS-MID				0	---							
	SYS-EFF				0	---							
11/18/07	SYS-INF	352.1	44	41	530	---	12.4	309.6	0.11	2.54	yes		
	SYS-MID				0	---							
	SYS-EFF				0	---							
11/19/07	SYS-INF	375.2	42	41	24	22	0.3	309.9	0.00	2.54	yes		
	SYS-MID				0	---							
	SYS-EFF				0	---							

Table 3. SVE/AS System Performance Summary - 1721 Webster Street, Oakland, California

Date	Sample ID	FIELD MEASUREMENTS				ANALYTICAL RESULTS		REMOVAL				Air Sparge Unit on? (yes/no)	Comments		
		Hour Meter Reading (hours)	System Vapor Flow Rate (cfm)	Vapor Applied Vacuum ("H2O)	FID Reading (ppm)	TPHg Lab Data (ppmv)	Benzene Lab Data (ppmv)	SVE Removal Rate (lbs/day)	Cumulative SVE TPHg Removal (lbs)	SVE Benzene Removal Rate (lbs/day)	Cumulative SVE Benzene Removal (lbs)				
11/20/07	SYS-INF SYS-MID SYS-EFF	398.8	49	68	660 0 0	--- --- ---	---	---	0.3	310.2	0.00	2.54	yes	Increased system vacuum by closing off recirculation valve on blower.	
11/26/07	SYS-INF SYS-MID SYS-EFF	426.3	49	68	1,800 0 0	--- --- ---	---	---	0.3	310.6	0.00	2.54	yes	Received verbal approval from BAAQMD to decrease monitoring from daily to weekly.	
12/03/07	SYS-INF SYS-MID SYS-EFF	593.5	48	61	1,300 0 0	--- --- ---	---	---	0.3	313.0	0.00	2.54	yes		
12/14/07	SYS-INF SYS-MID SYS-EFF	853.0	52	54	280 0 0	280 <7.0 <7.0	0.17 <0.077 <0.077	---	---	4.7	363.5	0.003	2.57	yes	
12/21/07	SYS-INF SYS-MID SYS-EFF	1,021.5	58	54	0 0 0	170 <7.0 <7.0	0.14 <0.077 <0.077	---	---	3.2	385.7	0.00	2.58	yes	SVE shutdown after reading, restarted
12/27/07	SYS-INF SYS-MID SYS-EFF	1,163.5	40	54	NM NM NM	--- --- ---	---	---	---	2.2	398.6	0.00	2.59	yes	SVE shutdown on arrival, restart and monitor
12/28/07	SYS-INF SYS-MID SYS-EFF	1,188.5	50	54	14 0 0	14 <7.0 <7.0	<0.077 <0.077 <0.077	---	---	0.2	398.8	0.00	2.59	yes	
01/03/08	SYS-INF SYS-MID SYS-EFF	1,329.5	51	54	50 0 0	50 15 <7.0	<0.077 <0.077 <0.077	---	---	0.8	403.6	0.00	2.59	yes	
01/10/08	SYS-INF SYS-MID SYS-EFF	1,430.2	50	54	0 0 0	16 13 <7.0	<0.077 <0.077 <0.077	---	---	0.3	404.7	0.00	2.59	no	AS system off while sampling
1/15/2008*	SYS-INF SYS-MID SYS-EFF	1,546.0	50	81	--	1,200 7.7 <7.0	2.1 <0.077 <0.077	---	---	19.2	497.6	0.03	2.74	yes	

Table 3. SVE/AS System Performance Summary - 1721 Webster Street, Oakland, California

Date	Sample ID	FIELD MEASUREMENTS				ANALYTICAL RESULTS		REMOVAL				Air Sparge Unit on? (yes/no)	Comments
		Hour Meter Reading (hours)	System Vapor Flow Rate (cfm)	Vapor Applied Vacuum ("H2O)	FID Reading (ppm)	TPHg Lab Data (ppmv)	Benzene Lab Data (ppmv)	SVE Removal Rate (lbs/day)	Cumulative SVE TPHg Removal (lbs)	SVE Benzene Removal Rate (lbs/day)	Cumulative SVE Benzene Removal (lbs)		
1/23/2008*	SYS-INF SYS-MID SYS-EFF	1,694.5	50	95	--	1,300 11 <7.0	1.6 <0.077 <0.077	20.9	626.6	0.02	2.88	yes	
01/30/08	SYS-INF SYS-MID SYS-EFF	1,864.6	49	81	--	2,300 24 <7.0	2.6 <0.077 <0.077	36.2	882.9	0.04	3.15	yes	
02/06/08	SYS-INF SYS-MID SYS-EFF	2,027.5	50	81	--	1,700 43 <7.0	2.9 <0.077 <0.077	27.3	1,068.0	0.04	3.43	yes	
02/12/08	SYS-INF SYS-MID SYS-EFF	2,173.3	60	95	--	1,500 520 28	1.7 1.1 <0.077	28.9	1,243.4	0.03	3.61	yes	
02/21/08	SYS-INF SYS-MID SYS-EFF	2,394.1	65	95	--	---	---	31.3	1,531.2	0.03	3.91	yes	Samples not picked up by the courier before hold time expired.
02/29/08	SYS-INF SYS-MID SYS-EFF	2,580.5	27	95	--	1,100 890 <7.0	1.4 5.3 <0.077	9.5	1,605.2	0.01	3.99	yes	System shut down for future changeout of carbon in first vessel.
04/07/08	SYS-INF SYS-MID SYS-EFF	2,581.4	44	7.5	--	1,100 ---	1.4 ---	15.5	1,605.8	0.02	3.99	yes	Restart system after carbon changeout
04/10/08	SYS-INF SYS-MID SYS-EFF	2,650.3	26	7	--	1,200 <7.0 <7.0	3.6 <0.077 <0.077	10.0	1,634.5	0.03	4.07	yes	
04/17/08	SYS-INF SYS-MID SYS-EFF	2,826.1	28	8	962 3 3	---	---	10.8	1,713.5	0.03	4.29	yes	
04/23/08	SYS-INF SYS-MID SYS-EFF	2,969.4	26	7.5	--	1,100 <7.0 <7.0	1.5 <0.077 <0.077	9.2	1,768.2	0.01	4.36	yes	

Table 3. SVE/AS System Performance Summary - 1721 Webster Street, Oakland, California

Date	Sample ID	FIELD MEASUREMENTS				ANALYTICAL RESULTS		REMOVAL				Air Sparge Unit on? (yes/no)	Comments
		Hour Meter Reading (hours)	System Vapor Flow Rate (cfm)	Applied Vacuum ("H2O)	FID Reading (ppm)	TPHg Lab Data (ppmv)	Benzene Lab Data (ppmv)	SVE TPHg Removal Rate (lbs/day)	Cumulative SVE TPHg Removal (lbs)	SVE Benzene Removal Rate (lbs/day)	Cumulative SVE Benzene Removal (lbs)		
04/30/08	SYS-INF SYS-MID SYS-EFF	3,136.8	23	7.5	--	780 <7.0 <7.0	1.4 <0.077 <0.077	5.8	1,808.4	0.01	4.42	yes	
05/07/08	SYS-INF SYS-MID SYS-EFF	3,304.6	28	8	378 0 0	--- --- ---	--- --- ---	7.0	1,857.4	0.01	4.50	yes	
05/14/08	SYS-INF SYS-MID SYS-EFF	3,472.2	26	8	523 6 0	--- --- ---	--- --- ---	6.5	1,902.8	0.01	4.57	yes	
05/23/08	SYS-INF SYS-MID SYS-EFF	3,690.2	28	7	264 0 0	--- --- ---	--- --- ---	7.0	1,966.5	0.01	4.68	yes	
05/30/08	SYS-INF SYS-MID SYS-EFF	3,859.2	36	7	317 1 0	--- --- ---	--- --- ---	9.0	2,029.9	0.01	4.78	yes	
06/05/08	SYS-INF SYS-MID SYS-EFF	3,999.6	38	7	350 0 0	--- --- ---	--- --- ---	9.5	2,085.5	0.02	4.87	yes	
06/13/08	SYS-INF SYS-MID SYS-EFF	4,193.1	38	7	--	700 <7.0 <7.0	1.6 <0.077 <0.077	8.5	2,154.3	0.02	5.01	yes	
06/19/08	SYS-INF SYS-MID SYS-EFF	4336.7	25	7	349 -- 0	--- --- ---	--- --- ---	5.6	2,187.9	0.01	5.08	yes	
06/27/08	SYS-INF SYS-MID SYS-EFF	4,529.7	25	7	335 0 0	--- --- ---	--- --- ---	5.6	2,233.1	0.01	5.18	yes	
07/10/08	SYS-INF SYS-MID SYS-EFF	4,839.0	56	8	256 40 0	--- --- ---	--- --- ---	12.6	2,395.2	0.03	5.51	yes	

Table 3. SVE/AS System Performance Summary - 1721 Webster Street, Oakland, California

Date	Sample ID	FIELD MEASUREMENTS				ANALYTICAL RESULTS		REMOVAL				Air Sparge Unit on? (yes/no)	Comments
		Hour Meter Reading (hours)	System Vapor Flow Rate (cfm)	Vapor Applied Vacuum ("H2O)	FID Reading (ppm)	TPHg Lab Data (ppmv)	Benzene Lab Data (ppmv)	SVE TPHg Removal Rate (lbs/day)	Cumulative SVE TPHg Removal (lbs)	SVE Benzene Removal Rate (lbs/day)	Cumulative SVE Benzene Removal (lbs)		
07/18/08	SYS-INF	5,032.0	33	8	330	---	7.4	2,454.8	0.02	5.64	yes		
	SYS-MID				174	---							
	SYS-EFF				0	---							
7/24/2008**	SYS-INF	5,178.0	33	8	360	---	7.4	2,499.8	0.02	5.73	yes		
	SYS-MID				187	---							
	SYS-EFF				0	---							
8/1/2008**	SYS-INF	5,368.0	33	8	248	---	7.4	2,558.5	0.02	5.85	yes		
	SYS-MID				193	---							
	SYS-EFF				0	---							
8/8/2008**	SYS-INF	5,536.7	17	4.5	146	---	3.8	2,585.3	0.01	5.91	yes		
	SYS-MID				153	---							
	SYS-EFF				0	---							
8/18/2008**	SYS-INF	5,774.1	17	4.5	365	840	4.6	2,630.7	0.01	5.96	yes		
	SYS-MID				170	140							
	SYS-EFF				0	<7.0							
08/22/08	SYS-INF	5,873.9	17	4	325	---	4.6	2,649.7	0.01	5.98	yes		
	SYS-MID				207	---							
	SYS-EFF				0	---							
09/05/08	SYS-INF	6,208.4	14	5	385	---	3.6	2,700.4	0.004	6.05	yes		
	SYS-MID				219	---							
	SYS-EFF				23	---							
10/06/08	SYS-INF	6,211.0	13	5	443	1,000	3.4	2,700.8	0.004	6.05	yes		
	SYS-MID				23	---							
	SYS-EFF				0	<7.0							
10/14/08	SYS-INF	6,405.0	15	5	215	---	4.7	2,738.4	0.00	6.05	yes		
	SYS-MID				0	---							
	SYS-EFF				0	---							
10/23/08	SYS-INF	6,615.7	14	5	205	---	4.5	2,777.8	0.01	6.11	yes		
	SYS-MID				0	---							
	SYS-EFF				0	---							

Table 3. SVE/AS System Performance Summary - 1721 Webster Street, Oakland, California

Date	Sample ID	FIELD MEASUREMENTS				ANALYTICAL RESULTS		REMOVAL				Air Sparge Unit on? (yes/no)	Comments
		Hour Meter Reading (hours)	System Vapor Flow Rate (cfm)	Vapor Applied Vacuum ("H2O)	FID Reading (ppm)	TPHg Lab Data (ppmv)	Benzene Lab Data (ppmv)	SVE TPHg Removal Rate (lbs/day)	Cumulative SVE TPHg Removal (lbs)	SVE Benzene Removal Rate (lbs/day)	Cumulative SVE Benzene Removal (lbs)		
10/29/08	SYS-INF	6,760.3	21	5	160	---	---	6.6	2,817.5	0.01	6.17	yes	
	SYS-MID				0	---	---						
	SYS-EFF				0	---	---						
11/17/08	SYS-INF	7,221.4	20	5	98	---	---	6.3	2,937.6	0.01	6.37	yes	
	SYS-MID				0	---	---						
	SYS-EFF				0	---	---						
11/25/08	SYS-INF	7,413.9	19	5	24	---	---	6.1	2,986.5	0.01	6.45	yes	
	SYS-MID				0	---	---						
	SYS-EFF				0	---	---						
12/05/08	SYS-INF	7,652.3	15	5	74	---	---	4.8	3,034.3	0.01	6.53	yes	
	SYS-MID				0	---	---						
	SYS-EFF				0	---	---						
12/16/08	SYS-INF	7,915.0	15	5	21	77	<0.077	0.4	3,038.4	0.00	6.53	yes	
	SYS-MID				0	---	---						
	SYS-EFF				0	<7.0	<0.077						
12/23/08	SYS-INF	8,079.4	20	5	22	---	---	0.5	3,041.7	0.00	6.53	yes	
	SYS-MID				0	---	---						
	SYS-EFF				0	---	---						
12/31/08	SYS-INF	8,277.1	30	5	24	---	---	0.7	3,047.8	0.00	6.53	yes	
	SYS-MID				0	---	---						
	SYS-EFF				0	---	---						
01/06/09	SYS-INF	8,416.9	27	5	28	---	---	0.7	3,051.6	0.00	6.53	yes	
	SYS-MID				0	---	---						
	SYS-EFF				0	---	---						
01/20/09	SYS-INF	8,756.6	27	5	NM	---	---	0.7	3,061.1	0.00	6.53	yes	
	SYS-MID				---	---	---						
	SYS-EFF				---	---	---						
02/06/09	SYS-INF	8,756.6	25	5	50	50	<0.077	0.4	3,061.1	0.00	6.53	yes	
	SYS-MID				0	---	---						
	SYS-EFF				0	---	---						

Table 3. SVE/AS System Performance Summary - 1721 Webster Street, Oakland, California

Date	Sample ID	FIELD MEASUREMENTS				ANALYTICAL RESULTS		REMOVAL				Air Sparge Unit on? (yes/no)	Comments
		Hour Meter Reading (hours)	System Vapor Flow Rate (cfm)	Vapor Applied Vacuum ("H2O)	FID Reading (ppm)	TPHg Lab Data (ppmv)	Benzene Lab Data (ppmv)	SVE TPHg Removal Rate (lbs/day)	Cumulative SVE TPHg Removal (lbs)	SVE Benzene Removal Rate (lbs/day)	Cumulative SVE Benzene Removal (lbs)		
02/26/09	SYS-INF	9,002.6	22	5	13	---	---	0.3	3,064.6	0.00	6.53	yes	Restart system, off on arrival
	SYS-MID				1	---	---						
	SYS-EFF				0	---	---						
03/06/09	SYS-INF	9,197.4	23	5	5	---	---	0.4	3,067.6	0.00	6.53	yes	
	SYS-MID				0	---	---						
	SYS-EFF				0	---	---						
03/13/09	SYS-INF	9,360.4	22	5	NM	20	<0.077	0.1	3,068.5	0.00	6.53	yes	
	SYS-MID				NM	<7.0	<0.077						
	SYS-EFF				NM	<7.0	<0.077						
03/18/09	SYS-INF	9,480.4	21	5	5	---	---	0.1	3,069.2	0.00	6.53	yes	
	SYS-MID				0	---	---						
	SYS-EFF				0	---	---						
03/26/09	SYS-INF	9,675.1	21	5	5	---	---	0.1	3,070.3	0.00	6.53	yes	
	SYS-MID				0	---	---						
	SYS-EFF				0	---	---						
04/03/09	SYS-INF	9,868.7	21	5	4	---	---	0.1	3,071.4	0.00	6.53	yes	
	SYS-MID				0	---	---						
	SYS-EFF				0	---	---						
04/10/09	SYS-INF	10,035.7	22	5	1	---	---	0.1	3,072.4	0.00	6.53	yes	
	SYS-MID				0	---	---						
	SYS-EFF				0	---	---						
04/17/09	SYS-INF	10,203.7	21	5	4	---	---	0.1	3,073.3	0.00	6.53	yes	
	SYS-MID				0	---	---						
	SYS-EFF				0	---	---						
04/24/09	SYS-INF	10,366.7	19	5	4	---	---	0.1	3,074.2	0.00	6.53	yes	Shut AS/SVE off for upcoming QM
	SYS-MID				0	---	---						
	SYS-EFF				0	---	---						
05/01/09	SYS-INF	10,366.7	20	5	3	---	---	0.1	3,074.2	0.00	6.53	yes	Restart SVE/AS
	SYS-MID				0	---	---						
	SYS-EFF				0	---	---						
05/08/09	SYS-INF	10,543.3	21	5	15	---	---	0.1	3,075.1	0.00	6.53	yes	
	SYS-MID				0	---	---						
	SYS-EFF				0	---	---						
05/15/09	SYS-INF	10,711.8	20	5	32	---	---	0.1	3,076.0	0.00	6.53	yes	
	SYS-MID				0	---	---						
	SYS-EFF				0	---	---						

Table 3. SVE/AS System Performance Summary - 1721 Webster Street, Oakland, California

Date	Sample ID	FIELD MEASUREMENTS				ANALYTICAL RESULTS		REMOVAL				Air Sparge Unit on? (yes/no)	Comments	
		Hour Meter Reading (hours)	System Vapor Flow Rate (cfm)	Vapor Applied ("H2O)	FID Reading (ppm)	TPHg Lab Data (ppmv)	Benzene Lab Data (ppmv)	SVE TPHg Removal Rate (lbs/day)	Cumulative SVE TPHg Removal (lbs)	SVE Benzene Removal Rate (lbs/day)	Cumulative SVE Benzene Removal (lbs)			
05/22/09	SYS-INF SYS-MID SYS-EFF	10,879.5	0	0	NM NM NM	--- --- ---	---	---	0.0	3,076.0	0.00	6.53	no	AS compressor down; shut SVE off
09/18/09	SYS-INF SYS-MID SYS-EFF	10,879.5	22	5	41 0 0	--- --- ---	---	---	0.1	3,076.0	0.00	6.53	yes	Restart AS and SVE after repairing AS comp
10/30/09	SYS-INF SYS-MID SYS-EFF	11,889.8	20	5	35 0 0	--- --- ---	---	---	0.1	3,081.5	0.00	6.53	no	SVE on, AS comp has blown fuse
11/30/09	SYS-INF SYS-MID SYS-EFF	12,631.8	20	5	31 0 0	--- --- ---	---	---	0.1	3,085.4	0.00	6.53	yes	Replace fuse, restart AS
12/16/09	SYS-INF SYS-MID SYS-EFF	13,017.6	22	5	22 0 0	--- --- ---	---	---	0.1	3,087.7	0.00	6.53	yes	
01/18/10	SYS-INF SYS-MID SYS-EFF	13,808.6	24	5	27 0 0	--- --- ---	---	---	0.2	3,092.8	0.00	6.53	yes	
02/03/10	SYS-INF SYS-MID SYS-EFF	14,193.0	12	4	34 0 0	72 <7.0 <7.0	0.25 <0.077 <0.077	---	0.3	3,097.2	0.00	6.53	yes	Serviced SVE blower, collected lab samples
04/07/10	SYS-INF SYS-MID SYS-EFF	15,701.1	12	5	45 0 0	--- --- ---	---	---	0.3	3,114.6	0.00	6.58	no	AS off, compressor non-op
05/07/10	SYS-INF SYS-MID SYS-EFF	16,425.2	27	0	43 0 0	--- --- ---	---	---	0.6	3,133.4	0.00	6.64	no	AS off, compressor non-op
06/07/10	SYS-INF SYS-MID SYS-EFF	17,168.0	27	0	46 0 0	84 <7.0 <7.0	0.29 <0.077 <0.077	---	0.7	3,155.5	0.00	6.71	no	AS off, compressor non-op
07/15/10	SYS-INF SYS-MID SYS-EFF	18,075.8	23	0	4 2 0	--- --- ---	---	---	0.6	3,179.1	0.00	6.79	no	AS off, compressor non-op
08/18/10	SYS-INF SYS-MID SYS-EFF	18,434.1	30	0	26 2 0	--- --- ---	---	---	0.8	3,191.3	0.00	6.82	no	Restart system, off on arrival

Table 3. SVE/AS System Performance Summary - 1721 Webster Street, Oakland, California

Date	Sample ID	FIELD MEASUREMENTS				ANALYTICAL RESULTS		REMOVAL				Air Sparge Unit on? (yes/no)	Comments
		Hour Meter Reading (hours)	System Vapor Flow Rate (cfm)	Applied Vacuum ("H2O)	FID Reading (ppm)	TPHg Lab Data (ppmv)	Benzene Lab Data (ppmv)	SVE TPHg Removal Rate (lbs/day)	Cumulative SVE TPHg Removal (lbs)	SVE Benzene Removal Rate (lbs/day)	Cumulative SVE Benzene Removal (lbs)		
09/22/10	SYS-INF	19,173.6	25	0	17	66	0.21	0.5	3,208.0	0.00	6.87	no	Restart system, off on arrival
	SYS-MID				2	<7.0	<0.077						
	SYS-EFF				0	<7.0	<0.077						
10/22/10	SYS-INF	19,345.1	25	0	14	---	---	0.5	3,211.8	0.00	6.88	no	Restart system, off on arrival
	SYS-MID				1	---	---						
	SYS-EFF				0	---	---						
11/23/10	SYS-INF	19,395.5	0	0	NM	---	---	0.0	3,211.8	0.00	6.88	no	Off on arrival, system shutdown October 26, 2010 for rainy season.
	SYS-MID				NM	---	---						
	SYS-EFF				NM	---	---						

Notes:

NM = not measured

cfm = cubic feet per minute.

ppmv = Parts per million by volume

lbs = Pounds

"H2O = Inches of water

SVE/AS = Soil vapor extraction and air sparge

FID = Flame Ionization Detector.

Hydrocarbon Removal/Emission Rate = Rate based on Bay Area Air Quality Management District's Manual of Procedures for Soil Vapor Extraction dated July 17, 1991.

Rate = vapor analytical concentration (ppmv) x system flowrate (scfm) x (1lb-mole/386 ft³) x molecular weight (86 lb/lb-mole for TPH-Gas hexane) x 1440 min/day x 1/1,000,000.

* = Subtracted carbon tip readings of 28, 17, and 10, respectively, from influent, midpoint and effluent readings without carbon tip to account for methane.

(--) = not sampled

*Soil vapor flow rates were not measured on 1/15/08 and 1/23/08 due to equipment breakage. For hydrocarbon mass removal calculation purposes, the flow rate recorded during the 1/10/08 visit was used.

**Vapor flow meter being serviced from 7-24-2008 through 8-18-2008. Flow rates assumed from previous data, field observations, and adjustments made to system.

Table A - Groundwater Monitoring Program
Douglas Parking Company, 1721 Webster Street, Oakland, CA.

Well ID	Well Type	Screened Interval (ft bgs)	Well Location for Monitoring	Casing Diam. (in)	Gauge Frequency	Sample Frequency	TPH _g /BTEX/MTBE	TAME/TBA/DIPE/ETBE/MTBE
Onsite Monitoring and Remediation Wells								
MW-1	Mon	17-30	Source Area	2	1st, 3rd	1st	1st	---
MW-2	Mon	19.5-29.5	Downgradient	2	1st, 3rd	1st, 3rd	1st, 3rd	---
MW-3	Mon	20-30	Upgradient	2	1st, 3rd	1st, 3rd	1st, 3rd	---
AS-1	Rem	27-30	Source Area	1	---	---	---	---
AS-2	Rem	27-30	Source Area	2	---	---	---	---
AS-3	Rem	27-30	Source Area	2	---	---	---	---
Offsite Monitoring Wells								
MW-4	Mon	15-30	Mid-Downgradient	2	1st, 3rd	1st, 3rd	1st, 3rd	---
MW-5	Mon	10-25	Downgradient	2	1st, 3rd	1st	1st	---
MW-6	Mon	15-30	Crossgradient	2	1st, 3rd	1st, 3rd	1st, 3rd	---
MW-7	Mon	15-30	Upgradient	2	1st, 3rd	1st	1st	---

Notes and Abbreviations:

1st = Sampled during the 1st quarter, typically January

1st, 3rd = Sampled during the 1st and 3rd quarters, typically January and July

Mon = Groundwater Monitoring Only

Rem= Remediation Well Only

--- = None or not applicable

AS-1 = Air Sparging Well



January 22, 2014

VIA ALAMEDA COUNTY FTP SITE

Ms. Dilan Roe
Alameda County Environmental Health
1131 Harbor Bay Parkway, 2nd Floor
Alameda, California 94502

Re: **Data Gap Site Assessment Report**
Douglas Parking Company
1721 Webster Street
Oakland, California
ACEH File No. 129

Dear Ms. Roe:

On behalf of Douglas Parking Company, Pangea Environmental Services, Inc. (Pangea) has prepared this *Data Gap Site Assessment Report* for the subject site. This report documents implementation of the *Revised Data Gap Workplan* dated July 25, 2013 and the *Addendum to Revised Data Gap Workplan* dated October 21, 2013, which were approved in a September 13, 2013 Alameda County Environmental Health (ACEH) letter and an October 16, 2013 email. As requested by ACEH, this report includes an updated site conceptual model (SCM) in tabular format describing major SCM elements and potential data gaps.

If you have any questions or comments, please call me at (510) 435-8664 or email briddell@pangeaenv.com.

Sincerely,
Pangea Environmental Services, Inc.

A handwritten signature in blue ink that reads "Bob Clark-Riddell".

Bob Clark-Riddell, P.E.
Principal Engineer

Attachment: *Data Gap Site Assessment Report*

cc: Mr. Lee Douglas, Douglas Parking Company, 1721 Webster Street, Oakland, California 94612
SWRCB Geotracker Database (electronic copy)

PANGEA Environmental Services, Inc.

1710 Franklin Street, Suite 200, Oakland, CA 94612 Telephone 510.836.3700 Facsimile 510.836.3709 www.pangeaenv.com



DATA GAP SITE ASSESSMENT REPORT

**Douglas Parking Company
1721 Webster Street
Oakland, California
ACEH File No. 129**

January 22, 2014

Prepared for:

Mr. Lee Douglas
1721 Webster Street
Oakland, California 94612

Prepared by:

Pangea Environmental Services, Inc.
1710 Franklin Street, Suite 200
Oakland, California 94612

Written by:



Tina de la Fuente
Project Scientist

Bob Clark-Riddell, P.E.
Principal Engineer

PANGEA Environmental Services, Inc.

1710 Franklin Street, Suite 200, Oakland, CA 94612 Telephone 510.836.3700 Facsimile 510.836.3709 www.pangeaenv.com

INTRODUCTION

On behalf of Douglas Parking Company, Pangea Environmental Services, Inc. (Pangea) has prepared this *Data Gap Site Assessment Report* for the subject site. This report documents implementation of the *Revised Data Gap Workplan* (Workplan) dated July 25, 2013 and the *Addendum to Revised Data Gap Workplan* (Addendum) dated October 21, 2013, which were approved in the September 13, 2013 Alameda County Environmental Health (ACEH) letter and an October 16, 2013 email. The purpose of this investigation was to evaluate site conditions with respect to criteria of the Low Threat Closure Policy (LTCP) adopted by the State Water Resources Control Board. As requested by ACEH, this report includes an updated site conceptual model (SCM) in tabular format describing major SCM elements and potential data gaps (Appendix A).

SITE BACKGROUND

Site Description

The site is currently being utilized as a parking garage, and is located between 17th and 19th Streets in downtown Oakland, California, approximately four miles east of San Francisco Bay and one quarter mile west of Lake Merritt (Figure 1). The site is relatively flat with an elevation of approximately 30 feet (ft) above mean sea level (msl).

Several former underground storage tank (UST) sites are located close to the site, including Prentiss Properties to the northeast at 1750 Webster Street, a former gas station to the east at 1700 Webster, and a former Chevron service station which is located approximately 400 feet to the southwest on the corner of 17th Street and Harrison Street.

On August 3 and 6, 1992, Parker Environmental Services removed one 1,000-gallon and two 500-gallon gasoline underground storage tanks (USTs) from the site. Up to 1,500 milligrams per kilogram (mg/kg) total petroleum hydrocarbons as gasoline (TPHg) and up to 12 mg/kg benzene were detected in the soil samples collected from the UST excavation.

Several investigations have been completed at the site. On July 8 and September 8, 1994, Gen Tech/Piers Environmental, Inc. (Gen Tech) of San Jose, California drilled six exploratory borings and installed three groundwater monitoring wells (MW-1 through MW-3). In February and May 1996, Cambria Environmental Technology (Cambria) of Emeryville, California advanced seven geoprobe soil borings and installed two groundwater monitoring wells (MW-4 and MW-5). On August 8, 2000, *Conduit Study and File Review Report* was submitted by Cambria Environmental Technology. The report provided significant information about offsite hydrocarbon impact and offsite sources, and concluded that there were no identified conduits for contaminant migration in groundwater. On June 27, 2003 Cambria installed two additional offsite monitoring wells (MW-6 and MW-7) to facilitate additional plume delineation.

Limited site remediation has been conducted at the site. In January 1998, Cambria installed ORC socks in well MW-2 to enhance the natural attenuation of dissolved-phase hydrocarbons. Dissolved oxygen (DO) concentrations temporarily increased in well MW-2 following the ORC sock installation. In February and March 1999, a total of 120 gallons of 7.5% hydrogen peroxide solution was added into monitoring wells MW-2 and MW-3 to oxidize hydrocarbons and also increase DO levels to enhance biodegradation of dissolved-phase hydrocarbons. The hydrogen peroxide *temporarily* increased groundwater DO levels, but hydrocarbon concentrations remained at elevated levels.

On March 4, 2003, Cambria installed a co-axial air sparging/soil vapor extraction well (SV-1/AS-1) and two angled air sparging wells (AS-2 and AS-3) to approximately 30 ft below grade surface (bgs). The wells were installed to facilitate feasibility testing and future site remediation. Site remediation via soil vapor extraction and air sparging began in October 2007. To improve system performance and further evaluate site conditions, Pangea submitted an *Investigation and Remediation Workplan* dated March 5, 2009, which proposed additional investigation, remediation system expansion, and evaluation of groundwater geochemistry.

On November 19, 2010, ACEH issued a letter requesting a cross section, additional information regarding a potential offsite source and a preferential pathway survey. In December 2010, Pangea informed the ACEH that significant information about the offsite hydrocarbon impact was presented in the August 8, 2000 *Conduit Study and File Review Report* prepared by Cambria. In December 2010, the UST Cleanup Fund prepared a 5 Year Review that recommended a site conceptual model (SCM), risk assessment, and sensitive receptor survey to help facilitate selection of an enhanced remediation technique. In a letter dated June 17, 2011, ACEH requested a site conceptual model with a preferential pathway evaluation. Pangea submitted a *Sensitive Receptor Survey, Conduit Study and Site Conceptual Model* (SCM) dated March 26, 2012. In a letter dated December 21, 2012, ACEH requested a workplan for vapor intrusion evaluation and investigation of potential secondary source near well MW-2. Pangea submitted the requested *Workplan for Additional Assessment and Soil Gas Sampling* on April 4, 2013. In a meeting on May 28, 2013, ACEH identified media-specific criteria data gaps related to the State Water Resources Control Board's Low Threat Closure Policy. Following the meeting, ACEH requested a revised workplan to address these data gaps. Pangea subsequently submitted the *Revised Data Gap Workplan* dated July 25, 2013 and the *Addendum to Revised Data Gap Workplan* dated October 21, 2013.

CONFIRMATION SOIL BORINGS

The purpose of the confirmation soil borings was to evaluate soil concentrations near the previously collected UST confirmation samples. The confirmation borings included soil sampling from two soil borings (CB-1 and CB-2). The confirmation borings locations are shown on Figures 2 and 3.

Pre-Drilling Activities

A comprehensive Site Safety Plan was prepared to protect site workers and the plan was kept onsite during all field activities. An excavation permit was obtained from the City of Oakland and a soil borings permit was obtained from the Alameda County Public Works Agency (ACPWA). Copies of the permits are presented in Appendix B. The proposed drilling locations were marked and Underground Service Alert was notified at least 48 hours before the proposed field activities.

Drilling Procedures

All soil borings were installed in general accordance with the procedures described in Pangea's Workplan and Addendum. Pangea retained Confluence Environmental Field Services (Confluence) of Sacramento, California, to install the borings. The drilling was observed in the field by Pangea Project Manager Morgan Gillies, and supervised by Bob Clark-Riddell, a California Registered Civil Professional Engineer (P.E.).

Soil characteristics such as color, texture, and relative water content were described in the field using the Unified Soil Classification System (USCS) and entered onto a field boring log. Field screening of soil for potential hydrocarbons and volatile organic compounds included visual and olfactory observations.

Boring Activities

On December 10, 2013, Pangea coordinated the installation of the confirmation borings using hand auger techniques. The soil borings were advanced and sampled in general accordance with Pangea's Standard Field Procedures for Hand Auger Soil Borings in Appendix C. Boring CB-1 was installed to a total depth of approximately 12 ft below grade surface and boring CB-2 was installed at angle of approximately 25° from vertical towards the southeast (Webster Street) to approximately 9.0 ft bgs (10 ft long). Boring CB-2 was angled to allow for soil assessment between the two former excavation areas; more specifically, assessment was performed between former UST confirmation samples T1 and SW2 (Figure 3). Pangea was unable to install boring CB-2 vertically between these former sampling locations due to subgrade concrete in the proposed location (SVE/AS-1 well vault) and utilities located in the sidewalk. Confirmation soil boring locations are shown of Figures 2 and 3. Boring logs are included in Appendix D.

Sample Analyses

Soil samples were collected for analysis from boring CB-1 at approximately 4, 8 and 12 ft bgs, and from boring CB-2 at the approximate vertical depths of 3.5, 7, and 8.5 ft bgs. All soil samples were analyzed for total petroleum hydrocarbons as gasoline (TPHg) by EPA Method 8015Cm; and benzene, toluene, ethylbenzene, xylenes (BTEX), methyl tertiary butyl ether (MTBE), and naphthalene by EPA Method 8260B. All samples were shipped under chain of custody to McCampbell Analytical, Inc., of Pittsburg, California, a California-certified laboratory. The laboratory analytical reports are included in Appendix F.

Site Geology and Hydrogeology

Soil from site borings consisted primarily of sand to a depth of approximately 3 ft bgs, underlain by silty clay or sandy clay to the maximum explored depth of 12 ft bgs. Soils encountered during this shallow investigation are consistent with those encountered in previous borings.

Based off previous investigations, unconfined groundwater conditions exist at the site. A shallow water-bearing zone consisting of highly permeable sand is present from approximately 14 to 30 feet bgs, and is underlain by a silty clay layer. Groundwater beneath the site generally flows *northwards* to *north-northeastwards*, consistent with the local topography. Since 1994, the depth to groundwater beneath and surrounding the site has ranged from approximately 13.6 feet bgs (MW-5) to 23.6 feet bgs (MW-1), equivalent to a groundwater elevation range from 9 to 11 feet above msl over nineteen years of monitoring. For source area well MW-2, groundwater depth has fluctuated approximately three feet, from 17.8 to 20.8 ft bgs (hydrocarbon concentrations generally decrease during low groundwater depth in well MW-2). Therefore, the current soil sampling was within the unsaturated zone soil.

Soil Analytical Results

No contaminant concentrations were detected in any of the soil samples collected from the confirmation borings. Soil sample results indicate that the direct contact and outdoor air criteria of the LTCP have been met. Soil analytical results are summarized in Table 1. The laboratory analytical reports are included in Appendix F.

SUBSLAB GAS SAMPLING

To evaluate shallow subsurface gas conditions below the onsite building and adjacent buildings, Pangea coordinated installation and soil gas sampling from three subslab probe locations (SS-1 through SS-3). The three probes were installed on November 6, 2013. Probes SS-2 and SS-3 were sampled on November 13, 2013 (cold season), but probe SS-1 could not be sampled until November 14, 2013 due to access limitations. Sampling locations SS-1 through SS-3 are shown on Figure 2. Sample depth intervals and subslab gas analytical results are summarized on Table 2.

The subslab gas sampling was conducted in general accordance with procedures described in Pangea's Standard Operating Procedures (SOPs) for Subslab Gas Sampling in Appendix D. Subslab gas probe SS-1 was

installed in the southwest portion of the site inside the building at 1715 Webster Street, near the southwest corner of the former UST excavation. Probe SS-2 was installed in the driveway of the site near the source area and probe SS-3 was installed north of the former USTs in the parking garage structure, near key well MW-2. The soil gas sampling was performed by Pangea Technician Scott Polston and Project Scientist Tina de la Fuente, under the supervision of Pangea's Bob Clark-Riddell, a California Registered Professional Civil Engineer.

The subslab gas probe installation procedure involved using a rotohammer to drill a 1 ½-inch diameter hole part way through the approximately 5-inch (SS-1), 4-inch (SS-2), and 10-inch (SS-3) thick concrete slab of the building, drilling a 5/8-inch diameter hole through the remaining concrete, installing a rubber stopper with stainless steel tubing (capped on one end with a Swagelok fitting) and placing a bentonite seal topped with cement to within an inch of the surface. A second rubber stopper was placed over the subslab probe to protect it and the probes were allowed to equilibrate for one week, prior to sampling.

McC Campbell Analytical provided sampling assemblies and certified Summa canisters for sampling. The Summa canisters were supplied under a vacuum of approximately 30 inches of mercury. Prior to sample collection from the probes, vacuum/leak tests were conducted on the sampling assembly with a vacuum pump. The vacuum/leak tests confirmed no leakage and maintained the initial vacuum in the sampling manifold system. After a minimum of 5 minutes of vacuum/leak testing, the vacuum pump was opened to purge the manifold/probe assembly. Upon completion of purging of approximately three times the ambient volume of air in the assembly/probe, the sampling Summa canister was opened for sample collection. The pre-set valve regulated the vapor flow to approximately 150 milliliters of air per minute. After approximately 5 or more minutes, the vacuum within the Summa canisters decreased to or below 5 inches of mercury but not below 3 inches of mercury and the canister valve was closed.

To evaluate potential leakage within the sampling system, a leak-check enclosure was placed over the *sampling point* and helium was introduced to the leak-check enclosure. A helium detector was used to monitor the concentration of helium within the enclosure during sample collection. The field data sheets are included in Appendix E.

Subslab Vapor Analytical Results

Subslab vapor samples were collected within Summa canisters and submitted for analysis to McC Campbell Analytical, Inc., of Pittsburg, California, a State-certified laboratory. Subslab gas samples were analyzed by Total Organics Method 15 (TO-15) for total petroleum hydrocarbons as gasoline (TPHg), benzene, toluene, ethylbenzene, xylenes (BTEX), and naphthalene; and by ASTM D-1946 for percent oxygen and helium. Subslab samples SS-1 and SS-2 were collected from approximately 0.5 ft bgs and subslab sample SS-3 was collected from approximately 0.8 ft bgs. Subslab analytical results and sample depth intervals are summarized on Table 2. The laboratory analytical report is included in Appendix F.

The maximum TPHg concentration detected in soil gas was 2,300 $\mu\text{g}/\text{m}^3$ in subslab probe SS-1. This detection is well below Environmental Screening Levels (ESLs) established by the San Francisco Regional Water Quality Control Board (RWQCB) for shallow soil gas for residential site use (150,000 $\mu\text{g}/\text{m}^3$ TPH) and for commercial site use (1,200,000 $\mu\text{g}/\text{m}^3$ TPH). The maximum benzene concentration detected was 71 $\mu\text{g}/\text{m}^3$ in subslab probe SS-3. This benzene detection is slightly above the residential ESL of 42 $\mu\text{g}/\text{m}^3$, but well below the commercial ESL of 420 $\mu\text{g}/\text{m}^3$ for shallow soil gas. Additionally, benzene was detected in subslab probe SS-2 at a concentration of 58 $\mu\text{g}/\text{m}^3$. The only other hydrocarbon detected in subslab gas was toluene at concentrations of 2.7 $\mu\text{g}/\text{m}^3$ (SS-2) and 2.6 $\mu\text{g}/\text{m}^3$ (SS-3). Naphthalene was not detected in any of the subslab samples using Method TO-15.

Oxygen percentage was reported at 16% for subslab probe SS-2 and 17% for probes SS-1 and SS-3. The SWRCB's Low Threat Closure Policy (LTCP), adopted in August 2012, refers to the presence of a bioattenuation zone if oxygen concentrations detected in soil gas ~~are~~ $\geq 18\%$. *Without* the presence of a bioattenuation zone, applicable LTCP soil gas criteria for benzene is 85 $\mu\text{g}/\text{m}^3$ (residential use) and 280 $\mu\text{g}/\text{m}^3$ (commercial use). *With* the presence of a bioattenuation zone, applicable LTCP soil gas criteria for benzene increases 1,000-fold to 85,000 $\mu\text{g}/\text{m}^3$ (residential) and 280,000 $\mu\text{g}/\text{m}^3$ (commercial use). Benzene concentrations in subslab soil gas were below media-specific LTCP criteria; however, LTCP criteria references soil gas sample collection from 5 ft below a building foundation yet the subslab gas sampling referenced herein was performed directly beneath the slab.

The leak check compound helium was detected in samples SS-1 (0.13%), SS-2 (0.48%) and SS-3 (0.13%). These detections are well below the helium concentrations of 23% to 40% detected in the shroud using the helium meter. All subslab samples appear to be representative of subsurface conditions based on the relatively low concentrations of helium within the samples.

CONCLUSIONS AND RECOMMENDATIONS

Based on the above information, Pangea offers the following conclusions and recommendations:

- The soil and subslab gas assessment indicates that SVE/AS remediation has effectively remove source area source material.
- The non-detect hydrocarbon concentrations in soil samples from the confirmation borings near former the excavation limits and former UST compliance samples suggest that direct contact and outdoor air criteria of the LTCP have been met.
- Hydrocarbon concentrations (TPHg, benzene and toluene) in the cold-season subslab gas samples were below applicable ESLs. Benzene concentrations as high as 71 $\mu\text{g}/\text{m}^3$ (SS-3) in subslab soil gas were below media-specific LTCP criteria; however, LTCP criteria references soil gas sample collection from 5 ft below a building foundation yet the subslab gas sampling referenced herein was

performed directly beneath the slab. This *may* suggest that vapor intrusion does not pose a significant threat to the onsite and adjacent buildings. Indoor air testing could be performed to confirm that benzene concentrations in indoor air near probes SS-2 and SS-3 are below the ESL of $2.1 \mu\text{g}/\text{m}^3$. This could be considered a potential data gap.

- Based on our data gap evaluation in the revised, tabulated SCM (Appendix A), the only remaining data gap is further evaluation of potential vapor intrusion to indoor air. Therefore, Pangea recommends collection of subslab gas samples during the upcoming warm/dry season of 2014, including naphthalene 'confirmation' analysis from at least one subslab probe using Method TO-17, and possible indoor air testing to confirm that benzene concentrations in indoor air near probes SS-2 and SS-3 are below the ESL of $2.1 \mu\text{g}/\text{m}^3$.
- Pangea recommends continued semi-annual groundwater monitoring to confirm plume stability during ongoing data gap assessment.

ATTACHMENTS

Figure 1 – Site Location Map

Figure 2 – Boring & Subslab Location Map

Figure 3 - Excavation Samples & Confirmation Borings Location Map

Table 1 – Soil Analytical Data

Table 2 – Subslab Gas Analytical Data

Appendix A – Site Conceptual Model in Tabular Format

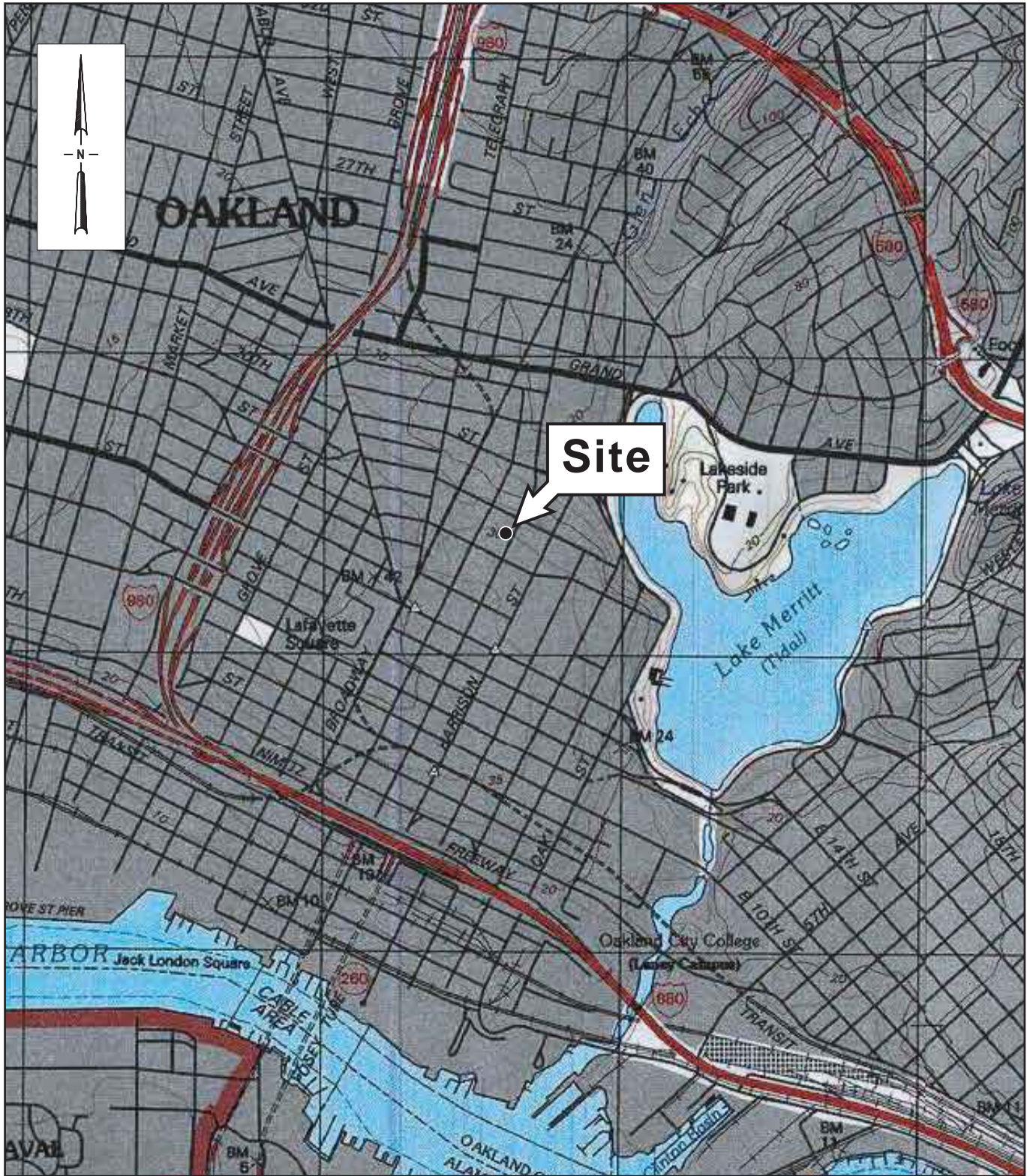
Appendix B – Permits

Appendix C – Standard Operating Procedures

Appendix D – Boring Logs

Appendix E - Subslab Sampling Field Data Sheets

Appendix F – Laboratory Analytical Report



SOURCE: TOPOI MAPS

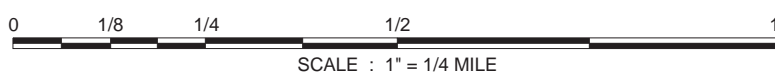
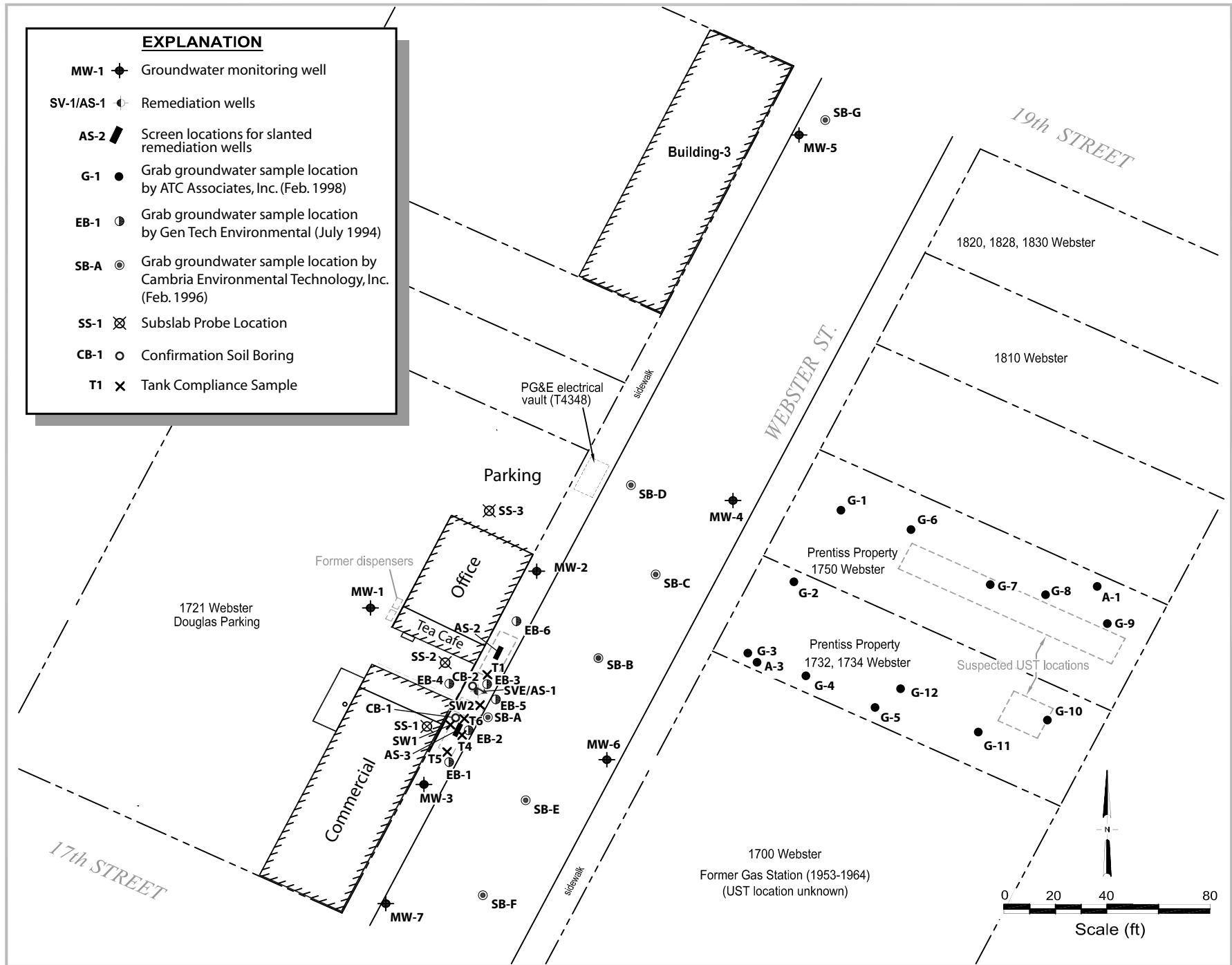


Figure 1

Douglas Parking Facility
 1721 Webster Street
 Oakland, California



Vicinity Map

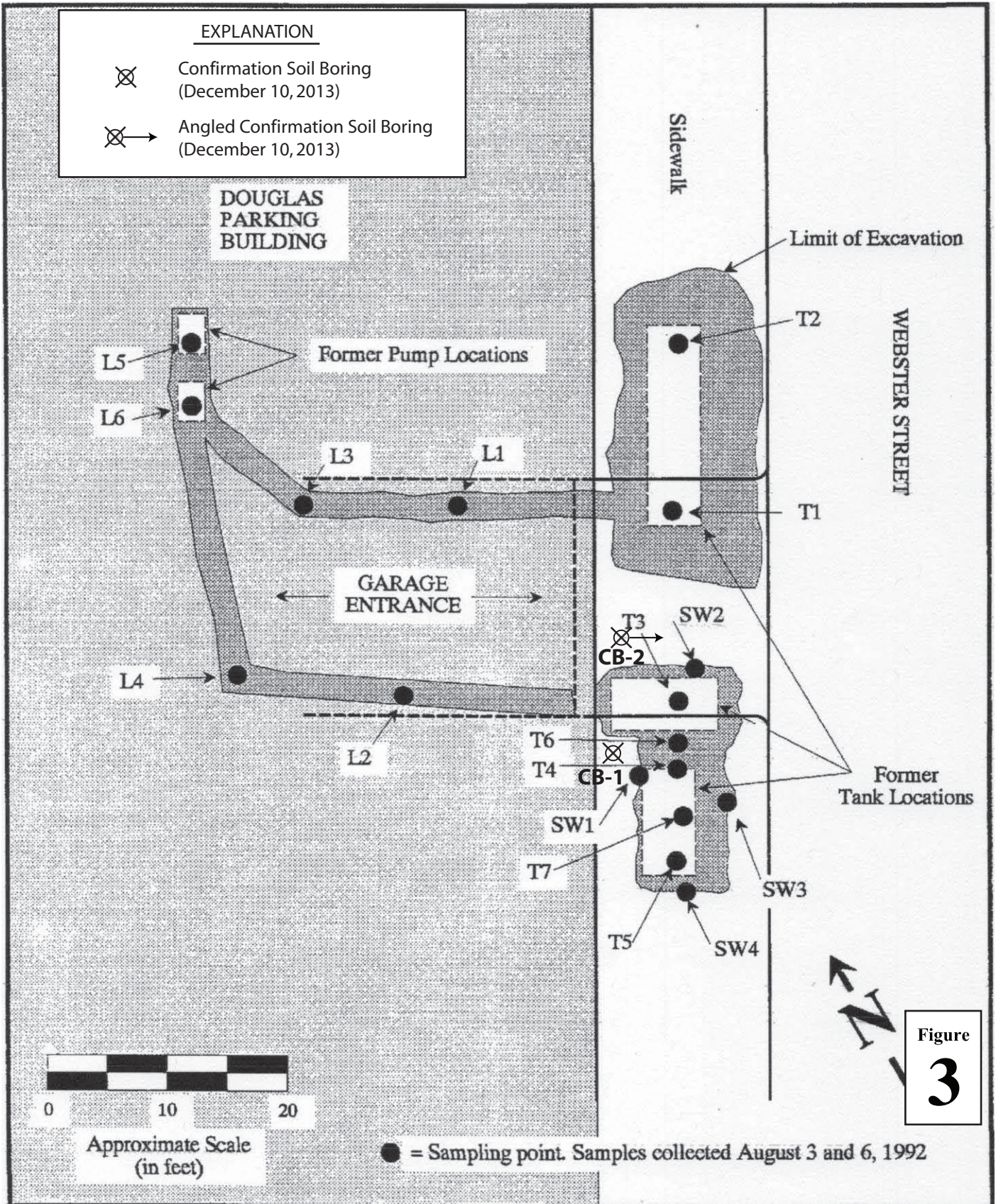


Douglas Parking
 1721 Webster Street
 Oakland, California



**Boring & Subslab
 Probe Location Map**

FIGURE
2



Douglas Parking
 1721 Webster Street
 Oakland, California



**Excavation Soil Samples &
 Confirmation Borings Map**

Pangea

Table 1. Soil Analytical Data: Petroleum Hydrocarbons - 1721 Webster Street, Oakland, California

Sample ID	Date Sampled	Sample Depth (ft)	TPHg	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene	Notes
			← mg/kg →							
Residential ESL for shallow soil dw(<3 m bgs):			100	0.044	2.9	2.9	2.3	0.023	1.2	
Residential ESL for deep soil dw(>3 m bgs):			580	0.044	2.9	3.3	2.3	0.023	1.2	
Residential ESL for shallow soil non-dw(<3 m bgs):			100	0.54	9.3	2.9	11	8.4	3.1	
Residential ESL for deep soil non-dw(>3 m bgs):			1,800	1.2	9.3	4.7	11	8.4	4.8	
Commercial ESL for shallow soil non-dw (<3 m bgs):			500	1.2	9.3	4.7	11	8.4	4.8	
Commercial ESL for deep soil non-dw (>3 m bgs):			1,800	1.2	9.3	4.7	11	8.4	4.8	
Residential LTCP outdoor air criteria (0 to 5 ft bgs):			--	1.9	--	21	--	--	9.7	
Residential LTCP outdoor air criteria (5 to 10 ft bgs):			--	2.8	--	32	--	--	9.7	
Commercial LTCP outdoor air criteria (0 to 5 ft bgs):			--	8.2	--	89	--	--	45	
Commercial LTCP outdoor air criteria (5 to 10 ft bgs):			--	12	--	134	--	--	219	

Pangea Environmental Services, Inc. - 2013

Confirmation Soil Borings

CB-1-4	12/10/2013	4.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
CB-1-8	12/10/2013	8.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
CB-1-12	12/10/2013	12.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
CB-2-4	12/10/2013	3.5 - 4.0*	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
CB-2-8	12/10/2013	7.0 - 7.5*	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
CB-2-10	12/10/2013	8.5 - 9.0*	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050

Cambria Environmental Technology, Inc. - 2003

MW-6	6/27/2003	20.0	220	<0.10	0.14	<0.10	0.35	<1.0	--
------	-----------	------	-----	-------	------	-------	------	------	----

Cambria Environmental Technology, Inc. - 1996

SB-A	2/22/1996	19.5	<1.0	<0.005	0.007	<0.005	<0.005	--	--
SB-B	2/22/1996	20.5	580	<0.3	1.3	1.8	4.2	--	--
SB-C	2/22/1996	19.5	1.4	<0.005	0.013	0.027	0.12	--	--
SB-D	2/22/1996	20.5	660	<0.2	2.3	<0.2	5.2	--	--
SB-E	2/23/1996	20.5	<1.0	<0.005	0.009	<0.005	<0.005	--	--
SB-F	2/23/1996	20.0	<1.0	<0.005	0.006	<0.005	<0.005	--	--
SB-G	2/23/1996	20.0	<1.0	<0.005	0.009	<0.005	<0.005	--	--
SB-H	5/3/1996	20.5	1.2	<0.005	0.006	0.025	0.038	--	--
(MW-4)	5/3/1996	31.0	<1.0	<0.005	<0.005	<0.005	<0.005	--	--
SB-I	5/3/1996	15.5	<1.0	<0.005	<0.005	<0.005	<0.005	--	--
(MW-5)	5/3/1996	26.0	<1.0	<0.005	<0.005	<0.005	<0.005	--	--

Gen-Tech Environmental - 1994

EB-1@20	7/8/1994	20.0	<1.0	<0.005	<0.005	<0.005	<0.005	--	--
EB-2@20	7/8/1994	20.0	300	0.2	17	0.26	3.0	--	--
EB-3@20	7/8/1994	20.0	51	0.039	0.56	0.32	2.9	--	--
EB-4@20	7/8/1994	20.0	<1.0	<0.005	<0.005	<0.005	<0.005	--	--
EB-5@20	7/8/1994	20.0	650	0.17	5.2	4.4	48	--	--
EB-6@20	7/8/1994	20.0	68	<0.005	22	4.3	23	--	--

Pangea

Table 1. Soil Analytical Data: Petroleum Hydrocarbons - 1721 Webster Street, Oakland, California

Sample ID	Date Sampled	Sample Depth (ft)	TPHg	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene	Notes
			mg/kg							
Residential ESL for shallow soil dw(<3 m bgs):			100	0.044	2.9	2.9	2.3	0.023	1.2	
Residential ESL for deep soil dw(>3 m bgs):			580	0.044	2.9	3.3	2.3	0.023	1.2	
Residential ESL for shallow soil non-dw(<3 m bgs):			100	0.54	9.3	2.9	11	8.4	3.1	
Residential ESL for deep soil non-dw(>3 m bgs):			1,800	1.2	9.3	4.7	11	8.4	4.8	
Commercial ESL for shallow soil non-dw (<3 m bgs):			500	1.2	9.3	4.7	11	8.4	4.8	
Commercial ESL for deep soil non-dw (>3 m bgs):			1,800	1.2	9.3	4.7	11	8.4	4.8	
Residential LTCP outdoor air criteria (0 to 5 ft bgs):			--	1.9	--	21	--	--	9.7	
Residential LTCP outdoor air criteria (5 to 10 ft bgs):			--	2.8	--	32	--	--	9.7	
Commercial LTCP outdoor air criteria (0 to 5 ft bgs):			--	8.2	--	89	--	--	45	
Commercial LTCP outdoor air criteria (5 to 10 ft bgs):			--	12	--	134	--	--	219	

Parker Environmental - 1992

Beneath UST Samples

T-1	8/3/1992	9.0	150	2.2	2.9	1.8	13	--	--	
T-2	8/3/1992	9.0	120	0.62	0.56	0.87	2.2	--	--	
T-3	8/6/1992	8.0	580	1.7	5.9	5.6	43	--	--	Overexcavated
T-4	8/6/1992	8.0	1,500	11	140	48	280	--	--	Overexcavated
T-5	8/6/1992	8.0	410	6.7	22	6.2	35	--	--	Overexcavated
T-6	8/6/1992	12.0	1,400	12	70	29	150	--	--	
T-7	8/6/1992	14.0	2.3	0.11	0.19	0.05	0.31	--	--	

South Excavation Sidewall Samples

SW1	8/6/1992	9.5	280	2.9	5.8	3.2	15	--	--	
SW2	8/6/1992	7.0	1,500	5.7	40	18	150	--	--	
SW3	8/6/1992	8.0	400	2.7	5.8	4.0	21	--	--	
SW4	8/6/1992	9.0	2.3	0.42	0.028	0.077	0.18	--	--	

Piping and Dispenser Samples

L-1	8/3/1992	1.5	2.6	<0.005	0.01	<0.005	0.03	--	--	
L-2	8/3/1992	1.5	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	
L-3	8/3/1992	1.5	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	
L-4	8/3/1992	1.5	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	
L-5	8/3/1992	2.0	8.2	0.01	0.02	0.012	0.092	--	--	
L-6	8/3/1992	2.0	<1.0	<0.005	0.007	<0.005	<0.034	--	--	

Stockpile Samples

C1	8/6/1992	1.5	560	<0.1	5.0	3.1	24	--	--	
----	----------	-----	------------	------	-----	-----	-----------	----	----	--

Notes, Abbreviations and Methods:

mg/kg = Milligrams per kilogram, approximately equivalent to parts per million (ppm).

TPHd = Total petroleum hydrocarbons as diesel by modified EPA Method 8015.

TPHg = Total petroleum hydrocarbons by EPA Method 8015.

BTEX = Benzen, toluene, ethylbenzene, xylenes by EPA Method 8020/8021.

MTBE = Methyl tertiary-butyl ether by EPA Method 8020.

ESL = Environmental Screening Levels for shallow soil with commercial/industrial land use where groundwater is a current or potential drinking water resource from Table A-2, established by the SFBRWQCB, Interim Final - November 2007 (Revised May 2013).

LTCP = Low Threat Closure Policy

Bold = Concentration above ESLs for Commercial Land Use, groundwater is not a current or potential source of drinking water.

-- = Not available or not analyzed.

< n = Chemical not present at a concentration in excess of detection limit shown.

* Boring installed at 25° angle from vertical. Listed and calculated sample depth is rounded to the nearest 0.5 ft.

Pangea

Table 2. Subslab Gas Analytical Data - Douglas Parking, 1721 Webster Street, Oakland, California

Boring/ Sample ID	Date Sampled	Sample Depth (ft - ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	TPH Gasoline	MTBE	Naphthalene	Isopropanol	Helium	Oxygen	Notes
			ug/m ³									%	
Residential ESL for shallow soil gas:			42	160,000	490	52,000	150,000	4,700	36	--	--	--	
Commercial ESL for shallow soil gas:			420	1,300,000	4,900	440,000	1,200,000	47,000	360	--	--	--	
No Bio-Attenuation Zone, Residential (LTCP)			85	--	1,100	--	--	--	93	--	--	--	
No Bio-Attenuation Zone, Commercial (LTCP)			280	--	3,600	--	--	--	310	--	--	--	
With Bio-Attenuation Zone, Residential (LTCP)			85,000	--	1,100,000	--	--	--	93,000	--	--	--	
With Bio-Attenuation Zone, Commercial (LTCP)			280,000	--	3,600,000	--	--	--	310,000	--	--	--	

Subslab Gas Samples

SS-1	11/14/2013	0.5 - 0.7	<1.6	<1.9	<2.2	<6.6	2,300	<1.8	<5.3	--	0.13	17	For other VOC detections see the lab report.
SS-2	11/13/2013	0.5 - 0.7	58	2.7	<2.2	<6.6	2,000	<1.8	<5.3	--	0.48	16	For other VOC detections see the lab report.
SS-3	11/13/2013	0.8 - 1.0	71	2.6	<2.2	<6.6	1,400	<1.8	<5.3	--	0.13	17	For other VOC detections see the lab report.

Abbreviations:

SG-1 = Soil Gas Sample

SS-1 = Subslab Sample

ug/m³ = Micrograms per cubic meter of air results calculated by laboratory from parts per billion results using normal temperature and pressure (NPT).

ft - ft bgs = Depth interval below ground surface (bgs) in feet.

% = Percent of total sample volume.

Volatile organic compounds (VOCs) by EPA Method TO-15 (partial list), uses GC/MS scan.

Oxygen by Modified ASTM Method D-1946, uses GC/TCD scan.

< n = Chemical not present at a concentration in excess of detection limit shown.

MRL = Method reporting limit. Laboratory reporting limit based on parts per billion on volume to volume basis (ppbv/v) and converted to ug/m³.

ESL = Environmental Screening Level for Shallow Soil Gas with Residential and Commercial/Industrial Land Use, for samples less than five feet below a building foundation or ground surface, established by the SFBRWQCB, Interim Final - November 2007, and amended in May 2013 (Table E-2).

ESL established by the SFBRWQCB, Interim Final - November 2007, and amended in May 2013.

LTCP = Low Threat Closure Policy

Bold = Concentrations above Lowest ESLs for Commercial Land Use for shallow soil gas (SG & SS samples).

APPENDIX A

Site Conceptual Model in Tabular Format

SITE CONCEPTUAL MODEL

The following table presents the site conceptual model (SCM) in tabular format.

Site Address:	1721 Webster Street	ACEH Case No.		RO0000129
City:	Oakland	Regulator:		Barbara Jakub
SCM Element/ Sub-Element	Description	Data Gap No. and Description	Proposed Investigation	Rationale
Site Description				
<i>Land Use and Site History</i>	The site is currently being utilized as a parking garage, and is located between 17th and 19th Streets in uptown Oakland, California, approximately four miles east of San Francisco Bay and one quarter of a mile west of Lake Merritt. The site is relatively flat with an elevation of approximately 30 feet (ft) above mean sea level (msl). The site formerly contained one 1,000-gallon and two 500-gallon gasoline underground storage tanks (USTs) and piping and dispensers.	None	NA	NA
Nearby Sites	Based on Geotracker information, several former underground storage tank (UST) sites are located close to the site, including Prentiss Properties to the northeast at 1750 Webster Street, a former gas station to the east at 1700 Webster, and a former Chevron service station which is located approximately 450 feet to the southwest on the corner of 17 th Street and Harrison Street. There are also several closed leaking underground storage tank (LUST) sites within a 1,000 foot radius of the site.	None	NA	NA
Geology and Hydrogeology				
Regional	The site is situated in the Coast Range Physiographic Province, which is an area characterized by northwest-southeast running valleys and ridges. Geologic formations of the San Francisco Bay Region range from the Jurassic Period to the Holocene epoch (end of the Pleistocene era). Tectonic activity during the Plio-Pleistocene era formed a structural depression (San Francisco Bay) through subsidence and uplift along the San Andreas, Hayward and Calaveras fault zones. The Bay filled with alluvial deposits of gravel, sand, silt and clay from the surrounding highlands and sea level fluctuation deposited bay muds all around San Francisco Bay (Radbruch, 1957). The alluvial deposits generally become finer closer to the Bay, where they	None	NA	NA

Site Address:	1721 Webster Street	ACEH Case No.		RO0000129
City:	Oakland	Regulator:		Barbara Jakub
SCM Element/ Sub-Element	Description	Data Gap No. and Description	Proposed Investigation	Rationale
	interbed with predominately fine-grain sediment deposited by the Bay.			
Local Geology and Hydrogeology	<p>Unconfined groundwater conditions exist at the site. A shallow water-bearing zone consisting of highly permeable sand is present from approximately 14 to 30 feet bgs, and is underlain by a silty clay layer. Since 1994, the depth to groundwater beneath and surrounding the site has ranged from approximately 13.6 feet bgs (MW-5) to 23.6 feet bgs (MW-1), equivalent to a groundwater elevation range from 9 to 11 feet above msl over nineteen years of monitoring. Rainfall in this area occurs primarily between November and March and the average rainfall is approximately 23 inches per year.</p> <p>Groundwater elevation data indicates that the groundwater beneath the site generally flows <i>northwards</i> to <i>northeastwards</i>, consistent with the local topography. The <i>northwards</i> to <i>northeastwards</i> flow direction is generally consistent with the inferred groundwater flow directions at the nearby LUST site at 1633 Harrison Street.</p>	None	NA	NA
Surface Water	The closest surface water to the site is Lake Merritt, which is located approximately 1,295 feet (approximately ¼ mile) east-northeast of the site.	None	NA	NA

Site Address:	1721 Webster Street	ACEH Case No.		RO0000129
City:	Oakland	Regulator:		Barbara Jakub
SCM Element/ Sub-Element	Description	Data Gap No. and Description	Proposed Investigation	Rationale
Nearby Wells	<p>Based on our review of well information provided by the Department of Water Resources (DWR) and Alameda County Public Works Agency (ACPWA), Pangea identified several permitted wells within approximately a ¼ mile radius of the site. Permitted domestic well information provided by the DWR and ACPWA is considered confidential and is not disclosed herein. Two locations are listed as irrigation wells. One location is listed as having 10 irrigation wells with total depths of approximately 280 ft bgs and is situated approximately 1,360 ft northeast (downgradient) of the site. The second is listed as having 6 irrigation wells with total depths of approximately 95 ft bgs and is situated approximately 1,080 ft east (crossgradient) of the site.</p> <p>Pangea identified thirteen additional permitted well locations within the ¼ mile radius search of the site using DWR/ACPWA information. Seven of the thirteen locations were listed as groundwater monitoring wells and 6 are listed as test wells for the City of Oakland Redevelopment Agency.</p> <p>Pangea also reviewed the State Water Resources Control Board (SWRCB) GeoTracker database for nearby wells. Three well locations were identified on Geotracker within a ¼ mile of the site. The identified monitoring wells are associated with 1633 Harrison Street, 1432 Harrison Street, and the closed LUFT site at 301 14th Street (Chevron Station).</p>	None	NA	NA
Groundwater Beneficial Use	According to the Basin Plan from the California Regional Water Quality Control Board (RWQCB), the site lies near the northern end of the East Bay Plain Subbasin of the Santa Clara Valley Basin. The <i>existing</i> beneficial uses for this basin include (1) municipal and domestic water supply, (2) industrial process water supply, (3) industrial service water supply and (4) agricultural water supply.	None	NA	NA

Site Address:	1721 Webster Street	ACEH Case No.		RO0000129
City:	Oakland	Regulator:		Barbara Jakub
SCM Element/ Sub-Element	Description	Data Gap No. and Description	Proposed Investigation	Rationale
Contaminant Source and Release Information				
Source/ Release Information	On August 3 and 6, 1992, Parker Environmental Services removed one 1,000-gallon and two 500-gallon gasoline underground storage tanks (USTs) from the site. Up to 1,500 milligrams per kilogram (mg/kg) total petroleum hydrocarbons as gasoline (TPHg) and up to 12 mg/kg benzene were detected in the soil samples collected from the UST excavation (Parker, 1992).	None	NA	NA
Chemicals of Concern	The chemicals of concern (COC) in site soil and groundwater are the following petroleum hydrocarbons: TPHg; benzene, toluene, ethylbenzene, and xylenes (BTEX).	None	NA	NA
Soil and Groundwater Investigations	<p>Several investigations have been completed at the site. On July 8 and September 8, 1994, Gen Tech/Piers Environmental, Inc. (Gen Tech) of San Jose, California drilled six exploratory borings and installed three groundwater monitoring wells (MW-1 through MW-3). Gen Tech reported the investigation work in its <i>Soil and Groundwater Investigation and Quarterly Monitoring Report</i> dated December 2, 1994.</p> <p>In February and May 1996, Cambria Environmental Technology (Cambria) of Emeryville, California advanced seven geoprobe soil borings and installed two groundwater monitoring wells (MW-4 and MW-5), which was reported in the <i>Subsurface Investigation Report</i> dated July 16, 1996. On August 8, 2000, <i>Conduit Study and File Review Report</i> was submitted by Cambria Environmental Technology. The report provided significant information about offsite hydrocarbon impact and offsite sources, and concluded that there were no identified conduits for contaminant migration in groundwater. On June 27, 2003 Cambria installed two additional offsite monitoring wells (MW-6 and MW-7) to facilitate additional plume delineation. Pangea began periodic groundwater monitoring at the site in July 2006.</p> <p>In November and December 2013, Pangea installed and sampled three subslab gas probes and drilled two confirmation soil borings. The subslab gas probes contained no contaminant concentrations</p>	None	NA	NA

Site Address:	1721 Webster Street	ACEH Case No.		RO0000129
City:	Oakland	Regulator:		Barbara Jakub
SCM Element/ Sub-Element	Description	Data Gap No. and Description	Proposed Investigation	Rationale
	above commercial Environmental Screening Levels (ESLs) for shallow soil gas. Soil samples collected from the two borings contained no detectable concentrations of contaminants.			
Free Product	No free product has been encountered in any site monitoring wells, but a sheen was noted historically by the laboratory in several grab groundwater samples collected from site borings. Based on results from site borings and monitoring wells it appears that no free product is currently present at the site.	None	NA	NA
Soil	In August 1992, elevated contaminant concentrations were detected in source area soil near the former USTs. In July 1994, elevated contaminant concentrations were detected and east and northeast of the USTs at depths of approximately 20 and 20.5 ft bgs in predominately sandy soil. In February and May 1996, soil samples from borings SB-A through SB-I did not contain any contaminant concentrations above applicable ESLs. Additionally, source area soil borings CB-1 and CB-2, drilled in December 2013 and analyzed for TPHg, BTEX, MTBE and Naphthalene did not contain any detectable contaminant concentrations. The extent of soil contamination at the site is well defined by the existing soil sample data.	None	NA	NA
Groundwater	The downgradient extent of TPHg and benzene contamination in groundwater is fairly well defined by monitoring well MW-5. Contaminant concentrations are generally highest in source wells MW-2 and MW-3, which are both located near the former USTs, and in offsite wells MW-4 and MW-6 located down/crossgradient from the source area. Hydrocabons in wells MW-4 and MW-6 located across the street may be from an offsite source. Groundwater analytical data indicates that the contaminant plume is stable to decreasing. The vertical extent of contamination at the site is fairly well defined by samples collected from wells AS-1 through AS-3 in January 2013. Wells AS-1 through AS-3 are screened from approximately 27 to 30 ft bgs and did not contain any contaminant concentrations	None	NA	NA

Site Address:	1721 Webster Street	ACEH Case No.		RO0000129
City:	Oakland	Regulator:		Barbara Jakub
SCM Element/ Sub-Element	Description	Data Gap No. and Description	Proposed Investigation	Rationale
	above applicable ESLs except 10 µg/L benzene in well AS-1. The maximum explored depth at the site is approximately 30 ft bgs. There is a layer of clay at approximately 30 ft bgs near the former USTs. This clay layer may be preventing contaminants from migrating into deeper water-bearing zones.			
Subslab Gas	<p>On November 6, 2013, Pangea installed three subslab probes at the subject site. Subslab probe SS-1 was installed near the source area in an adjacent retail building. Probe SS-2 was installed in the driveway near the source area onsite and probe SS-3 was installed near key well MW-2 inside the parking garage near the office.</p> <p>The first round of subslab vapor sampling (cold season) was completed on November 13 and 14, 2013. The only site constituents of concern detected during this sampling event were TPHg and benzene: these concentrations were below applicable commercial ESLs. Benzene concentrations [as high as 71 µg/m³ (SS-3)] in subslab soil gas were also below media-specific LTCP criteria; however, LTCP criteria references soil gas sample collection from 5 ft below a building foundation yet the subslab gas sampling referenced herein was performed directly beneath the slab. This <i>may</i> suggest that vapor intrusion does not pose a significant threat to the onsite and adjacent buildings. Indoor air testing could be performed to confirm that benzene concentrations in indoor air near probes SS-2 and SS-3 are below the ESL of 2.1 µg/m³. This could be considered a potential data gap.</p>	1 - Naphthalene confirmation by TO17 and warm season sampling. Possible indoor air testing.	To be completed as part of the already approved <i>Revised Data Gap Workplan</i> dated July 25, 2013. Warm season and naphthalene results to be reported in 2014. Possible indoor air testing.	NA
Remediation Activities				
Remedial Activities	Several remedial techniques have been utilized at the subject site. In January 1998, Cambria installed ORC socks in well MW-2 to enhance the natural attenuation of dissolved-phase hydrocarbons. Dissolved oxygen (DO) concentrations temporarily increased in well MW-2 following the ORC sock installation. In February and March 1999, a total of 120 gallons of 7.5% hydrogen peroxide solution was added into monitoring wells MW-2 and MW-3 to oxidize hydrocarbons and also increase DO levels to enhance biodegradation of dissolved-phase hydrocarbons. While hydrogen peroxide	None	NA	NA

Site Address:	1721 Webster Street	ACEH Case No.		RO0000129
City:	Oakland	Regulator:		Barbara Jakub
SCM Element/ Sub-Element	Description	Data Gap No. and Description	Proposed Investigation	Rationale
	<p><i>temporarily</i> increased groundwater DO levels, hydrocarbon concentrations fluctuated (even increased) before returning to pre-remediation levels.</p> <p>On March 4, 2003, Cambria installed a co-axial air sparging/soil vapor extraction well (SV-1/AS-1) and two angled air sparging wells (AS-2 and AS-3) to approximately 30 ft bgs. The wells were installed to facilitate feasibility testing and future site remediation. The SVE system ran from October 2007 to November 2010 and the AS system operated from November 2007 to April 2010. The soil vapor extraction (SVE) remediation system consisted of a blower that extracted soil vapor from well SVE-1. Extracted vapors were routed through a moisture separator then treated by two 2,000-lb canisters of granular activated carbon plumbed in series. The treated vapor was discharged to the atmosphere in accordance with Bay Area Air Quality Management District (BAAQMD) requirements. The air sparging (AS) system consisted of a compressor for injecting air into wells AS-1, AS-2 and/or AS-3. Injection into AS wells was controlled by timer-activated solenoid valves.</p> <p>On August 8, 2008, air sparge wells AS-1 and AS-3 were disconnected from the air compressor and air sparging was conducted solely in well AS-2 to target hydrocarbons in nearby well MW-2. As of October 26, 2010, the SVE system operated for a total of about 19,396 hours (approximately 808 days). Laboratory analytical data indicates that the system removed a total of approximately 3,212 lbs TPHg and 6.88 lbs benzene. The SVE system was restarted and subsequently shutdown on November 23, 2010 due to low removal rates.</p>			

Appendix B. Boring Logs

Project: Holland Partners Group
Project Location: 1721 Webster Street, Oakland, CA
Project Number: 60503932

Log of Boring SB-1

Sheet 1 of 1

Date(s) Drilled 7/12/16	Logged By E. Skov	Checked By D. Raubvogel
Drilling Method DPT - Dual Tube	Drilling Contractor PeneCore Drilling	Total Depth of Borehole 25 feet bgs
Drill Rig Type	Drill Bit Size/Type	Ground Surface Elevation (feet MSL)
Groundwater Level (feet bgs) 21.5	Sampling Method Acetate Sleeve	Hammer Data
Borehole Backfill	Location	

Elevation, feet	Downhole Depth, feet	SAMPLES				Graphic Log	USCS	MATERIAL DESCRIPTION	REMARKS AND OTHER TESTS
		Type Number	Blows/6in.	Recovery (%)	PID/OVM (ppm)				
0						SP	Concrete	Start: Finish:	
		SB-1-3			0.0		Dark brown SAND with silt (fill) (no odor)		
	5					SC/CL	Grading with clay		
			100		0.0		Dark yellowish brown clayey SAND/sandy CLAY (hard) (moist)		
		SB-1-9			0.0	CL	Yellowish brown clayey SAND		
	10		100		0.0		Grading grayish brown		
						SM	Yellowish brown silty SAND with trace clay		
	15	SB-1-15	100		0.0				
			100		0.0				
	20		100		0.0		Grading light brownish gray (wet)	21.5 ft ▼	
						SP	Grayish brown SAND with trace silt (loose) (wet)		
	25						Boring was completed to 25' bgs. Groundwater was encountered at 21.5' bgs. Boring was backfilled with bentonite.		
	30								

ENV2_W/O WELL_C:\USERS\ANN_CAMPBELL\DESKTOP\PIANN WORK\JULY 20\60503932\LOGS.GPJ_URSSSE3B.AECOM.GLB_URSSSE3B.GDT_7/21/16

Project: Holland Partners Group
 Project Location: 1721 Webster Street, Oakland, CA
 Project Number: 60503932

Log of Boring SB-2

Sheet 1 of 1

Date(s) Drilled	7/11/16	Logged By	E. Skov	Checked By	D. Raubvogel
Drilling Method	DPT - Dual Tube	Drilling Contractor	PeneCore Drilling	Total Depth of Borehole	25 feet bgs
Drill Rig Type		Drill Bit Size/Type		Ground Surface Elevation (feet MSL)	
Groundwater Level (feet bgs)	21.5	Sampling Method	Acetate Sleeve	Hammer Data	
Borehole Backfill		Location			

Elevation, feet	Downhole Depth, feet	SAMPLES				Graphic Log	USCS	MATERIAL DESCRIPTION	REMARKS AND OTHER TESTS
		Type Number	Blows/6in.	Recovery (%)	PID/OVM (ppm)				
0						SP	Concrete	Strat: 1810 Finish: 1945	
		SB-2-4			0.0		Dark brown fine SAND with silt (medium dense) (moist) (no odor) (fill)		
							Grading yellowish brown		
5					0.0	SC	Dark yellowish brown clayey fine to very fine SAND (medium dense to dense) (moist)	1820	
							Grading yellowish brown		
			100		0.0				
10		SB-2-10			0.0		Grading mottled yellowish brown and light gray clayey SAND (very dense to dense) (moist) (no odor)	1905	
						SM	Mottled yellowish brown and light gray silty SAND with clay (very dense) (moist)		
			100		0.0	SC	Grading with increasing clay to clayey sand		
						SM	Yellowish brown silty fine to very fine SAND with trace clay (dense to very dense) (moist)		
15		SB-2-15			0.0				
						SP	Yellowish brown SAND with silt and trace clay (medium dense) (moist) (no odor)		
			100		0.0		Grading brown		
			100		0.0		Grading (wet)	21.5 ft ▼	
			100		0.0	CL	Yellowish brown CLAY with trace silt (medium stiff to stiff) (moist) (no odor)		
25						SP	Yellowish brown SAND with silt and trace clay (medium dense) (wet)		
							Boring was completed to 25' bgs. Groundwater was encountered at 21.5' bgs. Boring was backfilled with bentonite.		
30									

ENV2 W/O WELL C:\USERS\ANN_CAMPBELL\DESKTOP\PIANN WORK\JULY 20\60503932\LOGS.GPJ_URSSSEA3B.AECOM.GLB_URSSSEA3.GDT 7/21/16

Project: Holland Partners Group
Project Location: 1721 Webster Street, Oakland, CA
Project Number: 60503932

Log of Boring SB-3

Sheet 1 of 1

Date(s) Drilled 7/12/16	Logged By E. Skov	Checked By D. Raubvogel
Drilling Method DPT - Dual Tube	Drilling Contractor PeneCore Drilling	Total Depth of Borehole 15 feet bgs
Drill Rig Type	Drill Bit Size/Type	Ground Surface Elevation (feet MSL)
Groundwater Level (feet bgs)	Sampling Method Acetate Sleeve	Hammer Data
Borehole Backfill	Location	

Elevation, feet	Downhole Depth, feet	SAMPLES				Graphic Log	USCS	MATERIAL DESCRIPTION	REMARKS AND OTHER TESTS
		Type Number	Blows/ 6in.	Recovery (%)	PID/OVM (ppm)				
0						SP	Concrete Dark brown very fine SAND with trace silt (medium dense) (moist) (fill)	Start: 2110 Finish:	
		SB-3-2			0.0				
5						SC/CL	Yellowish brown clayey SAND/sandy CLAY (moist)		
		SB-3-7	100		0.0		Grading mottled dark yellowish brown and light gray		
10						SP	Dark yellowish brown SAND with trace silt (loose to medium dense) (moist to wet) Clayey zone 11.5'-12'		
		SB-3-14	100		0.0		Grading yellowish brown		
15							Boring was completed to 15' bgs. Groundwater was not encountered. Boring was backfilled with bentonite.		
20									
25									
30									

ENV2 W/O WELL C:\USERS\ANN_CAMPBELL\DESKTOP\PIANN WORK\JULY 20\60503932\LOGS.GPJ URSSEA3B.AECOM.GLB URSSEA3.GDT 7/21/16

Project: Holland Partners Group
Project Location: 1721 Webster Street, Oakland, CA
Project Number: 60503932

Log of Boring SB-4

Sheet 1 of 1

Date(s) Drilled 7/12/16	Logged By E. Skov	Checked By D. Raubvogel
Drilling Method DPT - Dual Tube	Drilling Contractor PeneCore Drilling	Total Depth of Borehole 25 feet bgs
Drill Rig Type	Drill Bit Size/Type	Ground Surface Elevation (feet MSL)
Groundwater Level (feet bgs) 21	Sampling Method Acetate Sleeve	Hammer Data
Borehole Backfill	Location	

Elevation, feet	Downhole Depth, feet	SAMPLES				Graphic Log	USCS	MATERIAL DESCRIPTION	REMARKS AND OTHER TESTS
		Type Number	Blows/6in.	Recovery (%)	PID/OVM (ppm)				
0						SP	Concrete Very dark brown SAND with silt (moist) (no odor) (fill)	Start: 1200 Finish:	
		SB-4-3			0.0				
5						SC	Dark yellowish brown clayey fine SAND (medium dense) (moist) (no odor) Grading yellowish brown		
			100		0.0				
10		SB-4-10				SM	Yellowish brown silty fine SAND with trace clay (medium dense) (moist) (no odor) Grading with clay Grading dark yellowish brown Grading clay lense Grading with silt		
			80		0.0				
			100						
15		SB-4-15					Grading with decreasing clay		
			100		0.0				
			100						
20						SP	Light brownish gray SAND with trace silt (loose to medium dense) (moist to wet)	21 ft ▼	
25							Boring was completed to 25' bgs. Groundwater was encountered at 21' bgs. Boring was backfilled with bentonite.		
30									

ENV2_W/O WELL C:\USERS\ANN_CAMPBELL\DESKTOP\PIANN WORK\JULY 20\60503932\LOGS.GPJ_URSSSEA3B.AECOM.GLB_URSSSEA3.GDT_7/21/16

Project: Holland Partners Group
Project Location: 1721 Webster Street, Oakland, CA
Project Number: 60503932

Log of Boring SB-5

Sheet 1 of 1

Date(s) Drilled 7/12/16	Logged By E. Skov	Checked By D. Raubvogel
Drilling Method DPT - Dual Tube	Drilling Contractor PeneCore Drilling	Total Depth of Borehole 15 feet bgs
Drill Rig Type	Drill Bit Size/Type	Ground Surface Elevation (feet MSL)
Groundwater Level (feet bgs)	Sampling Method Acetate Sleeve	Hammer Data
Borehole Backfill	Location	

Elevation, feet	Downhole Depth, feet	SAMPLES				Graphic Log	USCS	MATERIAL DESCRIPTION	REMARKS AND OTHER TESTS
		Type Number	Blows/6in.	Recovery (%)	PID/OVM (ppm)				
0						SP	Concrete Very dark brown fine to very fine SAND with silt (medium dense) (moist) (Fill)	Start: Finish:	
				0.0			Grading yellowish brown		
5		SB-5-5				SM	Dark yellowish brown silty fine SAND with clay (dense) (moist) (no odor)		
			100						
10		SB-5-9				SC/CL	Dark yellowish brown and light gray clayey SAND/sandy CLAY with silt, small manganese nodules (dense to very dense) (moist)		
			100						
15		SB-5-14				SM	Yellowish brown silty fine to very fine SAND with clay (medium dense to dense) (moist)		
			100						
15							Boring was completed to 15' bgs. Groundwater was not encountered. Boring was backfilled with bentonite.		
20									
25									
30									

ENV2_W/O_WELL_C:\USERS\ANN_CAMPBELL\DESKTOP\PIANN_WORK\JULY_20\60503932\LOGS.GPJ_URSSSEA3B.AECOM.GLB_URSSSEA3.GDT_7/21/16

Project: Holland Partners Group
Project Location: 1721 Webster Street, Oakland, CA
Project Number: 60503932

Log of Boring SB-6

Sheet 1 of 1

Date(s) Drilled 7/12/16	Logged By E. Skov	Checked By D. Raubvogel
Drilling Method DPT - Dual Tube	Drilling Contractor PeneCore Drilling	Total Depth of Borehole 15 feet bgs
Drill Rig Type	Drill Bit Size/Type	Ground Surface Elevation (feet MSL)
Groundwater Level (feet bgs)	Sampling Method Acetate Sleeve	Hammer Data
Borehole Backfill	Location	

Elevation, feet	Downhole Depth, feet	SAMPLES				Graphic Log	USCS	MATERIAL DESCRIPTION	REMARKS AND OTHER TESTS
		Type Number	Blows/ 6in.	Recovery (%)	PID/OVM (ppm)				
0						SP	Concrete Dark brown very fine SAND with silt (medium dense) (moist) (Fill) Grading yellowish brown	Start: Finish:	
		SB-6-3			0.0				
5			100		0.0	SC	Yellowish brown clayey fine SAND with silt (medium dense) (moist) Grading light yellowish brown		
		SB-6-10			0.0				
10			100		0.0	SM	Light yellowish brown silty fine SAND (dense) (moist) Grading with clay		
		SB-6-15			0.0				
15							Boring was completed to 15' bgs. Groundwater was not encountered. Boring was backfilled with bentonite.		
20									
25									
30									

ENV2_W/O WELL_C:\USERS\ANN_CAMPBELL\DESKTOP\PIANN WORK\JULY 20\60503932\LOGS.GPJ_URSSSEA3B.AECOM.GLB_URSSSEA3.GDT_7/21/16

Project: Holland Partners Group
Project Location: 1721 Webster Street, Oakland, CA
Project Number: 60503932

Log of Boring SB-7

Sheet 1 of 1

Date(s) Drilled 7/12/16	Logged By E. Skov	Checked By D. Raubvogel
Drilling Method DPT - Dual Tube	Drilling Contractor PeneCore Drilling	Total Depth of Borehole 22.5 feet bgs
Drill Rig Type	Drill Bit Size/Type	Ground Surface Elevation (feet MSL)
Groundwater Level (feet bgs)	Sampling Method Acetate Sleeve	Hammer Data
Borehole Backfill	Location	

Elevation, feet	Downhole Depth, feet	SAMPLES				Graphic Log	USCS	MATERIAL DESCRIPTION	REMARKS AND OTHER TESTS
		Type Number	Blows/6in.	Recovery (%)	PID/OVM (ppm)				
0		SB-7-1			0.0	SP	Concrete Yellowish brown fine to very fine SAND with silt (medium dense) (moist)	Start: Finish:	
							Grading light yellowish brown		
5		SB-7-6		100	0.0	SC	Mottled dark yellowish brown and light gray clayey SAND (dense) (moist)		
						SM	Yellowish brown silty fine SAND (dense) (moist) Clayey zone 9'-9'5"		
10				100	0.0				
		SB-7-14		100	0.0	SP	Yellowish brown fine SAND with trace silt (dense) (moist)		
				100	0.0				
20				100	0.0		Grading stained soil at 20.5' (hydrocarbon odor) (wet)		
25							Boring was completed to 22.5' bgs. Groundwater encountered at 20'bgs. Boring was backfilled with bentonite.		
30									

ENV2_W/O_WELL_C:\USERS\ANN_CAMPBELL\DESKTOP\PIANN_WORK\JULY_20\60503932\LOGS.GPJ_URSSSEA3B.AECOM.GLB_URSSSEA3.GDT_7/21/16

Project: Holland Partners Group
 Project Location: 1721 Webster Street, Oakland, CA
 Project Number: 60503932

Log of Boring SB-8

Sheet 1 of 1

Date(s) Drilled 7/11/16	Logged By E. Skov	Checked By D. Raubvogel
Drilling Method DPT - Dual Tube	Drilling Contractor PeneCore Drilling	Total Depth of Borehole 15 feet bgs
Drill Rig Type	Drill Bit Size/Type	Ground Surface Elevation (feet MSL)
Groundwater Level (feet bgs)	Sampling Method Acetate Sleeve	Hammer Data
Borehole Backfill	Location	

Elevation, feet	Downhole Depth, feet	SAMPLES				Graphic Log	USCS	MATERIAL DESCRIPTION	REMARKS AND OTHER TESTS
		Type Number	Blows/6in.	Recovery (%)	PID/OVM (ppm)				
0		SB-8-1				GP	Concrete Dark brown very fine SAND with silt (medium dense) (moist) Grading yellowish brown	Start: 2100 Finish:	
5		SB-8-8	100		0.0	SC	Dark yellowish brown clayey fine SAND (medium dense to dense) (moist) (no odor) Grading light yellowish brown		
10		SB-8-13	100		0.0	SM	Light yellowish brown silty fine SAND (medium dense to dense) (moist) Grading with trace clay		
15							Boring was completed to 15' bgs. Groundwater was not encountered. Boring was backfilled with bentonite.		
20									
25									
30									

ENV2_W/O WELL_C:\USERS\ANN_CAMPBELL\DESKTOP\PIANN WORK\JULY 20\60503932\LOGS.GPJ_URSSEA3B.AECOM.GLB_URSSEA3.GDT_7/21/16

Project: Holland Partners Group
Project Location: 1721 Webster Street, Oakland, CA
Project Number: 60503932

Log of Boring SB-9

Sheet 1 of 1

Date(s) Drilled: 7/11/16	Logged By: E. Skov	Checked By: D. Raubvogel
Drilling Method: DPT - Dual Tube	Drilling Contractor: PeneCore Drilling	Total Depth of Borehole: 25 feet bgs
Drill Rig Type:	Drill Bit Size/Type:	Ground Surface Elevation (feet MSL):
Groundwater Level (feet bgs): 22	Sampling Method: Acetate Sleeve	Hammer Data:
Borehole Backfill:	Location:	

Elevation, feet	Downhole Depth, feet	SAMPLES				Graphic Log	USCS	MATERIAL DESCRIPTION	REMARKS AND OTHER TESTS
		Type Number	Blows/6in.	Recovery (%)	PID/OVM (ppm)				
0						SP	Concrete Very dark brown very fine SAND with silt (medium dense) (moist) Grading yellowish brown (no odor)	Start: 2230 Finish:	
		SB-9-2			0.0				
5						SM	Brownish yellow silty fine to very fine SAND with trace clay (medium dense) (moist)		
		SB-9-6			100				
					0.0				
10						SC	Mottled yellowish brown and light gray clayey fine SAND (dense to very dense) (moist)		
					100				
					0.0				
15						SM	Light yellowish brown silty fine SAND (dense) (moist) (no odor) Grading with clay Grading trace clay Grading yellowish brown, no clay		
		SB-9-14			100				
					100				
					0.0				
					100				
20									
					100				
					0.0				
					100				
					100				
25							Grading (wet), some small clayey zones 1"-2" thick 22'-25'	22 ft ▼	
					100				
					0.0				
30							Boring was completed to 25' bgs. Groundwater was encountered at 22' bgs. Boring was backfilled with bentonite.		

ENV2 W/O WELL C:\USERS\ANN_CAMPBELL\DESKTOP\PIANN WORK\JULY 20\60503932\LOGS.GPJ_URSSEA3B.AECOM.GLB_URSSEA3.GDT_7/21/16

Project: Holland Partners Group
 Project Location: 1721 Webster Street, Oakland, CA
 Project Number: 60503932

Log of Boring SB-10

Sheet 1 of 1

Date(s) Drilled 7/12/16	Logged By E. Skov	Checked By D. Raubvogel
Drilling Method DPT - Dual Tube	Drilling Contractor PeneCore Drilling	Total Depth of Borehole 5 feet bgs
Drill Rig Type	Drill Bit Size/Type	Ground Surface Elevation (feet MSL)
Groundwater Level (feet bgs)	Sampling Method Acetate Sleeve	Hammer Data
Borehole Backfill	Location	

Elevation, feet	Downhole Depth, feet	SAMPLES				Graphic Log	USCS	MATERIAL DESCRIPTION	REMARKS AND OTHER TESTS
		Type Number	Blows/6in.	Recovery (%)	PID/OVM (ppm)				
0		SB-10-1			0.0		SP	Concrete Very dark brown fine to very fine SAND with silt (medium dense) (moist) Grading dark yellowish brown	Start: Finish:
5					0.0		SC/CL	Dark yellowish brown clayey fine SAND/sandy CLAY (dense to very dense)(moist)	
								Boring was completed to 5' bgs. Groundwater was not encountered. Boring was backfilled with bentonite.	
10									
15									
20									
25									
30									

ENV2_W/O WELL_C:\USERS\ANN_CAMPBELL\DESKTOP\PIANN WORK\JULY 20\60503932\LOGS.GPJ_URSSEA3B.AECOM.GLB_URSSEA3.GDT_7/21/16

**Appendix C. Laboratory Analytical and Data
Validation Reports**

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

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

TestAmerica Job ID: 720-73308-1
Client Project/Site: 1721 Webster Street

For:
AECOM
Post Montgomery Center
One Montgomery Street
Suite 900
San Francisco, California 94104-4538

Attn: Erik Skov



Authorized for release by:
7/14/2016 5:35:18 PM

Afsaneh Salimpour, Senior Project Manager
(925)484-1919
afsaneh.salimpour@testamericainc.com

LINKS

Review your project
results through
Total Access

Have a Question?



Visit us at:
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.

Results relate only to the items tested and the sample(s) as received by the laboratory.

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15



Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Detection Summary	5
Client Sample Results	9
Surrogate Summary	66
QC Sample Results	70
QC Association Summary	109
Lab Chronicle	117
Certification Summary	124
Method Summary	125
Sample Summary	126
Chain of Custody	127
Receipt Checklists	130

Definitions/Glossary

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

Job ID: 720-73308-1

Laboratory: TestAmerica Pleasanton

Narrative

Job Narrative 720-73308-1

Comments

No additional comments.

Receipt

The samples were received on 7/12/2016 11:30 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 1.6° C and 4.4° C.

GC/MS VOA

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC/MS Semi VOA

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

GC Semi VOA

Method(s) 8082: The following samples required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: SB-2-15' (720-73308-3), SB-8-8' (720-73308-6), SB-9-14' (720-73308-10), (LCS 720-205871/2-A) and (MB 720-205871/1-A).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals

Method(s) 3005A: The following samples requested dissolved metals and were not filtered in the field: SB-2 (720-73308-4), SB-9 (720-73308-11) and SB-4 (720-73308-15). These samples were filtered and preserved upon receipt to the laboratory. ref# 205788

Method(s) 6010B: The following samples was diluted due to the abundance of non-target analyte: SB-8-8' (720-73308-6) and SB-5-9' (720-73308-17). Elevated reporting limits (RLs) are provided.

Method(s) 7470A: The following samples requested dissolved metals and were not filtered in the field: SB-2 (720-73308-4), SB-9 (720-73308-11), SB-4 (720-73308-15), (720-73308-A-4-A MS) and (720-73308-A-4-A MSD). These samples were filtered and preserved upon receipt to the laboratory. Ref#205788.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

General Chemistry

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Detection Summary

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

Client Sample ID: SB-2-4'

Lab Sample ID: 720-73308-1

No Detections.

Client Sample ID: SB-2-10'

Lab Sample ID: 720-73308-2

No Detections.

Client Sample ID: SB-2-15'

Lab Sample ID: 720-73308-3

No Detections.

Client Sample ID: SB-2

Lab Sample ID: 720-73308-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	140		52		ug/L	1		8015B	Total/NA
Motor Oil Range Organics [C24-C36]	210		100		ug/L	1		8015B	Total/NA
TPH-Hydraulic Oil Range (C19-C36)	200		100		ug/L	1		8015B	Total/NA
Barium	0.052		0.050		mg/L	1		6010B	Dissolved
Chromium	0.014		0.010		mg/L	1		6010B	Dissolved
Molybdenum	0.019		0.010		mg/L	1		6010B	Dissolved
Nickel	0.014		0.010		mg/L	1		6010B	Dissolved
Vanadium	0.010		0.010		mg/L	1		6010B	Dissolved

Client Sample ID: SB-8-1'

Lab Sample ID: 720-73308-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	2.8		0.99		mg/Kg	1		8015B	Total/NA
Barium	120		1.6		mg/Kg	4		6010B	Total/NA
Chromium	34		1.6		mg/Kg	4		6010B	Total/NA
Cobalt	8.2		0.66		mg/Kg	4		6010B	Total/NA
Copper	9.1		4.9		mg/Kg	4		6010B	Total/NA
Lead	20		1.6		mg/Kg	4		6010B	Total/NA
Nickel	16		1.6		mg/Kg	4		6010B	Total/NA
Vanadium	24		1.6		mg/Kg	4		6010B	Total/NA
Zinc	34		4.9		mg/Kg	4		6010B	Total/NA
Mercury	0.072		0.010		mg/Kg	1		7471A	Total/NA

Client Sample ID: SB-8-8'

Lab Sample ID: 720-73308-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	76		1.2		mg/Kg	4		6010B	Total/NA
Chromium	64		1.2		mg/Kg	4		6010B	Total/NA
Cobalt	7.2		0.50		mg/Kg	4		6010B	Total/NA
Copper	13		3.7		mg/Kg	4		6010B	Total/NA
Lead	3.4		1.2		mg/Kg	4		6010B	Total/NA
Nickel	49		1.2		mg/Kg	4		6010B	Total/NA
Vanadium	28		1.2		mg/Kg	4		6010B	Total/NA
Zinc	26		3.7		mg/Kg	4		6010B	Total/NA
Mercury	0.14		0.010		mg/Kg	1		7471A	Total/NA

Client Sample ID: SB-8-13'

Lab Sample ID: 720-73308-7

This Detection Summary does not include radiochemical test results.

TestAmerica Pleasanton

Detection Summary

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

Client Sample ID: SB-8-13' (Continued)

Lab Sample ID: 720-73308-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	1.0		0.99		mg/Kg	1		8015B	Total/NA
Barium	35		1.7		mg/Kg	4		6010B	Total/NA
Chromium	57		1.7		mg/Kg	4		6010B	Total/NA
Cobalt	6.8		0.67		mg/Kg	4		6010B	Total/NA
Copper	5.3		5.0		mg/Kg	4		6010B	Total/NA
Lead	1.8		1.7		mg/Kg	4		6010B	Total/NA
Nickel	46		1.7		mg/Kg	4		6010B	Total/NA
Vanadium	32		1.7		mg/Kg	4		6010B	Total/NA
Zinc	21		5.0		mg/Kg	4		6010B	Total/NA
Mercury	0.022		0.0098		mg/Kg	1		7471A	Total/NA

Client Sample ID: SB-9-2'

Lab Sample ID: 720-73308-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	7.9		0.99		mg/Kg	1		8015B	Total/NA
Barium	73		1.7		mg/Kg	4		6010B	Total/NA
Chromium	34		1.7		mg/Kg	4		6010B	Total/NA
Cobalt	3.4		0.68		mg/Kg	4		6010B	Total/NA
Copper	8.3		5.1		mg/Kg	4		6010B	Total/NA
Lead	7.9		1.7		mg/Kg	4		6010B	Total/NA
Nickel	15		1.7		mg/Kg	4		6010B	Total/NA
Vanadium	20		1.7		mg/Kg	4		6010B	Total/NA
Zinc	17		5.1		mg/Kg	4		6010B	Total/NA
Mercury	0.021		0.010		mg/Kg	1		7471A	Total/NA

Client Sample ID: SB-9-6'

Lab Sample ID: 720-73308-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	71		1.5		mg/Kg	4		6010B	Total/NA
Chromium	47		1.5		mg/Kg	4		6010B	Total/NA
Cobalt	6.6		0.59		mg/Kg	4		6010B	Total/NA
Copper	8.4		4.4		mg/Kg	4		6010B	Total/NA
Lead	2.7		1.5		mg/Kg	4		6010B	Total/NA
Nickel	41		1.5		mg/Kg	4		6010B	Total/NA
Vanadium	31		1.5		mg/Kg	4		6010B	Total/NA
Zinc	20		4.4		mg/Kg	4		6010B	Total/NA
Mercury	0.031		0.0094		mg/Kg	1		7471A	Total/NA

Client Sample ID: SB-9-14'

Lab Sample ID: 720-73308-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	46		1.7		mg/Kg	4		6010B	Total/NA
Chromium	41		1.7		mg/Kg	4		6010B	Total/NA
Cobalt	5.9		0.70		mg/Kg	4		6010B	Total/NA
Nickel	34		1.7		mg/Kg	4		6010B	Total/NA
Vanadium	30		1.7		mg/Kg	4		6010B	Total/NA
Zinc	18		5.2		mg/Kg	4		6010B	Total/NA
Mercury	0.018		0.0088		mg/Kg	1		7471A	Total/NA

Client Sample ID: SB-9

Lab Sample ID: 720-73308-11

This Detection Summary does not include radiochemical test results.

TestAmerica Pleasanton

Detection Summary

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

Client Sample ID: SB-9 (Continued)

Lab Sample ID: 720-73308-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	1.0		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Barium	0.055		0.050		mg/L	1		6010B	Dissolved
Cobalt	0.0032		0.0020		mg/L	1		6010B	Dissolved
Molybdenum	0.013		0.010		mg/L	1		6010B	Dissolved
Nickel	0.028		0.010		mg/L	1		6010B	Dissolved

Client Sample ID: SB-4-3'

Lab Sample ID: 720-73308-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	3.8		2.5		mg/Kg	4		6010B	Total/NA
Barium	68		1.3		mg/Kg	4		6010B	Total/NA
Chromium	37		1.3		mg/Kg	4		6010B	Total/NA
Cobalt	26		0.50		mg/Kg	4		6010B	Total/NA
Copper	7.8		3.8		mg/Kg	4		6010B	Total/NA
Lead	2.9		1.3		mg/Kg	4		6010B	Total/NA
Nickel	27		1.3		mg/Kg	4		6010B	Total/NA
Vanadium	40		1.3		mg/Kg	4		6010B	Total/NA
Zinc	14		3.8		mg/Kg	4		6010B	Total/NA
Mercury	0.033		0.0088		mg/Kg	1		7471A	Total/NA

Client Sample ID: SB-4-10'

Lab Sample ID: 720-73308-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	2.9		2.7		mg/Kg	4		6010B	Total/NA
Barium	86		1.4		mg/Kg	4		6010B	Total/NA
Chromium	58		1.4		mg/Kg	4		6010B	Total/NA
Cobalt	6.9		0.54		mg/Kg	4		6010B	Total/NA
Copper	12		4.1		mg/Kg	4		6010B	Total/NA
Lead	3.6		1.4		mg/Kg	4		6010B	Total/NA
Nickel	37		1.4		mg/Kg	4		6010B	Total/NA
Vanadium	38		1.4		mg/Kg	4		6010B	Total/NA
Zinc	27		4.1		mg/Kg	4		6010B	Total/NA
Mercury	0.045		0.0097		mg/Kg	1		7471A	Total/NA

Client Sample ID: SB-4-15'

Lab Sample ID: 720-73308-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	47		1.7		mg/Kg	4		6010B	Total/NA
Chromium	60		1.7		mg/Kg	4		6010B	Total/NA
Cobalt	6.2		0.68		mg/Kg	4		6010B	Total/NA
Copper	5.6		5.1		mg/Kg	4		6010B	Total/NA
Nickel	44		1.7		mg/Kg	4		6010B	Total/NA
Vanadium	35		1.7		mg/Kg	4		6010B	Total/NA
Zinc	20		5.1		mg/Kg	4		6010B	Total/NA
Mercury	0.028		0.0098		mg/Kg	1		7471A	Total/NA

Client Sample ID: SB-4

Lab Sample ID: 720-73308-15

This Detection Summary does not include radiochemical test results.

TestAmerica Pleasanton

Detection Summary

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

Client Sample ID: SB-4 (Continued)

Lab Sample ID: 720-73308-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	2.4		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Barium	0.062		0.050		mg/L	1		6010B	Dissolved
Cobalt	0.0057		0.0020		mg/L	1		6010B	Dissolved
Nickel	0.038		0.010		mg/L	1		6010B	Dissolved
Mercury	0.00021		0.00020		mg/L	1		7470A	Dissolved

Client Sample ID: SB-5-5'

Lab Sample ID: 720-73308-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	3.4		3.0		mg/Kg	4		6010B	Total/NA
Barium	59		1.5		mg/Kg	4		6010B	Total/NA
Chromium	45		1.5		mg/Kg	4		6010B	Total/NA
Cobalt	7.3		0.60		mg/Kg	4		6010B	Total/NA
Copper	9.5		4.5		mg/Kg	4		6010B	Total/NA
Lead	3.2		1.5		mg/Kg	4		6010B	Total/NA
Nickel	42		1.5		mg/Kg	4		6010B	Total/NA
Vanadium	32		1.5		mg/Kg	4		6010B	Total/NA
Zinc	22		4.5		mg/Kg	4		6010B	Total/NA
Mercury	0.030		0.0086		mg/Kg	1		7471A	Total/NA

Client Sample ID: SB-5-9'

Lab Sample ID: 720-73308-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	2.9		2.3		mg/Kg	4		6010B	Total/NA
Barium	98		1.1		mg/Kg	4		6010B	Total/NA
Beryllium	0.24		0.23		mg/Kg	4		6010B	Total/NA
Chromium	60		1.1		mg/Kg	4		6010B	Total/NA
Cobalt	7.1		0.45		mg/Kg	4		6010B	Total/NA
Copper	13		3.4		mg/Kg	4		6010B	Total/NA
Lead	3.5		1.1		mg/Kg	4		6010B	Total/NA
Nickel	42		1.1		mg/Kg	4		6010B	Total/NA
Vanadium	38		1.1		mg/Kg	4		6010B	Total/NA
Zinc	30		3.4		mg/Kg	4		6010B	Total/NA
Mercury	0.048		0.0085		mg/Kg	1		7471A	Total/NA

Client Sample ID: SB-5-14'

Lab Sample ID: 720-73308-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	46		1.7		mg/Kg	4		6010B	Total/NA
Chromium	48		1.7		mg/Kg	4		6010B	Total/NA
Cobalt	5.2		0.70		mg/Kg	4		6010B	Total/NA
Lead	1.7		1.7		mg/Kg	4		6010B	Total/NA
Nickel	36		1.7		mg/Kg	4		6010B	Total/NA
Vanadium	30		1.7		mg/Kg	4		6010B	Total/NA
Zinc	18		5.2		mg/Kg	4		6010B	Total/NA
Mercury	0.022		0.010		mg/Kg	1		7471A	Total/NA

Client Sample ID: TB

Lab Sample ID: 720-73308-19

No Detections.

This Detection Summary does not include radiochemical test results.

TestAmerica Pleasanton

Client Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

Client Sample ID: SB-2-4'

Date Collected: 07/11/16 18:20

Date Received: 07/12/16 11:30

Lab Sample ID: 720-73308-1

Matrix: Solid

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		4.4		ug/Kg		07/12/16 12:30	07/12/16 14:28	1
Acetone	ND		44		ug/Kg		07/12/16 12:30	07/12/16 14:28	1
Benzene	ND		4.4		ug/Kg		07/12/16 12:30	07/12/16 14:28	1
Dichlorobromomethane	ND		4.4		ug/Kg		07/12/16 12:30	07/12/16 14:28	1
Bromobenzene	ND		4.4		ug/Kg		07/12/16 12:30	07/12/16 14:28	1
Chlorobromomethane	ND		17		ug/Kg		07/12/16 12:30	07/12/16 14:28	1
Bromoform	ND		4.4		ug/Kg		07/12/16 12:30	07/12/16 14:28	1
Bromomethane	ND		8.7		ug/Kg		07/12/16 12:30	07/12/16 14:28	1
2-Butanone (MEK)	ND		44		ug/Kg		07/12/16 12:30	07/12/16 14:28	1
n-Butylbenzene	ND		4.4		ug/Kg		07/12/16 12:30	07/12/16 14:28	1
sec-Butylbenzene	ND		4.4		ug/Kg		07/12/16 12:30	07/12/16 14:28	1
tert-Butylbenzene	ND		4.4		ug/Kg		07/12/16 12:30	07/12/16 14:28	1
Carbon disulfide	ND		4.4		ug/Kg		07/12/16 12:30	07/12/16 14:28	1
Carbon tetrachloride	ND		4.4		ug/Kg		07/12/16 12:30	07/12/16 14:28	1
Chlorobenzene	ND		4.4		ug/Kg		07/12/16 12:30	07/12/16 14:28	1
Chloroethane	ND		8.7		ug/Kg		07/12/16 12:30	07/12/16 14:28	1
Chloroform	ND		4.4		ug/Kg		07/12/16 12:30	07/12/16 14:28	1
Chloromethane	ND		8.7		ug/Kg		07/12/16 12:30	07/12/16 14:28	1
2-Chlorotoluene	ND		4.4		ug/Kg		07/12/16 12:30	07/12/16 14:28	1
4-Chlorotoluene	ND		4.4		ug/Kg		07/12/16 12:30	07/12/16 14:28	1
Chlorodibromomethane	ND		4.4		ug/Kg		07/12/16 12:30	07/12/16 14:28	1
1,2-Dichlorobenzene	ND		4.4		ug/Kg		07/12/16 12:30	07/12/16 14:28	1
1,3-Dichlorobenzene	ND		4.4		ug/Kg		07/12/16 12:30	07/12/16 14:28	1
1,4-Dichlorobenzene	ND		4.4		ug/Kg		07/12/16 12:30	07/12/16 14:28	1
1,3-Dichloropropane	ND		4.4		ug/Kg		07/12/16 12:30	07/12/16 14:28	1
1,1-Dichloropropane	ND		4.4		ug/Kg		07/12/16 12:30	07/12/16 14:28	1
1,2-Dibromo-3-Chloropropane	ND		8.7		ug/Kg		07/12/16 12:30	07/12/16 14:28	1
Ethylene Dibromide	ND		4.4		ug/Kg		07/12/16 12:30	07/12/16 14:28	1
Dibromomethane	ND		8.7		ug/Kg		07/12/16 12:30	07/12/16 14:28	1
Dichlorodifluoromethane	ND		8.7		ug/Kg		07/12/16 12:30	07/12/16 14:28	1
1,1-Dichloroethane	ND		4.4		ug/Kg		07/12/16 12:30	07/12/16 14:28	1
1,2-Dichloroethane	ND		4.4		ug/Kg		07/12/16 12:30	07/12/16 14:28	1
1,1-Dichloroethene	ND		4.4		ug/Kg		07/12/16 12:30	07/12/16 14:28	1
cis-1,2-Dichloroethene	ND		4.4		ug/Kg		07/12/16 12:30	07/12/16 14:28	1
trans-1,2-Dichloroethene	ND		4.4		ug/Kg		07/12/16 12:30	07/12/16 14:28	1
1,2-Dichloropropane	ND		4.4		ug/Kg		07/12/16 12:30	07/12/16 14:28	1
cis-1,3-Dichloropropene	ND		4.4		ug/Kg		07/12/16 12:30	07/12/16 14:28	1
trans-1,3-Dichloropropene	ND		4.4		ug/Kg		07/12/16 12:30	07/12/16 14:28	1
Ethylbenzene	ND		4.4		ug/Kg		07/12/16 12:30	07/12/16 14:28	1
Hexachlorobutadiene	ND		4.4		ug/Kg		07/12/16 12:30	07/12/16 14:28	1
2-Hexanone	ND		44		ug/Kg		07/12/16 12:30	07/12/16 14:28	1
Isopropylbenzene	ND		4.4		ug/Kg		07/12/16 12:30	07/12/16 14:28	1
4-Isopropyltoluene	ND		4.4		ug/Kg		07/12/16 12:30	07/12/16 14:28	1
Methylene Chloride	ND		8.7		ug/Kg		07/12/16 12:30	07/12/16 14:28	1
4-Methyl-2-pentanone (MIBK)	ND		44		ug/Kg		07/12/16 12:30	07/12/16 14:28	1
Naphthalene	ND		8.7		ug/Kg		07/12/16 12:30	07/12/16 14:28	1
N-Propylbenzene	ND		4.4		ug/Kg		07/12/16 12:30	07/12/16 14:28	1
Styrene	ND		4.4		ug/Kg		07/12/16 12:30	07/12/16 14:28	1
1,1,1,2-Tetrachloroethane	ND		4.4		ug/Kg		07/12/16 12:30	07/12/16 14:28	1

TestAmerica Pleasanton

Client Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

Client Sample ID: SB-2-4'

Lab Sample ID: 720-73308-1

Date Collected: 07/11/16 18:20

Matrix: Solid

Date Received: 07/12/16 11:30

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		4.4		ug/Kg		07/12/16 12:30	07/12/16 14:28	1
Tetrachloroethene	ND		4.4		ug/Kg		07/12/16 12:30	07/12/16 14:28	1
Toluene	ND		4.4		ug/Kg		07/12/16 12:30	07/12/16 14:28	1
1,2,3-Trichlorobenzene	ND		4.4		ug/Kg		07/12/16 12:30	07/12/16 14:28	1
1,2,4-Trichlorobenzene	ND		4.4		ug/Kg		07/12/16 12:30	07/12/16 14:28	1
1,1,1-Trichloroethane	ND		4.4		ug/Kg		07/12/16 12:30	07/12/16 14:28	1
1,1,2-Trichloroethane	ND		4.4		ug/Kg		07/12/16 12:30	07/12/16 14:28	1
Trichloroethene	ND		4.4		ug/Kg		07/12/16 12:30	07/12/16 14:28	1
Trichlorofluoromethane	ND		4.4		ug/Kg		07/12/16 12:30	07/12/16 14:28	1
1,2,3-Trichloropropane	ND		4.4		ug/Kg		07/12/16 12:30	07/12/16 14:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.4		ug/Kg		07/12/16 12:30	07/12/16 14:28	1
1,2,4-Trimethylbenzene	ND		4.4		ug/Kg		07/12/16 12:30	07/12/16 14:28	1
1,3,5-Trimethylbenzene	ND		4.4		ug/Kg		07/12/16 12:30	07/12/16 14:28	1
Vinyl acetate	ND		17		ug/Kg		07/12/16 12:30	07/12/16 14:28	1
Vinyl chloride	ND		4.4		ug/Kg		07/12/16 12:30	07/12/16 14:28	1
Xylenes, Total	ND		8.7		ug/Kg		07/12/16 12:30	07/12/16 14:28	1
2,2-Dichloropropane	ND		4.4		ug/Kg		07/12/16 12:30	07/12/16 14:28	1
Gasoline Range Organics (GRO) -C5-C12	ND		220		ug/Kg		07/12/16 12:30	07/12/16 14:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	95		45 - 131	07/12/16 12:30	07/12/16 14:28	1
1,2-Dichloroethane-d4 (Surr)	92		60 - 140	07/12/16 12:30	07/12/16 14:28	1
Toluene-d8 (Surr)	96		58 - 140	07/12/16 12:30	07/12/16 14:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		0.99		mg/Kg		07/13/16 09:57	07/13/16 17:02	1
Motor Oil Range Organics [C24-C36]	ND		49		mg/Kg		07/13/16 09:57	07/13/16 17:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
p-Terphenyl	96		40 - 130	07/13/16 09:57	07/13/16 17:02	1

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		2.0		ug/Kg		07/13/16 11:39	07/14/16 00:12	1
Dieldrin	ND		2.0		ug/Kg		07/13/16 11:39	07/14/16 00:12	1
Endrin aldehyde	ND		2.0		ug/Kg		07/13/16 11:39	07/14/16 00:12	1
Endrin	ND		2.0		ug/Kg		07/13/16 11:39	07/14/16 00:12	1
Endrin ketone	ND		2.0		ug/Kg		07/13/16 11:39	07/14/16 00:12	1
Heptachlor	ND		2.0		ug/Kg		07/13/16 11:39	07/14/16 00:12	1
Heptachlor epoxide	ND		2.0		ug/Kg		07/13/16 11:39	07/14/16 00:12	1
4,4'-DDT	ND		2.0		ug/Kg		07/13/16 11:39	07/14/16 00:12	1
4,4'-DDE	ND		2.0		ug/Kg		07/13/16 11:39	07/14/16 00:12	1
4,4'-DDD	ND		2.0		ug/Kg		07/13/16 11:39	07/14/16 00:12	1
Endosulfan I	ND		2.0		ug/Kg		07/13/16 11:39	07/14/16 00:12	1
Endosulfan II	ND		2.0		ug/Kg		07/13/16 11:39	07/14/16 00:12	1
alpha-BHC	ND		2.0		ug/Kg		07/13/16 11:39	07/14/16 00:12	1
beta-BHC	ND		2.0		ug/Kg		07/13/16 11:39	07/14/16 00:12	1
gamma-BHC (Lindane)	ND		2.0		ug/Kg		07/13/16 11:39	07/14/16 00:12	1
delta-BHC	ND		2.0		ug/Kg		07/13/16 11:39	07/14/16 00:12	1

TestAmerica Pleasanton

Client Sample Results

Client: AECOM
 Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

Client Sample ID: SB-2-4'
Date Collected: 07/11/16 18:20
Date Received: 07/12/16 11:30

Lab Sample ID: 720-73308-1
Matrix: Solid

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endosulfan sulfate	ND		2.0		ug/Kg		07/13/16 11:39	07/14/16 00:12	1
Methoxychlor	ND		2.0		ug/Kg		07/13/16 11:39	07/14/16 00:12	1
Toxaphene	ND		39		ug/Kg		07/13/16 11:39	07/14/16 00:12	1
Chlordane (technical)	ND		39		ug/Kg		07/13/16 11:39	07/14/16 00:12	1
alpha-Chlordane	ND		2.0		ug/Kg		07/13/16 11:39	07/14/16 00:12	1
gamma-Chlordane	ND		2.0		ug/Kg		07/13/16 11:39	07/14/16 00:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>Tetrachloro-m-xylene</i>	91		57 - 122				07/13/16 11:39	07/14/16 00:12	1
<i>DCB Decachlorobiphenyl</i>	103		21 - 136				07/13/16 11:39	07/14/16 00:12	1



Client Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

Client Sample ID: SB-2-10'

Date Collected: 07/11/16 19:05

Date Received: 07/12/16 11:30

Lab Sample ID: 720-73308-2

Matrix: Solid

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		3.5		ug/Kg		07/12/16 12:30	07/12/16 14:58	1
Acetone	ND		35		ug/Kg		07/12/16 12:30	07/12/16 14:58	1
Benzene	ND		3.5		ug/Kg		07/12/16 12:30	07/12/16 14:58	1
Dichlorobromomethane	ND		3.5		ug/Kg		07/12/16 12:30	07/12/16 14:58	1
Bromobenzene	ND		3.5		ug/Kg		07/12/16 12:30	07/12/16 14:58	1
Chlorobromomethane	ND		14		ug/Kg		07/12/16 12:30	07/12/16 14:58	1
Bromoform	ND		3.5		ug/Kg		07/12/16 12:30	07/12/16 14:58	1
Bromomethane	ND		7.1		ug/Kg		07/12/16 12:30	07/12/16 14:58	1
2-Butanone (MEK)	ND		35		ug/Kg		07/12/16 12:30	07/12/16 14:58	1
n-Butylbenzene	ND		3.5		ug/Kg		07/12/16 12:30	07/12/16 14:58	1
sec-Butylbenzene	ND		3.5		ug/Kg		07/12/16 12:30	07/12/16 14:58	1
tert-Butylbenzene	ND		3.5		ug/Kg		07/12/16 12:30	07/12/16 14:58	1
Carbon disulfide	ND		3.5		ug/Kg		07/12/16 12:30	07/12/16 14:58	1
Carbon tetrachloride	ND		3.5		ug/Kg		07/12/16 12:30	07/12/16 14:58	1
Chlorobenzene	ND		3.5		ug/Kg		07/12/16 12:30	07/12/16 14:58	1
Chloroethane	ND		7.1		ug/Kg		07/12/16 12:30	07/12/16 14:58	1
Chloroform	ND		3.5		ug/Kg		07/12/16 12:30	07/12/16 14:58	1
Chloromethane	ND		7.1		ug/Kg		07/12/16 12:30	07/12/16 14:58	1
2-Chlorotoluene	ND		3.5		ug/Kg		07/12/16 12:30	07/12/16 14:58	1
4-Chlorotoluene	ND		3.5		ug/Kg		07/12/16 12:30	07/12/16 14:58	1
Chlorodibromomethane	ND		3.5		ug/Kg		07/12/16 12:30	07/12/16 14:58	1
1,2-Dichlorobenzene	ND		3.5		ug/Kg		07/12/16 12:30	07/12/16 14:58	1
1,3-Dichlorobenzene	ND		3.5		ug/Kg		07/12/16 12:30	07/12/16 14:58	1
1,4-Dichlorobenzene	ND		3.5		ug/Kg		07/12/16 12:30	07/12/16 14:58	1
1,3-Dichloropropane	ND		3.5		ug/Kg		07/12/16 12:30	07/12/16 14:58	1
1,1-Dichloropropane	ND		3.5		ug/Kg		07/12/16 12:30	07/12/16 14:58	1
1,2-Dibromo-3-Chloropropane	ND		7.1		ug/Kg		07/12/16 12:30	07/12/16 14:58	1
Ethylene Dibromide	ND		3.5		ug/Kg		07/12/16 12:30	07/12/16 14:58	1
Dibromomethane	ND		7.1		ug/Kg		07/12/16 12:30	07/12/16 14:58	1
Dichlorodifluoromethane	ND		7.1		ug/Kg		07/12/16 12:30	07/12/16 14:58	1
1,1-Dichloroethane	ND		3.5		ug/Kg		07/12/16 12:30	07/12/16 14:58	1
1,2-Dichloroethane	ND		3.5		ug/Kg		07/12/16 12:30	07/12/16 14:58	1
1,1-Dichloroethene	ND		3.5		ug/Kg		07/12/16 12:30	07/12/16 14:58	1
cis-1,2-Dichloroethene	ND		3.5		ug/Kg		07/12/16 12:30	07/12/16 14:58	1
trans-1,2-Dichloroethene	ND		3.5		ug/Kg		07/12/16 12:30	07/12/16 14:58	1
1,2-Dichloropropane	ND		3.5		ug/Kg		07/12/16 12:30	07/12/16 14:58	1
cis-1,3-Dichloropropene	ND		3.5		ug/Kg		07/12/16 12:30	07/12/16 14:58	1
trans-1,3-Dichloropropene	ND		3.5		ug/Kg		07/12/16 12:30	07/12/16 14:58	1
Ethylbenzene	ND		3.5		ug/Kg		07/12/16 12:30	07/12/16 14:58	1
Hexachlorobutadiene	ND		3.5		ug/Kg		07/12/16 12:30	07/12/16 14:58	1
2-Hexanone	ND		35		ug/Kg		07/12/16 12:30	07/12/16 14:58	1
Isopropylbenzene	ND		3.5		ug/Kg		07/12/16 12:30	07/12/16 14:58	1
4-Isopropyltoluene	ND		3.5		ug/Kg		07/12/16 12:30	07/12/16 14:58	1
Methylene Chloride	ND		7.1		ug/Kg		07/12/16 12:30	07/12/16 14:58	1
4-Methyl-2-pentanone (MIBK)	ND		35		ug/Kg		07/12/16 12:30	07/12/16 14:58	1
Naphthalene	ND		7.1		ug/Kg		07/12/16 12:30	07/12/16 14:58	1
N-Propylbenzene	ND		3.5		ug/Kg		07/12/16 12:30	07/12/16 14:58	1
Styrene	ND		3.5		ug/Kg		07/12/16 12:30	07/12/16 14:58	1
1,1,1,2-Tetrachloroethane	ND		3.5		ug/Kg		07/12/16 12:30	07/12/16 14:58	1

TestAmerica Pleasanton

Client Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

Client Sample ID: SB-2-10'

Lab Sample ID: 720-73308-2

Date Collected: 07/11/16 19:05

Matrix: Solid

Date Received: 07/12/16 11:30

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		3.5		ug/Kg		07/12/16 12:30	07/12/16 14:58	1
Tetrachloroethene	ND		3.5		ug/Kg		07/12/16 12:30	07/12/16 14:58	1
Toluene	ND		3.5		ug/Kg		07/12/16 12:30	07/12/16 14:58	1
1,2,3-Trichlorobenzene	ND		3.5		ug/Kg		07/12/16 12:30	07/12/16 14:58	1
1,2,4-Trichlorobenzene	ND		3.5		ug/Kg		07/12/16 12:30	07/12/16 14:58	1
1,1,1-Trichloroethane	ND		3.5		ug/Kg		07/12/16 12:30	07/12/16 14:58	1
1,1,2-Trichloroethane	ND		3.5		ug/Kg		07/12/16 12:30	07/12/16 14:58	1
Trichloroethene	ND		3.5		ug/Kg		07/12/16 12:30	07/12/16 14:58	1
Trichlorofluoromethane	ND		3.5		ug/Kg		07/12/16 12:30	07/12/16 14:58	1
1,2,3-Trichloropropane	ND		3.5		ug/Kg		07/12/16 12:30	07/12/16 14:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		3.5		ug/Kg		07/12/16 12:30	07/12/16 14:58	1
1,2,4-Trimethylbenzene	ND		3.5		ug/Kg		07/12/16 12:30	07/12/16 14:58	1
1,3,5-Trimethylbenzene	ND		3.5		ug/Kg		07/12/16 12:30	07/12/16 14:58	1
Vinyl acetate	ND		14		ug/Kg		07/12/16 12:30	07/12/16 14:58	1
Vinyl chloride	ND		3.5		ug/Kg		07/12/16 12:30	07/12/16 14:58	1
Xylenes, Total	ND		7.1		ug/Kg		07/12/16 12:30	07/12/16 14:58	1
2,2-Dichloropropane	ND		3.5		ug/Kg		07/12/16 12:30	07/12/16 14:58	1
Gasoline Range Organics (GRO) -C5-C12	ND		180		ug/Kg		07/12/16 12:30	07/12/16 14:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	95		45 - 131	07/12/16 12:30	07/12/16 14:58	1
1,2-Dichloroethane-d4 (Surr)	91		60 - 140	07/12/16 12:30	07/12/16 14:58	1
Toluene-d8 (Surr)	96		58 - 140	07/12/16 12:30	07/12/16 14:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		0.066		mg/Kg		07/13/16 09:59	07/13/16 20:17	1
Acenaphthylene	ND		0.066		mg/Kg		07/13/16 09:59	07/13/16 20:17	1
Acenaphthene	ND		0.066		mg/Kg		07/13/16 09:59	07/13/16 20:17	1
Fluorene	ND		0.066		mg/Kg		07/13/16 09:59	07/13/16 20:17	1
Phenanthrene	ND		0.066		mg/Kg		07/13/16 09:59	07/13/16 20:17	1
Anthracene	ND		0.066		mg/Kg		07/13/16 09:59	07/13/16 20:17	1
Fluoranthene	ND		0.066		mg/Kg		07/13/16 09:59	07/13/16 20:17	1
Pyrene	ND		0.066		mg/Kg		07/13/16 09:59	07/13/16 20:17	1
Benzo[a]anthracene	ND		0.33		mg/Kg		07/13/16 09:59	07/13/16 20:17	1
Chrysene	ND		0.066		mg/Kg		07/13/16 09:59	07/13/16 20:17	1
Benzo[b]fluoranthene	ND		0.066		mg/Kg		07/13/16 09:59	07/13/16 20:17	1
Benzo[k]fluoranthene	ND		0.066		mg/Kg		07/13/16 09:59	07/13/16 20:17	1
Benzo[a]pyrene	ND		0.066		mg/Kg		07/13/16 09:59	07/13/16 20:17	1
Indeno[1,2,3-cd]pyrene	ND		0.066		mg/Kg		07/13/16 09:59	07/13/16 20:17	1
Benzo[g,h,i]perylene	ND		0.066		mg/Kg		07/13/16 09:59	07/13/16 20:17	1
Dibenz(a,h)anthracene	ND		0.066		mg/Kg		07/13/16 09:59	07/13/16 20:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	85		21 - 98	07/13/16 09:59	07/13/16 20:17	1
2-Fluorobiphenyl	86		30 - 112	07/13/16 09:59	07/13/16 20:17	1
Terphenyl-d14	89		59 - 134	07/13/16 09:59	07/13/16 20:17	1

TestAmerica Pleasanton

Client Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

Client Sample ID: SB-2-10'
Date Collected: 07/11/16 19:05
Date Received: 07/12/16 11:30

Lab Sample ID: 720-73308-2
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		0.99		mg/Kg		07/13/16 09:57	07/13/16 17:26	1
Motor Oil Range Organics [C24-C36]	ND		50		mg/Kg		07/13/16 09:57	07/13/16 17:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>p-Terphenyl</i>	101		40 - 130				07/13/16 09:57	07/13/16 17:26	1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

Client Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

Client Sample ID: SB-2-15'

Date Collected: 07/11/16 19:25

Date Received: 07/12/16 11:30

Lab Sample ID: 720-73308-3

Matrix: Solid

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		3.6		ug/Kg		07/12/16 12:30	07/12/16 15:29	1
Acetone	ND		36		ug/Kg		07/12/16 12:30	07/12/16 15:29	1
Benzene	ND		3.6		ug/Kg		07/12/16 12:30	07/12/16 15:29	1
Dichlorobromomethane	ND		3.6		ug/Kg		07/12/16 12:30	07/12/16 15:29	1
Bromobenzene	ND		3.6		ug/Kg		07/12/16 12:30	07/12/16 15:29	1
Chlorobromomethane	ND		14		ug/Kg		07/12/16 12:30	07/12/16 15:29	1
Bromoform	ND		3.6		ug/Kg		07/12/16 12:30	07/12/16 15:29	1
Bromomethane	ND		7.2		ug/Kg		07/12/16 12:30	07/12/16 15:29	1
2-Butanone (MEK)	ND		36		ug/Kg		07/12/16 12:30	07/12/16 15:29	1
n-Butylbenzene	ND		3.6		ug/Kg		07/12/16 12:30	07/12/16 15:29	1
sec-Butylbenzene	ND		3.6		ug/Kg		07/12/16 12:30	07/12/16 15:29	1
tert-Butylbenzene	ND		3.6		ug/Kg		07/12/16 12:30	07/12/16 15:29	1
Carbon disulfide	ND		3.6		ug/Kg		07/12/16 12:30	07/12/16 15:29	1
Carbon tetrachloride	ND		3.6		ug/Kg		07/12/16 12:30	07/12/16 15:29	1
Chlorobenzene	ND		3.6		ug/Kg		07/12/16 12:30	07/12/16 15:29	1
Chloroethane	ND		7.2		ug/Kg		07/12/16 12:30	07/12/16 15:29	1
Chloroform	ND		3.6		ug/Kg		07/12/16 12:30	07/12/16 15:29	1
Chloromethane	ND		7.2		ug/Kg		07/12/16 12:30	07/12/16 15:29	1
2-Chlorotoluene	ND		3.6		ug/Kg		07/12/16 12:30	07/12/16 15:29	1
4-Chlorotoluene	ND		3.6		ug/Kg		07/12/16 12:30	07/12/16 15:29	1
Chlorodibromomethane	ND		3.6		ug/Kg		07/12/16 12:30	07/12/16 15:29	1
1,2-Dichlorobenzene	ND		3.6		ug/Kg		07/12/16 12:30	07/12/16 15:29	1
1,3-Dichlorobenzene	ND		3.6		ug/Kg		07/12/16 12:30	07/12/16 15:29	1
1,4-Dichlorobenzene	ND		3.6		ug/Kg		07/12/16 12:30	07/12/16 15:29	1
1,3-Dichloropropane	ND		3.6		ug/Kg		07/12/16 12:30	07/12/16 15:29	1
1,1-Dichloropropane	ND		3.6		ug/Kg		07/12/16 12:30	07/12/16 15:29	1
1,2-Dibromo-3-Chloropropane	ND		7.2		ug/Kg		07/12/16 12:30	07/12/16 15:29	1
Ethylene Dibromide	ND		3.6		ug/Kg		07/12/16 12:30	07/12/16 15:29	1
Dibromomethane	ND		7.2		ug/Kg		07/12/16 12:30	07/12/16 15:29	1
Dichlorodifluoromethane	ND		7.2		ug/Kg		07/12/16 12:30	07/12/16 15:29	1
1,1-Dichloroethane	ND		3.6		ug/Kg		07/12/16 12:30	07/12/16 15:29	1
1,2-Dichloroethane	ND		3.6		ug/Kg		07/12/16 12:30	07/12/16 15:29	1
1,1-Dichloroethene	ND		3.6		ug/Kg		07/12/16 12:30	07/12/16 15:29	1
cis-1,2-Dichloroethene	ND		3.6		ug/Kg		07/12/16 12:30	07/12/16 15:29	1
trans-1,2-Dichloroethene	ND		3.6		ug/Kg		07/12/16 12:30	07/12/16 15:29	1
1,2-Dichloropropane	ND		3.6		ug/Kg		07/12/16 12:30	07/12/16 15:29	1
cis-1,3-Dichloropropene	ND		3.6		ug/Kg		07/12/16 12:30	07/12/16 15:29	1
trans-1,3-Dichloropropene	ND		3.6		ug/Kg		07/12/16 12:30	07/12/16 15:29	1
Ethylbenzene	ND		3.6		ug/Kg		07/12/16 12:30	07/12/16 15:29	1
Hexachlorobutadiene	ND		3.6		ug/Kg		07/12/16 12:30	07/12/16 15:29	1
2-Hexanone	ND		36		ug/Kg		07/12/16 12:30	07/12/16 15:29	1
Isopropylbenzene	ND		3.6		ug/Kg		07/12/16 12:30	07/12/16 15:29	1
4-Isopropyltoluene	ND		3.6		ug/Kg		07/12/16 12:30	07/12/16 15:29	1
Methylene Chloride	ND		7.2		ug/Kg		07/12/16 12:30	07/12/16 15:29	1
4-Methyl-2-pentanone (MIBK)	ND		36		ug/Kg		07/12/16 12:30	07/12/16 15:29	1
Naphthalene	ND		7.2		ug/Kg		07/12/16 12:30	07/12/16 15:29	1
N-Propylbenzene	ND		3.6		ug/Kg		07/12/16 12:30	07/12/16 15:29	1
Styrene	ND		3.6		ug/Kg		07/12/16 12:30	07/12/16 15:29	1
1,1,1,2-Tetrachloroethane	ND		3.6		ug/Kg		07/12/16 12:30	07/12/16 15:29	1

TestAmerica Pleasanton

Client Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

Client Sample ID: SB-2-15'

Lab Sample ID: 720-73308-3

Date Collected: 07/11/16 19:25

Matrix: Solid

Date Received: 07/12/16 11:30

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		3.6		ug/Kg		07/12/16 12:30	07/12/16 15:29	1
Tetrachloroethene	ND		3.6		ug/Kg		07/12/16 12:30	07/12/16 15:29	1
Toluene	ND		3.6		ug/Kg		07/12/16 12:30	07/12/16 15:29	1
1,2,3-Trichlorobenzene	ND		3.6		ug/Kg		07/12/16 12:30	07/12/16 15:29	1
1,2,4-Trichlorobenzene	ND		3.6		ug/Kg		07/12/16 12:30	07/12/16 15:29	1
1,1,1-Trichloroethane	ND		3.6		ug/Kg		07/12/16 12:30	07/12/16 15:29	1
1,1,2-Trichloroethane	ND		3.6		ug/Kg		07/12/16 12:30	07/12/16 15:29	1
Trichloroethene	ND		3.6		ug/Kg		07/12/16 12:30	07/12/16 15:29	1
Trichlorofluoromethane	ND		3.6		ug/Kg		07/12/16 12:30	07/12/16 15:29	1
1,2,3-Trichloropropane	ND		3.6		ug/Kg		07/12/16 12:30	07/12/16 15:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		3.6		ug/Kg		07/12/16 12:30	07/12/16 15:29	1
1,2,4-Trimethylbenzene	ND		3.6		ug/Kg		07/12/16 12:30	07/12/16 15:29	1
1,3,5-Trimethylbenzene	ND		3.6		ug/Kg		07/12/16 12:30	07/12/16 15:29	1
Vinyl acetate	ND		14		ug/Kg		07/12/16 12:30	07/12/16 15:29	1
Vinyl chloride	ND		3.6		ug/Kg		07/12/16 12:30	07/12/16 15:29	1
Xylenes, Total	ND		7.2		ug/Kg		07/12/16 12:30	07/12/16 15:29	1
2,2-Dichloropropane	ND		3.6		ug/Kg		07/12/16 12:30	07/12/16 15:29	1
Gasoline Range Organics (GRO) -C5-C12	ND		180		ug/Kg		07/12/16 12:30	07/12/16 15:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	94		45 - 131	07/12/16 12:30	07/12/16 15:29	1
1,2-Dichloroethane-d4 (Surr)	96		60 - 140	07/12/16 12:30	07/12/16 15:29	1
Toluene-d8 (Surr)	96		58 - 140	07/12/16 12:30	07/12/16 15:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		1.0		mg/Kg		07/13/16 09:57	07/13/16 17:50	1
Motor Oil Range Organics [C24-C36]	ND		50		mg/Kg		07/13/16 09:57	07/13/16 17:50	1
TPH-Hydraulic Oil Range (C19-C36)	ND		50		mg/Kg		07/13/16 09:57	07/13/16 17:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
p-Terphenyl	100		40 - 130	07/13/16 09:57	07/13/16 17:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		49		ug/Kg		07/13/16 14:31	07/13/16 20:37	1
PCB-1221	ND		49		ug/Kg		07/13/16 14:31	07/13/16 20:37	1
PCB-1232	ND		49		ug/Kg		07/13/16 14:31	07/13/16 20:37	1
PCB-1242	ND		49		ug/Kg		07/13/16 14:31	07/13/16 20:37	1
PCB-1248	ND		49		ug/Kg		07/13/16 14:31	07/13/16 20:37	1
PCB-1254	ND		49		ug/Kg		07/13/16 14:31	07/13/16 20:37	1
PCB-1260	ND		49		ug/Kg		07/13/16 14:31	07/13/16 20:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	85		45 - 132	07/13/16 14:31	07/13/16 20:37	1
DCB Decachlorobiphenyl	69		42 - 146	07/13/16 14:31	07/13/16 20:37	1

TestAmerica Pleasanton

Client Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

Client Sample ID: SB-2
Date Collected: 07/11/16 20:15
Date Received: 07/12/16 11:30

Lab Sample ID: 720-73308-4
Matrix: Water

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			07/12/16 17:56	1
Acetone	ND		50		ug/L			07/12/16 17:56	1
Benzene	ND		0.50		ug/L			07/12/16 17:56	1
Dichlorobromomethane	ND		0.50		ug/L			07/12/16 17:56	1
Bromobenzene	ND		1.0		ug/L			07/12/16 17:56	1
Chlorobromomethane	ND		1.0		ug/L			07/12/16 17:56	1
Bromoform	ND		1.0		ug/L			07/12/16 17:56	1
Bromomethane	ND		1.0		ug/L			07/12/16 17:56	1
2-Butanone (MEK)	ND		50		ug/L			07/12/16 17:56	1
n-Butylbenzene	ND		1.0		ug/L			07/12/16 17:56	1
sec-Butylbenzene	ND		1.0		ug/L			07/12/16 17:56	1
tert-Butylbenzene	ND		1.0		ug/L			07/12/16 17:56	1
Carbon disulfide	ND		5.0		ug/L			07/12/16 17:56	1
Carbon tetrachloride	ND		0.50		ug/L			07/12/16 17:56	1
Chlorobenzene	ND		0.50		ug/L			07/12/16 17:56	1
Chloroethane	ND		1.0		ug/L			07/12/16 17:56	1
Chloroform	ND		1.0		ug/L			07/12/16 17:56	1
Chloromethane	ND		1.0		ug/L			07/12/16 17:56	1
2-Chlorotoluene	ND		0.50		ug/L			07/12/16 17:56	1
4-Chlorotoluene	ND		0.50		ug/L			07/12/16 17:56	1
Chlorodibromomethane	ND		0.50		ug/L			07/12/16 17:56	1
1,2-Dichlorobenzene	ND		0.50		ug/L			07/12/16 17:56	1
1,3-Dichlorobenzene	ND		0.50		ug/L			07/12/16 17:56	1
1,4-Dichlorobenzene	ND		0.50		ug/L			07/12/16 17:56	1
1,3-Dichloropropane	ND		1.0		ug/L			07/12/16 17:56	1
1,1-Dichloropropene	ND		0.50		ug/L			07/12/16 17:56	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			07/12/16 17:56	1
Ethylene Dibromide	ND		0.50		ug/L			07/12/16 17:56	1
Dibromomethane	ND		0.50		ug/L			07/12/16 17:56	1
Dichlorodifluoromethane	ND		0.50		ug/L			07/12/16 17:56	1
1,1-Dichloroethane	ND		0.50		ug/L			07/12/16 17:56	1
1,2-Dichloroethane	ND		0.50		ug/L			07/12/16 17:56	1
1,1-Dichloroethene	ND		0.50		ug/L			07/12/16 17:56	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			07/12/16 17:56	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			07/12/16 17:56	1
1,2-Dichloropropane	ND		0.50		ug/L			07/12/16 17:56	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			07/12/16 17:56	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			07/12/16 17:56	1
Ethylbenzene	ND		0.50		ug/L			07/12/16 17:56	1
Hexachlorobutadiene	ND		1.0		ug/L			07/12/16 17:56	1
2-Hexanone	ND		50		ug/L			07/12/16 17:56	1
Isopropylbenzene	ND		0.50		ug/L			07/12/16 17:56	1
4-Isopropyltoluene	ND		1.0		ug/L			07/12/16 17:56	1
Methylene Chloride	ND		5.0		ug/L			07/12/16 17:56	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/12/16 17:56	1
Naphthalene	ND		1.0		ug/L			07/12/16 17:56	1
N-Propylbenzene	ND		1.0		ug/L			07/12/16 17:56	1
Styrene	ND		0.50		ug/L			07/12/16 17:56	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			07/12/16 17:56	1

TestAmerica Pleasanton

Client Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

Client Sample ID: SB-2

Lab Sample ID: 720-73308-4

Date Collected: 07/11/16 20:15

Matrix: Water

Date Received: 07/12/16 11:30

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			07/12/16 17:56	1
Tetrachloroethene	ND		0.50		ug/L			07/12/16 17:56	1
Toluene	ND		0.50		ug/L			07/12/16 17:56	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			07/12/16 17:56	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			07/12/16 17:56	1
1,1,1-Trichloroethane	ND		0.50		ug/L			07/12/16 17:56	1
1,1,2-Trichloroethane	ND		0.50		ug/L			07/12/16 17:56	1
Trichloroethene	ND		0.50		ug/L			07/12/16 17:56	1
Trichlorofluoromethane	ND		1.0		ug/L			07/12/16 17:56	1
1,2,3-Trichloropropane	ND		0.50		ug/L			07/12/16 17:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			07/12/16 17:56	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			07/12/16 17:56	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			07/12/16 17:56	1
Vinyl acetate	ND		10		ug/L			07/12/16 17:56	1
Vinyl chloride	ND		0.50		ug/L			07/12/16 17:56	1
Xylenes, Total	ND		1.0		ug/L			07/12/16 17:56	1
2,2-Dichloropropane	ND		0.50		ug/L			07/12/16 17:56	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			07/12/16 17:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	104		67 - 130					07/12/16 17:56	1
1,2-Dichloroethane-d4 (Surr)	112		72 - 130					07/12/16 17:56	1
Toluene-d8 (Surr)	98		70 - 130					07/12/16 17:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	140		52		ug/L		07/13/16 09:59	07/13/16 19:28	1
Motor Oil Range Organics [C24-C36]	210		100		ug/L		07/13/16 09:59	07/13/16 19:28	1
TPH-Hydraulic Oil Range (C19-C36)	200		100		ug/L		07/13/16 09:59	07/13/16 19:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
p-Terphenyl	83		23 - 156				07/13/16 09:59	07/13/16 19:28	1

Method: 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.010		mg/L		07/13/16 14:32	07/14/16 11:45	1
Arsenic	ND		0.010		mg/L		07/13/16 14:32	07/14/16 11:45	1
Barium	0.052		0.050		mg/L		07/13/16 14:32	07/14/16 11:45	1
Beryllium	ND		0.0020		mg/L		07/13/16 14:32	07/14/16 11:45	1
Cadmium	ND		0.0020		mg/L		07/13/16 14:32	07/14/16 11:45	1
Chromium	0.014		0.010		mg/L		07/13/16 14:32	07/14/16 11:45	1
Cobalt	ND		0.0020		mg/L		07/13/16 14:32	07/14/16 11:45	1
Copper	ND		0.020		mg/L		07/13/16 14:32	07/14/16 11:45	1
Lead	ND		0.0050		mg/L		07/13/16 14:32	07/14/16 11:45	1
Molybdenum	0.019		0.010		mg/L		07/13/16 14:32	07/14/16 11:45	1
Nickel	0.014		0.010		mg/L		07/13/16 14:32	07/14/16 11:45	1
Selenium	ND		0.020		mg/L		07/13/16 14:32	07/14/16 11:45	1
Silver	ND		0.0050		mg/L		07/13/16 14:32	07/14/16 11:45	1
Thallium	ND		0.010		mg/L		07/13/16 14:32	07/14/16 11:45	1

TestAmerica Pleasanton

Client Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

Client Sample ID: SB-2

Lab Sample ID: 720-73308-4

Date Collected: 07/11/16 20:15

Matrix: Water

Date Received: 07/12/16 11:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vanadium	0.010		0.010		mg/L		07/13/16 14:32	07/14/16 11:45	1
Zinc	ND		0.020		mg/L		07/13/16 14:32	07/14/16 11:45	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		07/13/16 18:08	07/14/16 11:13	1

Client Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

Client Sample ID: SB-8-1'

Date Collected: 07/11/16 21:15

Date Received: 07/12/16 11:30

Lab Sample ID: 720-73308-5

Matrix: Solid

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		5.0		ug/Kg		07/12/16 12:30	07/12/16 15:59	1
Acetone	ND		50		ug/Kg		07/12/16 12:30	07/12/16 15:59	1
Benzene	ND		5.0		ug/Kg		07/12/16 12:30	07/12/16 15:59	1
Dichlorobromomethane	ND		5.0		ug/Kg		07/12/16 12:30	07/12/16 15:59	1
Bromobenzene	ND		5.0		ug/Kg		07/12/16 12:30	07/12/16 15:59	1
Chlorobromomethane	ND		20		ug/Kg		07/12/16 12:30	07/12/16 15:59	1
Bromoform	ND		5.0		ug/Kg		07/12/16 12:30	07/12/16 15:59	1
Bromomethane	ND		10		ug/Kg		07/12/16 12:30	07/12/16 15:59	1
2-Butanone (MEK)	ND		50		ug/Kg		07/12/16 12:30	07/12/16 15:59	1
n-Butylbenzene	ND		5.0		ug/Kg		07/12/16 12:30	07/12/16 15:59	1
sec-Butylbenzene	ND		5.0		ug/Kg		07/12/16 12:30	07/12/16 15:59	1
tert-Butylbenzene	ND		5.0		ug/Kg		07/12/16 12:30	07/12/16 15:59	1
Carbon disulfide	ND		5.0		ug/Kg		07/12/16 12:30	07/12/16 15:59	1
Carbon tetrachloride	ND		5.0		ug/Kg		07/12/16 12:30	07/12/16 15:59	1
Chlorobenzene	ND		5.0		ug/Kg		07/12/16 12:30	07/12/16 15:59	1
Chloroethane	ND		10		ug/Kg		07/12/16 12:30	07/12/16 15:59	1
Chloroform	ND		5.0		ug/Kg		07/12/16 12:30	07/12/16 15:59	1
Chloromethane	ND		10		ug/Kg		07/12/16 12:30	07/12/16 15:59	1
2-Chlorotoluene	ND		5.0		ug/Kg		07/12/16 12:30	07/12/16 15:59	1
4-Chlorotoluene	ND		5.0		ug/Kg		07/12/16 12:30	07/12/16 15:59	1
Chlorodibromomethane	ND		5.0		ug/Kg		07/12/16 12:30	07/12/16 15:59	1
1,2-Dichlorobenzene	ND		5.0		ug/Kg		07/12/16 12:30	07/12/16 15:59	1
1,3-Dichlorobenzene	ND		5.0		ug/Kg		07/12/16 12:30	07/12/16 15:59	1
1,4-Dichlorobenzene	ND		5.0		ug/Kg		07/12/16 12:30	07/12/16 15:59	1
1,3-Dichloropropane	ND		5.0		ug/Kg		07/12/16 12:30	07/12/16 15:59	1
1,1-Dichloropropane	ND		5.0		ug/Kg		07/12/16 12:30	07/12/16 15:59	1
1,2-Dibromo-3-Chloropropane	ND		10		ug/Kg		07/12/16 12:30	07/12/16 15:59	1
Ethylene Dibromide	ND		5.0		ug/Kg		07/12/16 12:30	07/12/16 15:59	1
Dibromomethane	ND		10		ug/Kg		07/12/16 12:30	07/12/16 15:59	1
Dichlorodifluoromethane	ND		10		ug/Kg		07/12/16 12:30	07/12/16 15:59	1
1,1-Dichloroethane	ND		5.0		ug/Kg		07/12/16 12:30	07/12/16 15:59	1
1,2-Dichloroethane	ND		5.0		ug/Kg		07/12/16 12:30	07/12/16 15:59	1
1,1-Dichloroethene	ND		5.0		ug/Kg		07/12/16 12:30	07/12/16 15:59	1
cis-1,2-Dichloroethene	ND		5.0		ug/Kg		07/12/16 12:30	07/12/16 15:59	1
trans-1,2-Dichloroethene	ND		5.0		ug/Kg		07/12/16 12:30	07/12/16 15:59	1
1,2-Dichloropropane	ND		5.0		ug/Kg		07/12/16 12:30	07/12/16 15:59	1
cis-1,3-Dichloropropene	ND		5.0		ug/Kg		07/12/16 12:30	07/12/16 15:59	1
trans-1,3-Dichloropropene	ND		5.0		ug/Kg		07/12/16 12:30	07/12/16 15:59	1
Ethylbenzene	ND		5.0		ug/Kg		07/12/16 12:30	07/12/16 15:59	1
Hexachlorobutadiene	ND		5.0		ug/Kg		07/12/16 12:30	07/12/16 15:59	1
2-Hexanone	ND		50		ug/Kg		07/12/16 12:30	07/12/16 15:59	1
Isopropylbenzene	ND		5.0		ug/Kg		07/12/16 12:30	07/12/16 15:59	1
4-Isopropyltoluene	ND		5.0		ug/Kg		07/12/16 12:30	07/12/16 15:59	1
Methylene Chloride	ND		10		ug/Kg		07/12/16 12:30	07/12/16 15:59	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/Kg		07/12/16 12:30	07/12/16 15:59	1
Naphthalene	ND		10		ug/Kg		07/12/16 12:30	07/12/16 15:59	1
N-Propylbenzene	ND		5.0		ug/Kg		07/12/16 12:30	07/12/16 15:59	1
Styrene	ND		5.0		ug/Kg		07/12/16 12:30	07/12/16 15:59	1
1,1,1,2-Tetrachloroethane	ND		5.0		ug/Kg		07/12/16 12:30	07/12/16 15:59	1

TestAmerica Pleasanton

Client Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

Client Sample ID: SB-8-1'

Lab Sample ID: 720-73308-5

Date Collected: 07/11/16 21:15

Matrix: Solid

Date Received: 07/12/16 11:30

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		5.0		ug/Kg		07/12/16 12:30	07/12/16 15:59	1
Tetrachloroethene	ND		5.0		ug/Kg		07/12/16 12:30	07/12/16 15:59	1
Toluene	ND		5.0		ug/Kg		07/12/16 12:30	07/12/16 15:59	1
1,2,3-Trichlorobenzene	ND		5.0		ug/Kg		07/12/16 12:30	07/12/16 15:59	1
1,2,4-Trichlorobenzene	ND		5.0		ug/Kg		07/12/16 12:30	07/12/16 15:59	1
1,1,1-Trichloroethane	ND		5.0		ug/Kg		07/12/16 12:30	07/12/16 15:59	1
1,1,2-Trichloroethane	ND		5.0		ug/Kg		07/12/16 12:30	07/12/16 15:59	1
Trichloroethene	ND		5.0		ug/Kg		07/12/16 12:30	07/12/16 15:59	1
Trichlorofluoromethane	ND		5.0		ug/Kg		07/12/16 12:30	07/12/16 15:59	1
1,2,3-Trichloropropane	ND		5.0		ug/Kg		07/12/16 12:30	07/12/16 15:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0		ug/Kg		07/12/16 12:30	07/12/16 15:59	1
1,2,4-Trimethylbenzene	ND		5.0		ug/Kg		07/12/16 12:30	07/12/16 15:59	1
1,3,5-Trimethylbenzene	ND		5.0		ug/Kg		07/12/16 12:30	07/12/16 15:59	1
Vinyl acetate	ND		20		ug/Kg		07/12/16 12:30	07/12/16 15:59	1
Vinyl chloride	ND		5.0		ug/Kg		07/12/16 12:30	07/12/16 15:59	1
Xylenes, Total	ND		10		ug/Kg		07/12/16 12:30	07/12/16 15:59	1
2,2-Dichloropropane	ND		5.0		ug/Kg		07/12/16 12:30	07/12/16 15:59	1
Gasoline Range Organics (GRO) -C5-C12	ND		250		ug/Kg		07/12/16 12:30	07/12/16 15:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	81		45 - 131	07/12/16 12:30	07/12/16 15:59	1
1,2-Dichloroethane-d4 (Surr)	99		60 - 140	07/12/16 12:30	07/12/16 15:59	1
Toluene-d8 (Surr)	93		58 - 140	07/12/16 12:30	07/12/16 15:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		0.066		mg/Kg		07/13/16 09:59	07/13/16 19:51	1
Acenaphthylene	ND		0.066		mg/Kg		07/13/16 09:59	07/13/16 19:51	1
Acenaphthene	ND		0.066		mg/Kg		07/13/16 09:59	07/13/16 19:51	1
Fluorene	ND		0.066		mg/Kg		07/13/16 09:59	07/13/16 19:51	1
Phenanthrene	ND		0.066		mg/Kg		07/13/16 09:59	07/13/16 19:51	1
Anthracene	ND		0.066		mg/Kg		07/13/16 09:59	07/13/16 19:51	1
Fluoranthene	ND		0.066		mg/Kg		07/13/16 09:59	07/13/16 19:51	1
Pyrene	ND		0.066		mg/Kg		07/13/16 09:59	07/13/16 19:51	1
Benzo[a]anthracene	ND		0.33		mg/Kg		07/13/16 09:59	07/13/16 19:51	1
Chrysene	ND		0.066		mg/Kg		07/13/16 09:59	07/13/16 19:51	1
Benzo[b]fluoranthene	ND		0.066		mg/Kg		07/13/16 09:59	07/13/16 19:51	1
Benzo[k]fluoranthene	ND		0.066		mg/Kg		07/13/16 09:59	07/13/16 19:51	1
Benzo[a]pyrene	ND		0.066		mg/Kg		07/13/16 09:59	07/13/16 19:51	1
Indeno[1,2,3-cd]pyrene	ND		0.066		mg/Kg		07/13/16 09:59	07/13/16 19:51	1
Benzo[g,h,i]perylene	ND		0.066		mg/Kg		07/13/16 09:59	07/13/16 19:51	1
Dibenz(a,h)anthracene	ND		0.066		mg/Kg		07/13/16 09:59	07/13/16 19:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	82		21 - 98	07/13/16 09:59	07/13/16 19:51	1
2-Fluorobiphenyl	83		30 - 112	07/13/16 09:59	07/13/16 19:51	1
Terphenyl-d14	89		59 - 134	07/13/16 09:59	07/13/16 19:51	1

TestAmerica Pleasanton

Client Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

Client Sample ID: SB-8-1'

Lab Sample ID: 720-73308-5

Date Collected: 07/11/16 21:15

Matrix: Solid

Date Received: 07/12/16 11:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	2.8		0.99		mg/Kg		07/13/16 09:57	07/13/16 21:06	1
Motor Oil Range Organics [C24-C36]	ND		50		mg/Kg		07/13/16 09:57	07/13/16 21:06	1
TPH-Hydraulic Oil Range (C19-C36)	ND		50		mg/Kg		07/13/16 09:57	07/13/16 21:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>p-Terphenyl</i>	91		40 - 130				07/13/16 09:57	07/13/16 21:06	1

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		1.9		ug/Kg		07/13/16 11:39	07/14/16 00:29	1
Dieldrin	ND		1.9		ug/Kg		07/13/16 11:39	07/14/16 00:29	1
Endrin aldehyde	ND		1.9		ug/Kg		07/13/16 11:39	07/14/16 00:29	1
Endrin	ND		1.9		ug/Kg		07/13/16 11:39	07/14/16 00:29	1
Endrin ketone	ND		1.9		ug/Kg		07/13/16 11:39	07/14/16 00:29	1
Heptachlor	ND		1.9		ug/Kg		07/13/16 11:39	07/14/16 00:29	1
Heptachlor epoxide	ND		1.9		ug/Kg		07/13/16 11:39	07/14/16 00:29	1
4,4'-DDT	ND		1.9		ug/Kg		07/13/16 11:39	07/14/16 00:29	1
4,4'-DDE	ND		1.9		ug/Kg		07/13/16 11:39	07/14/16 00:29	1
4,4'-DDD	ND		1.9		ug/Kg		07/13/16 11:39	07/14/16 00:29	1
Endosulfan I	ND		1.9		ug/Kg		07/13/16 11:39	07/14/16 00:29	1
Endosulfan II	ND		1.9		ug/Kg		07/13/16 11:39	07/14/16 00:29	1
alpha-BHC	ND		1.9		ug/Kg		07/13/16 11:39	07/14/16 00:29	1
beta-BHC	ND		1.9		ug/Kg		07/13/16 11:39	07/14/16 00:29	1
gamma-BHC (Lindane)	ND		1.9		ug/Kg		07/13/16 11:39	07/14/16 00:29	1
delta-BHC	ND		1.9		ug/Kg		07/13/16 11:39	07/14/16 00:29	1
Endosulfan sulfate	ND		1.9		ug/Kg		07/13/16 11:39	07/14/16 00:29	1
Methoxychlor	ND		1.9		ug/Kg		07/13/16 11:39	07/14/16 00:29	1
Toxaphene	ND		39		ug/Kg		07/13/16 11:39	07/14/16 00:29	1
Chlordane (technical)	ND		39		ug/Kg		07/13/16 11:39	07/14/16 00:29	1
alpha-Chlordane	ND		1.9		ug/Kg		07/13/16 11:39	07/14/16 00:29	1
gamma-Chlordane	ND		1.9		ug/Kg		07/13/16 11:39	07/14/16 00:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>Tetrachloro-m-xylene</i>	85		57 - 122				07/13/16 11:39	07/14/16 00:29	1
<i>DCB Decachlorobiphenyl</i>	110		21 - 136				07/13/16 11:39	07/14/16 00:29	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.6		mg/Kg		07/12/16 19:10	07/13/16 19:33	4
Arsenic	ND		3.3		mg/Kg		07/12/16 19:10	07/13/16 19:33	4
Barium	120		1.6		mg/Kg		07/12/16 19:10	07/13/16 19:33	4
Beryllium	ND		0.33		mg/Kg		07/12/16 19:10	07/13/16 19:33	4
Cadmium	ND		0.41		mg/Kg		07/12/16 19:10	07/13/16 19:33	4
Chromium	34		1.6		mg/Kg		07/12/16 19:10	07/13/16 19:33	4
Cobalt	8.2		0.66		mg/Kg		07/12/16 19:10	07/13/16 19:33	4
Copper	9.1		4.9		mg/Kg		07/12/16 19:10	07/13/16 19:33	4
Lead	20		1.6		mg/Kg		07/12/16 19:10	07/13/16 19:33	4
Molybdenum	ND		1.6		mg/Kg		07/12/16 19:10	07/13/16 19:33	4
Nickel	16		1.6		mg/Kg		07/12/16 19:10	07/13/16 19:33	4
Selenium	ND		3.3		mg/Kg		07/12/16 19:10	07/13/16 19:33	4

TestAmerica Pleasanton

Client Sample Results

Client: AECOM
 Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

Client Sample ID: SB-8-1'
Date Collected: 07/11/16 21:15
Date Received: 07/12/16 11:30

Lab Sample ID: 720-73308-5
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.82		mg/Kg		07/12/16 19:10	07/13/16 19:33	4
Thallium	ND		1.6		mg/Kg		07/12/16 19:10	07/13/16 19:33	4
Vanadium	24		1.6		mg/Kg		07/12/16 19:10	07/13/16 19:33	4
Zinc	34		4.9		mg/Kg		07/12/16 19:10	07/13/16 19:33	4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.072		0.010		mg/Kg		07/13/16 17:08	07/14/16 14:03	1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

Client Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

Client Sample ID: SB-8-8'
Date Collected: 07/11/16 21:40
Date Received: 07/12/16 11:30

Lab Sample ID: 720-73308-6
Matrix: Solid

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		3.4		ug/Kg		07/12/16 12:30	07/12/16 16:29	1
Acetone	ND		34		ug/Kg		07/12/16 12:30	07/12/16 16:29	1
Benzene	ND		3.4		ug/Kg		07/12/16 12:30	07/12/16 16:29	1
Dichlorobromomethane	ND		3.4		ug/Kg		07/12/16 12:30	07/12/16 16:29	1
Bromobenzene	ND		3.4		ug/Kg		07/12/16 12:30	07/12/16 16:29	1
Chlorobromomethane	ND		14		ug/Kg		07/12/16 12:30	07/12/16 16:29	1
Bromoform	ND		3.4		ug/Kg		07/12/16 12:30	07/12/16 16:29	1
Bromomethane	ND		6.8		ug/Kg		07/12/16 12:30	07/12/16 16:29	1
2-Butanone (MEK)	ND		34		ug/Kg		07/12/16 12:30	07/12/16 16:29	1
n-Butylbenzene	ND		3.4		ug/Kg		07/12/16 12:30	07/12/16 16:29	1
sec-Butylbenzene	ND		3.4		ug/Kg		07/12/16 12:30	07/12/16 16:29	1
tert-Butylbenzene	ND		3.4		ug/Kg		07/12/16 12:30	07/12/16 16:29	1
Carbon disulfide	ND		3.4		ug/Kg		07/12/16 12:30	07/12/16 16:29	1
Carbon tetrachloride	ND		3.4		ug/Kg		07/12/16 12:30	07/12/16 16:29	1
Chlorobenzene	ND		3.4		ug/Kg		07/12/16 12:30	07/12/16 16:29	1
Chloroethane	ND		6.8		ug/Kg		07/12/16 12:30	07/12/16 16:29	1
Chloroform	ND		3.4		ug/Kg		07/12/16 12:30	07/12/16 16:29	1
Chloromethane	ND		6.8		ug/Kg		07/12/16 12:30	07/12/16 16:29	1
2-Chlorotoluene	ND		3.4		ug/Kg		07/12/16 12:30	07/12/16 16:29	1
4-Chlorotoluene	ND		3.4		ug/Kg		07/12/16 12:30	07/12/16 16:29	1
Chlorodibromomethane	ND		3.4		ug/Kg		07/12/16 12:30	07/12/16 16:29	1
1,2-Dichlorobenzene	ND		3.4		ug/Kg		07/12/16 12:30	07/12/16 16:29	1
1,3-Dichlorobenzene	ND		3.4		ug/Kg		07/12/16 12:30	07/12/16 16:29	1
1,4-Dichlorobenzene	ND		3.4		ug/Kg		07/12/16 12:30	07/12/16 16:29	1
1,3-Dichloropropane	ND		3.4		ug/Kg		07/12/16 12:30	07/12/16 16:29	1
1,1-Dichloropropene	ND		3.4		ug/Kg		07/12/16 12:30	07/12/16 16:29	1
1,2-Dibromo-3-Chloropropane	ND		6.8		ug/Kg		07/12/16 12:30	07/12/16 16:29	1
Ethylene Dibromide	ND		3.4		ug/Kg		07/12/16 12:30	07/12/16 16:29	1
Dibromomethane	ND		6.8		ug/Kg		07/12/16 12:30	07/12/16 16:29	1
Dichlorodifluoromethane	ND		6.8		ug/Kg		07/12/16 12:30	07/12/16 16:29	1
1,1-Dichloroethane	ND		3.4		ug/Kg		07/12/16 12:30	07/12/16 16:29	1
1,2-Dichloroethane	ND		3.4		ug/Kg		07/12/16 12:30	07/12/16 16:29	1
1,1-Dichloroethene	ND		3.4		ug/Kg		07/12/16 12:30	07/12/16 16:29	1
cis-1,2-Dichloroethene	ND		3.4		ug/Kg		07/12/16 12:30	07/12/16 16:29	1
trans-1,2-Dichloroethene	ND		3.4		ug/Kg		07/12/16 12:30	07/12/16 16:29	1
1,2-Dichloropropane	ND		3.4		ug/Kg		07/12/16 12:30	07/12/16 16:29	1
cis-1,3-Dichloropropene	ND		3.4		ug/Kg		07/12/16 12:30	07/12/16 16:29	1
trans-1,3-Dichloropropene	ND		3.4		ug/Kg		07/12/16 12:30	07/12/16 16:29	1
Ethylbenzene	ND		3.4		ug/Kg		07/12/16 12:30	07/12/16 16:29	1
Hexachlorobutadiene	ND		3.4		ug/Kg		07/12/16 12:30	07/12/16 16:29	1
2-Hexanone	ND		34		ug/Kg		07/12/16 12:30	07/12/16 16:29	1
Isopropylbenzene	ND		3.4		ug/Kg		07/12/16 12:30	07/12/16 16:29	1
4-Isopropyltoluene	ND		3.4		ug/Kg		07/12/16 12:30	07/12/16 16:29	1
Methylene Chloride	ND		6.8		ug/Kg		07/12/16 12:30	07/12/16 16:29	1
4-Methyl-2-pentanone (MIBK)	ND		34		ug/Kg		07/12/16 12:30	07/12/16 16:29	1
Naphthalene	ND		6.8		ug/Kg		07/12/16 12:30	07/12/16 16:29	1
N-Propylbenzene	ND		3.4		ug/Kg		07/12/16 12:30	07/12/16 16:29	1
Styrene	ND		3.4		ug/Kg		07/12/16 12:30	07/12/16 16:29	1
1,1,1,2-Tetrachloroethane	ND		3.4		ug/Kg		07/12/16 12:30	07/12/16 16:29	1

TestAmerica Pleasanton

Client Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

Client Sample ID: SB-8-8'

Lab Sample ID: 720-73308-6

Date Collected: 07/11/16 21:40

Matrix: Solid

Date Received: 07/12/16 11:30

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		3.4		ug/Kg		07/12/16 12:30	07/12/16 16:29	1
Tetrachloroethene	ND		3.4		ug/Kg		07/12/16 12:30	07/12/16 16:29	1
Toluene	ND		3.4		ug/Kg		07/12/16 12:30	07/12/16 16:29	1
1,2,3-Trichlorobenzene	ND		3.4		ug/Kg		07/12/16 12:30	07/12/16 16:29	1
1,2,4-Trichlorobenzene	ND		3.4		ug/Kg		07/12/16 12:30	07/12/16 16:29	1
1,1,1-Trichloroethane	ND		3.4		ug/Kg		07/12/16 12:30	07/12/16 16:29	1
1,1,2-Trichloroethane	ND		3.4		ug/Kg		07/12/16 12:30	07/12/16 16:29	1
Trichloroethene	ND		3.4		ug/Kg		07/12/16 12:30	07/12/16 16:29	1
Trichlorofluoromethane	ND		3.4		ug/Kg		07/12/16 12:30	07/12/16 16:29	1
1,2,3-Trichloropropane	ND		3.4		ug/Kg		07/12/16 12:30	07/12/16 16:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		3.4		ug/Kg		07/12/16 12:30	07/12/16 16:29	1
1,2,4-Trimethylbenzene	ND		3.4		ug/Kg		07/12/16 12:30	07/12/16 16:29	1
1,3,5-Trimethylbenzene	ND		3.4		ug/Kg		07/12/16 12:30	07/12/16 16:29	1
Vinyl acetate	ND		14		ug/Kg		07/12/16 12:30	07/12/16 16:29	1
Vinyl chloride	ND		3.4		ug/Kg		07/12/16 12:30	07/12/16 16:29	1
Xylenes, Total	ND		6.8		ug/Kg		07/12/16 12:30	07/12/16 16:29	1
2,2-Dichloropropane	ND		3.4		ug/Kg		07/12/16 12:30	07/12/16 16:29	1
Gasoline Range Organics (GRO) -C5-C12	ND		170		ug/Kg		07/12/16 12:30	07/12/16 16:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	91		45 - 131	07/12/16 12:30	07/12/16 16:29	1
1,2-Dichloroethane-d4 (Surr)	103		60 - 140	07/12/16 12:30	07/12/16 16:29	1
Toluene-d8 (Surr)	95		58 - 140	07/12/16 12:30	07/12/16 16:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		0.99		mg/Kg		07/13/16 09:57	07/13/16 18:15	1
Motor Oil Range Organics [C24-C36]	ND		50		mg/Kg		07/13/16 09:57	07/13/16 18:15	1
TPH-Hydraulic Oil Range (C19-C36)	ND		50		mg/Kg		07/13/16 09:57	07/13/16 18:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
p-Terphenyl	102		40 - 130	07/13/16 09:57	07/13/16 18:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		49		ug/Kg		07/13/16 14:31	07/13/16 20:54	1
PCB-1221	ND		49		ug/Kg		07/13/16 14:31	07/13/16 20:54	1
PCB-1232	ND		49		ug/Kg		07/13/16 14:31	07/13/16 20:54	1
PCB-1242	ND		49		ug/Kg		07/13/16 14:31	07/13/16 20:54	1
PCB-1248	ND		49		ug/Kg		07/13/16 14:31	07/13/16 20:54	1
PCB-1254	ND		49		ug/Kg		07/13/16 14:31	07/13/16 20:54	1
PCB-1260	ND		49		ug/Kg		07/13/16 14:31	07/13/16 20:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	87		45 - 132	07/13/16 14:31	07/13/16 20:54	1
DCB Decachlorobiphenyl	73		42 - 146	07/13/16 14:31	07/13/16 20:54	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.2		mg/Kg		07/12/16 19:10	07/13/16 19:38	4

TestAmerica Pleasanton

Client Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

Client Sample ID: SB-8-8'
Date Collected: 07/11/16 21:40
Date Received: 07/12/16 11:30

Lab Sample ID: 720-73308-6
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		2.5		mg/Kg		07/12/16 19:10	07/13/16 19:38	4
Barium	76		1.2		mg/Kg		07/12/16 19:10	07/13/16 19:38	4
Beryllium	ND		0.25		mg/Kg		07/12/16 19:10	07/13/16 19:38	4
Cadmium	ND		0.31		mg/Kg		07/12/16 19:10	07/13/16 19:38	4
Chromium	64		1.2		mg/Kg		07/12/16 19:10	07/13/16 19:38	4
Cobalt	7.2		0.50		mg/Kg		07/12/16 19:10	07/13/16 19:38	4
Copper	13		3.7		mg/Kg		07/12/16 19:10	07/13/16 19:38	4
Lead	3.4		1.2		mg/Kg		07/12/16 19:10	07/13/16 19:38	4
Molybdenum	ND		1.2		mg/Kg		07/12/16 19:10	07/13/16 19:38	4
Nickel	49		1.2		mg/Kg		07/12/16 19:10	07/13/16 19:38	4
Selenium	ND		2.5		mg/Kg		07/12/16 19:10	07/13/16 19:38	4
Silver	ND		0.62		mg/Kg		07/12/16 19:10	07/13/16 19:38	4
Thallium	ND		1.2		mg/Kg		07/12/16 19:10	07/13/16 19:38	4
Vanadium	28		1.2		mg/Kg		07/12/16 19:10	07/13/16 19:38	4
Zinc	26		3.7		mg/Kg		07/12/16 19:10	07/13/16 19:38	4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.14		0.010		mg/Kg		07/13/16 17:08	07/14/16 14:06	1



Client Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

Client Sample ID: SB-8-13'

Date Collected: 07/11/16 22:00

Date Received: 07/12/16 11:30

Lab Sample ID: 720-73308-7

Matrix: Solid

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		4.1		ug/Kg		07/12/16 12:30	07/12/16 16:59	1
Acetone	ND		41		ug/Kg		07/12/16 12:30	07/12/16 16:59	1
Benzene	ND		4.1		ug/Kg		07/12/16 12:30	07/12/16 16:59	1
Dichlorobromomethane	ND		4.1		ug/Kg		07/12/16 12:30	07/12/16 16:59	1
Bromobenzene	ND		4.1		ug/Kg		07/12/16 12:30	07/12/16 16:59	1
Chlorobromomethane	ND		16		ug/Kg		07/12/16 12:30	07/12/16 16:59	1
Bromoform	ND		4.1		ug/Kg		07/12/16 12:30	07/12/16 16:59	1
Bromomethane	ND		8.1		ug/Kg		07/12/16 12:30	07/12/16 16:59	1
2-Butanone (MEK)	ND		41		ug/Kg		07/12/16 12:30	07/12/16 16:59	1
n-Butylbenzene	ND		4.1		ug/Kg		07/12/16 12:30	07/12/16 16:59	1
sec-Butylbenzene	ND		4.1		ug/Kg		07/12/16 12:30	07/12/16 16:59	1
tert-Butylbenzene	ND		4.1		ug/Kg		07/12/16 12:30	07/12/16 16:59	1
Carbon disulfide	ND		4.1		ug/Kg		07/12/16 12:30	07/12/16 16:59	1
Carbon tetrachloride	ND		4.1		ug/Kg		07/12/16 12:30	07/12/16 16:59	1
Chlorobenzene	ND		4.1		ug/Kg		07/12/16 12:30	07/12/16 16:59	1
Chloroethane	ND		8.1		ug/Kg		07/12/16 12:30	07/12/16 16:59	1
Chloroform	ND		4.1		ug/Kg		07/12/16 12:30	07/12/16 16:59	1
Chloromethane	ND		8.1		ug/Kg		07/12/16 12:30	07/12/16 16:59	1
2-Chlorotoluene	ND		4.1		ug/Kg		07/12/16 12:30	07/12/16 16:59	1
4-Chlorotoluene	ND		4.1		ug/Kg		07/12/16 12:30	07/12/16 16:59	1
Chlorodibromomethane	ND		4.1		ug/Kg		07/12/16 12:30	07/12/16 16:59	1
1,2-Dichlorobenzene	ND		4.1		ug/Kg		07/12/16 12:30	07/12/16 16:59	1
1,3-Dichlorobenzene	ND		4.1		ug/Kg		07/12/16 12:30	07/12/16 16:59	1
1,4-Dichlorobenzene	ND		4.1		ug/Kg		07/12/16 12:30	07/12/16 16:59	1
1,3-Dichloropropane	ND		4.1		ug/Kg		07/12/16 12:30	07/12/16 16:59	1
1,1-Dichloropropane	ND		4.1		ug/Kg		07/12/16 12:30	07/12/16 16:59	1
1,2-Dibromo-3-Chloropropane	ND		8.1		ug/Kg		07/12/16 12:30	07/12/16 16:59	1
Ethylene Dibromide	ND		4.1		ug/Kg		07/12/16 12:30	07/12/16 16:59	1
Dibromomethane	ND		8.1		ug/Kg		07/12/16 12:30	07/12/16 16:59	1
Dichlorodifluoromethane	ND		8.1		ug/Kg		07/12/16 12:30	07/12/16 16:59	1
1,1-Dichloroethane	ND		4.1		ug/Kg		07/12/16 12:30	07/12/16 16:59	1
1,2-Dichloroethane	ND		4.1		ug/Kg		07/12/16 12:30	07/12/16 16:59	1
1,1-Dichloroethene	ND		4.1		ug/Kg		07/12/16 12:30	07/12/16 16:59	1
cis-1,2-Dichloroethene	ND		4.1		ug/Kg		07/12/16 12:30	07/12/16 16:59	1
trans-1,2-Dichloroethene	ND		4.1		ug/Kg		07/12/16 12:30	07/12/16 16:59	1
1,2-Dichloropropane	ND		4.1		ug/Kg		07/12/16 12:30	07/12/16 16:59	1
cis-1,3-Dichloropropene	ND		4.1		ug/Kg		07/12/16 12:30	07/12/16 16:59	1
trans-1,3-Dichloropropene	ND		4.1		ug/Kg		07/12/16 12:30	07/12/16 16:59	1
Ethylbenzene	ND		4.1		ug/Kg		07/12/16 12:30	07/12/16 16:59	1
Hexachlorobutadiene	ND		4.1		ug/Kg		07/12/16 12:30	07/12/16 16:59	1
2-Hexanone	ND		41		ug/Kg		07/12/16 12:30	07/12/16 16:59	1
Isopropylbenzene	ND		4.1		ug/Kg		07/12/16 12:30	07/12/16 16:59	1
4-Isopropyltoluene	ND		4.1		ug/Kg		07/12/16 12:30	07/12/16 16:59	1
Methylene Chloride	ND		8.1		ug/Kg		07/12/16 12:30	07/12/16 16:59	1
4-Methyl-2-pentanone (MIBK)	ND		41		ug/Kg		07/12/16 12:30	07/12/16 16:59	1
Naphthalene	ND		8.1		ug/Kg		07/12/16 12:30	07/12/16 16:59	1
N-Propylbenzene	ND		4.1		ug/Kg		07/12/16 12:30	07/12/16 16:59	1
Styrene	ND		4.1		ug/Kg		07/12/16 12:30	07/12/16 16:59	1
1,1,1,2-Tetrachloroethane	ND		4.1		ug/Kg		07/12/16 12:30	07/12/16 16:59	1

TestAmerica Pleasanton

Client Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

Client Sample ID: SB-8-13'

Lab Sample ID: 720-73308-7

Date Collected: 07/11/16 22:00

Matrix: Solid

Date Received: 07/12/16 11:30

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		4.1		ug/Kg		07/12/16 12:30	07/12/16 16:59	1
Tetrachloroethene	ND		4.1		ug/Kg		07/12/16 12:30	07/12/16 16:59	1
Toluene	ND		4.1		ug/Kg		07/12/16 12:30	07/12/16 16:59	1
1,2,3-Trichlorobenzene	ND		4.1		ug/Kg		07/12/16 12:30	07/12/16 16:59	1
1,2,4-Trichlorobenzene	ND		4.1		ug/Kg		07/12/16 12:30	07/12/16 16:59	1
1,1,1-Trichloroethane	ND		4.1		ug/Kg		07/12/16 12:30	07/12/16 16:59	1
1,1,2-Trichloroethane	ND		4.1		ug/Kg		07/12/16 12:30	07/12/16 16:59	1
Trichloroethene	ND		4.1		ug/Kg		07/12/16 12:30	07/12/16 16:59	1
Trichlorofluoromethane	ND		4.1		ug/Kg		07/12/16 12:30	07/12/16 16:59	1
1,2,3-Trichloropropane	ND		4.1		ug/Kg		07/12/16 12:30	07/12/16 16:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.1		ug/Kg		07/12/16 12:30	07/12/16 16:59	1
1,2,4-Trimethylbenzene	ND		4.1		ug/Kg		07/12/16 12:30	07/12/16 16:59	1
1,3,5-Trimethylbenzene	ND		4.1		ug/Kg		07/12/16 12:30	07/12/16 16:59	1
Vinyl acetate	ND		16		ug/Kg		07/12/16 12:30	07/12/16 16:59	1
Vinyl chloride	ND		4.1		ug/Kg		07/12/16 12:30	07/12/16 16:59	1
Xylenes, Total	ND		8.1		ug/Kg		07/12/16 12:30	07/12/16 16:59	1
2,2-Dichloropropane	ND		4.1		ug/Kg		07/12/16 12:30	07/12/16 16:59	1
Gasoline Range Organics (GRO) -C5-C12	ND		200		ug/Kg		07/12/16 12:30	07/12/16 16:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	94		45 - 131	07/12/16 12:30	07/12/16 16:59	1
1,2-Dichloroethane-d4 (Surr)	101		60 - 140	07/12/16 12:30	07/12/16 16:59	1
Toluene-d8 (Surr)	93		58 - 140	07/12/16 12:30	07/12/16 16:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	1.0		0.99		mg/Kg		07/13/16 09:57	07/13/16 18:39	1
Motor Oil Range Organics [C24-C36]	ND		50		mg/Kg		07/13/16 09:57	07/13/16 18:39	1
TPH-Hydraulic Oil Range (C19-C36)	ND		50		mg/Kg		07/13/16 09:57	07/13/16 18:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
p-Terphenyl	100		40 - 130	07/13/16 09:57	07/13/16 18:39	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.7		mg/Kg		07/12/16 19:10	07/13/16 19:43	4
Arsenic	ND		3.3		mg/Kg		07/12/16 19:10	07/13/16 19:43	4
Barium	35		1.7		mg/Kg		07/12/16 19:10	07/13/16 19:43	4
Beryllium	ND		0.33		mg/Kg		07/12/16 19:10	07/13/16 19:43	4
Cadmium	ND		0.42		mg/Kg		07/12/16 19:10	07/13/16 19:43	4
Chromium	57		1.7		mg/Kg		07/12/16 19:10	07/13/16 19:43	4
Cobalt	6.8		0.67		mg/Kg		07/12/16 19:10	07/13/16 19:43	4
Copper	5.3		5.0		mg/Kg		07/12/16 19:10	07/13/16 19:43	4
Lead	1.8		1.7		mg/Kg		07/12/16 19:10	07/13/16 19:43	4
Molybdenum	ND		1.7		mg/Kg		07/12/16 19:10	07/13/16 19:43	4
Nickel	46		1.7		mg/Kg		07/12/16 19:10	07/13/16 19:43	4
Selenium	ND		3.3		mg/Kg		07/12/16 19:10	07/13/16 19:43	4
Silver	ND		0.83		mg/Kg		07/12/16 19:10	07/13/16 19:43	4
Thallium	ND		1.7		mg/Kg		07/12/16 19:10	07/13/16 19:43	4
Vanadium	32		1.7		mg/Kg		07/12/16 19:10	07/13/16 19:43	4

TestAmerica Pleasanton

Client Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

Client Sample ID: SB-8-13'
Date Collected: 07/11/16 22:00
Date Received: 07/12/16 11:30

Lab Sample ID: 720-73308-7
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	21		5.0		mg/Kg		07/12/16 19:10	07/13/16 19:43	4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.022		0.0098		mg/Kg		07/13/16 17:08	07/14/16 14:09	1

Client Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

Client Sample ID: SB-9-2'

Date Collected: 07/11/16 22:30

Date Received: 07/12/16 11:30

Lab Sample ID: 720-73308-8

Matrix: Solid

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		4.3		ug/Kg		07/12/16 12:30	07/12/16 17:29	1
Acetone	ND		43		ug/Kg		07/12/16 12:30	07/12/16 17:29	1
Benzene	ND		4.3		ug/Kg		07/12/16 12:30	07/12/16 17:29	1
Dichlorobromomethane	ND		4.3		ug/Kg		07/12/16 12:30	07/12/16 17:29	1
Bromobenzene	ND		4.3		ug/Kg		07/12/16 12:30	07/12/16 17:29	1
Chlorobromomethane	ND		17		ug/Kg		07/12/16 12:30	07/12/16 17:29	1
Bromoform	ND		4.3		ug/Kg		07/12/16 12:30	07/12/16 17:29	1
Bromomethane	ND		8.6		ug/Kg		07/12/16 12:30	07/12/16 17:29	1
2-Butanone (MEK)	ND		43		ug/Kg		07/12/16 12:30	07/12/16 17:29	1
n-Butylbenzene	ND		4.3		ug/Kg		07/12/16 12:30	07/12/16 17:29	1
sec-Butylbenzene	ND		4.3		ug/Kg		07/12/16 12:30	07/12/16 17:29	1
tert-Butylbenzene	ND		4.3		ug/Kg		07/12/16 12:30	07/12/16 17:29	1
Carbon disulfide	ND		4.3		ug/Kg		07/12/16 12:30	07/12/16 17:29	1
Carbon tetrachloride	ND		4.3		ug/Kg		07/12/16 12:30	07/12/16 17:29	1
Chlorobenzene	ND		4.3		ug/Kg		07/12/16 12:30	07/12/16 17:29	1
Chloroethane	ND		8.6		ug/Kg		07/12/16 12:30	07/12/16 17:29	1
Chloroform	ND		4.3		ug/Kg		07/12/16 12:30	07/12/16 17:29	1
Chloromethane	ND		8.6		ug/Kg		07/12/16 12:30	07/12/16 17:29	1
2-Chlorotoluene	ND		4.3		ug/Kg		07/12/16 12:30	07/12/16 17:29	1
4-Chlorotoluene	ND		4.3		ug/Kg		07/12/16 12:30	07/12/16 17:29	1
Chlorodibromomethane	ND		4.3		ug/Kg		07/12/16 12:30	07/12/16 17:29	1
1,2-Dichlorobenzene	ND		4.3		ug/Kg		07/12/16 12:30	07/12/16 17:29	1
1,3-Dichlorobenzene	ND		4.3		ug/Kg		07/12/16 12:30	07/12/16 17:29	1
1,4-Dichlorobenzene	ND		4.3		ug/Kg		07/12/16 12:30	07/12/16 17:29	1
1,3-Dichloropropane	ND		4.3		ug/Kg		07/12/16 12:30	07/12/16 17:29	1
1,1-Dichloropropane	ND		4.3		ug/Kg		07/12/16 12:30	07/12/16 17:29	1
1,2-Dibromo-3-Chloropropane	ND		8.6		ug/Kg		07/12/16 12:30	07/12/16 17:29	1
Ethylene Dibromide	ND		4.3		ug/Kg		07/12/16 12:30	07/12/16 17:29	1
Dibromomethane	ND		8.6		ug/Kg		07/12/16 12:30	07/12/16 17:29	1
Dichlorodifluoromethane	ND		8.6		ug/Kg		07/12/16 12:30	07/12/16 17:29	1
1,1-Dichloroethane	ND		4.3		ug/Kg		07/12/16 12:30	07/12/16 17:29	1
1,2-Dichloroethane	ND		4.3		ug/Kg		07/12/16 12:30	07/12/16 17:29	1
1,1-Dichloroethene	ND		4.3		ug/Kg		07/12/16 12:30	07/12/16 17:29	1
cis-1,2-Dichloroethene	ND		4.3		ug/Kg		07/12/16 12:30	07/12/16 17:29	1
trans-1,2-Dichloroethene	ND		4.3		ug/Kg		07/12/16 12:30	07/12/16 17:29	1
1,2-Dichloropropane	ND		4.3		ug/Kg		07/12/16 12:30	07/12/16 17:29	1
cis-1,3-Dichloropropene	ND		4.3		ug/Kg		07/12/16 12:30	07/12/16 17:29	1
trans-1,3-Dichloropropene	ND		4.3		ug/Kg		07/12/16 12:30	07/12/16 17:29	1
Ethylbenzene	ND		4.3		ug/Kg		07/12/16 12:30	07/12/16 17:29	1
Hexachlorobutadiene	ND		4.3		ug/Kg		07/12/16 12:30	07/12/16 17:29	1
2-Hexanone	ND		43		ug/Kg		07/12/16 12:30	07/12/16 17:29	1
Isopropylbenzene	ND		4.3		ug/Kg		07/12/16 12:30	07/12/16 17:29	1
4-Isopropyltoluene	ND		4.3		ug/Kg		07/12/16 12:30	07/12/16 17:29	1
Methylene Chloride	ND		8.6		ug/Kg		07/12/16 12:30	07/12/16 17:29	1
4-Methyl-2-pentanone (MIBK)	ND		43		ug/Kg		07/12/16 12:30	07/12/16 17:29	1
Naphthalene	ND		8.6		ug/Kg		07/12/16 12:30	07/12/16 17:29	1
N-Propylbenzene	ND		4.3		ug/Kg		07/12/16 12:30	07/12/16 17:29	1
Styrene	ND		4.3		ug/Kg		07/12/16 12:30	07/12/16 17:29	1
1,1,1,2-Tetrachloroethane	ND		4.3		ug/Kg		07/12/16 12:30	07/12/16 17:29	1

TestAmerica Pleasanton

Client Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

Client Sample ID: SB-9-2'

Lab Sample ID: 720-73308-8

Date Collected: 07/11/16 22:30

Matrix: Solid

Date Received: 07/12/16 11:30

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		4.3		ug/Kg		07/12/16 12:30	07/12/16 17:29	1
Tetrachloroethene	ND		4.3		ug/Kg		07/12/16 12:30	07/12/16 17:29	1
Toluene	ND		4.3		ug/Kg		07/12/16 12:30	07/12/16 17:29	1
1,2,3-Trichlorobenzene	ND		4.3		ug/Kg		07/12/16 12:30	07/12/16 17:29	1
1,2,4-Trichlorobenzene	ND		4.3		ug/Kg		07/12/16 12:30	07/12/16 17:29	1
1,1,1-Trichloroethane	ND		4.3		ug/Kg		07/12/16 12:30	07/12/16 17:29	1
1,1,2-Trichloroethane	ND		4.3		ug/Kg		07/12/16 12:30	07/12/16 17:29	1
Trichloroethene	ND		4.3		ug/Kg		07/12/16 12:30	07/12/16 17:29	1
Trichlorofluoromethane	ND		4.3		ug/Kg		07/12/16 12:30	07/12/16 17:29	1
1,2,3-Trichloropropane	ND		4.3		ug/Kg		07/12/16 12:30	07/12/16 17:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.3		ug/Kg		07/12/16 12:30	07/12/16 17:29	1
1,2,4-Trimethylbenzene	ND		4.3		ug/Kg		07/12/16 12:30	07/12/16 17:29	1
1,3,5-Trimethylbenzene	ND		4.3		ug/Kg		07/12/16 12:30	07/12/16 17:29	1
Vinyl acetate	ND		17		ug/Kg		07/12/16 12:30	07/12/16 17:29	1
Vinyl chloride	ND		4.3		ug/Kg		07/12/16 12:30	07/12/16 17:29	1
Xylenes, Total	ND		8.6		ug/Kg		07/12/16 12:30	07/12/16 17:29	1
2,2-Dichloropropane	ND		4.3		ug/Kg		07/12/16 12:30	07/12/16 17:29	1
Gasoline Range Organics (GRO) -C5-C12	ND		220		ug/Kg		07/12/16 12:30	07/12/16 17:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	88		45 - 131	07/12/16 12:30	07/12/16 17:29	1
1,2-Dichloroethane-d4 (Surr)	99		60 - 140	07/12/16 12:30	07/12/16 17:29	1
Toluene-d8 (Surr)	93		58 - 140	07/12/16 12:30	07/12/16 17:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	7.9		0.99		mg/Kg		07/13/16 09:57	07/13/16 21:31	1
Motor Oil Range Organics [C24-C36]	ND		50		mg/Kg		07/13/16 09:57	07/13/16 21:31	1
TPH-Hydraulic Oil Range (C19-C36)	ND		50		mg/Kg		07/13/16 09:57	07/13/16 21:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
p-Terphenyl	98		40 - 130	07/13/16 09:57	07/13/16 21:31	1

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		2.0		ug/Kg		07/13/16 11:39	07/13/16 23:55	1
Dieldrin	ND		2.0		ug/Kg		07/13/16 11:39	07/13/16 23:55	1
Endrin aldehyde	ND		2.0		ug/Kg		07/13/16 11:39	07/13/16 23:55	1
Endrin	ND		2.0		ug/Kg		07/13/16 11:39	07/13/16 23:55	1
Endrin ketone	ND		2.0		ug/Kg		07/13/16 11:39	07/13/16 23:55	1
Heptachlor	ND		2.0		ug/Kg		07/13/16 11:39	07/13/16 23:55	1
Heptachlor epoxide	ND		2.0		ug/Kg		07/13/16 11:39	07/13/16 23:55	1
4,4'-DDT	ND		2.0		ug/Kg		07/13/16 11:39	07/13/16 23:55	1
4,4'-DDE	ND		2.0		ug/Kg		07/13/16 11:39	07/13/16 23:55	1
4,4'-DDD	ND		2.0		ug/Kg		07/13/16 11:39	07/13/16 23:55	1
Endosulfan I	ND		2.0		ug/Kg		07/13/16 11:39	07/13/16 23:55	1
Endosulfan II	ND		2.0		ug/Kg		07/13/16 11:39	07/13/16 23:55	1
alpha-BHC	ND		2.0		ug/Kg		07/13/16 11:39	07/13/16 23:55	1
beta-BHC	ND		2.0		ug/Kg		07/13/16 11:39	07/13/16 23:55	1
gamma-BHC (Lindane)	ND		2.0		ug/Kg		07/13/16 11:39	07/13/16 23:55	1

TestAmerica Pleasanton

Client Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

Client Sample ID: SB-9-2'

Lab Sample ID: 720-73308-8

Date Collected: 07/11/16 22:30

Matrix: Solid

Date Received: 07/12/16 11:30

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
delta-BHC	ND		2.0		ug/Kg		07/13/16 11:39	07/13/16 23:55	1
Endosulfan sulfate	ND		2.0		ug/Kg		07/13/16 11:39	07/13/16 23:55	1
Methoxychlor	ND		2.0		ug/Kg		07/13/16 11:39	07/13/16 23:55	1
Toxaphene	ND		39		ug/Kg		07/13/16 11:39	07/13/16 23:55	1
Chlordane (technical)	ND		39		ug/Kg		07/13/16 11:39	07/13/16 23:55	1
alpha-Chlordane	ND		2.0		ug/Kg		07/13/16 11:39	07/13/16 23:55	1
gamma-Chlordane	ND		2.0		ug/Kg		07/13/16 11:39	07/13/16 23:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	88		57 - 122	07/13/16 11:39	07/13/16 23:55	1
DCB Decachlorobiphenyl	102		21 - 136	07/13/16 11:39	07/13/16 23:55	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.7		mg/Kg		07/12/16 19:10	07/13/16 19:47	4
Arsenic	ND		3.4		mg/Kg		07/12/16 19:10	07/13/16 19:47	4
Barium	73		1.7		mg/Kg		07/12/16 19:10	07/13/16 19:47	4
Beryllium	ND		0.34		mg/Kg		07/12/16 19:10	07/13/16 19:47	4
Cadmium	ND		0.42		mg/Kg		07/12/16 19:10	07/13/16 19:47	4
Chromium	34		1.7		mg/Kg		07/12/16 19:10	07/13/16 19:47	4
Cobalt	3.4		0.68		mg/Kg		07/12/16 19:10	07/13/16 19:47	4
Copper	8.3		5.1		mg/Kg		07/12/16 19:10	07/13/16 19:47	4
Lead	7.9		1.7		mg/Kg		07/12/16 19:10	07/13/16 19:47	4
Molybdenum	ND		1.7		mg/Kg		07/12/16 19:10	07/13/16 19:47	4
Nickel	15		1.7		mg/Kg		07/12/16 19:10	07/13/16 19:47	4
Selenium	ND		3.4		mg/Kg		07/12/16 19:10	07/13/16 19:47	4
Silver	ND		0.85		mg/Kg		07/12/16 19:10	07/13/16 19:47	4
Thallium	ND		1.7		mg/Kg		07/12/16 19:10	07/13/16 19:47	4
Vanadium	20		1.7		mg/Kg		07/12/16 19:10	07/13/16 19:47	4
Zinc	17		5.1		mg/Kg		07/12/16 19:10	07/13/16 19:47	4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.021		0.010		mg/Kg		07/13/16 17:08	07/14/16 14:11	1

Client Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

Client Sample ID: SB-9-6'

Date Collected: 07/11/16 23:00

Date Received: 07/12/16 11:30

Lab Sample ID: 720-73308-9

Matrix: Solid

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		3.5		ug/Kg		07/12/16 12:30	07/12/16 18:00	1
Acetone	ND		35		ug/Kg		07/12/16 12:30	07/12/16 18:00	1
Benzene	ND		3.5		ug/Kg		07/12/16 12:30	07/12/16 18:00	1
Dichlorobromomethane	ND		3.5		ug/Kg		07/12/16 12:30	07/12/16 18:00	1
Bromobenzene	ND		3.5		ug/Kg		07/12/16 12:30	07/12/16 18:00	1
Chlorobromomethane	ND		14		ug/Kg		07/12/16 12:30	07/12/16 18:00	1
Bromoform	ND		3.5		ug/Kg		07/12/16 12:30	07/12/16 18:00	1
Bromomethane	ND		7.0		ug/Kg		07/12/16 12:30	07/12/16 18:00	1
2-Butanone (MEK)	ND		35		ug/Kg		07/12/16 12:30	07/12/16 18:00	1
n-Butylbenzene	ND		3.5		ug/Kg		07/12/16 12:30	07/12/16 18:00	1
sec-Butylbenzene	ND		3.5		ug/Kg		07/12/16 12:30	07/12/16 18:00	1
tert-Butylbenzene	ND		3.5		ug/Kg		07/12/16 12:30	07/12/16 18:00	1
Carbon disulfide	ND		3.5		ug/Kg		07/12/16 12:30	07/12/16 18:00	1
Carbon tetrachloride	ND		3.5		ug/Kg		07/12/16 12:30	07/12/16 18:00	1
Chlorobenzene	ND		3.5		ug/Kg		07/12/16 12:30	07/12/16 18:00	1
Chloroethane	ND		7.0		ug/Kg		07/12/16 12:30	07/12/16 18:00	1
Chloroform	ND		3.5		ug/Kg		07/12/16 12:30	07/12/16 18:00	1
Chloromethane	ND		7.0		ug/Kg		07/12/16 12:30	07/12/16 18:00	1
2-Chlorotoluene	ND		3.5		ug/Kg		07/12/16 12:30	07/12/16 18:00	1
4-Chlorotoluene	ND		3.5		ug/Kg		07/12/16 12:30	07/12/16 18:00	1
Chlorodibromomethane	ND		3.5		ug/Kg		07/12/16 12:30	07/12/16 18:00	1
1,2-Dichlorobenzene	ND		3.5		ug/Kg		07/12/16 12:30	07/12/16 18:00	1
1,3-Dichlorobenzene	ND		3.5		ug/Kg		07/12/16 12:30	07/12/16 18:00	1
1,4-Dichlorobenzene	ND		3.5		ug/Kg		07/12/16 12:30	07/12/16 18:00	1
1,3-Dichloropropane	ND		3.5		ug/Kg		07/12/16 12:30	07/12/16 18:00	1
1,1-Dichloropropane	ND		3.5		ug/Kg		07/12/16 12:30	07/12/16 18:00	1
1,2-Dibromo-3-Chloropropane	ND		7.0		ug/Kg		07/12/16 12:30	07/12/16 18:00	1
Ethylene Dibromide	ND		3.5		ug/Kg		07/12/16 12:30	07/12/16 18:00	1
Dibromomethane	ND		7.0		ug/Kg		07/12/16 12:30	07/12/16 18:00	1
Dichlorodifluoromethane	ND		7.0		ug/Kg		07/12/16 12:30	07/12/16 18:00	1
1,1-Dichloroethane	ND		3.5		ug/Kg		07/12/16 12:30	07/12/16 18:00	1
1,2-Dichloroethane	ND		3.5		ug/Kg		07/12/16 12:30	07/12/16 18:00	1
1,1-Dichloroethene	ND		3.5		ug/Kg		07/12/16 12:30	07/12/16 18:00	1
cis-1,2-Dichloroethene	ND		3.5		ug/Kg		07/12/16 12:30	07/12/16 18:00	1
trans-1,2-Dichloroethene	ND		3.5		ug/Kg		07/12/16 12:30	07/12/16 18:00	1
1,2-Dichloropropane	ND		3.5		ug/Kg		07/12/16 12:30	07/12/16 18:00	1
cis-1,3-Dichloropropene	ND		3.5		ug/Kg		07/12/16 12:30	07/12/16 18:00	1
trans-1,3-Dichloropropene	ND		3.5		ug/Kg		07/12/16 12:30	07/12/16 18:00	1
Ethylbenzene	ND		3.5		ug/Kg		07/12/16 12:30	07/12/16 18:00	1
Hexachlorobutadiene	ND		3.5		ug/Kg		07/12/16 12:30	07/12/16 18:00	1
2-Hexanone	ND		35		ug/Kg		07/12/16 12:30	07/12/16 18:00	1
Isopropylbenzene	ND		3.5		ug/Kg		07/12/16 12:30	07/12/16 18:00	1
4-Isopropyltoluene	ND		3.5		ug/Kg		07/12/16 12:30	07/12/16 18:00	1
Methylene Chloride	ND		7.0		ug/Kg		07/12/16 12:30	07/12/16 18:00	1
4-Methyl-2-pentanone (MIBK)	ND		35		ug/Kg		07/12/16 12:30	07/12/16 18:00	1
Naphthalene	ND		7.0		ug/Kg		07/12/16 12:30	07/12/16 18:00	1
N-Propylbenzene	ND		3.5		ug/Kg		07/12/16 12:30	07/12/16 18:00	1
Styrene	ND		3.5		ug/Kg		07/12/16 12:30	07/12/16 18:00	1
1,1,1,2-Tetrachloroethane	ND		3.5		ug/Kg		07/12/16 12:30	07/12/16 18:00	1

TestAmerica Pleasanton

Client Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

Client Sample ID: SB-9-6'

Lab Sample ID: 720-73308-9

Date Collected: 07/11/16 23:00

Matrix: Solid

Date Received: 07/12/16 11:30

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		3.5		ug/Kg		07/12/16 12:30	07/12/16 18:00	1
Tetrachloroethene	ND		3.5		ug/Kg		07/12/16 12:30	07/12/16 18:00	1
Toluene	ND		3.5		ug/Kg		07/12/16 12:30	07/12/16 18:00	1
1,2,3-Trichlorobenzene	ND		3.5		ug/Kg		07/12/16 12:30	07/12/16 18:00	1
1,2,4-Trichlorobenzene	ND		3.5		ug/Kg		07/12/16 12:30	07/12/16 18:00	1
1,1,1-Trichloroethane	ND		3.5		ug/Kg		07/12/16 12:30	07/12/16 18:00	1
1,1,2-Trichloroethane	ND		3.5		ug/Kg		07/12/16 12:30	07/12/16 18:00	1
Trichloroethene	ND		3.5		ug/Kg		07/12/16 12:30	07/12/16 18:00	1
Trichlorofluoromethane	ND		3.5		ug/Kg		07/12/16 12:30	07/12/16 18:00	1
1,2,3-Trichloropropane	ND		3.5		ug/Kg		07/12/16 12:30	07/12/16 18:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		3.5		ug/Kg		07/12/16 12:30	07/12/16 18:00	1
1,2,4-Trimethylbenzene	ND		3.5		ug/Kg		07/12/16 12:30	07/12/16 18:00	1
1,3,5-Trimethylbenzene	ND		3.5		ug/Kg		07/12/16 12:30	07/12/16 18:00	1
Vinyl acetate	ND		14		ug/Kg		07/12/16 12:30	07/12/16 18:00	1
Vinyl chloride	ND		3.5		ug/Kg		07/12/16 12:30	07/12/16 18:00	1
Xylenes, Total	ND		7.0		ug/Kg		07/12/16 12:30	07/12/16 18:00	1
2,2-Dichloropropane	ND		3.5		ug/Kg		07/12/16 12:30	07/12/16 18:00	1
Gasoline Range Organics (GRO) -C5-C12	ND		170		ug/Kg		07/12/16 12:30	07/12/16 18:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	92		45 - 131	07/12/16 12:30	07/12/16 18:00	1
1,2-Dichloroethane-d4 (Surr)	100		60 - 140	07/12/16 12:30	07/12/16 18:00	1
Toluene-d8 (Surr)	93		58 - 140	07/12/16 12:30	07/12/16 18:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		1.0		mg/Kg		07/13/16 09:57	07/13/16 16:38	1
Motor Oil Range Organics [C24-C36]	ND		50		mg/Kg		07/13/16 09:57	07/13/16 16:38	1
TPH-Hydraulic Oil Range (C19-C36)	ND		50		mg/Kg		07/13/16 09:57	07/13/16 16:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
p-Terphenyl	88		40 - 130	07/13/16 09:57	07/13/16 16:38	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.5		mg/Kg		07/12/16 19:10	07/13/16 19:52	4
Arsenic	ND		2.9		mg/Kg		07/12/16 19:10	07/13/16 19:52	4
Barium	71		1.5		mg/Kg		07/12/16 19:10	07/13/16 19:52	4
Beryllium	ND		0.29		mg/Kg		07/12/16 19:10	07/13/16 19:52	4
Cadmium	ND		0.37		mg/Kg		07/12/16 19:10	07/13/16 19:52	4
Chromium	47		1.5		mg/Kg		07/12/16 19:10	07/13/16 19:52	4
Cobalt	6.6		0.59		mg/Kg		07/12/16 19:10	07/13/16 19:52	4
Copper	8.4		4.4		mg/Kg		07/12/16 19:10	07/13/16 19:52	4
Lead	2.7		1.5		mg/Kg		07/12/16 19:10	07/13/16 19:52	4
Molybdenum	ND		1.5		mg/Kg		07/12/16 19:10	07/13/16 19:52	4
Nickel	41		1.5		mg/Kg		07/12/16 19:10	07/13/16 19:52	4
Selenium	ND		2.9		mg/Kg		07/12/16 19:10	07/13/16 19:52	4
Silver	ND		0.74		mg/Kg		07/12/16 19:10	07/13/16 19:52	4
Thallium	ND		1.5		mg/Kg		07/12/16 19:10	07/13/16 19:52	4
Vanadium	31		1.5		mg/Kg		07/12/16 19:10	07/13/16 19:52	4

TestAmerica Pleasanton

Client Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

Client Sample ID: SB-9-6'
Date Collected: 07/11/16 23:00
Date Received: 07/12/16 11:30

Lab Sample ID: 720-73308-9
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	20		4.4		mg/Kg		07/12/16 19:10	07/13/16 19:52	4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.031		0.0094		mg/Kg		07/13/16 17:08	07/14/16 14:14	1

Client Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

Client Sample ID: SB-9-14'

Lab Sample ID: 720-73308-10

Date Collected: 07/11/16 23:15

Matrix: Solid

Date Received: 07/12/16 11:30

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		3.8		ug/Kg		07/12/16 12:30	07/12/16 18:30	1
Acetone	ND		38		ug/Kg		07/12/16 12:30	07/12/16 18:30	1
Benzene	ND		3.8		ug/Kg		07/12/16 12:30	07/12/16 18:30	1
Dichlorobromomethane	ND		3.8		ug/Kg		07/12/16 12:30	07/12/16 18:30	1
Bromobenzene	ND		3.8		ug/Kg		07/12/16 12:30	07/12/16 18:30	1
Chlorobromomethane	ND		15		ug/Kg		07/12/16 12:30	07/12/16 18:30	1
Bromoform	ND		3.8		ug/Kg		07/12/16 12:30	07/12/16 18:30	1
Bromomethane	ND		7.5		ug/Kg		07/12/16 12:30	07/12/16 18:30	1
2-Butanone (MEK)	ND		38		ug/Kg		07/12/16 12:30	07/12/16 18:30	1
n-Butylbenzene	ND		3.8		ug/Kg		07/12/16 12:30	07/12/16 18:30	1
sec-Butylbenzene	ND		3.8		ug/Kg		07/12/16 12:30	07/12/16 18:30	1
tert-Butylbenzene	ND		3.8		ug/Kg		07/12/16 12:30	07/12/16 18:30	1
Carbon disulfide	ND		3.8		ug/Kg		07/12/16 12:30	07/12/16 18:30	1
Carbon tetrachloride	ND		3.8		ug/Kg		07/12/16 12:30	07/12/16 18:30	1
Chlorobenzene	ND		3.8		ug/Kg		07/12/16 12:30	07/12/16 18:30	1
Chloroethane	ND		7.5		ug/Kg		07/12/16 12:30	07/12/16 18:30	1
Chloroform	ND		3.8		ug/Kg		07/12/16 12:30	07/12/16 18:30	1
Chloromethane	ND		7.5		ug/Kg		07/12/16 12:30	07/12/16 18:30	1
2-Chlorotoluene	ND		3.8		ug/Kg		07/12/16 12:30	07/12/16 18:30	1
4-Chlorotoluene	ND		3.8		ug/Kg		07/12/16 12:30	07/12/16 18:30	1
Chlorodibromomethane	ND		3.8		ug/Kg		07/12/16 12:30	07/12/16 18:30	1
1,2-Dichlorobenzene	ND		3.8		ug/Kg		07/12/16 12:30	07/12/16 18:30	1
1,3-Dichlorobenzene	ND		3.8		ug/Kg		07/12/16 12:30	07/12/16 18:30	1
1,4-Dichlorobenzene	ND		3.8		ug/Kg		07/12/16 12:30	07/12/16 18:30	1
1,3-Dichloropropane	ND		3.8		ug/Kg		07/12/16 12:30	07/12/16 18:30	1
1,1-Dichloropropane	ND		3.8		ug/Kg		07/12/16 12:30	07/12/16 18:30	1
1,2-Dibromo-3-Chloropropane	ND		7.5		ug/Kg		07/12/16 12:30	07/12/16 18:30	1
Ethylene Dibromide	ND		3.8		ug/Kg		07/12/16 12:30	07/12/16 18:30	1
Dibromomethane	ND		7.5		ug/Kg		07/12/16 12:30	07/12/16 18:30	1
Dichlorodifluoromethane	ND		7.5		ug/Kg		07/12/16 12:30	07/12/16 18:30	1
1,1-Dichloroethane	ND		3.8		ug/Kg		07/12/16 12:30	07/12/16 18:30	1
1,2-Dichloroethane	ND		3.8		ug/Kg		07/12/16 12:30	07/12/16 18:30	1
1,1-Dichloroethene	ND		3.8		ug/Kg		07/12/16 12:30	07/12/16 18:30	1
cis-1,2-Dichloroethene	ND		3.8		ug/Kg		07/12/16 12:30	07/12/16 18:30	1
trans-1,2-Dichloroethene	ND		3.8		ug/Kg		07/12/16 12:30	07/12/16 18:30	1
1,2-Dichloropropane	ND		3.8		ug/Kg		07/12/16 12:30	07/12/16 18:30	1
cis-1,3-Dichloropropene	ND		3.8		ug/Kg		07/12/16 12:30	07/12/16 18:30	1
trans-1,3-Dichloropropene	ND		3.8		ug/Kg		07/12/16 12:30	07/12/16 18:30	1
Ethylbenzene	ND		3.8		ug/Kg		07/12/16 12:30	07/12/16 18:30	1
Hexachlorobutadiene	ND		3.8		ug/Kg		07/12/16 12:30	07/12/16 18:30	1
2-Hexanone	ND		38		ug/Kg		07/12/16 12:30	07/12/16 18:30	1
Isopropylbenzene	ND		3.8		ug/Kg		07/12/16 12:30	07/12/16 18:30	1
4-Isopropyltoluene	ND		3.8		ug/Kg		07/12/16 12:30	07/12/16 18:30	1
Methylene Chloride	ND		7.5		ug/Kg		07/12/16 12:30	07/12/16 18:30	1
4-Methyl-2-pentanone (MIBK)	ND		38		ug/Kg		07/12/16 12:30	07/12/16 18:30	1
Naphthalene	ND		7.5		ug/Kg		07/12/16 12:30	07/12/16 18:30	1
N-Propylbenzene	ND		3.8		ug/Kg		07/12/16 12:30	07/12/16 18:30	1
Styrene	ND		3.8		ug/Kg		07/12/16 12:30	07/12/16 18:30	1
1,1,1,2-Tetrachloroethane	ND		3.8		ug/Kg		07/12/16 12:30	07/12/16 18:30	1

TestAmerica Pleasanton

Client Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

Client Sample ID: SB-9-14'

Lab Sample ID: 720-73308-10

Date Collected: 07/11/16 23:15

Matrix: Solid

Date Received: 07/12/16 11:30

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		3.8		ug/Kg		07/12/16 12:30	07/12/16 18:30	1
Tetrachloroethene	ND		3.8		ug/Kg		07/12/16 12:30	07/12/16 18:30	1
Toluene	ND		3.8		ug/Kg		07/12/16 12:30	07/12/16 18:30	1
1,2,3-Trichlorobenzene	ND		3.8		ug/Kg		07/12/16 12:30	07/12/16 18:30	1
1,2,4-Trichlorobenzene	ND		3.8		ug/Kg		07/12/16 12:30	07/12/16 18:30	1
1,1,1-Trichloroethane	ND		3.8		ug/Kg		07/12/16 12:30	07/12/16 18:30	1
1,1,2-Trichloroethane	ND		3.8		ug/Kg		07/12/16 12:30	07/12/16 18:30	1
Trichloroethene	ND		3.8		ug/Kg		07/12/16 12:30	07/12/16 18:30	1
Trichlorofluoromethane	ND		3.8		ug/Kg		07/12/16 12:30	07/12/16 18:30	1
1,2,3-Trichloropropane	ND		3.8		ug/Kg		07/12/16 12:30	07/12/16 18:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		3.8		ug/Kg		07/12/16 12:30	07/12/16 18:30	1
1,2,4-Trimethylbenzene	ND		3.8		ug/Kg		07/12/16 12:30	07/12/16 18:30	1
1,3,5-Trimethylbenzene	ND		3.8		ug/Kg		07/12/16 12:30	07/12/16 18:30	1
Vinyl acetate	ND		15		ug/Kg		07/12/16 12:30	07/12/16 18:30	1
Vinyl chloride	ND		3.8		ug/Kg		07/12/16 12:30	07/12/16 18:30	1
Xylenes, Total	ND		7.5		ug/Kg		07/12/16 12:30	07/12/16 18:30	1
2,2-Dichloropropane	ND		3.8		ug/Kg		07/12/16 12:30	07/12/16 18:30	1
Gasoline Range Organics (GRO) -C5-C12	ND		190		ug/Kg		07/12/16 12:30	07/12/16 18:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	95		45 - 131	07/12/16 12:30	07/12/16 18:30	1
1,2-Dichloroethane-d4 (Surr)	93		60 - 140	07/12/16 12:30	07/12/16 18:30	1
Toluene-d8 (Surr)	95		58 - 140	07/12/16 12:30	07/12/16 18:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		0.066		mg/Kg		07/13/16 09:59	07/13/16 20:43	1
Acenaphthylene	ND		0.066		mg/Kg		07/13/16 09:59	07/13/16 20:43	1
Acenaphthene	ND		0.066		mg/Kg		07/13/16 09:59	07/13/16 20:43	1
Fluorene	ND		0.066		mg/Kg		07/13/16 09:59	07/13/16 20:43	1
Phenanthrene	ND		0.066		mg/Kg		07/13/16 09:59	07/13/16 20:43	1
Anthracene	ND		0.066		mg/Kg		07/13/16 09:59	07/13/16 20:43	1
Fluoranthene	ND		0.066		mg/Kg		07/13/16 09:59	07/13/16 20:43	1
Pyrene	ND		0.066		mg/Kg		07/13/16 09:59	07/13/16 20:43	1
Benzo[a]anthracene	ND		0.33		mg/Kg		07/13/16 09:59	07/13/16 20:43	1
Chrysene	ND		0.066		mg/Kg		07/13/16 09:59	07/13/16 20:43	1
Benzo[b]fluoranthene	ND		0.066		mg/Kg		07/13/16 09:59	07/13/16 20:43	1
Benzo[k]fluoranthene	ND		0.066		mg/Kg		07/13/16 09:59	07/13/16 20:43	1
Benzo[a]pyrene	ND		0.066		mg/Kg		07/13/16 09:59	07/13/16 20:43	1
Indeno[1,2,3-cd]pyrene	ND		0.066		mg/Kg		07/13/16 09:59	07/13/16 20:43	1
Benzo[g,h,i]perylene	ND		0.066		mg/Kg		07/13/16 09:59	07/13/16 20:43	1
Dibenz(a,h)anthracene	ND		0.066		mg/Kg		07/13/16 09:59	07/13/16 20:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	87		21 - 98	07/13/16 09:59	07/13/16 20:43	1
2-Fluorobiphenyl	88		30 - 112	07/13/16 09:59	07/13/16 20:43	1
Terphenyl-d14	88		59 - 134	07/13/16 09:59	07/13/16 20:43	1

TestAmerica Pleasanton

Client Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

Client Sample ID: SB-9-14'

Lab Sample ID: 720-73308-10

Date Collected: 07/11/16 23:15

Matrix: Solid

Date Received: 07/12/16 11:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		0.99		mg/Kg		07/13/16 09:57	07/13/16 17:02	1
Motor Oil Range Organics [C24-C36]	ND		49		mg/Kg		07/13/16 09:57	07/13/16 17:02	1
TPH-Hydraulic Oil Range (C19-C36)	ND		49		mg/Kg		07/13/16 09:57	07/13/16 17:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>p</i> -Terphenyl	89		40 - 130				07/13/16 09:57	07/13/16 17:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		49		ug/Kg		07/13/16 14:31	07/13/16 21:11	1
PCB-1221	ND		49		ug/Kg		07/13/16 14:31	07/13/16 21:11	1
PCB-1232	ND		49		ug/Kg		07/13/16 14:31	07/13/16 21:11	1
PCB-1242	ND		49		ug/Kg		07/13/16 14:31	07/13/16 21:11	1
PCB-1248	ND		49		ug/Kg		07/13/16 14:31	07/13/16 21:11	1
PCB-1254	ND		49		ug/Kg		07/13/16 14:31	07/13/16 21:11	1
PCB-1260	ND		49		ug/Kg		07/13/16 14:31	07/13/16 21:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>Tetrachloro-m-xylene</i>	88		45 - 132				07/13/16 14:31	07/13/16 21:11	1
<i>DCB Decachlorobiphenyl</i>	82		42 - 146				07/13/16 14:31	07/13/16 21:11	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.7		mg/Kg		07/12/16 19:10	07/13/16 19:57	4
Arsenic	ND		3.5		mg/Kg		07/12/16 19:10	07/13/16 19:57	4
Barium	46		1.7		mg/Kg		07/12/16 19:10	07/13/16 19:57	4
Beryllium	ND		0.35		mg/Kg		07/12/16 19:10	07/13/16 19:57	4
Cadmium	ND		0.43		mg/Kg		07/12/16 19:10	07/13/16 19:57	4
Chromium	41		1.7		mg/Kg		07/12/16 19:10	07/13/16 19:57	4
Cobalt	5.9		0.70		mg/Kg		07/12/16 19:10	07/13/16 19:57	4
Copper	ND		5.2		mg/Kg		07/12/16 19:10	07/13/16 19:57	4
Lead	ND		1.7		mg/Kg		07/12/16 19:10	07/13/16 19:57	4
Molybdenum	ND		1.7		mg/Kg		07/12/16 19:10	07/13/16 19:57	4
Nickel	34		1.7		mg/Kg		07/12/16 19:10	07/13/16 19:57	4
Selenium	ND		3.5		mg/Kg		07/12/16 19:10	07/13/16 19:57	4
Silver	ND		0.87		mg/Kg		07/12/16 19:10	07/13/16 19:57	4
Thallium	ND		1.7		mg/Kg		07/12/16 19:10	07/13/16 19:57	4
Vanadium	30		1.7		mg/Kg		07/12/16 19:10	07/13/16 19:57	4
Zinc	18		5.2		mg/Kg		07/12/16 19:10	07/13/16 19:57	4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.018		0.0088		mg/Kg		07/13/16 17:08	07/14/16 14:17	1

TestAmerica Pleasanton

Client Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

Client Sample ID: SB-9
Date Collected: 07/11/16 23:30
Date Received: 07/12/16 11:30

Lab Sample ID: 720-73308-11
Matrix: Water

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			07/12/16 18:30	1
Acetone	ND		50		ug/L			07/12/16 18:30	1
Benzene	ND		0.50		ug/L			07/12/16 18:30	1
Dichlorobromomethane	ND		0.50		ug/L			07/12/16 18:30	1
Bromobenzene	ND		1.0		ug/L			07/12/16 18:30	1
Chlorobromomethane	ND		1.0		ug/L			07/12/16 18:30	1
Bromoform	ND		1.0		ug/L			07/12/16 18:30	1
Bromomethane	ND		1.0		ug/L			07/12/16 18:30	1
2-Butanone (MEK)	ND		50		ug/L			07/12/16 18:30	1
n-Butylbenzene	ND		1.0		ug/L			07/12/16 18:30	1
sec-Butylbenzene	ND		1.0		ug/L			07/12/16 18:30	1
tert-Butylbenzene	ND		1.0		ug/L			07/12/16 18:30	1
Carbon disulfide	ND		5.0		ug/L			07/12/16 18:30	1
Carbon tetrachloride	ND		0.50		ug/L			07/12/16 18:30	1
Chlorobenzene	ND		0.50		ug/L			07/12/16 18:30	1
Chloroethane	ND		1.0		ug/L			07/12/16 18:30	1
Chloroform	ND		1.0		ug/L			07/12/16 18:30	1
Chloromethane	ND		1.0		ug/L			07/12/16 18:30	1
2-Chlorotoluene	ND		0.50		ug/L			07/12/16 18:30	1
4-Chlorotoluene	ND		0.50		ug/L			07/12/16 18:30	1
Chlorodibromomethane	ND		0.50		ug/L			07/12/16 18:30	1
1,2-Dichlorobenzene	ND		0.50		ug/L			07/12/16 18:30	1
1,3-Dichlorobenzene	ND		0.50		ug/L			07/12/16 18:30	1
1,4-Dichlorobenzene	ND		0.50		ug/L			07/12/16 18:30	1
1,3-Dichloropropane	ND		1.0		ug/L			07/12/16 18:30	1
1,1-Dichloropropene	ND		0.50		ug/L			07/12/16 18:30	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			07/12/16 18:30	1
Ethylene Dibromide	ND		0.50		ug/L			07/12/16 18:30	1
Dibromomethane	ND		0.50		ug/L			07/12/16 18:30	1
Dichlorodifluoromethane	ND		0.50		ug/L			07/12/16 18:30	1
1,1-Dichloroethane	ND		0.50		ug/L			07/12/16 18:30	1
1,2-Dichloroethane	ND		0.50		ug/L			07/12/16 18:30	1
1,1-Dichloroethene	ND		0.50		ug/L			07/12/16 18:30	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			07/12/16 18:30	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			07/12/16 18:30	1
1,2-Dichloropropane	ND		0.50		ug/L			07/12/16 18:30	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			07/12/16 18:30	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			07/12/16 18:30	1
Ethylbenzene	ND		0.50		ug/L			07/12/16 18:30	1
Hexachlorobutadiene	ND		1.0		ug/L			07/12/16 18:30	1
2-Hexanone	ND		50		ug/L			07/12/16 18:30	1
Isopropylbenzene	ND		0.50		ug/L			07/12/16 18:30	1
4-Isopropyltoluene	ND		1.0		ug/L			07/12/16 18:30	1
Methylene Chloride	ND		5.0		ug/L			07/12/16 18:30	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/12/16 18:30	1
Naphthalene	ND		1.0		ug/L			07/12/16 18:30	1
N-Propylbenzene	ND		1.0		ug/L			07/12/16 18:30	1
Styrene	ND		0.50		ug/L			07/12/16 18:30	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			07/12/16 18:30	1

TestAmerica Pleasanton

Client Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

Client Sample ID: SB-9

Lab Sample ID: 720-73308-11

Date Collected: 07/11/16 23:30

Matrix: Water

Date Received: 07/12/16 11:30

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			07/12/16 18:30	1
Tetrachloroethene	1.0		0.50		ug/L			07/12/16 18:30	1
Toluene	ND		0.50		ug/L			07/12/16 18:30	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			07/12/16 18:30	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			07/12/16 18:30	1
1,1,1-Trichloroethane	ND		0.50		ug/L			07/12/16 18:30	1
1,1,2-Trichloroethane	ND		0.50		ug/L			07/12/16 18:30	1
Trichloroethene	ND		0.50		ug/L			07/12/16 18:30	1
Trichlorofluoromethane	ND		1.0		ug/L			07/12/16 18:30	1
1,2,3-Trichloropropane	ND		0.50		ug/L			07/12/16 18:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			07/12/16 18:30	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			07/12/16 18:30	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			07/12/16 18:30	1
Vinyl acetate	ND		10		ug/L			07/12/16 18:30	1
Vinyl chloride	ND		0.50		ug/L			07/12/16 18:30	1
Xylenes, Total	ND		1.0		ug/L			07/12/16 18:30	1
2,2-Dichloropropane	ND		0.50		ug/L			07/12/16 18:30	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			07/12/16 18:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	103		67 - 130					07/12/16 18:30	1
1,2-Dichloroethane-d4 (Surr)	112		72 - 130					07/12/16 18:30	1
Toluene-d8 (Surr)	98		70 - 130					07/12/16 18:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		52		ug/L		07/13/16 09:59	07/13/16 19:52	1
Motor Oil Range Organics [C24-C36]	ND		100		ug/L		07/13/16 09:59	07/13/16 19:52	1
TPH-Hydraulic Oil Range (C19-C36)	ND		100		ug/L		07/13/16 09:59	07/13/16 19:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
p-Terphenyl	90		23 - 156				07/13/16 09:59	07/13/16 19:52	1

Method: 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.010		mg/L		07/13/16 14:32	07/14/16 11:50	1
Arsenic	ND		0.010		mg/L		07/13/16 14:32	07/14/16 11:50	1
Barium	0.055		0.050		mg/L		07/13/16 14:32	07/14/16 11:50	1
Beryllium	ND		0.0020		mg/L		07/13/16 14:32	07/14/16 11:50	1
Cadmium	ND		0.0020		mg/L		07/13/16 14:32	07/14/16 11:50	1
Chromium	ND		0.010		mg/L		07/13/16 14:32	07/14/16 11:50	1
Cobalt	0.0032		0.0020		mg/L		07/13/16 14:32	07/14/16 11:50	1
Copper	ND		0.020		mg/L		07/13/16 14:32	07/14/16 11:50	1
Lead	ND		0.0050		mg/L		07/13/16 14:32	07/14/16 11:50	1
Molybdenum	0.013		0.010		mg/L		07/13/16 14:32	07/14/16 11:50	1
Nickel	0.028		0.010		mg/L		07/13/16 14:32	07/14/16 11:50	1
Selenium	ND		0.020		mg/L		07/13/16 14:32	07/14/16 11:50	1
Silver	ND		0.0050		mg/L		07/13/16 14:32	07/14/16 11:50	1
Thallium	ND		0.010		mg/L		07/13/16 14:32	07/14/16 11:50	1
Vanadium	ND		0.010		mg/L		07/13/16 14:32	07/14/16 11:50	1

TestAmerica Pleasanton

Client Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

Client Sample ID: SB-9

Date Collected: 07/11/16 23:30

Date Received: 07/12/16 11:30

Lab Sample ID: 720-73308-11

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	ND		0.020		mg/L		07/13/16 14:32	07/14/16 11:50	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		07/13/16 18:08	07/14/16 11:15	1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

Client Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

Client Sample ID: SB-4-3'

Lab Sample ID: 720-73308-12

Date Collected: 07/12/16 00:15

Matrix: Solid

Date Received: 07/12/16 11:30

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		3.5		ug/Kg		07/12/16 13:12	07/12/16 19:56	1
Acetone	ND		35		ug/Kg		07/12/16 13:12	07/12/16 19:56	1
Benzene	ND		3.5		ug/Kg		07/12/16 13:12	07/12/16 19:56	1
Dichlorobromomethane	ND		3.5		ug/Kg		07/12/16 13:12	07/12/16 19:56	1
Bromobenzene	ND		3.5		ug/Kg		07/12/16 13:12	07/12/16 19:56	1
Chlorobromomethane	ND		14		ug/Kg		07/12/16 13:12	07/12/16 19:56	1
Bromoform	ND		3.5		ug/Kg		07/12/16 13:12	07/12/16 19:56	1
Bromomethane	ND		7.1		ug/Kg		07/12/16 13:12	07/12/16 19:56	1
2-Butanone (MEK)	ND		35		ug/Kg		07/12/16 13:12	07/12/16 19:56	1
n-Butylbenzene	ND		3.5		ug/Kg		07/12/16 13:12	07/12/16 19:56	1
sec-Butylbenzene	ND		3.5		ug/Kg		07/12/16 13:12	07/12/16 19:56	1
tert-Butylbenzene	ND		3.5		ug/Kg		07/12/16 13:12	07/12/16 19:56	1
Carbon disulfide	ND		3.5		ug/Kg		07/12/16 13:12	07/12/16 19:56	1
Carbon tetrachloride	ND		3.5		ug/Kg		07/12/16 13:12	07/12/16 19:56	1
Chlorobenzene	ND		3.5		ug/Kg		07/12/16 13:12	07/12/16 19:56	1
Chloroethane	ND		7.1		ug/Kg		07/12/16 13:12	07/12/16 19:56	1
Chloroform	ND		3.5		ug/Kg		07/12/16 13:12	07/12/16 19:56	1
Chloromethane	ND		7.1		ug/Kg		07/12/16 13:12	07/12/16 19:56	1
2-Chlorotoluene	ND		3.5		ug/Kg		07/12/16 13:12	07/12/16 19:56	1
4-Chlorotoluene	ND		3.5		ug/Kg		07/12/16 13:12	07/12/16 19:56	1
Chlorodibromomethane	ND		3.5		ug/Kg		07/12/16 13:12	07/12/16 19:56	1
1,2-Dichlorobenzene	ND		3.5		ug/Kg		07/12/16 13:12	07/12/16 19:56	1
1,3-Dichlorobenzene	ND		3.5		ug/Kg		07/12/16 13:12	07/12/16 19:56	1
1,4-Dichlorobenzene	ND		3.5		ug/Kg		07/12/16 13:12	07/12/16 19:56	1
1,3-Dichloropropane	ND		3.5		ug/Kg		07/12/16 13:12	07/12/16 19:56	1
1,1-Dichloropropene	ND		3.5		ug/Kg		07/12/16 13:12	07/12/16 19:56	1
1,2-Dibromo-3-Chloropropane	ND		7.1		ug/Kg		07/12/16 13:12	07/12/16 19:56	1
Ethylene Dibromide	ND		3.5		ug/Kg		07/12/16 13:12	07/12/16 19:56	1
Dibromomethane	ND		7.1		ug/Kg		07/12/16 13:12	07/12/16 19:56	1
Dichlorodifluoromethane	ND		7.1		ug/Kg		07/12/16 13:12	07/12/16 19:56	1
1,1-Dichloroethane	ND		3.5		ug/Kg		07/12/16 13:12	07/12/16 19:56	1
1,2-Dichloroethane	ND		3.5		ug/Kg		07/12/16 13:12	07/12/16 19:56	1
1,1-Dichloroethene	ND		3.5		ug/Kg		07/12/16 13:12	07/12/16 19:56	1
cis-1,2-Dichloroethene	ND		3.5		ug/Kg		07/12/16 13:12	07/12/16 19:56	1
trans-1,2-Dichloroethene	ND		3.5		ug/Kg		07/12/16 13:12	07/12/16 19:56	1
1,2-Dichloropropane	ND		3.5		ug/Kg		07/12/16 13:12	07/12/16 19:56	1
cis-1,3-Dichloropropene	ND		3.5		ug/Kg		07/12/16 13:12	07/12/16 19:56	1
trans-1,3-Dichloropropene	ND		3.5		ug/Kg		07/12/16 13:12	07/12/16 19:56	1
Ethylbenzene	ND		3.5		ug/Kg		07/12/16 13:12	07/12/16 19:56	1
Hexachlorobutadiene	ND		3.5		ug/Kg		07/12/16 13:12	07/12/16 19:56	1
2-Hexanone	ND		35		ug/Kg		07/12/16 13:12	07/12/16 19:56	1
Isopropylbenzene	ND		3.5		ug/Kg		07/12/16 13:12	07/12/16 19:56	1
4-Isopropyltoluene	ND		3.5		ug/Kg		07/12/16 13:12	07/12/16 19:56	1
Methylene Chloride	ND		7.1		ug/Kg		07/12/16 13:12	07/12/16 19:56	1
4-Methyl-2-pentanone (MIBK)	ND		35		ug/Kg		07/12/16 13:12	07/12/16 19:56	1
Naphthalene	ND		7.1		ug/Kg		07/12/16 13:12	07/12/16 19:56	1
N-Propylbenzene	ND		3.5		ug/Kg		07/12/16 13:12	07/12/16 19:56	1
Styrene	ND		3.5		ug/Kg		07/12/16 13:12	07/12/16 19:56	1
1,1,1,2-Tetrachloroethane	ND		3.5		ug/Kg		07/12/16 13:12	07/12/16 19:56	1

TestAmerica Pleasanton

Client Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

Client Sample ID: SB-4-3'

Date Collected: 07/12/16 00:15

Date Received: 07/12/16 11:30

Lab Sample ID: 720-73308-12

Matrix: Solid

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		3.5		ug/Kg		07/12/16 13:12	07/12/16 19:56	1
Tetrachloroethene	ND		3.5		ug/Kg		07/12/16 13:12	07/12/16 19:56	1
Toluene	ND		3.5		ug/Kg		07/12/16 13:12	07/12/16 19:56	1
1,2,3-Trichlorobenzene	ND		3.5		ug/Kg		07/12/16 13:12	07/12/16 19:56	1
1,2,4-Trichlorobenzene	ND		3.5		ug/Kg		07/12/16 13:12	07/12/16 19:56	1
1,1,1-Trichloroethane	ND		3.5		ug/Kg		07/12/16 13:12	07/12/16 19:56	1
1,1,2-Trichloroethane	ND		3.5		ug/Kg		07/12/16 13:12	07/12/16 19:56	1
Trichloroethene	ND		3.5		ug/Kg		07/12/16 13:12	07/12/16 19:56	1
Trichlorofluoromethane	ND		3.5		ug/Kg		07/12/16 13:12	07/12/16 19:56	1
1,2,3-Trichloropropane	ND		3.5		ug/Kg		07/12/16 13:12	07/12/16 19:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		3.5		ug/Kg		07/12/16 13:12	07/12/16 19:56	1
1,2,4-Trimethylbenzene	ND		3.5		ug/Kg		07/12/16 13:12	07/12/16 19:56	1
1,3,5-Trimethylbenzene	ND		3.5		ug/Kg		07/12/16 13:12	07/12/16 19:56	1
Vinyl acetate	ND		14		ug/Kg		07/12/16 13:12	07/12/16 19:56	1
Vinyl chloride	ND		3.5		ug/Kg		07/12/16 13:12	07/12/16 19:56	1
Xylenes, Total	ND		7.1		ug/Kg		07/12/16 13:12	07/12/16 19:56	1
2,2-Dichloropropane	ND		3.5		ug/Kg		07/12/16 13:12	07/12/16 19:56	1
Gasoline Range Organics (GRO) -C5-C12	ND		180		ug/Kg		07/12/16 13:12	07/12/16 19:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	90		45 - 131	07/12/16 13:12	07/12/16 19:56	1
1,2-Dichloroethane-d4 (Surr)	107		60 - 140	07/12/16 13:12	07/12/16 19:56	1
Toluene-d8 (Surr)	94		58 - 140	07/12/16 13:12	07/12/16 19:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		0.99		mg/Kg		07/13/16 09:57	07/13/16 16:38	1
Motor Oil Range Organics [C24-C36]	ND		50		mg/Kg		07/13/16 09:57	07/13/16 16:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
p-Terphenyl	100		40 - 130	07/13/16 09:57	07/13/16 16:38	1

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		1.9		ug/Kg		07/13/16 11:39	07/14/16 00:46	1
Dieldrin	ND		1.9		ug/Kg		07/13/16 11:39	07/14/16 00:46	1
Endrin aldehyde	ND		1.9		ug/Kg		07/13/16 11:39	07/14/16 00:46	1
Endrin	ND		1.9		ug/Kg		07/13/16 11:39	07/14/16 00:46	1
Endrin ketone	ND		1.9		ug/Kg		07/13/16 11:39	07/14/16 00:46	1
Heptachlor	ND		1.9		ug/Kg		07/13/16 11:39	07/14/16 00:46	1
Heptachlor epoxide	ND		1.9		ug/Kg		07/13/16 11:39	07/14/16 00:46	1
4,4'-DDT	ND		1.9		ug/Kg		07/13/16 11:39	07/14/16 00:46	1
4,4'-DDE	ND		1.9		ug/Kg		07/13/16 11:39	07/14/16 00:46	1
4,4'-DDD	ND		1.9		ug/Kg		07/13/16 11:39	07/14/16 00:46	1
Endosulfan I	ND		1.9		ug/Kg		07/13/16 11:39	07/14/16 00:46	1
Endosulfan II	ND		1.9		ug/Kg		07/13/16 11:39	07/14/16 00:46	1
alpha-BHC	ND		1.9		ug/Kg		07/13/16 11:39	07/14/16 00:46	1
beta-BHC	ND		1.9		ug/Kg		07/13/16 11:39	07/14/16 00:46	1
gamma-BHC (Lindane)	ND		1.9		ug/Kg		07/13/16 11:39	07/14/16 00:46	1
delta-BHC	ND		1.9		ug/Kg		07/13/16 11:39	07/14/16 00:46	1

TestAmerica Pleasanton

Client Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

Client Sample ID: SB-4-3'

Lab Sample ID: 720-73308-12

Date Collected: 07/12/16 00:15

Matrix: Solid

Date Received: 07/12/16 11:30

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endosulfan sulfate	ND		1.9		ug/Kg		07/13/16 11:39	07/14/16 00:46	1
Methoxychlor	ND		1.9		ug/Kg		07/13/16 11:39	07/14/16 00:46	1
Toxaphene	ND		39		ug/Kg		07/13/16 11:39	07/14/16 00:46	1
Chlordane (technical)	ND		39		ug/Kg		07/13/16 11:39	07/14/16 00:46	1
alpha-Chlordane	ND		1.9		ug/Kg		07/13/16 11:39	07/14/16 00:46	1
gamma-Chlordane	ND		1.9		ug/Kg		07/13/16 11:39	07/14/16 00:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	92		57 - 122	07/13/16 11:39	07/14/16 00:46	1
DCB Decachlorobiphenyl	107		21 - 136	07/13/16 11:39	07/14/16 00:46	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.3		mg/Kg		07/12/16 19:10	07/13/16 20:02	4
Arsenic	3.8		2.5		mg/Kg		07/12/16 19:10	07/13/16 20:02	4
Barium	68		1.3		mg/Kg		07/12/16 19:10	07/13/16 20:02	4
Beryllium	ND		0.25		mg/Kg		07/12/16 19:10	07/13/16 20:02	4
Cadmium	ND		0.31		mg/Kg		07/12/16 19:10	07/13/16 20:02	4
Chromium	37		1.3		mg/Kg		07/12/16 19:10	07/13/16 20:02	4
Cobalt	26		0.50		mg/Kg		07/12/16 19:10	07/13/16 20:02	4
Copper	7.8		3.8		mg/Kg		07/12/16 19:10	07/13/16 20:02	4
Lead	2.9		1.3		mg/Kg		07/12/16 19:10	07/13/16 20:02	4
Molybdenum	ND		1.3		mg/Kg		07/12/16 19:10	07/13/16 20:02	4
Nickel	27		1.3		mg/Kg		07/12/16 19:10	07/13/16 20:02	4
Selenium	ND		2.5		mg/Kg		07/12/16 19:10	07/13/16 20:02	4
Silver	ND		0.63		mg/Kg		07/12/16 19:10	07/13/16 20:02	4
Thallium	ND		1.3		mg/Kg		07/12/16 19:10	07/13/16 20:02	4
Vanadium	40		1.3		mg/Kg		07/12/16 19:10	07/13/16 20:02	4
Zinc	14		3.8		mg/Kg		07/12/16 19:10	07/13/16 20:02	4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.033		0.0088		mg/Kg		07/13/16 17:08	07/14/16 14:24	1

Client Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

Client Sample ID: SB-4-10'

Lab Sample ID: 720-73308-13

Date Collected: 07/12/16 00:35

Matrix: Solid

Date Received: 07/12/16 11:30

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		3.4		ug/Kg		07/12/16 13:12	07/12/16 20:24	1
Acetone	ND		34		ug/Kg		07/12/16 13:12	07/12/16 20:24	1
Benzene	ND		3.4		ug/Kg		07/12/16 13:12	07/12/16 20:24	1
Dichlorobromomethane	ND		3.4		ug/Kg		07/12/16 13:12	07/12/16 20:24	1
Bromobenzene	ND		3.4		ug/Kg		07/12/16 13:12	07/12/16 20:24	1
Chlorobromomethane	ND		14		ug/Kg		07/12/16 13:12	07/12/16 20:24	1
Bromoform	ND		3.4		ug/Kg		07/12/16 13:12	07/12/16 20:24	1
Bromomethane	ND		6.8		ug/Kg		07/12/16 13:12	07/12/16 20:24	1
2-Butanone (MEK)	ND		34		ug/Kg		07/12/16 13:12	07/12/16 20:24	1
n-Butylbenzene	ND		3.4		ug/Kg		07/12/16 13:12	07/12/16 20:24	1
sec-Butylbenzene	ND		3.4		ug/Kg		07/12/16 13:12	07/12/16 20:24	1
tert-Butylbenzene	ND		3.4		ug/Kg		07/12/16 13:12	07/12/16 20:24	1
Carbon disulfide	ND		3.4		ug/Kg		07/12/16 13:12	07/12/16 20:24	1
Carbon tetrachloride	ND		3.4		ug/Kg		07/12/16 13:12	07/12/16 20:24	1
Chlorobenzene	ND		3.4		ug/Kg		07/12/16 13:12	07/12/16 20:24	1
Chloroethane	ND		6.8		ug/Kg		07/12/16 13:12	07/12/16 20:24	1
Chloroform	ND		3.4		ug/Kg		07/12/16 13:12	07/12/16 20:24	1
Chloromethane	ND		6.8		ug/Kg		07/12/16 13:12	07/12/16 20:24	1
2-Chlorotoluene	ND		3.4		ug/Kg		07/12/16 13:12	07/12/16 20:24	1
4-Chlorotoluene	ND		3.4		ug/Kg		07/12/16 13:12	07/12/16 20:24	1
Chlorodibromomethane	ND		3.4		ug/Kg		07/12/16 13:12	07/12/16 20:24	1
1,2-Dichlorobenzene	ND		3.4		ug/Kg		07/12/16 13:12	07/12/16 20:24	1
1,3-Dichlorobenzene	ND		3.4		ug/Kg		07/12/16 13:12	07/12/16 20:24	1
1,4-Dichlorobenzene	ND		3.4		ug/Kg		07/12/16 13:12	07/12/16 20:24	1
1,3-Dichloropropane	ND		3.4		ug/Kg		07/12/16 13:12	07/12/16 20:24	1
1,1-Dichloropropane	ND		3.4		ug/Kg		07/12/16 13:12	07/12/16 20:24	1
1,2-Dibromo-3-Chloropropane	ND		6.8		ug/Kg		07/12/16 13:12	07/12/16 20:24	1
Ethylene Dibromide	ND		3.4		ug/Kg		07/12/16 13:12	07/12/16 20:24	1
Dibromomethane	ND		6.8		ug/Kg		07/12/16 13:12	07/12/16 20:24	1
Dichlorodifluoromethane	ND		6.8		ug/Kg		07/12/16 13:12	07/12/16 20:24	1
1,1-Dichloroethane	ND		3.4		ug/Kg		07/12/16 13:12	07/12/16 20:24	1
1,2-Dichloroethane	ND		3.4		ug/Kg		07/12/16 13:12	07/12/16 20:24	1
1,1-Dichloroethene	ND		3.4		ug/Kg		07/12/16 13:12	07/12/16 20:24	1
cis-1,2-Dichloroethene	ND		3.4		ug/Kg		07/12/16 13:12	07/12/16 20:24	1
trans-1,2-Dichloroethene	ND		3.4		ug/Kg		07/12/16 13:12	07/12/16 20:24	1
1,2-Dichloropropane	ND		3.4		ug/Kg		07/12/16 13:12	07/12/16 20:24	1
cis-1,3-Dichloropropene	ND		3.4		ug/Kg		07/12/16 13:12	07/12/16 20:24	1
trans-1,3-Dichloropropene	ND		3.4		ug/Kg		07/12/16 13:12	07/12/16 20:24	1
Ethylbenzene	ND		3.4		ug/Kg		07/12/16 13:12	07/12/16 20:24	1
Hexachlorobutadiene	ND		3.4		ug/Kg		07/12/16 13:12	07/12/16 20:24	1
2-Hexanone	ND		34		ug/Kg		07/12/16 13:12	07/12/16 20:24	1
Isopropylbenzene	ND		3.4		ug/Kg		07/12/16 13:12	07/12/16 20:24	1
4-Isopropyltoluene	ND		3.4		ug/Kg		07/12/16 13:12	07/12/16 20:24	1
Methylene Chloride	ND		6.8		ug/Kg		07/12/16 13:12	07/12/16 20:24	1
4-Methyl-2-pentanone (MIBK)	ND		34		ug/Kg		07/12/16 13:12	07/12/16 20:24	1
Naphthalene	ND		6.8		ug/Kg		07/12/16 13:12	07/12/16 20:24	1
N-Propylbenzene	ND		3.4		ug/Kg		07/12/16 13:12	07/12/16 20:24	1
Styrene	ND		3.4		ug/Kg		07/12/16 13:12	07/12/16 20:24	1
1,1,1,2-Tetrachloroethane	ND		3.4		ug/Kg		07/12/16 13:12	07/12/16 20:24	1

TestAmerica Pleasanton

Client Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

Client Sample ID: SB-4-10'

Lab Sample ID: 720-73308-13

Date Collected: 07/12/16 00:35

Matrix: Solid

Date Received: 07/12/16 11:30

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		3.4		ug/Kg		07/12/16 13:12	07/12/16 20:24	1
Tetrachloroethene	ND		3.4		ug/Kg		07/12/16 13:12	07/12/16 20:24	1
Toluene	ND		3.4		ug/Kg		07/12/16 13:12	07/12/16 20:24	1
1,2,3-Trichlorobenzene	ND		3.4		ug/Kg		07/12/16 13:12	07/12/16 20:24	1
1,2,4-Trichlorobenzene	ND		3.4		ug/Kg		07/12/16 13:12	07/12/16 20:24	1
1,1,1-Trichloroethane	ND		3.4		ug/Kg		07/12/16 13:12	07/12/16 20:24	1
1,1,2-Trichloroethane	ND		3.4		ug/Kg		07/12/16 13:12	07/12/16 20:24	1
Trichloroethene	ND		3.4		ug/Kg		07/12/16 13:12	07/12/16 20:24	1
Trichlorofluoromethane	ND		3.4		ug/Kg		07/12/16 13:12	07/12/16 20:24	1
1,2,3-Trichloropropane	ND		3.4		ug/Kg		07/12/16 13:12	07/12/16 20:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		3.4		ug/Kg		07/12/16 13:12	07/12/16 20:24	1
1,2,4-Trimethylbenzene	ND		3.4		ug/Kg		07/12/16 13:12	07/12/16 20:24	1
1,3,5-Trimethylbenzene	ND		3.4		ug/Kg		07/12/16 13:12	07/12/16 20:24	1
Vinyl acetate	ND		14		ug/Kg		07/12/16 13:12	07/12/16 20:24	1
Vinyl chloride	ND		3.4		ug/Kg		07/12/16 13:12	07/12/16 20:24	1
Xylenes, Total	ND		6.8		ug/Kg		07/12/16 13:12	07/12/16 20:24	1
2,2-Dichloropropane	ND		3.4		ug/Kg		07/12/16 13:12	07/12/16 20:24	1
Gasoline Range Organics (GRO) -C5-C12	ND		170		ug/Kg		07/12/16 13:12	07/12/16 20:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	90		45 - 131	07/12/16 13:12	07/12/16 20:24	1
1,2-Dichloroethane-d4 (Surr)	106		60 - 140	07/12/16 13:12	07/12/16 20:24	1
Toluene-d8 (Surr)	94		58 - 140	07/12/16 13:12	07/12/16 20:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		0.066		mg/Kg		07/13/16 09:59	07/13/16 21:09	1
Acenaphthylene	ND		0.066		mg/Kg		07/13/16 09:59	07/13/16 21:09	1
Acenaphthene	ND		0.066		mg/Kg		07/13/16 09:59	07/13/16 21:09	1
Fluorene	ND		0.066		mg/Kg		07/13/16 09:59	07/13/16 21:09	1
Phenanthrene	ND		0.066		mg/Kg		07/13/16 09:59	07/13/16 21:09	1
Anthracene	ND		0.066		mg/Kg		07/13/16 09:59	07/13/16 21:09	1
Fluoranthene	ND		0.066		mg/Kg		07/13/16 09:59	07/13/16 21:09	1
Pyrene	ND		0.066		mg/Kg		07/13/16 09:59	07/13/16 21:09	1
Benzo[a]anthracene	ND		0.33		mg/Kg		07/13/16 09:59	07/13/16 21:09	1
Chrysene	ND		0.066		mg/Kg		07/13/16 09:59	07/13/16 21:09	1
Benzo[b]fluoranthene	ND		0.066		mg/Kg		07/13/16 09:59	07/13/16 21:09	1
Benzo[k]fluoranthene	ND		0.066		mg/Kg		07/13/16 09:59	07/13/16 21:09	1
Benzo[a]pyrene	ND		0.066		mg/Kg		07/13/16 09:59	07/13/16 21:09	1
Indeno[1,2,3-cd]pyrene	ND		0.066		mg/Kg		07/13/16 09:59	07/13/16 21:09	1
Benzo[g,h,i]perylene	ND		0.066		mg/Kg		07/13/16 09:59	07/13/16 21:09	1
Dibenz(a,h)anthracene	ND		0.066		mg/Kg		07/13/16 09:59	07/13/16 21:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	83		21 - 98	07/13/16 09:59	07/13/16 21:09	1
2-Fluorobiphenyl	84		30 - 112	07/13/16 09:59	07/13/16 21:09	1
Terphenyl-d14	89		59 - 134	07/13/16 09:59	07/13/16 21:09	1

TestAmerica Pleasanton

Client Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

Client Sample ID: SB-4-10'

Lab Sample ID: 720-73308-13

Date Collected: 07/12/16 00:35

Matrix: Solid

Date Received: 07/12/16 11:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		1.0		mg/Kg		07/13/16 09:57	07/13/16 17:26	1
Motor Oil Range Organics [C24-C36]	ND		50		mg/Kg		07/13/16 09:57	07/13/16 17:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>p-Terphenyl</i>	99		40 - 130				07/13/16 09:57	07/13/16 17:26	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.4		mg/Kg		07/12/16 19:10	07/13/16 20:17	4
Arsenic	2.9		2.7		mg/Kg		07/12/16 19:10	07/13/16 20:17	4
Barium	86		1.4		mg/Kg		07/12/16 19:10	07/13/16 20:17	4
Beryllium	ND		0.27		mg/Kg		07/12/16 19:10	07/13/16 20:17	4
Cadmium	ND		0.34		mg/Kg		07/12/16 19:10	07/13/16 20:17	4
Chromium	58		1.4		mg/Kg		07/12/16 19:10	07/13/16 20:17	4
Cobalt	6.9		0.54		mg/Kg		07/12/16 19:10	07/13/16 20:17	4
Copper	12		4.1		mg/Kg		07/12/16 19:10	07/13/16 20:17	4
Lead	3.6		1.4		mg/Kg		07/12/16 19:10	07/13/16 20:17	4
Molybdenum	ND		1.4		mg/Kg		07/12/16 19:10	07/13/16 20:17	4
Nickel	37		1.4		mg/Kg		07/12/16 19:10	07/13/16 20:17	4
Selenium	ND		2.7		mg/Kg		07/12/16 19:10	07/13/16 20:17	4
Silver	ND		0.68		mg/Kg		07/12/16 19:10	07/13/16 20:17	4
Thallium	ND		1.4		mg/Kg		07/12/16 19:10	07/13/16 20:17	4
Vanadium	38		1.4		mg/Kg		07/12/16 19:10	07/13/16 20:17	4
Zinc	27		4.1		mg/Kg		07/12/16 19:10	07/13/16 20:17	4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.045		0.0097		mg/Kg		07/13/16 17:08	07/14/16 14:27	1

Client Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

Client Sample ID: SB-4-15'

Date Collected: 07/12/16 00:45

Date Received: 07/12/16 11:30

Lab Sample ID: 720-73308-14

Matrix: Solid

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		3.5		ug/Kg		07/12/16 13:12	07/12/16 20:51	1
Acetone	ND		35		ug/Kg		07/12/16 13:12	07/12/16 20:51	1
Benzene	ND		3.5		ug/Kg		07/12/16 13:12	07/12/16 20:51	1
Dichlorobromomethane	ND		3.5		ug/Kg		07/12/16 13:12	07/12/16 20:51	1
Bromobenzene	ND		3.5		ug/Kg		07/12/16 13:12	07/12/16 20:51	1
Chlorobromomethane	ND		14		ug/Kg		07/12/16 13:12	07/12/16 20:51	1
Bromoform	ND		3.5		ug/Kg		07/12/16 13:12	07/12/16 20:51	1
Bromomethane	ND		7.0		ug/Kg		07/12/16 13:12	07/12/16 20:51	1
2-Butanone (MEK)	ND		35		ug/Kg		07/12/16 13:12	07/12/16 20:51	1
n-Butylbenzene	ND		3.5		ug/Kg		07/12/16 13:12	07/12/16 20:51	1
sec-Butylbenzene	ND		3.5		ug/Kg		07/12/16 13:12	07/12/16 20:51	1
tert-Butylbenzene	ND		3.5		ug/Kg		07/12/16 13:12	07/12/16 20:51	1
Carbon disulfide	ND		3.5		ug/Kg		07/12/16 13:12	07/12/16 20:51	1
Carbon tetrachloride	ND		3.5		ug/Kg		07/12/16 13:12	07/12/16 20:51	1
Chlorobenzene	ND		3.5		ug/Kg		07/12/16 13:12	07/12/16 20:51	1
Chloroethane	ND		7.0		ug/Kg		07/12/16 13:12	07/12/16 20:51	1
Chloroform	ND		3.5		ug/Kg		07/12/16 13:12	07/12/16 20:51	1
Chloromethane	ND		7.0		ug/Kg		07/12/16 13:12	07/12/16 20:51	1
2-Chlorotoluene	ND		3.5		ug/Kg		07/12/16 13:12	07/12/16 20:51	1
4-Chlorotoluene	ND		3.5		ug/Kg		07/12/16 13:12	07/12/16 20:51	1
Chlorodibromomethane	ND		3.5		ug/Kg		07/12/16 13:12	07/12/16 20:51	1
1,2-Dichlorobenzene	ND		3.5		ug/Kg		07/12/16 13:12	07/12/16 20:51	1
1,3-Dichlorobenzene	ND		3.5		ug/Kg		07/12/16 13:12	07/12/16 20:51	1
1,4-Dichlorobenzene	ND		3.5		ug/Kg		07/12/16 13:12	07/12/16 20:51	1
1,3-Dichloropropane	ND		3.5		ug/Kg		07/12/16 13:12	07/12/16 20:51	1
1,1-Dichloropropane	ND		3.5		ug/Kg		07/12/16 13:12	07/12/16 20:51	1
1,2-Dibromo-3-Chloropropane	ND		7.0		ug/Kg		07/12/16 13:12	07/12/16 20:51	1
Ethylene Dibromide	ND		3.5		ug/Kg		07/12/16 13:12	07/12/16 20:51	1
Dibromomethane	ND		7.0		ug/Kg		07/12/16 13:12	07/12/16 20:51	1
Dichlorodifluoromethane	ND		7.0		ug/Kg		07/12/16 13:12	07/12/16 20:51	1
1,1-Dichloroethane	ND		3.5		ug/Kg		07/12/16 13:12	07/12/16 20:51	1
1,2-Dichloroethane	ND		3.5		ug/Kg		07/12/16 13:12	07/12/16 20:51	1
1,1-Dichloroethene	ND		3.5		ug/Kg		07/12/16 13:12	07/12/16 20:51	1
cis-1,2-Dichloroethene	ND		3.5		ug/Kg		07/12/16 13:12	07/12/16 20:51	1
trans-1,2-Dichloroethene	ND		3.5		ug/Kg		07/12/16 13:12	07/12/16 20:51	1
1,2-Dichloropropane	ND		3.5		ug/Kg		07/12/16 13:12	07/12/16 20:51	1
cis-1,3-Dichloropropene	ND		3.5		ug/Kg		07/12/16 13:12	07/12/16 20:51	1
trans-1,3-Dichloropropene	ND		3.5		ug/Kg		07/12/16 13:12	07/12/16 20:51	1
Ethylbenzene	ND		3.5		ug/Kg		07/12/16 13:12	07/12/16 20:51	1
Hexachlorobutadiene	ND		3.5		ug/Kg		07/12/16 13:12	07/12/16 20:51	1
2-Hexanone	ND		35		ug/Kg		07/12/16 13:12	07/12/16 20:51	1
Isopropylbenzene	ND		3.5		ug/Kg		07/12/16 13:12	07/12/16 20:51	1
4-Isopropyltoluene	ND		3.5		ug/Kg		07/12/16 13:12	07/12/16 20:51	1
Methylene Chloride	ND		7.0		ug/Kg		07/12/16 13:12	07/12/16 20:51	1
4-Methyl-2-pentanone (MIBK)	ND		35		ug/Kg		07/12/16 13:12	07/12/16 20:51	1
Naphthalene	ND		7.0		ug/Kg		07/12/16 13:12	07/12/16 20:51	1
N-Propylbenzene	ND		3.5		ug/Kg		07/12/16 13:12	07/12/16 20:51	1
Styrene	ND		3.5		ug/Kg		07/12/16 13:12	07/12/16 20:51	1
1,1,1,2-Tetrachloroethane	ND		3.5		ug/Kg		07/12/16 13:12	07/12/16 20:51	1

TestAmerica Pleasanton

Client Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

Client Sample ID: SB-4-15'

Lab Sample ID: 720-73308-14

Date Collected: 07/12/16 00:45

Matrix: Solid

Date Received: 07/12/16 11:30

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		3.5		ug/Kg		07/12/16 13:12	07/12/16 20:51	1
Tetrachloroethene	ND		3.5		ug/Kg		07/12/16 13:12	07/12/16 20:51	1
Toluene	ND		3.5		ug/Kg		07/12/16 13:12	07/12/16 20:51	1
1,2,3-Trichlorobenzene	ND		3.5		ug/Kg		07/12/16 13:12	07/12/16 20:51	1
1,2,4-Trichlorobenzene	ND		3.5		ug/Kg		07/12/16 13:12	07/12/16 20:51	1
1,1,1-Trichloroethane	ND		3.5		ug/Kg		07/12/16 13:12	07/12/16 20:51	1
1,1,2-Trichloroethane	ND		3.5		ug/Kg		07/12/16 13:12	07/12/16 20:51	1
Trichloroethene	ND		3.5		ug/Kg		07/12/16 13:12	07/12/16 20:51	1
Trichlorofluoromethane	ND		3.5		ug/Kg		07/12/16 13:12	07/12/16 20:51	1
1,2,3-Trichloropropane	ND		3.5		ug/Kg		07/12/16 13:12	07/12/16 20:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		3.5		ug/Kg		07/12/16 13:12	07/12/16 20:51	1
1,2,4-Trimethylbenzene	ND		3.5		ug/Kg		07/12/16 13:12	07/12/16 20:51	1
1,3,5-Trimethylbenzene	ND		3.5		ug/Kg		07/12/16 13:12	07/12/16 20:51	1
Vinyl acetate	ND		14		ug/Kg		07/12/16 13:12	07/12/16 20:51	1
Vinyl chloride	ND		3.5		ug/Kg		07/12/16 13:12	07/12/16 20:51	1
Xylenes, Total	ND		7.0		ug/Kg		07/12/16 13:12	07/12/16 20:51	1
2,2-Dichloropropane	ND		3.5		ug/Kg		07/12/16 13:12	07/12/16 20:51	1
Gasoline Range Organics (GRO) -C5-C12	ND		180		ug/Kg		07/12/16 13:12	07/12/16 20:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	90		45 - 131	07/12/16 13:12	07/12/16 20:51	1
1,2-Dichloroethane-d4 (Surr)	109		60 - 140	07/12/16 13:12	07/12/16 20:51	1
Toluene-d8 (Surr)	94		58 - 140	07/12/16 13:12	07/12/16 20:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		0.99		mg/Kg		07/13/16 09:57	07/13/16 17:50	1
Motor Oil Range Organics [C24-C36]	ND		50		mg/Kg		07/13/16 09:57	07/13/16 17:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
p-Terphenyl	82		40 - 130	07/13/16 09:57	07/13/16 17:50	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.7		mg/Kg		07/12/16 19:10	07/13/16 20:22	4
Arsenic	ND		3.4		mg/Kg		07/12/16 19:10	07/13/16 20:22	4
Barium	47		1.7		mg/Kg		07/12/16 19:10	07/13/16 20:22	4
Beryllium	ND		0.34		mg/Kg		07/12/16 19:10	07/13/16 20:22	4
Cadmium	ND		0.43		mg/Kg		07/12/16 19:10	07/13/16 20:22	4
Chromium	60		1.7		mg/Kg		07/12/16 19:10	07/13/16 20:22	4
Cobalt	6.2		0.68		mg/Kg		07/12/16 19:10	07/13/16 20:22	4
Copper	5.6		5.1		mg/Kg		07/12/16 19:10	07/13/16 20:22	4
Lead	ND		1.7		mg/Kg		07/12/16 19:10	07/13/16 20:22	4
Molybdenum	ND		1.7		mg/Kg		07/12/16 19:10	07/13/16 20:22	4
Nickel	44		1.7		mg/Kg		07/12/16 19:10	07/13/16 20:22	4
Selenium	ND		3.4		mg/Kg		07/12/16 19:10	07/13/16 20:22	4
Silver	ND		0.85		mg/Kg		07/12/16 19:10	07/13/16 20:22	4
Thallium	ND		1.7		mg/Kg		07/12/16 19:10	07/13/16 20:22	4
Vanadium	35		1.7		mg/Kg		07/12/16 19:10	07/13/16 20:22	4
Zinc	20		5.1		mg/Kg		07/12/16 19:10	07/13/16 20:22	4

TestAmerica Pleasanton

Client Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.028		0.0098		mg/Kg		07/13/16 17:08	07/14/16 14:29	1

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

Client Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

Client Sample ID: SB-4
Date Collected: 07/12/16 00:50
Date Received: 07/12/16 11:30

Lab Sample ID: 720-73308-15
Matrix: Water

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			07/13/16 10:49	1
Acetone	ND		50		ug/L			07/13/16 10:49	1
Benzene	ND		0.50		ug/L			07/13/16 10:49	1
Dichlorobromomethane	ND		0.50		ug/L			07/13/16 10:49	1
Bromobenzene	ND		1.0		ug/L			07/13/16 10:49	1
Chlorobromomethane	ND		1.0		ug/L			07/13/16 10:49	1
Bromoform	ND		1.0		ug/L			07/13/16 10:49	1
Bromomethane	ND		1.0		ug/L			07/13/16 10:49	1
2-Butanone (MEK)	ND		50		ug/L			07/13/16 10:49	1
n-Butylbenzene	ND		1.0		ug/L			07/13/16 10:49	1
sec-Butylbenzene	ND		1.0		ug/L			07/13/16 10:49	1
tert-Butylbenzene	ND		1.0		ug/L			07/13/16 10:49	1
Carbon disulfide	ND		5.0		ug/L			07/13/16 10:49	1
Carbon tetrachloride	ND		0.50		ug/L			07/13/16 10:49	1
Chlorobenzene	ND		0.50		ug/L			07/13/16 10:49	1
Chloroethane	ND		1.0		ug/L			07/13/16 10:49	1
Chloroform	ND		1.0		ug/L			07/13/16 10:49	1
Chloromethane	ND		1.0		ug/L			07/13/16 10:49	1
2-Chlorotoluene	ND		0.50		ug/L			07/13/16 10:49	1
4-Chlorotoluene	ND		0.50		ug/L			07/13/16 10:49	1
Chlorodibromomethane	ND		0.50		ug/L			07/13/16 10:49	1
1,2-Dichlorobenzene	ND		0.50		ug/L			07/13/16 10:49	1
1,3-Dichlorobenzene	ND		0.50		ug/L			07/13/16 10:49	1
1,4-Dichlorobenzene	ND		0.50		ug/L			07/13/16 10:49	1
1,3-Dichloropropane	ND		1.0		ug/L			07/13/16 10:49	1
1,1-Dichloropropene	ND		0.50		ug/L			07/13/16 10:49	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			07/13/16 10:49	1
Ethylene Dibromide	ND		0.50		ug/L			07/13/16 10:49	1
Dibromomethane	ND		0.50		ug/L			07/13/16 10:49	1
Dichlorodifluoromethane	ND		0.50		ug/L			07/13/16 10:49	1
1,1-Dichloroethane	ND		0.50		ug/L			07/13/16 10:49	1
1,2-Dichloroethane	ND		0.50		ug/L			07/13/16 10:49	1
1,1-Dichloroethene	ND		0.50		ug/L			07/13/16 10:49	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			07/13/16 10:49	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			07/13/16 10:49	1
1,2-Dichloropropane	ND		0.50		ug/L			07/13/16 10:49	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			07/13/16 10:49	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			07/13/16 10:49	1
Ethylbenzene	ND		0.50		ug/L			07/13/16 10:49	1
Hexachlorobutadiene	ND		1.0		ug/L			07/13/16 10:49	1
2-Hexanone	ND		50		ug/L			07/13/16 10:49	1
Isopropylbenzene	ND		0.50		ug/L			07/13/16 10:49	1
4-Isopropyltoluene	ND		1.0		ug/L			07/13/16 10:49	1
Methylene Chloride	ND		5.0		ug/L			07/13/16 10:49	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/13/16 10:49	1
Naphthalene	ND		1.0		ug/L			07/13/16 10:49	1
N-Propylbenzene	ND		1.0		ug/L			07/13/16 10:49	1
Styrene	ND		0.50		ug/L			07/13/16 10:49	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			07/13/16 10:49	1

TestAmerica Pleasanton

Client Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

Client Sample ID: SB-4

Lab Sample ID: 720-73308-15

Date Collected: 07/12/16 00:50

Matrix: Water

Date Received: 07/12/16 11:30

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			07/13/16 10:49	1
Tetrachloroethene	2.4		0.50		ug/L			07/13/16 10:49	1
Toluene	ND		0.50		ug/L			07/13/16 10:49	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			07/13/16 10:49	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			07/13/16 10:49	1
1,1,1-Trichloroethane	ND		0.50		ug/L			07/13/16 10:49	1
1,1,2-Trichloroethane	ND		0.50		ug/L			07/13/16 10:49	1
Trichloroethene	ND		0.50		ug/L			07/13/16 10:49	1
Trichlorofluoromethane	ND		1.0		ug/L			07/13/16 10:49	1
1,2,3-Trichloropropane	ND		0.50		ug/L			07/13/16 10:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			07/13/16 10:49	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			07/13/16 10:49	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			07/13/16 10:49	1
Vinyl acetate	ND		10		ug/L			07/13/16 10:49	1
Vinyl chloride	ND		0.50		ug/L			07/13/16 10:49	1
Xylenes, Total	ND		1.0		ug/L			07/13/16 10:49	1
2,2-Dichloropropane	ND		0.50		ug/L			07/13/16 10:49	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			07/13/16 10:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	90		67 - 130		07/13/16 10:49	1
1,2-Dichloroethane-d4 (Surr)	103		72 - 130		07/13/16 10:49	1
Toluene-d8 (Surr)	94		70 - 130		07/13/16 10:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		51		ug/L		07/13/16 09:59	07/13/16 20:17	1
Motor Oil Range Organics [C24-C36]	ND		100		ug/L		07/13/16 09:59	07/13/16 20:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
p-Terphenyl	89		23 - 156		07/13/16 09:59	07/13/16 20:17

Method: 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.010		mg/L		07/13/16 14:34	07/14/16 11:56	1
Arsenic	ND		0.010		mg/L		07/13/16 14:34	07/14/16 11:56	1
Barium	0.062		0.050		mg/L		07/13/16 14:34	07/14/16 11:56	1
Beryllium	ND		0.0020		mg/L		07/13/16 14:34	07/14/16 11:56	1
Cadmium	ND		0.0020		mg/L		07/13/16 14:34	07/14/16 11:56	1
Chromium	ND		0.010		mg/L		07/13/16 14:34	07/14/16 11:56	1
Cobalt	0.0057		0.0020		mg/L		07/13/16 14:34	07/14/16 11:56	1
Copper	ND		0.020		mg/L		07/13/16 14:34	07/14/16 11:56	1
Lead	ND		0.0050		mg/L		07/13/16 14:34	07/14/16 11:56	1
Molybdenum	ND		0.010		mg/L		07/13/16 14:34	07/14/16 11:56	1
Nickel	0.038		0.010		mg/L		07/13/16 14:34	07/14/16 11:56	1
Selenium	ND		0.020		mg/L		07/13/16 14:34	07/14/16 11:56	1
Silver	ND		0.0050		mg/L		07/13/16 14:34	07/14/16 11:56	1
Thallium	ND		0.010		mg/L		07/13/16 14:34	07/14/16 11:56	1
Vanadium	ND		0.010		mg/L		07/13/16 14:34	07/14/16 11:56	1
Zinc	ND		0.020		mg/L		07/13/16 14:34	07/14/16 11:56	1

TestAmerica Pleasanton

Client Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00021		0.00020		mg/L		07/13/16 18:08	07/14/16 11:18	1

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

Client Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

Client Sample ID: SB-5-5'

Lab Sample ID: 720-73308-16

Date Collected: 07/12/16 01:30

Matrix: Solid

Date Received: 07/12/16 11:30

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		3.9		ug/Kg		07/12/16 13:12	07/12/16 21:19	1
Acetone	ND		39		ug/Kg		07/12/16 13:12	07/12/16 21:19	1
Benzene	ND		3.9		ug/Kg		07/12/16 13:12	07/12/16 21:19	1
Dichlorobromomethane	ND		3.9		ug/Kg		07/12/16 13:12	07/12/16 21:19	1
Bromobenzene	ND		3.9		ug/Kg		07/12/16 13:12	07/12/16 21:19	1
Chlorobromomethane	ND		16		ug/Kg		07/12/16 13:12	07/12/16 21:19	1
Bromoform	ND		3.9		ug/Kg		07/12/16 13:12	07/12/16 21:19	1
Bromomethane	ND		7.8		ug/Kg		07/12/16 13:12	07/12/16 21:19	1
2-Butanone (MEK)	ND		39		ug/Kg		07/12/16 13:12	07/12/16 21:19	1
n-Butylbenzene	ND		3.9		ug/Kg		07/12/16 13:12	07/12/16 21:19	1
sec-Butylbenzene	ND		3.9		ug/Kg		07/12/16 13:12	07/12/16 21:19	1
tert-Butylbenzene	ND		3.9		ug/Kg		07/12/16 13:12	07/12/16 21:19	1
Carbon disulfide	ND		3.9		ug/Kg		07/12/16 13:12	07/12/16 21:19	1
Carbon tetrachloride	ND		3.9		ug/Kg		07/12/16 13:12	07/12/16 21:19	1
Chlorobenzene	ND		3.9		ug/Kg		07/12/16 13:12	07/12/16 21:19	1
Chloroethane	ND		7.8		ug/Kg		07/12/16 13:12	07/12/16 21:19	1
Chloroform	ND		3.9		ug/Kg		07/12/16 13:12	07/12/16 21:19	1
Chloromethane	ND		7.8		ug/Kg		07/12/16 13:12	07/12/16 21:19	1
2-Chlorotoluene	ND		3.9		ug/Kg		07/12/16 13:12	07/12/16 21:19	1
4-Chlorotoluene	ND		3.9		ug/Kg		07/12/16 13:12	07/12/16 21:19	1
Chlorodibromomethane	ND		3.9		ug/Kg		07/12/16 13:12	07/12/16 21:19	1
1,2-Dichlorobenzene	ND		3.9		ug/Kg		07/12/16 13:12	07/12/16 21:19	1
1,3-Dichlorobenzene	ND		3.9		ug/Kg		07/12/16 13:12	07/12/16 21:19	1
1,4-Dichlorobenzene	ND		3.9		ug/Kg		07/12/16 13:12	07/12/16 21:19	1
1,3-Dichloropropane	ND		3.9		ug/Kg		07/12/16 13:12	07/12/16 21:19	1
1,1-Dichloropropane	ND		3.9		ug/Kg		07/12/16 13:12	07/12/16 21:19	1
1,2-Dibromo-3-Chloropropane	ND		7.8		ug/Kg		07/12/16 13:12	07/12/16 21:19	1
Ethylene Dibromide	ND		3.9		ug/Kg		07/12/16 13:12	07/12/16 21:19	1
Dibromomethane	ND		7.8		ug/Kg		07/12/16 13:12	07/12/16 21:19	1
Dichlorodifluoromethane	ND		7.8		ug/Kg		07/12/16 13:12	07/12/16 21:19	1
1,1-Dichloroethane	ND		3.9		ug/Kg		07/12/16 13:12	07/12/16 21:19	1
1,2-Dichloroethane	ND		3.9		ug/Kg		07/12/16 13:12	07/12/16 21:19	1
1,1-Dichloroethene	ND		3.9		ug/Kg		07/12/16 13:12	07/12/16 21:19	1
cis-1,2-Dichloroethene	ND		3.9		ug/Kg		07/12/16 13:12	07/12/16 21:19	1
trans-1,2-Dichloroethene	ND		3.9		ug/Kg		07/12/16 13:12	07/12/16 21:19	1
1,2-Dichloropropane	ND		3.9		ug/Kg		07/12/16 13:12	07/12/16 21:19	1
cis-1,3-Dichloropropene	ND		3.9		ug/Kg		07/12/16 13:12	07/12/16 21:19	1
trans-1,3-Dichloropropene	ND		3.9		ug/Kg		07/12/16 13:12	07/12/16 21:19	1
Ethylbenzene	ND		3.9		ug/Kg		07/12/16 13:12	07/12/16 21:19	1
Hexachlorobutadiene	ND		3.9		ug/Kg		07/12/16 13:12	07/12/16 21:19	1
2-Hexanone	ND		39		ug/Kg		07/12/16 13:12	07/12/16 21:19	1
Isopropylbenzene	ND		3.9		ug/Kg		07/12/16 13:12	07/12/16 21:19	1
4-Isopropyltoluene	ND		3.9		ug/Kg		07/12/16 13:12	07/12/16 21:19	1
Methylene Chloride	ND		7.8		ug/Kg		07/12/16 13:12	07/12/16 21:19	1
4-Methyl-2-pentanone (MIBK)	ND		39		ug/Kg		07/12/16 13:12	07/12/16 21:19	1
Naphthalene	ND		7.8		ug/Kg		07/12/16 13:12	07/12/16 21:19	1
N-Propylbenzene	ND		3.9		ug/Kg		07/12/16 13:12	07/12/16 21:19	1
Styrene	ND		3.9		ug/Kg		07/12/16 13:12	07/12/16 21:19	1
1,1,1,2-Tetrachloroethane	ND		3.9		ug/Kg		07/12/16 13:12	07/12/16 21:19	1

TestAmerica Pleasanton

Client Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

Client Sample ID: SB-5-5'

Lab Sample ID: 720-73308-16

Date Collected: 07/12/16 01:30

Matrix: Solid

Date Received: 07/12/16 11:30

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		3.9		ug/Kg		07/12/16 13:12	07/12/16 21:19	1
Tetrachloroethene	ND		3.9		ug/Kg		07/12/16 13:12	07/12/16 21:19	1
Toluene	ND		3.9		ug/Kg		07/12/16 13:12	07/12/16 21:19	1
1,2,3-Trichlorobenzene	ND		3.9		ug/Kg		07/12/16 13:12	07/12/16 21:19	1
1,2,4-Trichlorobenzene	ND		3.9		ug/Kg		07/12/16 13:12	07/12/16 21:19	1
1,1,1-Trichloroethane	ND		3.9		ug/Kg		07/12/16 13:12	07/12/16 21:19	1
1,1,2-Trichloroethane	ND		3.9		ug/Kg		07/12/16 13:12	07/12/16 21:19	1
Trichloroethene	ND		3.9		ug/Kg		07/12/16 13:12	07/12/16 21:19	1
Trichlorofluoromethane	ND		3.9		ug/Kg		07/12/16 13:12	07/12/16 21:19	1
1,2,3-Trichloropropane	ND		3.9		ug/Kg		07/12/16 13:12	07/12/16 21:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		3.9		ug/Kg		07/12/16 13:12	07/12/16 21:19	1
1,2,4-Trimethylbenzene	ND		3.9		ug/Kg		07/12/16 13:12	07/12/16 21:19	1
1,3,5-Trimethylbenzene	ND		3.9		ug/Kg		07/12/16 13:12	07/12/16 21:19	1
Vinyl acetate	ND		16		ug/Kg		07/12/16 13:12	07/12/16 21:19	1
Vinyl chloride	ND		3.9		ug/Kg		07/12/16 13:12	07/12/16 21:19	1
Xylenes, Total	ND		7.8		ug/Kg		07/12/16 13:12	07/12/16 21:19	1
2,2-Dichloropropane	ND		3.9		ug/Kg		07/12/16 13:12	07/12/16 21:19	1
Gasoline Range Organics (GRO) -C5-C12	ND		200		ug/Kg		07/12/16 13:12	07/12/16 21:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	88		45 - 131	07/12/16 13:12	07/12/16 21:19	1
1,2-Dichloroethane-d4 (Surr)	105		60 - 140	07/12/16 13:12	07/12/16 21:19	1
Toluene-d8 (Surr)	93		58 - 140	07/12/16 13:12	07/12/16 21:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		0.066		mg/Kg		07/13/16 09:59	07/13/16 21:35	1
Acenaphthylene	ND		0.066		mg/Kg		07/13/16 09:59	07/13/16 21:35	1
Acenaphthene	ND		0.066		mg/Kg		07/13/16 09:59	07/13/16 21:35	1
Fluorene	ND		0.066		mg/Kg		07/13/16 09:59	07/13/16 21:35	1
Phenanthrene	ND		0.066		mg/Kg		07/13/16 09:59	07/13/16 21:35	1
Anthracene	ND		0.066		mg/Kg		07/13/16 09:59	07/13/16 21:35	1
Fluoranthene	ND		0.066		mg/Kg		07/13/16 09:59	07/13/16 21:35	1
Pyrene	ND		0.066		mg/Kg		07/13/16 09:59	07/13/16 21:35	1
Benzo[a]anthracene	ND		0.33		mg/Kg		07/13/16 09:59	07/13/16 21:35	1
Chrysene	ND		0.066		mg/Kg		07/13/16 09:59	07/13/16 21:35	1
Benzo[b]fluoranthene	ND		0.066		mg/Kg		07/13/16 09:59	07/13/16 21:35	1
Benzo[k]fluoranthene	ND		0.066		mg/Kg		07/13/16 09:59	07/13/16 21:35	1
Benzo[a]pyrene	ND		0.066		mg/Kg		07/13/16 09:59	07/13/16 21:35	1
Indeno[1,2,3-cd]pyrene	ND		0.066		mg/Kg		07/13/16 09:59	07/13/16 21:35	1
Benzo[g,h,i]perylene	ND		0.066		mg/Kg		07/13/16 09:59	07/13/16 21:35	1
Dibenz(a,h)anthracene	ND		0.066		mg/Kg		07/13/16 09:59	07/13/16 21:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	82		21 - 98	07/13/16 09:59	07/13/16 21:35	1
2-Fluorobiphenyl	82		30 - 112	07/13/16 09:59	07/13/16 21:35	1
Terphenyl-d14	88		59 - 134	07/13/16 09:59	07/13/16 21:35	1

TestAmerica Pleasanton

Client Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

Client Sample ID: SB-5-5'

Lab Sample ID: 720-73308-16

Date Collected: 07/12/16 01:30

Matrix: Solid

Date Received: 07/12/16 11:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		1.0		mg/Kg		07/13/16 09:57	07/13/16 19:52	1
Motor Oil Range Organics [C24-C36]	ND		50		mg/Kg		07/13/16 09:57	07/13/16 19:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>p-Terphenyl</i>	102		40 - 130				07/13/16 09:57	07/13/16 19:52	1

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		2.0		ug/Kg		07/13/16 11:39	07/14/16 01:02	1
Dieldrin	ND		2.0		ug/Kg		07/13/16 11:39	07/14/16 01:02	1
Endrin aldehyde	ND		2.0		ug/Kg		07/13/16 11:39	07/14/16 01:02	1
Endrin	ND		2.0		ug/Kg		07/13/16 11:39	07/14/16 01:02	1
Endrin ketone	ND		2.0		ug/Kg		07/13/16 11:39	07/14/16 01:02	1
Heptachlor	ND		2.0		ug/Kg		07/13/16 11:39	07/14/16 01:02	1
Heptachlor epoxide	ND		2.0		ug/Kg		07/13/16 11:39	07/14/16 01:02	1
4,4'-DDT	ND		2.0		ug/Kg		07/13/16 11:39	07/14/16 01:02	1
4,4'-DDE	ND		2.0		ug/Kg		07/13/16 11:39	07/14/16 01:02	1
4,4'-DDD	ND		2.0		ug/Kg		07/13/16 11:39	07/14/16 01:02	1
Endosulfan I	ND		2.0		ug/Kg		07/13/16 11:39	07/14/16 01:02	1
Endosulfan II	ND		2.0		ug/Kg		07/13/16 11:39	07/14/16 01:02	1
alpha-BHC	ND		2.0		ug/Kg		07/13/16 11:39	07/14/16 01:02	1
beta-BHC	ND		2.0		ug/Kg		07/13/16 11:39	07/14/16 01:02	1
gamma-BHC (Lindane)	ND		2.0		ug/Kg		07/13/16 11:39	07/14/16 01:02	1
delta-BHC	ND		2.0		ug/Kg		07/13/16 11:39	07/14/16 01:02	1
Endosulfan sulfate	ND		2.0		ug/Kg		07/13/16 11:39	07/14/16 01:02	1
Methoxychlor	ND		2.0		ug/Kg		07/13/16 11:39	07/14/16 01:02	1
Toxaphene	ND		39		ug/Kg		07/13/16 11:39	07/14/16 01:02	1
Chlordane (technical)	ND		39		ug/Kg		07/13/16 11:39	07/14/16 01:02	1
alpha-Chlordane	ND		2.0		ug/Kg		07/13/16 11:39	07/14/16 01:02	1
gamma-Chlordane	ND		2.0		ug/Kg		07/13/16 11:39	07/14/16 01:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>Tetrachloro-m-xylene</i>	78		57 - 122				07/13/16 11:39	07/14/16 01:02	1
<i>DCB Decachlorobiphenyl</i>	97		21 - 136				07/13/16 11:39	07/14/16 01:02	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.5		mg/Kg		07/12/16 19:10	07/13/16 20:27	4
Arsenic	3.4		3.0		mg/Kg		07/12/16 19:10	07/13/16 20:27	4
Barium	59		1.5		mg/Kg		07/12/16 19:10	07/13/16 20:27	4
Beryllium	ND		0.30		mg/Kg		07/12/16 19:10	07/13/16 20:27	4
Cadmium	ND		0.38		mg/Kg		07/12/16 19:10	07/13/16 20:27	4
Chromium	45		1.5		mg/Kg		07/12/16 19:10	07/13/16 20:27	4
Cobalt	7.3		0.60		mg/Kg		07/12/16 19:10	07/13/16 20:27	4
Copper	9.5		4.5		mg/Kg		07/12/16 19:10	07/13/16 20:27	4
Lead	3.2		1.5		mg/Kg		07/12/16 19:10	07/13/16 20:27	4
Molybdenum	ND		1.5		mg/Kg		07/12/16 19:10	07/13/16 20:27	4
Nickel	42		1.5		mg/Kg		07/12/16 19:10	07/13/16 20:27	4
Selenium	ND		3.0		mg/Kg		07/12/16 19:10	07/13/16 20:27	4
Silver	ND		0.75		mg/Kg		07/12/16 19:10	07/13/16 20:27	4

TestAmerica Pleasanton

Client Sample Results

Client: AECOM
 Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

Client Sample ID: SB-5-5'
Date Collected: 07/12/16 01:30
Date Received: 07/12/16 11:30

Lab Sample ID: 720-73308-16
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	ND		1.5		mg/Kg		07/12/16 19:10	07/13/16 20:27	4
Vanadium	32		1.5		mg/Kg		07/12/16 19:10	07/13/16 20:27	4
Zinc	22		4.5		mg/Kg		07/12/16 19:10	07/13/16 20:27	4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.030		0.0086		mg/Kg		07/13/16 17:08	07/14/16 14:32	1



Client Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

Client Sample ID: SB-5-9'

Date Collected: 07/12/16 01:40

Date Received: 07/12/16 11:30

Lab Sample ID: 720-73308-17

Matrix: Solid

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		3.3		ug/Kg		07/12/16 13:12	07/12/16 21:46	1
Acetone	ND		33		ug/Kg		07/12/16 13:12	07/12/16 21:46	1
Benzene	ND		3.3		ug/Kg		07/12/16 13:12	07/12/16 21:46	1
Dichlorobromomethane	ND		3.3		ug/Kg		07/12/16 13:12	07/12/16 21:46	1
Bromobenzene	ND		3.3		ug/Kg		07/12/16 13:12	07/12/16 21:46	1
Chlorobromomethane	ND		13		ug/Kg		07/12/16 13:12	07/12/16 21:46	1
Bromoform	ND		3.3		ug/Kg		07/12/16 13:12	07/12/16 21:46	1
Bromomethane	ND		6.5		ug/Kg		07/12/16 13:12	07/12/16 21:46	1
2-Butanone (MEK)	ND		33		ug/Kg		07/12/16 13:12	07/12/16 21:46	1
n-Butylbenzene	ND		3.3		ug/Kg		07/12/16 13:12	07/12/16 21:46	1
sec-Butylbenzene	ND		3.3		ug/Kg		07/12/16 13:12	07/12/16 21:46	1
tert-Butylbenzene	ND		3.3		ug/Kg		07/12/16 13:12	07/12/16 21:46	1
Carbon disulfide	ND		3.3		ug/Kg		07/12/16 13:12	07/12/16 21:46	1
Carbon tetrachloride	ND		3.3		ug/Kg		07/12/16 13:12	07/12/16 21:46	1
Chlorobenzene	ND		3.3		ug/Kg		07/12/16 13:12	07/12/16 21:46	1
Chloroethane	ND		6.5		ug/Kg		07/12/16 13:12	07/12/16 21:46	1
Chloroform	ND		3.3		ug/Kg		07/12/16 13:12	07/12/16 21:46	1
Chloromethane	ND		6.5		ug/Kg		07/12/16 13:12	07/12/16 21:46	1
2-Chlorotoluene	ND		3.3		ug/Kg		07/12/16 13:12	07/12/16 21:46	1
4-Chlorotoluene	ND		3.3		ug/Kg		07/12/16 13:12	07/12/16 21:46	1
Chlorodibromomethane	ND		3.3		ug/Kg		07/12/16 13:12	07/12/16 21:46	1
1,2-Dichlorobenzene	ND		3.3		ug/Kg		07/12/16 13:12	07/12/16 21:46	1
1,3-Dichlorobenzene	ND		3.3		ug/Kg		07/12/16 13:12	07/12/16 21:46	1
1,4-Dichlorobenzene	ND		3.3		ug/Kg		07/12/16 13:12	07/12/16 21:46	1
1,3-Dichloropropane	ND		3.3		ug/Kg		07/12/16 13:12	07/12/16 21:46	1
1,1-Dichloropropane	ND		3.3		ug/Kg		07/12/16 13:12	07/12/16 21:46	1
1,2-Dibromo-3-Chloropropane	ND		6.5		ug/Kg		07/12/16 13:12	07/12/16 21:46	1
Ethylene Dibromide	ND		3.3		ug/Kg		07/12/16 13:12	07/12/16 21:46	1
Dibromomethane	ND		6.5		ug/Kg		07/12/16 13:12	07/12/16 21:46	1
Dichlorodifluoromethane	ND		6.5		ug/Kg		07/12/16 13:12	07/12/16 21:46	1
1,1-Dichloroethane	ND		3.3		ug/Kg		07/12/16 13:12	07/12/16 21:46	1
1,2-Dichloroethane	ND		3.3		ug/Kg		07/12/16 13:12	07/12/16 21:46	1
1,1-Dichloroethene	ND		3.3		ug/Kg		07/12/16 13:12	07/12/16 21:46	1
cis-1,2-Dichloroethene	ND		3.3		ug/Kg		07/12/16 13:12	07/12/16 21:46	1
trans-1,2-Dichloroethene	ND		3.3		ug/Kg		07/12/16 13:12	07/12/16 21:46	1
1,2-Dichloropropane	ND		3.3		ug/Kg		07/12/16 13:12	07/12/16 21:46	1
cis-1,3-Dichloropropene	ND		3.3		ug/Kg		07/12/16 13:12	07/12/16 21:46	1
trans-1,3-Dichloropropene	ND		3.3		ug/Kg		07/12/16 13:12	07/12/16 21:46	1
Ethylbenzene	ND		3.3		ug/Kg		07/12/16 13:12	07/12/16 21:46	1
Hexachlorobutadiene	ND		3.3		ug/Kg		07/12/16 13:12	07/12/16 21:46	1
2-Hexanone	ND		33		ug/Kg		07/12/16 13:12	07/12/16 21:46	1
Isopropylbenzene	ND		3.3		ug/Kg		07/12/16 13:12	07/12/16 21:46	1
4-Isopropyltoluene	ND		3.3		ug/Kg		07/12/16 13:12	07/12/16 21:46	1
Methylene Chloride	ND		6.5		ug/Kg		07/12/16 13:12	07/12/16 21:46	1
4-Methyl-2-pentanone (MIBK)	ND		33		ug/Kg		07/12/16 13:12	07/12/16 21:46	1
Naphthalene	ND		6.5		ug/Kg		07/12/16 13:12	07/12/16 21:46	1
N-Propylbenzene	ND		3.3		ug/Kg		07/12/16 13:12	07/12/16 21:46	1
Styrene	ND		3.3		ug/Kg		07/12/16 13:12	07/12/16 21:46	1
1,1,1,2-Tetrachloroethane	ND		3.3		ug/Kg		07/12/16 13:12	07/12/16 21:46	1

TestAmerica Pleasanton

Client Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

Client Sample ID: SB-5-9'

Lab Sample ID: 720-73308-17

Date Collected: 07/12/16 01:40

Matrix: Solid

Date Received: 07/12/16 11:30

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		3.3		ug/Kg		07/12/16 13:12	07/12/16 21:46	1
Tetrachloroethene	ND		3.3		ug/Kg		07/12/16 13:12	07/12/16 21:46	1
Toluene	ND		3.3		ug/Kg		07/12/16 13:12	07/12/16 21:46	1
1,2,3-Trichlorobenzene	ND		3.3		ug/Kg		07/12/16 13:12	07/12/16 21:46	1
1,2,4-Trichlorobenzene	ND		3.3		ug/Kg		07/12/16 13:12	07/12/16 21:46	1
1,1,1-Trichloroethane	ND		3.3		ug/Kg		07/12/16 13:12	07/12/16 21:46	1
1,1,2-Trichloroethane	ND		3.3		ug/Kg		07/12/16 13:12	07/12/16 21:46	1
Trichloroethene	ND		3.3		ug/Kg		07/12/16 13:12	07/12/16 21:46	1
Trichlorofluoromethane	ND		3.3		ug/Kg		07/12/16 13:12	07/12/16 21:46	1
1,2,3-Trichloropropane	ND		3.3		ug/Kg		07/12/16 13:12	07/12/16 21:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		3.3		ug/Kg		07/12/16 13:12	07/12/16 21:46	1
1,2,4-Trimethylbenzene	ND		3.3		ug/Kg		07/12/16 13:12	07/12/16 21:46	1
1,3,5-Trimethylbenzene	ND		3.3		ug/Kg		07/12/16 13:12	07/12/16 21:46	1
Vinyl acetate	ND		13		ug/Kg		07/12/16 13:12	07/12/16 21:46	1
Vinyl chloride	ND		3.3		ug/Kg		07/12/16 13:12	07/12/16 21:46	1
Xylenes, Total	ND		6.5		ug/Kg		07/12/16 13:12	07/12/16 21:46	1
2,2-Dichloropropane	ND		3.3		ug/Kg		07/12/16 13:12	07/12/16 21:46	1
Gasoline Range Organics (GRO) -C5-C12	ND		160		ug/Kg		07/12/16 13:12	07/12/16 21:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	90		45 - 131	07/12/16 13:12	07/12/16 21:46	1
1,2-Dichloroethane-d4 (Surr)	115		60 - 140	07/12/16 13:12	07/12/16 21:46	1
Toluene-d8 (Surr)	93		58 - 140	07/12/16 13:12	07/12/16 21:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		0.99		mg/Kg		07/13/16 09:57	07/13/16 20:17	1
Motor Oil Range Organics [C24-C36]	ND		49		mg/Kg		07/13/16 09:57	07/13/16 20:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
p-Terphenyl	98		40 - 130	07/13/16 09:57	07/13/16 20:17	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.1		mg/Kg		07/12/16 19:28	07/13/16 20:36	4
Arsenic	2.9		2.3		mg/Kg		07/12/16 19:28	07/13/16 20:36	4
Barium	98		1.1		mg/Kg		07/12/16 19:28	07/13/16 20:36	4
Beryllium	0.24		0.23		mg/Kg		07/12/16 19:28	07/13/16 20:36	4
Cadmium	ND		0.28		mg/Kg		07/12/16 19:28	07/13/16 20:36	4
Chromium	60		1.1		mg/Kg		07/12/16 19:28	07/13/16 20:36	4
Cobalt	7.1		0.45		mg/Kg		07/12/16 19:28	07/13/16 20:36	4
Copper	13		3.4		mg/Kg		07/12/16 19:28	07/13/16 20:36	4
Lead	3.5		1.1		mg/Kg		07/12/16 19:28	07/13/16 20:36	4
Molybdenum	ND		1.1		mg/Kg		07/12/16 19:28	07/13/16 20:36	4
Nickel	42		1.1		mg/Kg		07/12/16 19:28	07/13/16 20:36	4
Selenium	ND		2.3		mg/Kg		07/12/16 19:28	07/13/16 20:36	4
Silver	ND		0.57		mg/Kg		07/12/16 19:28	07/13/16 20:36	4
Thallium	ND		1.1		mg/Kg		07/12/16 19:28	07/13/16 20:36	4
Vanadium	38		1.1		mg/Kg		07/12/16 19:28	07/13/16 20:36	4
Zinc	30		3.4		mg/Kg		07/12/16 19:28	07/13/16 20:36	4

TestAmerica Pleasanton

Client Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.048		0.0085		mg/Kg		07/13/16 17:08	07/14/16 14:36	1

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

Client Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

Client Sample ID: SB-5-14'
Date Collected: 07/12/16 01:50
Date Received: 07/12/16 11:30

Lab Sample ID: 720-73308-18
Matrix: Solid

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		3.6		ug/Kg		07/12/16 13:12	07/12/16 22:14	1
Acetone	ND		36		ug/Kg		07/12/16 13:12	07/12/16 22:14	1
Benzene	ND		3.6		ug/Kg		07/12/16 13:12	07/12/16 22:14	1
Dichlorobromomethane	ND		3.6		ug/Kg		07/12/16 13:12	07/12/16 22:14	1
Bromobenzene	ND		3.6		ug/Kg		07/12/16 13:12	07/12/16 22:14	1
Chlorobromomethane	ND		15		ug/Kg		07/12/16 13:12	07/12/16 22:14	1
Bromoform	ND		3.6		ug/Kg		07/12/16 13:12	07/12/16 22:14	1
Bromomethane	ND		7.3		ug/Kg		07/12/16 13:12	07/12/16 22:14	1
2-Butanone (MEK)	ND		36		ug/Kg		07/12/16 13:12	07/12/16 22:14	1
n-Butylbenzene	ND		3.6		ug/Kg		07/12/16 13:12	07/12/16 22:14	1
sec-Butylbenzene	ND		3.6		ug/Kg		07/12/16 13:12	07/12/16 22:14	1
tert-Butylbenzene	ND		3.6		ug/Kg		07/12/16 13:12	07/12/16 22:14	1
Carbon disulfide	ND		3.6		ug/Kg		07/12/16 13:12	07/12/16 22:14	1
Carbon tetrachloride	ND		3.6		ug/Kg		07/12/16 13:12	07/12/16 22:14	1
Chlorobenzene	ND		3.6		ug/Kg		07/12/16 13:12	07/12/16 22:14	1
Chloroethane	ND		7.3		ug/Kg		07/12/16 13:12	07/12/16 22:14	1
Chloroform	ND		3.6		ug/Kg		07/12/16 13:12	07/12/16 22:14	1
Chloromethane	ND		7.3		ug/Kg		07/12/16 13:12	07/12/16 22:14	1
2-Chlorotoluene	ND		3.6		ug/Kg		07/12/16 13:12	07/12/16 22:14	1
4-Chlorotoluene	ND		3.6		ug/Kg		07/12/16 13:12	07/12/16 22:14	1
Chlorodibromomethane	ND		3.6		ug/Kg		07/12/16 13:12	07/12/16 22:14	1
1,2-Dichlorobenzene	ND		3.6		ug/Kg		07/12/16 13:12	07/12/16 22:14	1
1,3-Dichlorobenzene	ND		3.6		ug/Kg		07/12/16 13:12	07/12/16 22:14	1
1,4-Dichlorobenzene	ND		3.6		ug/Kg		07/12/16 13:12	07/12/16 22:14	1
1,3-Dichloropropane	ND		3.6		ug/Kg		07/12/16 13:12	07/12/16 22:14	1
1,1-Dichloropropene	ND		3.6		ug/Kg		07/12/16 13:12	07/12/16 22:14	1
1,2-Dibromo-3-Chloropropane	ND		7.3		ug/Kg		07/12/16 13:12	07/12/16 22:14	1
Ethylene Dibromide	ND		3.6		ug/Kg		07/12/16 13:12	07/12/16 22:14	1
Dibromomethane	ND		7.3		ug/Kg		07/12/16 13:12	07/12/16 22:14	1
Dichlorodifluoromethane	ND		7.3		ug/Kg		07/12/16 13:12	07/12/16 22:14	1
1,1-Dichloroethane	ND		3.6		ug/Kg		07/12/16 13:12	07/12/16 22:14	1
1,2-Dichloroethane	ND		3.6		ug/Kg		07/12/16 13:12	07/12/16 22:14	1
1,1-Dichloroethene	ND		3.6		ug/Kg		07/12/16 13:12	07/12/16 22:14	1
cis-1,2-Dichloroethene	ND		3.6		ug/Kg		07/12/16 13:12	07/12/16 22:14	1
trans-1,2-Dichloroethene	ND		3.6		ug/Kg		07/12/16 13:12	07/12/16 22:14	1
1,2-Dichloropropane	ND		3.6		ug/Kg		07/12/16 13:12	07/12/16 22:14	1
cis-1,3-Dichloropropene	ND		3.6		ug/Kg		07/12/16 13:12	07/12/16 22:14	1
trans-1,3-Dichloropropene	ND		3.6		ug/Kg		07/12/16 13:12	07/12/16 22:14	1
Ethylbenzene	ND		3.6		ug/Kg		07/12/16 13:12	07/12/16 22:14	1
Hexachlorobutadiene	ND		3.6		ug/Kg		07/12/16 13:12	07/12/16 22:14	1
2-Hexanone	ND		36		ug/Kg		07/12/16 13:12	07/12/16 22:14	1
Isopropylbenzene	ND		3.6		ug/Kg		07/12/16 13:12	07/12/16 22:14	1
4-Isopropyltoluene	ND		3.6		ug/Kg		07/12/16 13:12	07/12/16 22:14	1
Methylene Chloride	ND		7.3		ug/Kg		07/12/16 13:12	07/12/16 22:14	1
4-Methyl-2-pentanone (MIBK)	ND		36		ug/Kg		07/12/16 13:12	07/12/16 22:14	1
Naphthalene	ND		7.3		ug/Kg		07/12/16 13:12	07/12/16 22:14	1
N-Propylbenzene	ND		3.6		ug/Kg		07/12/16 13:12	07/12/16 22:14	1
Styrene	ND		3.6		ug/Kg		07/12/16 13:12	07/12/16 22:14	1
1,1,1,2-Tetrachloroethane	ND		3.6		ug/Kg		07/12/16 13:12	07/12/16 22:14	1

TestAmerica Pleasanton

Client Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

Client Sample ID: SB-5-14'

Lab Sample ID: 720-73308-18

Date Collected: 07/12/16 01:50

Matrix: Solid

Date Received: 07/12/16 11:30

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		3.6		ug/Kg		07/12/16 13:12	07/12/16 22:14	1
Tetrachloroethene	ND		3.6		ug/Kg		07/12/16 13:12	07/12/16 22:14	1
Toluene	ND		3.6		ug/Kg		07/12/16 13:12	07/12/16 22:14	1
1,2,3-Trichlorobenzene	ND		3.6		ug/Kg		07/12/16 13:12	07/12/16 22:14	1
1,2,4-Trichlorobenzene	ND		3.6		ug/Kg		07/12/16 13:12	07/12/16 22:14	1
1,1,1-Trichloroethane	ND		3.6		ug/Kg		07/12/16 13:12	07/12/16 22:14	1
1,1,2-Trichloroethane	ND		3.6		ug/Kg		07/12/16 13:12	07/12/16 22:14	1
Trichloroethene	ND		3.6		ug/Kg		07/12/16 13:12	07/12/16 22:14	1
Trichlorofluoromethane	ND		3.6		ug/Kg		07/12/16 13:12	07/12/16 22:14	1
1,2,3-Trichloropropane	ND		3.6		ug/Kg		07/12/16 13:12	07/12/16 22:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		3.6		ug/Kg		07/12/16 13:12	07/12/16 22:14	1
1,2,4-Trimethylbenzene	ND		3.6		ug/Kg		07/12/16 13:12	07/12/16 22:14	1
1,3,5-Trimethylbenzene	ND		3.6		ug/Kg		07/12/16 13:12	07/12/16 22:14	1
Vinyl acetate	ND		15		ug/Kg		07/12/16 13:12	07/12/16 22:14	1
Vinyl chloride	ND		3.6		ug/Kg		07/12/16 13:12	07/12/16 22:14	1
Xylenes, Total	ND		7.3		ug/Kg		07/12/16 13:12	07/12/16 22:14	1
2,2-Dichloropropane	ND		3.6		ug/Kg		07/12/16 13:12	07/12/16 22:14	1
Gasoline Range Organics (GRO) -C5-C12	ND		180		ug/Kg		07/12/16 13:12	07/12/16 22:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	89		45 - 131	07/12/16 13:12	07/12/16 22:14	1
1,2-Dichloroethane-d4 (Surr)	108		60 - 140	07/12/16 13:12	07/12/16 22:14	1
Toluene-d8 (Surr)	92		58 - 140	07/12/16 13:12	07/12/16 22:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		0.99		mg/Kg		07/13/16 09:57	07/13/16 20:42	1
Motor Oil Range Organics [C24-C36]	ND		50		mg/Kg		07/13/16 09:57	07/13/16 20:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
p-Terphenyl	100		40 - 130	07/13/16 09:57	07/13/16 20:42	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.7		mg/Kg		07/12/16 19:10	07/13/16 20:32	4
Arsenic	ND		3.5		mg/Kg		07/12/16 19:10	07/13/16 20:32	4
Barium	46		1.7		mg/Kg		07/12/16 19:10	07/13/16 20:32	4
Beryllium	ND		0.35		mg/Kg		07/12/16 19:10	07/13/16 20:32	4
Cadmium	ND		0.43		mg/Kg		07/12/16 19:10	07/13/16 20:32	4
Chromium	48		1.7		mg/Kg		07/12/16 19:10	07/13/16 20:32	4
Cobalt	5.2		0.70		mg/Kg		07/12/16 19:10	07/13/16 20:32	4
Copper	ND		5.2		mg/Kg		07/12/16 19:10	07/13/16 20:32	4
Lead	1.7		1.7		mg/Kg		07/12/16 19:10	07/13/16 20:32	4
Molybdenum	ND		1.7		mg/Kg		07/12/16 19:10	07/13/16 20:32	4
Nickel	36		1.7		mg/Kg		07/12/16 19:10	07/13/16 20:32	4
Selenium	ND		3.5		mg/Kg		07/12/16 19:10	07/13/16 20:32	4
Silver	ND		0.87		mg/Kg		07/12/16 19:10	07/13/16 20:32	4
Thallium	ND		1.7		mg/Kg		07/12/16 19:10	07/13/16 20:32	4
Vanadium	30		1.7		mg/Kg		07/12/16 19:10	07/13/16 20:32	4
Zinc	18		5.2		mg/Kg		07/12/16 19:10	07/13/16 20:32	4

TestAmerica Pleasanton

Client Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.022		0.010		mg/Kg		07/13/16 17:08	07/14/16 14:39	1

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

Client Sample Results

Client: AECOM
 Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

Client Sample ID: TB
Date Collected: 07/12/16 00:00
Date Received: 07/12/16 11:30

Lab Sample ID: 720-73308-19
Matrix: Water

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			07/12/16 20:04	1
Acetone	ND		50		ug/L			07/12/16 20:04	1
Benzene	ND		0.50		ug/L			07/12/16 20:04	1
Dichlorobromomethane	ND		0.50		ug/L			07/12/16 20:04	1
Bromobenzene	ND		1.0		ug/L			07/12/16 20:04	1
Chlorobromomethane	ND		1.0		ug/L			07/12/16 20:04	1
Bromoform	ND		1.0		ug/L			07/12/16 20:04	1
Bromomethane	ND		1.0		ug/L			07/12/16 20:04	1
2-Butanone (MEK)	ND		50		ug/L			07/12/16 20:04	1
n-Butylbenzene	ND		1.0		ug/L			07/12/16 20:04	1
sec-Butylbenzene	ND		1.0		ug/L			07/12/16 20:04	1
tert-Butylbenzene	ND		1.0		ug/L			07/12/16 20:04	1
Carbon disulfide	ND		5.0		ug/L			07/12/16 20:04	1
Carbon tetrachloride	ND		0.50		ug/L			07/12/16 20:04	1
Chlorobenzene	ND		0.50		ug/L			07/12/16 20:04	1
Chloroethane	ND		1.0		ug/L			07/12/16 20:04	1
Chloroform	ND		1.0		ug/L			07/12/16 20:04	1
Chloromethane	ND		1.0		ug/L			07/12/16 20:04	1
2-Chlorotoluene	ND		0.50		ug/L			07/12/16 20:04	1
4-Chlorotoluene	ND		0.50		ug/L			07/12/16 20:04	1
Chlorodibromomethane	ND		0.50		ug/L			07/12/16 20:04	1
1,2-Dichlorobenzene	ND		0.50		ug/L			07/12/16 20:04	1
1,3-Dichlorobenzene	ND		0.50		ug/L			07/12/16 20:04	1
1,4-Dichlorobenzene	ND		0.50		ug/L			07/12/16 20:04	1
1,3-Dichloropropane	ND		1.0		ug/L			07/12/16 20:04	1
1,1-Dichloropropene	ND		0.50		ug/L			07/12/16 20:04	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			07/12/16 20:04	1
Ethylene Dibromide	ND		0.50		ug/L			07/12/16 20:04	1
Dibromomethane	ND		0.50		ug/L			07/12/16 20:04	1
Dichlorodifluoromethane	ND		0.50		ug/L			07/12/16 20:04	1
1,1-Dichloroethane	ND		0.50		ug/L			07/12/16 20:04	1
1,2-Dichloroethane	ND		0.50		ug/L			07/12/16 20:04	1
1,1-Dichloroethene	ND		0.50		ug/L			07/12/16 20:04	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			07/12/16 20:04	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			07/12/16 20:04	1
1,2-Dichloropropane	ND		0.50		ug/L			07/12/16 20:04	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			07/12/16 20:04	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			07/12/16 20:04	1
Ethylbenzene	ND		0.50		ug/L			07/12/16 20:04	1
Hexachlorobutadiene	ND		1.0		ug/L			07/12/16 20:04	1
2-Hexanone	ND		50		ug/L			07/12/16 20:04	1
Isopropylbenzene	ND		0.50		ug/L			07/12/16 20:04	1
4-Isopropyltoluene	ND		1.0		ug/L			07/12/16 20:04	1
Methylene Chloride	ND		5.0		ug/L			07/12/16 20:04	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/12/16 20:04	1
Naphthalene	ND		1.0		ug/L			07/12/16 20:04	1
N-Propylbenzene	ND		1.0		ug/L			07/12/16 20:04	1
Styrene	ND		0.50		ug/L			07/12/16 20:04	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			07/12/16 20:04	1

TestAmerica Pleasanton

Client Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

Client Sample ID: TB

Lab Sample ID: 720-73308-19

Date Collected: 07/12/16 00:00

Matrix: Water

Date Received: 07/12/16 11:30

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			07/12/16 20:04	1
Tetrachloroethene	ND		0.50		ug/L			07/12/16 20:04	1
Toluene	ND		0.50		ug/L			07/12/16 20:04	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			07/12/16 20:04	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			07/12/16 20:04	1
1,1,1-Trichloroethane	ND		0.50		ug/L			07/12/16 20:04	1
1,1,2-Trichloroethane	ND		0.50		ug/L			07/12/16 20:04	1
Trichloroethene	ND		0.50		ug/L			07/12/16 20:04	1
Trichlorofluoromethane	ND		1.0		ug/L			07/12/16 20:04	1
1,2,3-Trichloropropane	ND		0.50		ug/L			07/12/16 20:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			07/12/16 20:04	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			07/12/16 20:04	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			07/12/16 20:04	1
Vinyl acetate	ND		10		ug/L			07/12/16 20:04	1
Vinyl chloride	ND		0.50		ug/L			07/12/16 20:04	1
Xylenes, Total	ND		1.0		ug/L			07/12/16 20:04	1
2,2-Dichloropropane	ND		0.50		ug/L			07/12/16 20:04	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			07/12/16 20:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	91		67 - 130					07/12/16 20:04	1
1,2-Dichloroethane-d4 (Surr)	101		72 - 130					07/12/16 20:04	1
Toluene-d8 (Surr)	96		70 - 130					07/12/16 20:04	1

Surrogate Summary

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		BFB (45-131)	12DCE (60-140)	TOL (58-140)
720-73308-1	SB-2-4'	95	92	96
720-73308-2	SB-2-10'	95	91	96
720-73308-3	SB-2-15'	94	96	96
720-73308-5	SB-8-1'	81	99	93
720-73308-6	SB-8-8'	91	103	95
720-73308-7	SB-8-13'	94	101	93
720-73308-8	SB-9-2'	88	99	93
720-73308-9	SB-9-6'	92	100	93
720-73308-10	SB-9-14'	95	93	95
720-73308-12	SB-4-3'	90	107	94
720-73308-13	SB-4-10'	90	106	94
720-73308-14	SB-4-15'	90	109	94
720-73308-16	SB-5-5'	88	105	93
720-73308-17	SB-5-9'	90	115	93
720-73308-18	SB-5-14'	89	108	92
LCS 720-205754/5	Lab Control Sample	101	83	101
LCS 720-205754/7	Lab Control Sample	105	89	100
LCS 720-205802/5	Lab Control Sample	97	108	97
LCS 720-205802/7	Lab Control Sample	94	105	95
LCSD 720-205754/6	Lab Control Sample Dup	102	85	101
LCSD 720-205754/8	Lab Control Sample Dup	102	86	100
LCSD 720-205802/6	Lab Control Sample Dup	97	106	95
LCSD 720-205802/8	Lab Control Sample Dup	94	102	96
MB 720-205754/4	Method Blank	102	87	99
MB 720-205802/4	Method Blank	91	102	94

Surrogate Legend

- BFB = 4-Bromofluorobenzene
- 12DCE = 1,2-Dichloroethane-d4 (Surr)
- TOL = Toluene-d8 (Surr)

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		BFB (67-130)	12DCE (72-130)	TOL (70-130)
720-73308-4	SB-2	104	112	98
720-73308-11	SB-9	103	112	98
720-73308-15	SB-4	90	103	94
720-73308-19	TB	91	101	96
LCS 720-205753/5	Lab Control Sample	101	107	99
LCS 720-205753/7	Lab Control Sample	106	109	101
LCS 720-205801/5	Lab Control Sample	95	96	98
LCS 720-205801/7	Lab Control Sample	96	98	97
LCS 720-205827/5	Lab Control Sample	96	101	96
LCS 720-205827/7	Lab Control Sample	95	108	96
LCSD 720-205753/6	Lab Control Sample Dup	102	103	101
LCSD 720-205753/8	Lab Control Sample Dup	103	108	101

TestAmerica Pleasanton

Surrogate Summary

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		BFB (67-130)	12DCE (72-130)	TOL (70-130)
LCSD 720-205801/6	Lab Control Sample Dup	95	96	97
LCSD 720-205801/8	Lab Control Sample Dup	94	98	98
LCSD 720-205827/6	Lab Control Sample Dup	98	105	96
LCSD 720-205827/8	Lab Control Sample Dup	96	106	96
MB 720-205753/4	Method Blank	106	109	99
MB 720-205801/4	Method Blank	91	98	96
MB 720-205827/4	Method Blank	91	103	94

Surrogate Legend

BFB = 4-Bromofluorobenzene
12DCE = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		NBZ (21-98)	FBP (30-112)	TPH (59-134)
720-73308-2	SB-2-10'	85	86	89
720-73308-5	SB-8-1'	82	83	89
720-73308-5 MS	SB-8-1'	68	71	79
720-73308-5 MSD	SB-8-1'	72	73	81
720-73308-10	SB-9-14'	87	88	88
720-73308-13	SB-4-10'	83	84	89
720-73308-16	SB-5-5'	82	82	88
LCS 720-205845/2-A	Lab Control Sample	79	78	91
MB 720-205845/1-A	Method Blank	92	91	92

Surrogate Legend

NBZ = Nitrobenzene-d5
FBP = 2-Fluorobiphenyl
TPH = Terphenyl-d14

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)
		PTP1 (40-130)
720-73308-1	SB-2-4'	96
720-73308-2	SB-2-10'	101
720-73308-3	SB-2-15'	100
720-73308-5	SB-8-1'	91
720-73308-6	SB-8-8'	102
720-73308-7	SB-8-13'	100
720-73308-8	SB-9-2'	98
720-73308-9	SB-9-6'	88
720-73308-10	SB-9-14'	89
720-73308-12	SB-4-3'	100

TestAmerica Pleasanton

Surrogate Summary

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

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

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	PTP1 (40-130)
720-73308-12 MS	SB-4-3'	97
720-73308-12 MSD	SB-4-3'	94
720-73308-13	SB-4-10'	99
720-73308-14	SB-4-15'	82
720-73308-16	SB-5-5'	102
720-73308-17	SB-5-9'	98
720-73308-18	SB-5-14'	100
LCS 720-205842/2-A	Lab Control Sample	105
MB 720-205842/1-A	Method Blank	107

Surrogate Legend

PTP = p-Terphenyl

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

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	PTP1 (23-156)
720-73308-4	SB-2	83
720-73308-11	SB-9	90
720-73308-15	SB-4	89
LCS 720-205844/2-A	Lab Control Sample	110
LCSD 720-205844/3-A	Lab Control Sample Dup	96
MB 720-205844/1-A	Method Blank	106

Surrogate Legend

PTP = p-Terphenyl

Method: 8081A - Organochlorine Pesticides (GC)

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TCX1 (57-122)	DCB1 (21-136)
720-73308-1	SB-2-4'	91	103
720-73308-5	SB-8-1'	85	110
720-73308-8	SB-9-2'	88	102
720-73308-8 MS	SB-9-2'	87	96
720-73308-8 MSD	SB-9-2'	82	92
720-73308-12	SB-4-3'	92	107
720-73308-16	SB-5-5'	78	97
LCS 720-205856/2-A	Lab Control Sample	90	97
MB 720-205856/1-A	Method Blank	91	100

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCB = DCB Decachlorobiphenyl

TestAmerica Pleasanton

Surrogate Summary

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

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

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TCX1 (45-132)	DCB1 (42-146)
720-73308-3	SB-2-15'	85	69
720-73308-6	SB-8-8'	87	73
720-73308-10	SB-9-14'	88	82
LCS 720-205871/2-A	Lab Control Sample	95	70
MB 720-205871/1-A	Method Blank	96	67

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCB = DCB Decachlorobiphenyl

QC Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Lab Sample ID: MB 720-205753/4
Matrix: Water
Analysis Batch: 205753

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			07/12/16 08:29	1
Acetone	ND		50		ug/L			07/12/16 08:29	1
Benzene	ND		0.50		ug/L			07/12/16 08:29	1
Dichlorobromomethane	ND		0.50		ug/L			07/12/16 08:29	1
Bromobenzene	ND		1.0		ug/L			07/12/16 08:29	1
Chlorobromomethane	ND		1.0		ug/L			07/12/16 08:29	1
Bromoform	ND		1.0		ug/L			07/12/16 08:29	1
Bromomethane	ND		1.0		ug/L			07/12/16 08:29	1
2-Butanone (MEK)	ND		50		ug/L			07/12/16 08:29	1
n-Butylbenzene	ND		1.0		ug/L			07/12/16 08:29	1
sec-Butylbenzene	ND		1.0		ug/L			07/12/16 08:29	1
tert-Butylbenzene	ND		1.0		ug/L			07/12/16 08:29	1
Carbon disulfide	ND		5.0		ug/L			07/12/16 08:29	1
Carbon tetrachloride	ND		0.50		ug/L			07/12/16 08:29	1
Chlorobenzene	ND		0.50		ug/L			07/12/16 08:29	1
Chloroethane	ND		1.0		ug/L			07/12/16 08:29	1
Chloroform	ND		1.0		ug/L			07/12/16 08:29	1
Chloromethane	ND		1.0		ug/L			07/12/16 08:29	1
2-Chlorotoluene	ND		0.50		ug/L			07/12/16 08:29	1
4-Chlorotoluene	ND		0.50		ug/L			07/12/16 08:29	1
Chlorodibromomethane	ND		0.50		ug/L			07/12/16 08:29	1
1,2-Dichlorobenzene	ND		0.50		ug/L			07/12/16 08:29	1
1,3-Dichlorobenzene	ND		0.50		ug/L			07/12/16 08:29	1
1,4-Dichlorobenzene	ND		0.50		ug/L			07/12/16 08:29	1
1,3-Dichloropropane	ND		1.0		ug/L			07/12/16 08:29	1
1,1-Dichloropropene	ND		0.50		ug/L			07/12/16 08:29	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			07/12/16 08:29	1
Ethylene Dibromide	ND		0.50		ug/L			07/12/16 08:29	1
Dibromomethane	ND		0.50		ug/L			07/12/16 08:29	1
Dichlorodifluoromethane	ND		0.50		ug/L			07/12/16 08:29	1
1,1-Dichloroethane	ND		0.50		ug/L			07/12/16 08:29	1
1,2-Dichloroethane	ND		0.50		ug/L			07/12/16 08:29	1
1,1-Dichloroethene	ND		0.50		ug/L			07/12/16 08:29	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			07/12/16 08:29	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			07/12/16 08:29	1
1,2-Dichloropropane	ND		0.50		ug/L			07/12/16 08:29	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			07/12/16 08:29	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			07/12/16 08:29	1
Ethylbenzene	ND		0.50		ug/L			07/12/16 08:29	1
Hexachlorobutadiene	ND		1.0		ug/L			07/12/16 08:29	1
2-Hexanone	ND		50		ug/L			07/12/16 08:29	1
Isopropylbenzene	ND		0.50		ug/L			07/12/16 08:29	1
4-Isopropyltoluene	ND		1.0		ug/L			07/12/16 08:29	1
Methylene Chloride	ND		5.0		ug/L			07/12/16 08:29	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/12/16 08:29	1
Naphthalene	ND		1.0		ug/L			07/12/16 08:29	1
N-Propylbenzene	ND		1.0		ug/L			07/12/16 08:29	1
Styrene	ND		0.50		ug/L			07/12/16 08:29	1

TestAmerica Pleasanton

QC Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: MB 720-205753/4
Matrix: Water
Analysis Batch: 205753

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			07/12/16 08:29	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			07/12/16 08:29	1
Tetrachloroethene	ND		0.50		ug/L			07/12/16 08:29	1
Toluene	ND		0.50		ug/L			07/12/16 08:29	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			07/12/16 08:29	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			07/12/16 08:29	1
1,1,1-Trichloroethane	ND		0.50		ug/L			07/12/16 08:29	1
1,1,2-Trichloroethane	ND		0.50		ug/L			07/12/16 08:29	1
Trichloroethene	ND		0.50		ug/L			07/12/16 08:29	1
Trichlorofluoromethane	ND		1.0		ug/L			07/12/16 08:29	1
1,2,3-Trichloropropane	ND		0.50		ug/L			07/12/16 08:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			07/12/16 08:29	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			07/12/16 08:29	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			07/12/16 08:29	1
Vinyl acetate	ND		10		ug/L			07/12/16 08:29	1
Vinyl chloride	ND		0.50		ug/L			07/12/16 08:29	1
Xylenes, Total	ND		1.0		ug/L			07/12/16 08:29	1
2,2-Dichloropropane	ND		0.50		ug/L			07/12/16 08:29	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			07/12/16 08:29	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	106		67 - 130		07/12/16 08:29	1
1,2-Dichloroethane-d4 (Surr)	109		72 - 130		07/12/16 08:29	1
Toluene-d8 (Surr)	99		70 - 130		07/12/16 08:29	1

Lab Sample ID: LCS 720-205753/5
Matrix: Water
Analysis Batch: 205753

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl tert-butyl ether	25.0	27.0		ug/L		108	62 - 130
Acetone	125	95.7		ug/L		77	26 - 180
Benzene	25.0	26.1		ug/L		104	79 - 130
Dichlorobromomethane	25.0	29.4		ug/L		118	70 - 130
Bromobenzene	25.0	25.7		ug/L		103	70 - 130
Chlorobromomethane	25.0	27.4		ug/L		110	70 - 130
Bromoform	25.0	26.0		ug/L		104	68 - 136
Bromomethane	25.0	28.6		ug/L		115	43 - 151
2-Butanone (MEK)	125	105		ug/L		84	54 - 130
n-Butylbenzene	25.0	27.2		ug/L		109	70 - 142
sec-Butylbenzene	25.0	26.3		ug/L		105	70 - 134
tert-Butylbenzene	25.0	26.2		ug/L		105	70 - 135
Carbon disulfide	25.0	26.7		ug/L		107	58 - 130
Carbon tetrachloride	25.0	32.3		ug/L		129	70 - 146
Chlorobenzene	25.0	25.9		ug/L		104	70 - 130
Chloroethane	25.0	26.9		ug/L		107	62 - 138
Chloroform	25.0	28.7		ug/L		115	70 - 130

TestAmerica Pleasanton

QC Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCS 720-205753/5
Matrix: Water
Analysis Batch: 205753

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloromethane	25.0	26.6		ug/L		106	52 - 175
2-Chlorotoluene	25.0	26.1		ug/L		104	70 - 130
4-Chlorotoluene	25.0	26.7		ug/L		107	70 - 130
Chlorodibromomethane	25.0	26.8		ug/L		107	70 - 145
1,2-Dichlorobenzene	25.0	25.2		ug/L		101	70 - 130
1,3-Dichlorobenzene	25.0	25.1		ug/L		101	70 - 130
1,4-Dichlorobenzene	25.0	25.4		ug/L		102	70 - 130
1,3-Dichloropropane	25.0	26.4		ug/L		106	70 - 130
1,1-Dichloropropene	25.0	28.1		ug/L		112	70 - 130
1,2-Dibromo-3-Chloropropane	25.0	24.8		ug/L		99	70 - 136
Ethylene Dibromide	25.0	27.9		ug/L		112	70 - 130
Dibromomethane	25.0	28.5		ug/L		114	70 - 130
Dichlorodifluoromethane	25.0	37.3		ug/L		149	32 - 158
1,1-Dichloroethane	25.0	26.0		ug/L		104	70 - 130
1,2-Dichloroethane	25.0	29.8		ug/L		119	61 - 132
1,1-Dichloroethene	25.0	26.0		ug/L		104	64 - 128
cis-1,2-Dichloroethene	25.0	26.5		ug/L		106	70 - 130
trans-1,2-Dichloroethene	25.0	28.2		ug/L		113	68 - 130
1,2-Dichloropropane	25.0	25.7		ug/L		103	70 - 130
cis-1,3-Dichloropropene	25.0	28.4		ug/L		114	70 - 130
trans-1,3-Dichloropropene	25.0	26.6		ug/L		106	70 - 140
Ethylbenzene	25.0	27.1		ug/L		108	80 - 120
Hexachlorobutadiene	25.0	28.7		ug/L		115	70 - 130
2-Hexanone	125	89.7		ug/L		72	60 - 164
Isopropylbenzene	25.0	27.1		ug/L		109	70 - 130
4-Isopropyltoluene	25.0	26.9		ug/L		107	70 - 130
Methylene Chloride	25.0	24.9		ug/L		100	70 - 147
4-Methyl-2-pentanone (MIBK)	125	89.0		ug/L		71	58 - 130
Naphthalene	25.0	23.9		ug/L		96	50 - 130
N-Propylbenzene	25.0	27.2		ug/L		109	70 - 130
Styrene	25.0	25.8		ug/L		103	70 - 130
1,1,1,2-Tetrachloroethane	25.0	27.3		ug/L		109	70 - 130
1,1,2,2-Tetrachloroethane	25.0	23.1		ug/L		92	70 - 130
Tetrachloroethene	25.0	27.9		ug/L		112	70 - 130
Toluene	25.0	25.0		ug/L		100	78 - 120
1,2,3-Trichlorobenzene	25.0	25.5		ug/L		102	70 - 130
1,2,4-Trichlorobenzene	25.0	26.6		ug/L		106	70 - 130
1,1,1-Trichloroethane	25.0	31.9		ug/L		128	70 - 130
1,1,2-Trichloroethane	25.0	26.5		ug/L		106	70 - 130
Trichloroethene	25.0	27.7		ug/L		111	70 - 130
Trichlorofluoromethane	25.0	31.1		ug/L		124	66 - 132
1,2,3-Trichloropropane	25.0	24.8		ug/L		99	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	29.0		ug/L		116	42 - 162
1,2,4-Trimethylbenzene	25.0	27.0		ug/L		108	70 - 132
1,3,5-Trimethylbenzene	25.0	26.9		ug/L		108	70 - 130
Vinyl acetate	25.0	28.4		ug/L		114	43 - 163
Vinyl chloride	25.0	28.6		ug/L		114	54 - 135

TestAmerica Pleasanton

QC Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCS 720-205753/5
Matrix: Water
Analysis Batch: 205753

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
m-Xylene & p-Xylene	25.0	27.3		ug/L		109	70 - 142
o-Xylene	25.0	26.3		ug/L		105	70 - 130
2,2-Dichloropropane	25.0	33.9		ug/L		136	70 - 140

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	101		67 - 130
1,2-Dichloroethane-d4 (Surr)	107		72 - 130
Toluene-d8 (Surr)	99		70 - 130

Lab Sample ID: LCS 720-205753/7
Matrix: Water
Analysis Batch: 205753

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO) -C5-C12	500	518		ug/L		104	71 - 125

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	106		67 - 130
1,2-Dichloroethane-d4 (Surr)	109		72 - 130
Toluene-d8 (Surr)	101		70 - 130

Lab Sample ID: LCSD 720-205753/6
Matrix: Water
Analysis Batch: 205753

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Methyl tert-butyl ether	25.0	26.9		ug/L		108	62 - 130	1	20
Acetone	125	91.3		ug/L		73	26 - 180	5	30
Benzene	25.0	25.9		ug/L		104	79 - 130	1	20
Dichlorobromomethane	25.0	29.2		ug/L		117	70 - 130	1	20
Bromobenzene	25.0	25.7		ug/L		103	70 - 130	0	20
Chlorobromomethane	25.0	26.6		ug/L		107	70 - 130	3	20
Bromoform	25.0	25.8		ug/L		103	68 - 136	0	20
Bromomethane	25.0	28.7		ug/L		115	43 - 151	0	20
2-Butanone (MEK)	125	99.0		ug/L		79	54 - 130	6	20
n-Butylbenzene	25.0	27.1		ug/L		108	70 - 142	0	20
sec-Butylbenzene	25.0	26.7		ug/L		107	70 - 134	1	20
tert-Butylbenzene	25.0	26.3		ug/L		105	70 - 135	0	20
Carbon disulfide	25.0	26.2		ug/L		105	58 - 130	2	20
Carbon tetrachloride	25.0	31.7		ug/L		127	70 - 146	2	20
Chlorobenzene	25.0	25.9		ug/L		104	70 - 130	0	20
Chloroethane	25.0	27.0		ug/L		108	62 - 138	0	20
Chloroform	25.0	28.4		ug/L		114	70 - 130	1	20
Chloromethane	25.0	26.1		ug/L		104	52 - 175	2	20
2-Chlorotoluene	25.0	26.4		ug/L		106	70 - 130	1	20
4-Chlorotoluene	25.0	26.4		ug/L		105	70 - 130	1	20
Chlorodibromomethane	25.0	26.8		ug/L		107	70 - 145	0	20

TestAmerica Pleasanton

QC Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCSD 720-205753/6

Matrix: Water

Analysis Batch: 205753

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2-Dichlorobenzene	25.0	25.0		ug/L		100	70 - 130	1	20
1,3-Dichlorobenzene	25.0	25.2		ug/L		101	70 - 130	0	20
1,4-Dichlorobenzene	25.0	25.5		ug/L		102	70 - 130	0	20
1,3-Dichloropropane	25.0	26.5		ug/L		106	70 - 130	0	20
1,1-Dichloropropene	25.0	27.5		ug/L		110	70 - 130	2	20
1,2-Dibromo-3-Chloropropane	25.0	24.9		ug/L		99	70 - 136	0	20
Ethylene Dibromide	25.0	27.1		ug/L		108	70 - 130	3	20
Dibromomethane	25.0	28.0		ug/L		112	70 - 130	2	20
Dichlorodifluoromethane	25.0	35.8		ug/L		143	32 - 158	4	20
1,1-Dichloroethane	25.0	25.6		ug/L		102	70 - 130	2	20
1,2-Dichloroethane	25.0	29.1		ug/L		116	61 - 132	2	20
1,1-Dichloroethene	25.0	25.7		ug/L		103	64 - 128	1	20
cis-1,2-Dichloroethene	25.0	26.5		ug/L		106	70 - 130	0	20
trans-1,2-Dichloroethene	25.0	27.8		ug/L		111	68 - 130	1	20
1,2-Dichloropropane	25.0	25.8		ug/L		103	70 - 130	0	20
cis-1,3-Dichloropropene	25.0	28.1		ug/L		112	70 - 130	1	20
trans-1,3-Dichloropropene	25.0	26.3		ug/L		105	70 - 140	1	20
Ethylbenzene	25.0	27.1		ug/L		108	80 - 120	0	20
Hexachlorobutadiene	25.0	28.9		ug/L		116	70 - 130	1	20
2-Hexanone	125	86.7		ug/L		69	60 - 164	4	20
Isopropylbenzene	25.0	26.8		ug/L		107	70 - 130	1	20
4-Isopropyltoluene	25.0	26.8		ug/L		107	70 - 130	0	20
Methylene Chloride	25.0	24.5		ug/L		98	70 - 147	1	20
4-Methyl-2-pentanone (MIBK)	125	87.2		ug/L		70	58 - 130	2	20
Naphthalene	25.0	23.8		ug/L		95	50 - 130	0	20
N-Propylbenzene	25.0	27.4		ug/L		110	70 - 130	1	20
Styrene	25.0	25.2		ug/L		101	70 - 130	2	20
1,1,1,2-Tetrachloroethane	25.0	27.6		ug/L		110	70 - 130	1	20
1,1,2,2-Tetrachloroethane	25.0	22.9		ug/L		91	70 - 130	1	20
Tetrachloroethene	25.0	28.0		ug/L		112	70 - 130	0	20
Toluene	25.0	25.2		ug/L		101	78 - 120	1	20
1,2,3-Trichlorobenzene	25.0	25.4		ug/L		102	70 - 130	0	20
1,2,4-Trichlorobenzene	25.0	27.0		ug/L		108	70 - 130	1	20
1,1,1-Trichloroethane	25.0	31.3		ug/L		125	70 - 130	2	20
1,1,2-Trichloroethane	25.0	26.8		ug/L		107	70 - 130	1	20
Trichloroethene	25.0	27.7		ug/L		111	70 - 130	0	20
Trichlorofluoromethane	25.0	30.3		ug/L		121	66 - 132	2	20
1,2,3-Trichloropropane	25.0	24.7		ug/L		99	70 - 130	0	20
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	28.2		ug/L		113	42 - 162	3	20
1,2,4-Trimethylbenzene	25.0	27.1		ug/L		108	70 - 132	0	20
1,3,5-Trimethylbenzene	25.0	27.0		ug/L		108	70 - 130	0	20
Vinyl acetate	25.0	27.9		ug/L		111	43 - 163	2	20
Vinyl chloride	25.0	28.3		ug/L		113	54 - 135	1	20
m-Xylene & p-Xylene	25.0	27.1		ug/L		108	70 - 142	1	20
o-Xylene	25.0	26.2		ug/L		105	70 - 130	0	20
2,2-Dichloropropane	25.0	34.6		ug/L		139	70 - 140	2	20

TestAmerica Pleasanton

QC Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCSD 720-205753/6
Matrix: Water
Analysis Batch: 205753

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

<i>Surrogate</i>	<i>LCSD %Recovery</i>	<i>LCSD Qualifier</i>	<i>Limits</i>
4-Bromofluorobenzene	102		67 - 130
1,2-Dichloroethane-d4 (Surr)	103		72 - 130
Toluene-d8 (Surr)	101		70 - 130

Lab Sample ID: LCSD 720-205753/8
Matrix: Water
Analysis Batch: 205753

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

<i>Analyte</i>	<i>Spike Added</i>	<i>LCSD Result</i>	<i>LCSD Qualifier</i>	<i>Unit</i>	<i>D</i>	<i>%Rec</i>	<i>%Rec. Limits</i>	<i>RPD</i>	<i>RPD Limit</i>
Gasoline Range Organics (GRO) -C5-C12	500	504		ug/L		101	71 - 125	3	20

<i>Surrogate</i>	<i>LCSD %Recovery</i>	<i>LCSD Qualifier</i>	<i>Limits</i>
4-Bromofluorobenzene	103		67 - 130
1,2-Dichloroethane-d4 (Surr)	108		72 - 130
Toluene-d8 (Surr)	101		70 - 130

Lab Sample ID: MB 720-205754/4
Matrix: Solid
Analysis Batch: 205754

Client Sample ID: Method Blank
Prep Type: Total/NA

<i>Analyte</i>	<i>MB Result</i>	<i>MB Qualifier</i>	<i>RL</i>	<i>MDL</i>	<i>Unit</i>	<i>D</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
Methyl tert-butyl ether	ND		5.0		ug/Kg			07/12/16 08:24	1
Acetone	ND		50		ug/Kg			07/12/16 08:24	1
Benzene	ND		5.0		ug/Kg			07/12/16 08:24	1
Dichlorobromomethane	ND		5.0		ug/Kg			07/12/16 08:24	1
Bromobenzene	ND		5.0		ug/Kg			07/12/16 08:24	1
Chlorobromomethane	ND		20		ug/Kg			07/12/16 08:24	1
Bromoform	ND		5.0		ug/Kg			07/12/16 08:24	1
Bromomethane	ND		10		ug/Kg			07/12/16 08:24	1
2-Butanone (MEK)	ND		50		ug/Kg			07/12/16 08:24	1
n-Butylbenzene	ND		5.0		ug/Kg			07/12/16 08:24	1
sec-Butylbenzene	ND		5.0		ug/Kg			07/12/16 08:24	1
tert-Butylbenzene	ND		5.0		ug/Kg			07/12/16 08:24	1
Carbon disulfide	ND		5.0		ug/Kg			07/12/16 08:24	1
Carbon tetrachloride	ND		5.0		ug/Kg			07/12/16 08:24	1
Chlorobenzene	ND		5.0		ug/Kg			07/12/16 08:24	1
Chloroethane	ND		10		ug/Kg			07/12/16 08:24	1
Chloroform	ND		5.0		ug/Kg			07/12/16 08:24	1
Chloromethane	ND		10		ug/Kg			07/12/16 08:24	1
2-Chlorotoluene	ND		5.0		ug/Kg			07/12/16 08:24	1
4-Chlorotoluene	ND		5.0		ug/Kg			07/12/16 08:24	1
Chlorodibromomethane	ND		5.0		ug/Kg			07/12/16 08:24	1
1,2-Dichlorobenzene	ND		5.0		ug/Kg			07/12/16 08:24	1
1,3-Dichlorobenzene	ND		5.0		ug/Kg			07/12/16 08:24	1
1,4-Dichlorobenzene	ND		5.0		ug/Kg			07/12/16 08:24	1
1,3-Dichloropropane	ND		5.0		ug/Kg			07/12/16 08:24	1
1,1-Dichloropropene	ND		5.0		ug/Kg			07/12/16 08:24	1

TestAmerica Pleasanton

QC Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: MB 720-205754/4
Matrix: Solid
Analysis Batch: 205754

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	ND		10		ug/Kg			07/12/16 08:24	1
Ethylene Dibromide	ND		5.0		ug/Kg			07/12/16 08:24	1
Dibromomethane	ND		10		ug/Kg			07/12/16 08:24	1
Dichlorodifluoromethane	ND		10		ug/Kg			07/12/16 08:24	1
1,1-Dichloroethane	ND		5.0		ug/Kg			07/12/16 08:24	1
1,2-Dichloroethane	ND		5.0		ug/Kg			07/12/16 08:24	1
1,1-Dichloroethene	ND		5.0		ug/Kg			07/12/16 08:24	1
cis-1,2-Dichloroethene	ND		5.0		ug/Kg			07/12/16 08:24	1
trans-1,2-Dichloroethene	ND		5.0		ug/Kg			07/12/16 08:24	1
1,2-Dichloropropane	ND		5.0		ug/Kg			07/12/16 08:24	1
cis-1,3-Dichloropropene	ND		5.0		ug/Kg			07/12/16 08:24	1
trans-1,3-Dichloropropene	ND		5.0		ug/Kg			07/12/16 08:24	1
Ethylbenzene	ND		5.0		ug/Kg			07/12/16 08:24	1
Hexachlorobutadiene	ND		5.0		ug/Kg			07/12/16 08:24	1
2-Hexanone	ND		50		ug/Kg			07/12/16 08:24	1
Isopropylbenzene	ND		5.0		ug/Kg			07/12/16 08:24	1
4-Isopropyltoluene	ND		5.0		ug/Kg			07/12/16 08:24	1
Methylene Chloride	ND		10		ug/Kg			07/12/16 08:24	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/Kg			07/12/16 08:24	1
Naphthalene	ND		10		ug/Kg			07/12/16 08:24	1
N-Propylbenzene	ND		5.0		ug/Kg			07/12/16 08:24	1
Styrene	ND		5.0		ug/Kg			07/12/16 08:24	1
1,1,1,2-Tetrachloroethane	ND		5.0		ug/Kg			07/12/16 08:24	1
1,1,2,2-Tetrachloroethane	ND		5.0		ug/Kg			07/12/16 08:24	1
Tetrachloroethene	ND		5.0		ug/Kg			07/12/16 08:24	1
Toluene	ND		5.0		ug/Kg			07/12/16 08:24	1
1,2,3-Trichlorobenzene	ND		5.0		ug/Kg			07/12/16 08:24	1
1,2,4-Trichlorobenzene	ND		5.0		ug/Kg			07/12/16 08:24	1
1,1,1-Trichloroethane	ND		5.0		ug/Kg			07/12/16 08:24	1
1,1,2-Trichloroethane	ND		5.0		ug/Kg			07/12/16 08:24	1
Trichloroethene	ND		5.0		ug/Kg			07/12/16 08:24	1
Trichlorofluoromethane	ND		5.0		ug/Kg			07/12/16 08:24	1
1,2,3-Trichloropropane	ND		5.0		ug/Kg			07/12/16 08:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0		ug/Kg			07/12/16 08:24	1
1,2,4-Trimethylbenzene	ND		5.0		ug/Kg			07/12/16 08:24	1
1,3,5-Trimethylbenzene	ND		5.0		ug/Kg			07/12/16 08:24	1
Vinyl acetate	ND		20		ug/Kg			07/12/16 08:24	1
Vinyl chloride	ND		5.0		ug/Kg			07/12/16 08:24	1
Xylenes, Total	ND		10		ug/Kg			07/12/16 08:24	1
2,2-Dichloropropane	ND		5.0		ug/Kg			07/12/16 08:24	1
Gasoline Range Organics (GRO) -C5-C12	ND		250		ug/Kg			07/12/16 08:24	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	102		45 - 131		07/12/16 08:24	1
1,2-Dichloroethane-d4 (Surr)	87		60 - 140		07/12/16 08:24	1
Toluene-d8 (Surr)	99		58 - 140		07/12/16 08:24	1

TestAmerica Pleasanton

QC Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCS 720-205754/5

Matrix: Solid

Analysis Batch: 205754

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl tert-butyl ether	50.0	52.5		ug/Kg		105	70 - 144
Acetone	250	199		ug/Kg		80	30 - 162
Benzene	50.0	49.5		ug/Kg		99	70 - 130
Dichlorobromomethane	50.0	49.7		ug/Kg		99	70 - 140
Bromobenzene	50.0	51.2		ug/Kg		102	70 - 130
Chlorobromomethane	50.0	49.8		ug/Kg		100	70 - 130
Bromoform	50.0	57.6		ug/Kg		115	59 - 158
Bromomethane	50.0	47.0		ug/Kg		94	59 - 132
2-Butanone (MEK)	250	214		ug/Kg		86	53 - 133
n-Butylbenzene	50.0	50.3		ug/Kg		101	70 - 142
sec-Butylbenzene	50.0	49.0		ug/Kg		98	70 - 136
tert-Butylbenzene	50.0	49.7		ug/Kg		99	70 - 130
Carbon disulfide	50.0	49.1		ug/Kg		98	60 - 140
Carbon tetrachloride	50.0	47.9		ug/Kg		96	70 - 142
Chlorobenzene	50.0	45.6		ug/Kg		91	70 - 130
Chloroethane	50.0	48.3		ug/Kg		97	65 - 130
Chloroform	50.0	46.9		ug/Kg		94	77 - 127
Chloromethane	50.0	54.4		ug/Kg		109	55 - 140
2-Chlorotoluene	50.0	48.2		ug/Kg		96	70 - 138
4-Chlorotoluene	50.0	49.6		ug/Kg		99	70 - 136
Chlorodibromomethane	50.0	51.8		ug/Kg		104	70 - 146
1,2-Dichlorobenzene	50.0	48.1		ug/Kg		96	70 - 130
1,3-Dichlorobenzene	50.0	47.1		ug/Kg		94	70 - 131
1,4-Dichlorobenzene	50.0	48.0		ug/Kg		96	70 - 130
1,3-Dichloropropane	50.0	49.4		ug/Kg		99	70 - 140
1,1-Dichloropropene	50.0	48.0		ug/Kg		96	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	47.8		ug/Kg		96	60 - 145
Ethylene Dibromide	50.0	51.3		ug/Kg		103	70 - 140
Dibromomethane	50.0	50.9		ug/Kg		102	70 - 139
Dichlorodifluoromethane	50.0	52.1		ug/Kg		104	37 - 158
1,1-Dichloroethane	50.0	48.7		ug/Kg		97	70 - 130
1,2-Dichloroethane	50.0	45.4		ug/Kg		91	70 - 130
1,1-Dichloroethene	50.0	46.5		ug/Kg		93	74 - 122
cis-1,2-Dichloroethene	50.0	50.1		ug/Kg		100	70 - 138
trans-1,2-Dichloroethene	50.0	50.5		ug/Kg		101	67 - 130
1,2-Dichloropropane	50.0	52.7		ug/Kg		105	73 - 127
cis-1,3-Dichloropropene	50.0	54.8		ug/Kg		110	68 - 147
trans-1,3-Dichloropropene	50.0	49.9		ug/Kg		100	70 - 155
Ethylbenzene	50.0	45.1		ug/Kg		90	80 - 137
Hexachlorobutadiene	50.0	48.1		ug/Kg		96	70 - 132
2-Hexanone	250	213		ug/Kg		85	44 - 133
Isopropylbenzene	50.0	48.2		ug/Kg		96	70 - 130
4-Isopropyltoluene	50.0	47.7		ug/Kg		95	70 - 133
Methylene Chloride	50.0	48.2		ug/Kg		96	70 - 134
4-Methyl-2-pentanone (MIBK)	250	221		ug/Kg		88	60 - 160
Naphthalene	50.0	53.7		ug/Kg		107	60 - 147
N-Propylbenzene	50.0	50.0		ug/Kg		100	70 - 130
Styrene	50.0	54.1		ug/Kg		108	70 - 130

TestAmerica Pleasanton

QC Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCS 720-205754/5
Matrix: Solid
Analysis Batch: 205754

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	50.0	52.2		ug/Kg		104	70 - 130
1,1,2,2-Tetrachloroethane	50.0	51.9		ug/Kg		104	70 - 146
Tetrachloroethene	50.0	47.7		ug/Kg		95	70 - 132
Toluene	50.0	49.5		ug/Kg		99	75 - 120
1,2,3-Trichlorobenzene	50.0	48.8		ug/Kg		98	60 - 140
1,2,4-Trichlorobenzene	50.0	52.1		ug/Kg		104	60 - 140
1,1,1-Trichloroethane	50.0	45.5		ug/Kg		91	70 - 130
1,1,2-Trichloroethane	50.0	53.6		ug/Kg		107	70 - 130
Trichloroethene	50.0	47.7		ug/Kg		95	70 - 133
Trichlorofluoromethane	50.0	40.9		ug/Kg		82	60 - 140
1,2,3-Trichloropropane	50.0	49.7		ug/Kg		99	70 - 146
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	45.5		ug/Kg		91	60 - 140
1,2,4-Trimethylbenzene	50.0	49.6		ug/Kg		99	70 - 130
1,3,5-Trimethylbenzene	50.0	50.3		ug/Kg		101	70 - 131
Vinyl acetate	50.0	57.4		ug/Kg		115	38 - 176
Vinyl chloride	50.0	48.3		ug/Kg		97	58 - 125
m-Xylene & p-Xylene	50.0	48.6		ug/Kg		97	70 - 146
o-Xylene	50.0	45.3		ug/Kg		91	70 - 140
2,2-Dichloropropane	50.0	47.5		ug/Kg		95	70 - 162

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	101		45 - 131
1,2-Dichloroethane-d4 (Surr)	83		60 - 140
Toluene-d8 (Surr)	101		58 - 140

Lab Sample ID: LCS 720-205754/7
Matrix: Solid
Analysis Batch: 205754

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO) -C5-C12	1000	1110		ug/Kg		111	61 - 128

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	105		45 - 131
1,2-Dichloroethane-d4 (Surr)	89		60 - 140
Toluene-d8 (Surr)	100		58 - 140

Lab Sample ID: LCSD 720-205754/6
Matrix: Solid
Analysis Batch: 205754

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Methyl tert-butyl ether	50.0	54.7		ug/Kg		109	70 - 144	4	20
Acetone	250	198		ug/Kg		79	30 - 162	0	30
Benzene	50.0	50.0		ug/Kg		100	70 - 130	1	20
Dichlorobromomethane	50.0	50.5		ug/Kg		101	70 - 140	2	20

TestAmerica Pleasanton

QC Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCSD 720-205754/6
Matrix: Solid
Analysis Batch: 205754

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Bromobenzene	50.0	51.8		ug/Kg		104	70 - 130	1	20
Chlorobromomethane	50.0	51.4		ug/Kg		103	70 - 130	3	20
Bromoform	50.0	58.2		ug/Kg		116	59 - 158	1	20
Bromomethane	50.0	46.9		ug/Kg		94	59 - 132	0	20
2-Butanone (MEK)	250	224		ug/Kg		90	53 - 133	4	20
n-Butylbenzene	50.0	50.2		ug/Kg		100	70 - 142	0	20
sec-Butylbenzene	50.0	49.0		ug/Kg		98	70 - 136	0	20
tert-Butylbenzene	50.0	49.5		ug/Kg		99	70 - 130	0	20
Carbon disulfide	50.0	50.1		ug/Kg		100	60 - 140	2	20
Carbon tetrachloride	50.0	47.1		ug/Kg		94	70 - 142	2	20
Chlorobenzene	50.0	45.8		ug/Kg		92	70 - 130	1	20
Chloroethane	50.0	48.6		ug/Kg		97	65 - 130	1	20
Chloroform	50.0	47.4		ug/Kg		95	77 - 127	1	20
Chloromethane	50.0	56.4		ug/Kg		113	55 - 140	4	20
2-Chlorotoluene	50.0	48.7		ug/Kg		97	70 - 138	1	20
4-Chlorotoluene	50.0	49.9		ug/Kg		100	70 - 136	1	20
Chlorodibromomethane	50.0	53.4		ug/Kg		107	70 - 146	3	20
1,2-Dichlorobenzene	50.0	49.0		ug/Kg		98	70 - 130	2	20
1,3-Dichlorobenzene	50.0	47.7		ug/Kg		95	70 - 131	1	20
1,4-Dichlorobenzene	50.0	48.5		ug/Kg		97	70 - 130	1	20
1,3-Dichloropropane	50.0	51.3		ug/Kg		103	70 - 140	4	20
1,1-Dichloropropene	50.0	48.4		ug/Kg		97	70 - 130	1	20
1,2-Dibromo-3-Chloropropane	50.0	51.5		ug/Kg		103	60 - 145	8	20
Ethylene Dibromide	50.0	53.5		ug/Kg		107	70 - 140	4	20
Dibromomethane	50.0	53.1		ug/Kg		106	70 - 139	4	20
Dichlorodifluoromethane	50.0	52.0		ug/Kg		104	37 - 158	0	20
1,1-Dichloroethane	50.0	49.4		ug/Kg		99	70 - 130	1	20
1,2-Dichloroethane	50.0	47.3		ug/Kg		95	70 - 130	4	20
1,1-Dichloroethene	50.0	47.3		ug/Kg		95	74 - 122	2	20
cis-1,2-Dichloroethene	50.0	50.9		ug/Kg		102	70 - 138	1	20
trans-1,2-Dichloroethene	50.0	51.3		ug/Kg		103	67 - 130	2	20
1,2-Dichloropropane	50.0	54.4		ug/Kg		109	73 - 127	3	20
cis-1,3-Dichloropropene	50.0	55.3		ug/Kg		111	68 - 147	1	20
trans-1,3-Dichloropropene	50.0	51.1		ug/Kg		102	70 - 155	2	20
Ethylbenzene	50.0	44.6		ug/Kg		89	80 - 137	1	20
Hexachlorobutadiene	50.0	47.8		ug/Kg		96	70 - 132	1	20
2-Hexanone	250	224		ug/Kg		90	44 - 133	5	20
Isopropylbenzene	50.0	47.7		ug/Kg		95	70 - 130	1	20
4-Isopropyltoluene	50.0	47.9		ug/Kg		96	70 - 133	0	20
Methylene Chloride	50.0	49.6		ug/Kg		99	70 - 134	3	20
4-Methyl-2-pentanone (MIBK)	250	234		ug/Kg		94	60 - 160	6	20
Naphthalene	50.0	56.0		ug/Kg		112	60 - 147	4	20
N-Propylbenzene	50.0	50.0		ug/Kg		100	70 - 130	0	20
Styrene	50.0	54.7		ug/Kg		109	70 - 130	1	20
1,1,1,2-Tetrachloroethane	50.0	51.2		ug/Kg		102	70 - 130	2	20
1,1,1,2,2-Tetrachloroethane	50.0	54.3		ug/Kg		109	70 - 146	5	20
Tetrachloroethene	50.0	46.8		ug/Kg		94	70 - 132	2	20
Toluene	50.0	48.6		ug/Kg		97	75 - 120	2	20

TestAmerica Pleasanton

QC Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCSD 720-205754/6
Matrix: Solid
Analysis Batch: 205754

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2,3-Trichlorobenzene	50.0	50.4		ug/Kg		101	60 - 140	3	20
1,2,4-Trichlorobenzene	50.0	52.4		ug/Kg		105	60 - 140	1	20
1,1,1-Trichloroethane	50.0	45.3		ug/Kg		91	70 - 130	0	20
1,1,2-Trichloroethane	50.0	54.7		ug/Kg		109	70 - 130	2	20
Trichloroethene	50.0	47.6		ug/Kg		95	70 - 133	0	20
Trichlorofluoromethane	50.0	40.9		ug/Kg		82	60 - 140	0	20
1,2,3-Trichloropropane	50.0	51.9		ug/Kg		104	70 - 146	4	20
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	45.3		ug/Kg		91	60 - 140	0	20
1,2,4-Trimethylbenzene	50.0	50.1		ug/Kg		100	70 - 130	1	20
1,3,5-Trimethylbenzene	50.0	50.7		ug/Kg		101	70 - 131	1	20
Vinyl acetate	50.0	59.4		ug/Kg		119	38 - 176	3	20
Vinyl chloride	50.0	47.5		ug/Kg		95	58 - 125	2	20
m-Xylene & p-Xylene	50.0	48.2		ug/Kg		96	70 - 146	1	20
o-Xylene	50.0	45.6		ug/Kg		91	70 - 140	0	20
2,2-Dichloropropane	50.0	47.5		ug/Kg		95	70 - 162	0	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene	102		45 - 131
1,2-Dichloroethane-d4 (Surr)	85		60 - 140
Toluene-d8 (Surr)	101		58 - 140

Lab Sample ID: LCSD 720-205754/8
Matrix: Solid
Analysis Batch: 205754

Client Sample ID: Lab Control Sample Dup
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	1000	1120		ug/Kg		112	61 - 128	1	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene	102		45 - 131
1,2-Dichloroethane-d4 (Surr)	86		60 - 140
Toluene-d8 (Surr)	100		58 - 140

Lab Sample ID: MB 720-205801/4
Matrix: Water
Analysis Batch: 205801

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			07/12/16 17:37	1
Acetone	ND		50		ug/L			07/12/16 17:37	1
Benzene	ND		0.50		ug/L			07/12/16 17:37	1
Dichlorobromomethane	ND		0.50		ug/L			07/12/16 17:37	1
Bromobenzene	ND		1.0		ug/L			07/12/16 17:37	1
Chlorobromomethane	ND		1.0		ug/L			07/12/16 17:37	1
Bromoform	ND		1.0		ug/L			07/12/16 17:37	1
Bromomethane	ND		1.0		ug/L			07/12/16 17:37	1

TestAmerica Pleasanton

QC Sample Results

Client: AECOM
 Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: MB 720-205801/4
Matrix: Water
Analysis Batch: 205801

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	ND		50		ug/L			07/12/16 17:37	1
n-Butylbenzene	ND		1.0		ug/L			07/12/16 17:37	1
sec-Butylbenzene	ND		1.0		ug/L			07/12/16 17:37	1
tert-Butylbenzene	ND		1.0		ug/L			07/12/16 17:37	1
Carbon disulfide	ND		5.0		ug/L			07/12/16 17:37	1
Carbon tetrachloride	ND		0.50		ug/L			07/12/16 17:37	1
Chlorobenzene	ND		0.50		ug/L			07/12/16 17:37	1
Chloroethane	ND		1.0		ug/L			07/12/16 17:37	1
Chloroform	ND		1.0		ug/L			07/12/16 17:37	1
Chloromethane	ND		1.0		ug/L			07/12/16 17:37	1
2-Chlorotoluene	ND		0.50		ug/L			07/12/16 17:37	1
4-Chlorotoluene	ND		0.50		ug/L			07/12/16 17:37	1
Chlorodibromomethane	ND		0.50		ug/L			07/12/16 17:37	1
1,2-Dichlorobenzene	ND		0.50		ug/L			07/12/16 17:37	1
1,3-Dichlorobenzene	ND		0.50		ug/L			07/12/16 17:37	1
1,4-Dichlorobenzene	ND		0.50		ug/L			07/12/16 17:37	1
1,3-Dichloropropane	ND		1.0		ug/L			07/12/16 17:37	1
1,1-Dichloropropane	ND		0.50		ug/L			07/12/16 17:37	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			07/12/16 17:37	1
Ethylene Dibromide	ND		0.50		ug/L			07/12/16 17:37	1
Dibromomethane	ND		0.50		ug/L			07/12/16 17:37	1
Dichlorodifluoromethane	ND		0.50		ug/L			07/12/16 17:37	1
1,1-Dichloroethane	ND		0.50		ug/L			07/12/16 17:37	1
1,2-Dichloroethane	ND		0.50		ug/L			07/12/16 17:37	1
1,1-Dichloroethene	ND		0.50		ug/L			07/12/16 17:37	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			07/12/16 17:37	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			07/12/16 17:37	1
1,2-Dichloropropane	ND		0.50		ug/L			07/12/16 17:37	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			07/12/16 17:37	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			07/12/16 17:37	1
Ethylbenzene	ND		0.50		ug/L			07/12/16 17:37	1
Hexachlorobutadiene	ND		1.0		ug/L			07/12/16 17:37	1
2-Hexanone	ND		50		ug/L			07/12/16 17:37	1
Isopropylbenzene	ND		0.50		ug/L			07/12/16 17:37	1
4-Isopropyltoluene	ND		1.0		ug/L			07/12/16 17:37	1
Methylene Chloride	ND		5.0		ug/L			07/12/16 17:37	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/12/16 17:37	1
Naphthalene	ND		1.0		ug/L			07/12/16 17:37	1
N-Propylbenzene	ND		1.0		ug/L			07/12/16 17:37	1
Styrene	ND		0.50		ug/L			07/12/16 17:37	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			07/12/16 17:37	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			07/12/16 17:37	1
Tetrachloroethene	ND		0.50		ug/L			07/12/16 17:37	1
Toluene	ND		0.50		ug/L			07/12/16 17:37	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			07/12/16 17:37	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			07/12/16 17:37	1
1,1,1-Trichloroethane	ND		0.50		ug/L			07/12/16 17:37	1
1,1,2-Trichloroethane	ND		0.50		ug/L			07/12/16 17:37	1

TestAmerica Pleasanton

QC Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: MB 720-205801/4
Matrix: Water
Analysis Batch: 205801

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		0.50		ug/L			07/12/16 17:37	1
Trichlorofluoromethane	ND		1.0		ug/L			07/12/16 17:37	1
1,2,3-Trichloropropane	ND		0.50		ug/L			07/12/16 17:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			07/12/16 17:37	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			07/12/16 17:37	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			07/12/16 17:37	1
Vinyl acetate	ND		10		ug/L			07/12/16 17:37	1
Vinyl chloride	ND		0.50		ug/L			07/12/16 17:37	1
Xylenes, Total	ND		1.0		ug/L			07/12/16 17:37	1
2,2-Dichloropropane	ND		0.50		ug/L			07/12/16 17:37	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			07/12/16 17:37	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	91		67 - 130		07/12/16 17:37	1
1,2-Dichloroethane-d4 (Surr)	98		72 - 130		07/12/16 17:37	1
Toluene-d8 (Surr)	96		70 - 130		07/12/16 17:37	1

Lab Sample ID: LCS 720-205801/5
Matrix: Water
Analysis Batch: 205801

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl tert-butyl ether	25.0	25.8		ug/L		103	62 - 130
Acetone	125	107		ug/L		86	26 - 180
Benzene	25.0	24.9		ug/L		100	79 - 130
Dichlorobromomethane	25.0	25.9		ug/L		104	70 - 130
Bromobenzene	25.0	23.9		ug/L		96	70 - 130
Chlorobromomethane	25.0	24.4		ug/L		97	70 - 130
Bromoform	25.0	26.0		ug/L		104	68 - 136
Bromomethane	25.0	26.5		ug/L		106	43 - 151
2-Butanone (MEK)	125	109		ug/L		87	54 - 130
n-Butylbenzene	25.0	26.3		ug/L		105	70 - 142
sec-Butylbenzene	25.0	26.2		ug/L		105	70 - 134
tert-Butylbenzene	25.0	25.1		ug/L		100	70 - 135
Carbon disulfide	25.0	24.9		ug/L		100	58 - 130
Carbon tetrachloride	25.0	29.1		ug/L		116	70 - 146
Chlorobenzene	25.0	24.4		ug/L		97	70 - 130
Chloroethane	25.0	26.1		ug/L		104	62 - 138
Chloroform	25.0	24.9		ug/L		100	70 - 130
Chloromethane	25.0	27.1		ug/L		108	52 - 175
2-Chlorotoluene	25.0	25.0		ug/L		100	70 - 130
4-Chlorotoluene	25.0	25.2		ug/L		101	70 - 130
Chlorodibromomethane	25.0	25.4		ug/L		101	70 - 145
1,2-Dichlorobenzene	25.0	24.7		ug/L		99	70 - 130
1,3-Dichlorobenzene	25.0	24.6		ug/L		98	70 - 130
1,4-Dichlorobenzene	25.0	24.6		ug/L		98	70 - 130
1,3-Dichloropropane	25.0	25.0		ug/L		100	70 - 130

TestAmerica Pleasanton

QC Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCS 720-205801/5
Matrix: Water
Analysis Batch: 205801

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloropropene	25.0	25.5		ug/L		102	70 - 130
1,2-Dibromo-3-Chloropropane	25.0	24.3		ug/L		97	70 - 136
Ethylene Dibromide	25.0	25.7		ug/L		103	70 - 130
Dibromomethane	25.0	25.3		ug/L		101	70 - 130
Dichlorodifluoromethane	25.0	30.0		ug/L		120	32 - 158
1,1-Dichloroethane	25.0	24.6		ug/L		99	70 - 130
1,2-Dichloroethane	25.0	25.0		ug/L		100	61 - 132
1,1-Dichloroethene	25.0	23.4		ug/L		94	64 - 128
cis-1,2-Dichloroethene	25.0	25.2		ug/L		101	70 - 130
trans-1,2-Dichloroethene	25.0	25.2		ug/L		101	68 - 130
1,2-Dichloropropane	25.0	25.6		ug/L		102	70 - 130
cis-1,3-Dichloropropene	25.0	26.3		ug/L		105	70 - 130
trans-1,3-Dichloropropene	25.0	25.7		ug/L		103	70 - 140
Ethylbenzene	25.0	25.4		ug/L		102	80 - 120
Hexachlorobutadiene	25.0	23.7		ug/L		95	70 - 130
2-Hexanone	125	111		ug/L		89	60 - 164
Isopropylbenzene	25.0	26.5		ug/L		106	70 - 130
4-Isopropyltoluene	25.0	25.7		ug/L		103	70 - 130
Methylene Chloride	25.0	24.3		ug/L		97	70 - 147
4-Methyl-2-pentanone (MIBK)	125	111		ug/L		89	58 - 130
Naphthalene	25.0	24.4		ug/L		98	50 - 130
N-Propylbenzene	25.0	26.0		ug/L		104	70 - 130
Styrene	25.0	25.5		ug/L		102	70 - 130
1,1,1,2-Tetrachloroethane	25.0	24.7		ug/L		99	70 - 130
1,1,2,2-Tetrachloroethane	25.0	25.0		ug/L		100	70 - 130
Tetrachloroethene	25.0	24.4		ug/L		98	70 - 130
Toluene	25.0	24.8		ug/L		99	78 - 120
1,2,3-Trichlorobenzene	25.0	23.2		ug/L		93	70 - 130
1,2,4-Trichlorobenzene	25.0	24.0		ug/L		96	70 - 130
1,1,1-Trichloroethane	25.0	26.4		ug/L		106	70 - 130
1,1,2-Trichloroethane	25.0	25.2		ug/L		101	70 - 130
Trichloroethene	25.0	24.4		ug/L		98	70 - 130
Trichlorofluoromethane	25.0	25.1		ug/L		100	66 - 132
1,2,3-Trichloropropane	25.0	24.6		ug/L		99	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	24.0		ug/L		96	42 - 162
1,2,4-Trimethylbenzene	25.0	25.4		ug/L		102	70 - 132
1,3,5-Trimethylbenzene	25.0	25.5		ug/L		102	70 - 130
Vinyl acetate	25.0	28.1		ug/L		112	43 - 163
Vinyl chloride	25.0	27.1		ug/L		108	54 - 135
m-Xylene & p-Xylene	25.0	25.2		ug/L		101	70 - 142
o-Xylene	25.0	25.4		ug/L		102	70 - 130
2,2-Dichloropropane	25.0	25.8		ug/L		103	70 - 140

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene	95		67 - 130
1,2-Dichloroethane-d4 (Surr)	96		72 - 130
Toluene-d8 (Surr)	98		70 - 130

TestAmerica Pleasanton

QC Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

Lab Sample ID: LCS 720-205801/7
Matrix: Water
Analysis Batch: 205801

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO) -C5-C12	500	514		ug/L		103	71 - 125
LCS LCS							
Surrogate	%Recovery	Qualifier	Limits				
4-Bromofluorobenzene	96		67 - 130				
1,2-Dichloroethane-d4 (Surr)	98		72 - 130				
Toluene-d8 (Surr)	97		70 - 130				

Lab Sample ID: LCSD 720-205801/6
Matrix: Water
Analysis Batch: 205801

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Methyl tert-butyl ether	25.0	25.0		ug/L		100	62 - 130	3	20
Acetone	125	114		ug/L		91	26 - 180	6	30
Benzene	25.0	24.8		ug/L		99	79 - 130	0	20
Dichlorobromomethane	25.0	25.5		ug/L		102	70 - 130	2	20
Bromobenzene	25.0	23.7		ug/L		95	70 - 130	1	20
Chlorobromomethane	25.0	24.2		ug/L		97	70 - 130	1	20
Bromoform	25.0	26.1		ug/L		104	68 - 136	0	20
Bromomethane	25.0	26.3		ug/L		105	43 - 151	1	20
2-Butanone (MEK)	125	107		ug/L		85	54 - 130	2	20
n-Butylbenzene	25.0	26.5		ug/L		106	70 - 142	1	20
sec-Butylbenzene	25.0	26.4		ug/L		105	70 - 134	1	20
tert-Butylbenzene	25.0	25.2		ug/L		101	70 - 135	1	20
Carbon disulfide	25.0	25.1		ug/L		100	58 - 130	1	20
Carbon tetrachloride	25.0	29.3		ug/L		117	70 - 146	1	20
Chlorobenzene	25.0	24.1		ug/L		97	70 - 130	1	20
Chloroethane	25.0	25.9		ug/L		104	62 - 138	1	20
Chloroform	25.0	24.6		ug/L		98	70 - 130	1	20
Chloromethane	25.0	27.8		ug/L		111	52 - 175	3	20
2-Chlorotoluene	25.0	25.2		ug/L		101	70 - 130	1	20
4-Chlorotoluene	25.0	25.3		ug/L		101	70 - 130	0	20
Chlorodibromomethane	25.0	25.1		ug/L		100	70 - 145	1	20
1,2-Dichlorobenzene	25.0	24.7		ug/L		99	70 - 130	0	20
1,3-Dichlorobenzene	25.0	24.7		ug/L		99	70 - 130	0	20
1,4-Dichlorobenzene	25.0	24.5		ug/L		98	70 - 130	0	20
1,3-Dichloropropane	25.0	24.5		ug/L		98	70 - 130	2	20
1,1-Dichloropropene	25.0	25.3		ug/L		101	70 - 130	1	20
1,2-Dibromo-3-Chloropropane	25.0	24.6		ug/L		98	70 - 136	1	20
Ethylene Dibromide	25.0	25.2		ug/L		101	70 - 130	2	20
Dibromomethane	25.0	25.4		ug/L		102	70 - 130	1	20
Dichlorodifluoromethane	25.0	30.2		ug/L		121	32 - 158	1	20
1,1-Dichloroethane	25.0	24.8		ug/L		99	70 - 130	0	20
1,2-Dichloroethane	25.0	24.6		ug/L		98	61 - 132	1	20
1,1-Dichloroethene	25.0	24.0		ug/L		96	64 - 128	2	20
cis-1,2-Dichloroethene	25.0	25.2		ug/L		101	70 - 130	0	20
trans-1,2-Dichloroethene	25.0	25.2		ug/L		101	68 - 130	0	20
1,2-Dichloropropane	25.0	25.4		ug/L		102	70 - 130	1	20
cis-1,3-Dichloropropene	25.0	25.8		ug/L		103	70 - 130	2	20

TestAmerica Pleasanton

QC Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCSD 720-205801/6
Matrix: Water
Analysis Batch: 205801

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
trans-1,3-Dichloropropene	25.0	25.1		ug/L		101	70 - 140	2	20
Ethylbenzene	25.0	25.4		ug/L		101	80 - 120	0	20
Hexachlorobutadiene	25.0	23.6		ug/L		94	70 - 130	0	20
2-Hexanone	125	109		ug/L		87	60 - 164	2	20
Isopropylbenzene	25.0	26.4		ug/L		106	70 - 130	0	20
4-Isopropyltoluene	25.0	25.9		ug/L		103	70 - 130	1	20
Methylene Chloride	25.0	24.1		ug/L		97	70 - 147	1	20
4-Methyl-2-pentanone (MIBK)	125	110		ug/L		88	58 - 130	2	20
Naphthalene	25.0	24.8		ug/L		99	50 - 130	2	20
N-Propylbenzene	25.0	26.4		ug/L		105	70 - 130	1	20
Styrene	25.0	25.3		ug/L		101	70 - 130	0	20
1,1,1,2-Tetrachloroethane	25.0	24.4		ug/L		98	70 - 130	1	20
1,1,2,2-Tetrachloroethane	25.0	25.2		ug/L		101	70 - 130	1	20
Tetrachloroethene	25.0	24.3		ug/L		97	70 - 130	1	20
Toluene	25.0	25.1		ug/L		100	78 - 120	1	20
1,2,3-Trichlorobenzene	25.0	23.1		ug/L		92	70 - 130	1	20
1,2,4-Trichlorobenzene	25.0	23.7		ug/L		95	70 - 130	1	20
1,1,1-Trichloroethane	25.0	26.3		ug/L		105	70 - 130	0	20
1,1,2-Trichloroethane	25.0	25.0		ug/L		100	70 - 130	1	20
Trichloroethene	25.0	24.4		ug/L		98	70 - 130	0	20
Trichlorofluoromethane	25.0	25.0		ug/L		100	66 - 132	0	20
1,2,3-Trichloropropane	25.0	25.1		ug/L		101	70 - 130	2	20
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	24.4		ug/L		98	42 - 162	2	20
1,2,4-Trimethylbenzene	25.0	25.6		ug/L		102	70 - 132	1	20
1,3,5-Trimethylbenzene	25.0	25.7		ug/L		103	70 - 130	1	20
Vinyl acetate	25.0	27.7		ug/L		111	43 - 163	1	20
Vinyl chloride	25.0	27.1		ug/L		109	54 - 135	0	20
m-Xylene & p-Xylene	25.0	25.4		ug/L		102	70 - 142	1	20
o-Xylene	25.0	25.2		ug/L		101	70 - 130	1	20
2,2-Dichloropropane	25.0	25.9		ug/L		104	70 - 140	1	20

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
4-Bromofluorobenzene	95		67 - 130
1,2-Dichloroethane-d4 (Surr)	96		72 - 130
Toluene-d8 (Surr)	97		70 - 130

Lab Sample ID: LCSD 720-205801/8
Matrix: Water
Analysis Batch: 205801

Client Sample ID: Lab Control Sample Dup
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	505		ug/L		101	71 - 125	2	20

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
4-Bromofluorobenzene	94		67 - 130
1,2-Dichloroethane-d4 (Surr)	98		72 - 130

TestAmerica Pleasanton

QC Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCSD 720-205801/8
Matrix: Water
Analysis Batch: 205801

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Toluene-d8 (Surr)	98		70 - 130

Lab Sample ID: MB 720-205802/4
Matrix: Solid
Analysis Batch: 205802

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		5.0		ug/Kg			07/12/16 17:39	1
Acetone	ND		50		ug/Kg			07/12/16 17:39	1
Benzene	ND		5.0		ug/Kg			07/12/16 17:39	1
Dichlorobromomethane	ND		5.0		ug/Kg			07/12/16 17:39	1
Bromobenzene	ND		5.0		ug/Kg			07/12/16 17:39	1
Chlorobromomethane	ND		20		ug/Kg			07/12/16 17:39	1
Bromoform	ND		5.0		ug/Kg			07/12/16 17:39	1
Bromomethane	ND		10		ug/Kg			07/12/16 17:39	1
2-Butanone (MEK)	ND		50		ug/Kg			07/12/16 17:39	1
n-Butylbenzene	ND		5.0		ug/Kg			07/12/16 17:39	1
sec-Butylbenzene	ND		5.0		ug/Kg			07/12/16 17:39	1
tert-Butylbenzene	ND		5.0		ug/Kg			07/12/16 17:39	1
Carbon disulfide	ND		5.0		ug/Kg			07/12/16 17:39	1
Carbon tetrachloride	ND		5.0		ug/Kg			07/12/16 17:39	1
Chlorobenzene	ND		5.0		ug/Kg			07/12/16 17:39	1
Chloroethane	ND		10		ug/Kg			07/12/16 17:39	1
Chloroform	ND		5.0		ug/Kg			07/12/16 17:39	1
Chloromethane	ND		10		ug/Kg			07/12/16 17:39	1
2-Chlorotoluene	ND		5.0		ug/Kg			07/12/16 17:39	1
4-Chlorotoluene	ND		5.0		ug/Kg			07/12/16 17:39	1
Chlorodibromomethane	ND		5.0		ug/Kg			07/12/16 17:39	1
1,2-Dichlorobenzene	ND		5.0		ug/Kg			07/12/16 17:39	1
1,3-Dichlorobenzene	ND		5.0		ug/Kg			07/12/16 17:39	1
1,4-Dichlorobenzene	ND		5.0		ug/Kg			07/12/16 17:39	1
1,3-Dichloropropane	ND		5.0		ug/Kg			07/12/16 17:39	1
1,1-Dichloropropene	ND		5.0		ug/Kg			07/12/16 17:39	1
1,2-Dibromo-3-Chloropropane	ND		10		ug/Kg			07/12/16 17:39	1
Ethylene Dibromide	ND		5.0		ug/Kg			07/12/16 17:39	1
Dibromomethane	ND		10		ug/Kg			07/12/16 17:39	1
Dichlorodifluoromethane	ND		10		ug/Kg			07/12/16 17:39	1
1,1-Dichloroethane	ND		5.0		ug/Kg			07/12/16 17:39	1
1,2-Dichloroethane	ND		5.0		ug/Kg			07/12/16 17:39	1
1,1-Dichloroethene	ND		5.0		ug/Kg			07/12/16 17:39	1
cis-1,2-Dichloroethene	ND		5.0		ug/Kg			07/12/16 17:39	1
trans-1,2-Dichloroethene	ND		5.0		ug/Kg			07/12/16 17:39	1
1,2-Dichloropropane	ND		5.0		ug/Kg			07/12/16 17:39	1
cis-1,3-Dichloropropene	ND		5.0		ug/Kg			07/12/16 17:39	1
trans-1,3-Dichloropropene	ND		5.0		ug/Kg			07/12/16 17:39	1
Ethylbenzene	ND		5.0		ug/Kg			07/12/16 17:39	1
Hexachlorobutadiene	ND		5.0		ug/Kg			07/12/16 17:39	1
2-Hexanone	ND		50		ug/Kg			07/12/16 17:39	1

TestAmerica Pleasanton

QC Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: MB 720-205802/4
Matrix: Solid
Analysis Batch: 205802

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	ND		5.0		ug/Kg			07/12/16 17:39	1
4-Isopropyltoluene	ND		5.0		ug/Kg			07/12/16 17:39	1
Methylene Chloride	ND		10		ug/Kg			07/12/16 17:39	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/Kg			07/12/16 17:39	1
Naphthalene	ND		10		ug/Kg			07/12/16 17:39	1
N-Propylbenzene	ND		5.0		ug/Kg			07/12/16 17:39	1
Styrene	ND		5.0		ug/Kg			07/12/16 17:39	1
1,1,1,2-Tetrachloroethane	ND		5.0		ug/Kg			07/12/16 17:39	1
1,1,2,2-Tetrachloroethane	ND		5.0		ug/Kg			07/12/16 17:39	1
Tetrachloroethene	ND		5.0		ug/Kg			07/12/16 17:39	1
Toluene	ND		5.0		ug/Kg			07/12/16 17:39	1
1,2,3-Trichlorobenzene	ND		5.0		ug/Kg			07/12/16 17:39	1
1,2,4-Trichlorobenzene	ND		5.0		ug/Kg			07/12/16 17:39	1
1,1,1-Trichloroethane	ND		5.0		ug/Kg			07/12/16 17:39	1
1,1,2-Trichloroethane	ND		5.0		ug/Kg			07/12/16 17:39	1
Trichloroethene	ND		5.0		ug/Kg			07/12/16 17:39	1
Trichlorofluoromethane	ND		5.0		ug/Kg			07/12/16 17:39	1
1,2,3-Trichloropropane	ND		5.0		ug/Kg			07/12/16 17:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0		ug/Kg			07/12/16 17:39	1
1,2,4-Trimethylbenzene	ND		5.0		ug/Kg			07/12/16 17:39	1
1,3,5-Trimethylbenzene	ND		5.0		ug/Kg			07/12/16 17:39	1
Vinyl acetate	ND		20		ug/Kg			07/12/16 17:39	1
Vinyl chloride	ND		5.0		ug/Kg			07/12/16 17:39	1
Xylenes, Total	ND		10		ug/Kg			07/12/16 17:39	1
2,2-Dichloropropane	ND		5.0		ug/Kg			07/12/16 17:39	1
Gasoline Range Organics (GRO) -C5-C12	ND		250		ug/Kg			07/12/16 17:39	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	91		45 - 131		07/12/16 17:39	1
1,2-Dichloroethane-d4 (Surr)	102		60 - 140		07/12/16 17:39	1
Toluene-d8 (Surr)	94		58 - 140		07/12/16 17:39	1

Lab Sample ID: LCS 720-205802/5
Matrix: Solid
Analysis Batch: 205802

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl tert-butyl ether	50.0	56.1		ug/Kg		112	70 - 144
Acetone	250	273		ug/Kg		109	30 - 162
Benzene	50.0	51.0		ug/Kg		102	70 - 130
Dichlorobromomethane	50.0	55.6		ug/Kg		111	70 - 140
Bromobenzene	50.0	45.9		ug/Kg		92	70 - 130
Chlorobromomethane	50.0	51.6		ug/Kg		103	70 - 130
Bromoform	50.0	57.1		ug/Kg		114	59 - 158
Bromomethane	50.0	56.1		ug/Kg		112	59 - 132
2-Butanone (MEK)	250	271		ug/Kg		108	53 - 133
n-Butylbenzene	50.0	51.7		ug/Kg		103	70 - 142

TestAmerica Pleasanton

QC Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCS 720-205802/5
Matrix: Solid
Analysis Batch: 205802

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
sec-Butylbenzene	50.0	49.3		ug/Kg		99	70 - 136
tert-Butylbenzene	50.0	47.1		ug/Kg		94	70 - 130
Carbon disulfide	50.0	55.2		ug/Kg		110	60 - 140
Carbon tetrachloride	50.0	55.2		ug/Kg		110	70 - 142
Chlorobenzene	50.0	47.7		ug/Kg		95	70 - 130
Chloroethane	50.0	54.7		ug/Kg		109	65 - 130
Chloroform	50.0	52.9		ug/Kg		106	77 - 127
Chloromethane	50.0	56.4		ug/Kg		113	55 - 140
2-Chlorotoluene	50.0	47.7		ug/Kg		95	70 - 138
4-Chlorotoluene	50.0	48.9		ug/Kg		98	70 - 136
Chlorodibromomethane	50.0	54.4		ug/Kg		109	70 - 146
1,2-Dichlorobenzene	50.0	46.7		ug/Kg		93	70 - 130
1,3-Dichlorobenzene	50.0	46.6		ug/Kg		93	70 - 131
1,4-Dichlorobenzene	50.0	47.5		ug/Kg		95	70 - 130
1,3-Dichloropropane	50.0	55.4		ug/Kg		111	70 - 140
1,1-Dichloropropane	50.0	53.5		ug/Kg		107	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	61.6		ug/Kg		123	60 - 145
Ethylene Dibromide	50.0	58.3		ug/Kg		117	70 - 140
Dibromomethane	50.0	55.1		ug/Kg		110	70 - 139
Dichlorodifluoromethane	50.0	59.9		ug/Kg		120	37 - 158
1,1-Dichloroethane	50.0	51.9		ug/Kg		104	70 - 130
1,2-Dichloroethane	50.0	55.4		ug/Kg		111	70 - 130
1,1-Dichloroethene	50.0	51.3		ug/Kg		103	74 - 122
cis-1,2-Dichloroethene	50.0	54.5		ug/Kg		109	70 - 138
trans-1,2-Dichloroethene	50.0	53.1		ug/Kg		106	67 - 130
1,2-Dichloropropane	50.0	54.0		ug/Kg		108	73 - 127
cis-1,3-Dichloropropene	50.0	56.3		ug/Kg		113	68 - 147
trans-1,3-Dichloropropene	50.0	56.0		ug/Kg		112	70 - 155
Ethylbenzene	50.0	50.0		ug/Kg		100	80 - 137
Hexachlorobutadiene	50.0	47.7		ug/Kg		95	70 - 132
2-Hexanone	250	278		ug/Kg		111	44 - 133
Isopropylbenzene	50.0	51.3		ug/Kg		103	70 - 130
4-Isopropyltoluene	50.0	49.4		ug/Kg		99	70 - 133
Methylene Chloride	50.0	52.7		ug/Kg		105	70 - 134
4-Methyl-2-pentanone (MIBK)	250	272		ug/Kg		109	60 - 160
Naphthalene	50.0	53.7		ug/Kg		107	60 - 147
N-Propylbenzene	50.0	49.6		ug/Kg		99	70 - 130
Styrene	50.0	51.6		ug/Kg		103	70 - 130
1,1,1,2-Tetrachloroethane	50.0	49.1		ug/Kg		98	70 - 130
1,1,2,2-Tetrachloroethane	50.0	54.5		ug/Kg		109	70 - 146
Tetrachloroethene	50.0	49.9		ug/Kg		100	70 - 132
Toluene	50.0	49.1		ug/Kg		98	75 - 120
1,2,3-Trichlorobenzene	50.0	48.0		ug/Kg		96	60 - 140
1,2,4-Trichlorobenzene	50.0	49.2		ug/Kg		98	60 - 140
1,1,1-Trichloroethane	50.0	56.8		ug/Kg		114	70 - 130
1,1,2-Trichloroethane	50.0	55.8		ug/Kg		112	70 - 130
Trichloroethene	50.0	50.8		ug/Kg		102	70 - 133
Trichlorofluoromethane	50.0	57.2		ug/Kg		114	60 - 140

TestAmerica Pleasanton

QC Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCS 720-205802/5
Matrix: Solid
Analysis Batch: 205802

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,3-Trichloropropane	50.0	56.0		ug/Kg		112	70 - 146
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	52.0		ug/Kg		104	60 - 140
1,2,4-Trimethylbenzene	50.0	49.7		ug/Kg		99	70 - 130
1,3,5-Trimethylbenzene	50.0	49.0		ug/Kg		98	70 - 131
Vinyl acetate	50.0	68.0		ug/Kg		136	38 - 176
Vinyl chloride	50.0	54.3		ug/Kg		109	58 - 125
m-Xylene & p-Xylene	50.0	50.1		ug/Kg		100	70 - 146
o-Xylene	50.0	50.4		ug/Kg		101	70 - 140
2,2-Dichloropropane	50.0	58.1		ug/Kg		116	70 - 162

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	97		45 - 131
1,2-Dichloroethane-d4 (Surr)	108		60 - 140
Toluene-d8 (Surr)	97		58 - 140

Lab Sample ID: LCS 720-205802/7
Matrix: Solid
Analysis Batch: 205802

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO) -C5-C12	1000	1030		ug/Kg		103	61 - 128

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	94		45 - 131
1,2-Dichloroethane-d4 (Surr)	105		60 - 140
Toluene-d8 (Surr)	95		58 - 140

Lab Sample ID: LCSD 720-205802/6
Matrix: Solid
Analysis Batch: 205802

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Methyl tert-butyl ether	50.0	54.9		ug/Kg		110	70 - 144	2	20
Acetone	250	256		ug/Kg		102	30 - 162	6	30
Benzene	50.0	49.5		ug/Kg		99	70 - 130	3	20
Dichlorobromomethane	50.0	52.5		ug/Kg		105	70 - 140	6	20
Bromobenzene	50.0	45.1		ug/Kg		90	70 - 130	2	20
Chlorobromomethane	50.0	50.3		ug/Kg		101	70 - 130	2	20
Bromoform	50.0	56.6		ug/Kg		113	59 - 158	1	20
Bromomethane	50.0	54.7		ug/Kg		109	59 - 132	3	20
2-Butanone (MEK)	250	257		ug/Kg		103	53 - 133	5	20
n-Butylbenzene	50.0	51.6		ug/Kg		103	70 - 142	0	20
sec-Butylbenzene	50.0	49.4		ug/Kg		99	70 - 136	0	20
tert-Butylbenzene	50.0	47.0		ug/Kg		94	70 - 130	0	20
Carbon disulfide	50.0	53.1		ug/Kg		106	60 - 140	4	20
Carbon tetrachloride	50.0	53.9		ug/Kg		108	70 - 142	2	20

TestAmerica Pleasanton

QC Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCSD 720-205802/6
Matrix: Solid
Analysis Batch: 205802

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chlorobenzene	50.0	47.2		ug/Kg		94	70 - 130	1	20
Chloroethane	50.0	52.9		ug/Kg		106	65 - 130	3	20
Chloroform	50.0	51.9		ug/Kg		104	77 - 127	2	20
Chloromethane	50.0	54.7		ug/Kg		109	55 - 140	3	20
2-Chlorotoluene	50.0	47.5		ug/Kg		95	70 - 138	1	20
4-Chlorotoluene	50.0	48.4		ug/Kg		97	70 - 136	1	20
Chlorodibromomethane	50.0	53.0		ug/Kg		106	70 - 146	3	20
1,2-Dichlorobenzene	50.0	46.1		ug/Kg		92	70 - 130	1	20
1,3-Dichlorobenzene	50.0	46.4		ug/Kg		93	70 - 131	0	20
1,4-Dichlorobenzene	50.0	47.1		ug/Kg		94	70 - 130	1	20
1,3-Dichloropropane	50.0	53.8		ug/Kg		108	70 - 140	3	20
1,1-Dichloropropene	50.0	52.2		ug/Kg		104	70 - 130	3	20
1,2-Dibromo-3-Chloropropane	50.0	59.8		ug/Kg		120	60 - 145	3	20
Ethylene Dibromide	50.0	56.2		ug/Kg		112	70 - 140	4	20
Dibromomethane	50.0	53.7		ug/Kg		107	70 - 139	3	20
Dichlorodifluoromethane	50.0	57.5		ug/Kg		115	37 - 158	4	20
1,1-Dichloroethane	50.0	51.0		ug/Kg		102	70 - 130	2	20
1,2-Dichloroethane	50.0	54.2		ug/Kg		108	70 - 130	2	20
1,1-Dichloroethene	50.0	49.6		ug/Kg		99	74 - 122	3	20
cis-1,2-Dichloroethene	50.0	54.0		ug/Kg		108	70 - 138	1	20
trans-1,2-Dichloroethene	50.0	51.2		ug/Kg		102	67 - 130	4	20
1,2-Dichloropropane	50.0	52.9		ug/Kg		106	73 - 127	2	20
cis-1,3-Dichloropropene	50.0	54.9		ug/Kg		110	68 - 147	2	20
trans-1,3-Dichloropropene	50.0	54.4		ug/Kg		109	70 - 155	3	20
Ethylbenzene	50.0	49.9		ug/Kg		100	80 - 137	0	20
Hexachlorobutadiene	50.0	48.6		ug/Kg		97	70 - 132	2	20
2-Hexanone	250	262		ug/Kg		105	44 - 133	6	20
Isopropylbenzene	50.0	51.5		ug/Kg		103	70 - 130	0	20
4-Isopropyltoluene	50.0	49.5		ug/Kg		99	70 - 133	0	20
Methylene Chloride	50.0	50.8		ug/Kg		102	70 - 134	4	20
4-Methyl-2-pentanone (MIBK)	250	257		ug/Kg		103	60 - 160	6	20
Naphthalene	50.0	53.6		ug/Kg		107	60 - 147	0	20
N-Propylbenzene	50.0	49.3		ug/Kg		99	70 - 130	1	20
Styrene	50.0	51.2		ug/Kg		102	70 - 130	1	20
1,1,1,2-Tetrachloroethane	50.0	48.9		ug/Kg		98	70 - 130	0	20
1,1,1,2,2-Tetrachloroethane	50.0	52.8		ug/Kg		106	70 - 146	3	20
Tetrachloroethene	50.0	47.9		ug/Kg		96	70 - 132	4	20
Toluene	50.0	49.0		ug/Kg		98	75 - 120	0	20
1,2,3-Trichlorobenzene	50.0	48.6		ug/Kg		97	60 - 140	1	20
1,2,4-Trichlorobenzene	50.0	49.1		ug/Kg		98	60 - 140	0	20
1,1,1-Trichloroethane	50.0	55.5		ug/Kg		111	70 - 130	2	20
1,1,2-Trichloroethane	50.0	53.5		ug/Kg		107	70 - 130	4	20
Trichloroethene	50.0	49.2		ug/Kg		98	70 - 133	3	20
Trichlorofluoromethane	50.0	53.8		ug/Kg		108	60 - 140	6	20
1,2,3-Trichloropropane	50.0	54.9		ug/Kg		110	70 - 146	2	20
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	50.1		ug/Kg		100	60 - 140	4	20
1,2,4-Trimethylbenzene	50.0	49.7		ug/Kg		99	70 - 130	0	20

TestAmerica Pleasanton

QC Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCSD 720-205802/6
Matrix: Solid
Analysis Batch: 205802

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,3,5-Trimethylbenzene	50.0	48.8		ug/Kg		98	70 - 131	1	20
Vinyl acetate	50.0	65.0		ug/Kg		130	38 - 176	5	20
Vinyl chloride	50.0	51.2		ug/Kg		102	58 - 125	6	20
m-Xylene & p-Xylene	50.0	50.0		ug/Kg		100	70 - 146	0	20
o-Xylene	50.0	50.7		ug/Kg		101	70 - 140	1	20
2,2-Dichloropropane	50.0	56.6		ug/Kg		113	70 - 162	3	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene	97		45 - 131
1,2-Dichloroethane-d4 (Surr)	106		60 - 140
Toluene-d8 (Surr)	95		58 - 140

Lab Sample ID: LCSD 720-205802/8
Matrix: Solid
Analysis Batch: 205802

Client Sample ID: Lab Control Sample Dup
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	1000	1060		ug/Kg		106	61 - 128	3	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene	94		45 - 131
1,2-Dichloroethane-d4 (Surr)	102		60 - 140
Toluene-d8 (Surr)	96		58 - 140

Lab Sample ID: MB 720-205827/4
Matrix: Water
Analysis Batch: 205827

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			07/13/16 08:31	1
Acetone	ND		50		ug/L			07/13/16 08:31	1
Benzene	ND		0.50		ug/L			07/13/16 08:31	1
Dichlorobromomethane	ND		0.50		ug/L			07/13/16 08:31	1
Bromobenzene	ND		1.0		ug/L			07/13/16 08:31	1
Chlorobromomethane	ND		1.0		ug/L			07/13/16 08:31	1
Bromoform	ND		1.0		ug/L			07/13/16 08:31	1
Bromomethane	ND		1.0		ug/L			07/13/16 08:31	1
2-Butanone (MEK)	ND		50		ug/L			07/13/16 08:31	1
n-Butylbenzene	ND		1.0		ug/L			07/13/16 08:31	1
sec-Butylbenzene	ND		1.0		ug/L			07/13/16 08:31	1
tert-Butylbenzene	ND		1.0		ug/L			07/13/16 08:31	1
Carbon disulfide	ND		5.0		ug/L			07/13/16 08:31	1
Carbon tetrachloride	ND		0.50		ug/L			07/13/16 08:31	1
Chlorobenzene	ND		0.50		ug/L			07/13/16 08:31	1
Chloroethane	ND		1.0		ug/L			07/13/16 08:31	1
Chloroform	ND		1.0		ug/L			07/13/16 08:31	1
Chloromethane	ND		1.0		ug/L			07/13/16 08:31	1

TestAmerica Pleasanton

QC Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: MB 720-205827/4
Matrix: Water
Analysis Batch: 205827

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorotoluene	ND		0.50		ug/L			07/13/16 08:31	1
4-Chlorotoluene	ND		0.50		ug/L			07/13/16 08:31	1
Chlorodibromomethane	ND		0.50		ug/L			07/13/16 08:31	1
1,2-Dichlorobenzene	ND		0.50		ug/L			07/13/16 08:31	1
1,3-Dichlorobenzene	ND		0.50		ug/L			07/13/16 08:31	1
1,4-Dichlorobenzene	ND		0.50		ug/L			07/13/16 08:31	1
1,3-Dichloropropane	ND		1.0		ug/L			07/13/16 08:31	1
1,1-Dichloropropene	ND		0.50		ug/L			07/13/16 08:31	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			07/13/16 08:31	1
Ethylene Dibromide	ND		0.50		ug/L			07/13/16 08:31	1
Dibromomethane	ND		0.50		ug/L			07/13/16 08:31	1
Dichlorodifluoromethane	ND		0.50		ug/L			07/13/16 08:31	1
1,1-Dichloroethane	ND		0.50		ug/L			07/13/16 08:31	1
1,2-Dichloroethane	ND		0.50		ug/L			07/13/16 08:31	1
1,1-Dichloroethene	ND		0.50		ug/L			07/13/16 08:31	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			07/13/16 08:31	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			07/13/16 08:31	1
1,2-Dichloropropane	ND		0.50		ug/L			07/13/16 08:31	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			07/13/16 08:31	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			07/13/16 08:31	1
Ethylbenzene	ND		0.50		ug/L			07/13/16 08:31	1
Hexachlorobutadiene	ND		1.0		ug/L			07/13/16 08:31	1
2-Hexanone	ND		50		ug/L			07/13/16 08:31	1
Isopropylbenzene	ND		0.50		ug/L			07/13/16 08:31	1
4-Isopropyltoluene	ND		1.0		ug/L			07/13/16 08:31	1
Methylene Chloride	ND		5.0		ug/L			07/13/16 08:31	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/13/16 08:31	1
Naphthalene	ND		1.0		ug/L			07/13/16 08:31	1
N-Propylbenzene	ND		1.0		ug/L			07/13/16 08:31	1
Styrene	ND		0.50		ug/L			07/13/16 08:31	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			07/13/16 08:31	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			07/13/16 08:31	1
Tetrachloroethene	ND		0.50		ug/L			07/13/16 08:31	1
Toluene	ND		0.50		ug/L			07/13/16 08:31	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			07/13/16 08:31	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			07/13/16 08:31	1
1,1,1-Trichloroethane	ND		0.50		ug/L			07/13/16 08:31	1
1,1,2-Trichloroethane	ND		0.50		ug/L			07/13/16 08:31	1
Trichloroethene	ND		0.50		ug/L			07/13/16 08:31	1
Trichlorofluoromethane	ND		1.0		ug/L			07/13/16 08:31	1
1,2,3-Trichloropropane	ND		0.50		ug/L			07/13/16 08:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			07/13/16 08:31	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			07/13/16 08:31	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			07/13/16 08:31	1
Vinyl acetate	ND		10		ug/L			07/13/16 08:31	1
Vinyl chloride	ND		0.50		ug/L			07/13/16 08:31	1
Xylenes, Total	ND		1.0		ug/L			07/13/16 08:31	1
2,2-Dichloropropane	ND		0.50		ug/L			07/13/16 08:31	1

TestAmerica Pleasanton

QC Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: MB 720-205827/4
Matrix: Water
Analysis Batch: 205827

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			07/13/16 08:31	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	91		67 - 130		07/13/16 08:31	1
1,2-Dichloroethane-d4 (Surr)	103		72 - 130		07/13/16 08:31	1
Toluene-d8 (Surr)	94		70 - 130		07/13/16 08:31	1

Lab Sample ID: LCS 720-205827/5
Matrix: Water
Analysis Batch: 205827

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl tert-butyl ether	25.0	25.3		ug/L		101	62 - 130
Acetone	125	97.8		ug/L		78	26 - 180
Benzene	25.0	24.6		ug/L		99	79 - 130
Dichlorobromomethane	25.0	26.7		ug/L		107	70 - 130
Bromobenzene	25.0	22.3		ug/L		89	70 - 130
Chlorobromomethane	25.0	24.2		ug/L		97	70 - 130
Bromoform	25.0	25.5		ug/L		102	68 - 136
Bromomethane	25.0	25.9		ug/L		103	43 - 151
2-Butanone (MEK)	125	103		ug/L		82	54 - 130
n-Butylbenzene	25.0	25.5		ug/L		102	70 - 142
sec-Butylbenzene	25.0	24.8		ug/L		99	70 - 134
tert-Butylbenzene	25.0	23.6		ug/L		95	70 - 135
Carbon disulfide	25.0	26.2		ug/L		105	58 - 130
Carbon tetrachloride	25.0	26.5		ug/L		106	70 - 146
Chlorobenzene	25.0	23.4		ug/L		93	70 - 130
Chloroethane	25.0	25.3		ug/L		101	62 - 138
Chloroform	25.0	25.6		ug/L		102	70 - 130
Chloromethane	25.0	25.9		ug/L		103	52 - 175
2-Chlorotoluene	25.0	23.7		ug/L		95	70 - 130
4-Chlorotoluene	25.0	24.0		ug/L		96	70 - 130
Chlorodibromomethane	25.0	25.2		ug/L		101	70 - 145
1,2-Dichlorobenzene	25.0	22.6		ug/L		91	70 - 130
1,3-Dichlorobenzene	25.0	22.9		ug/L		92	70 - 130
1,4-Dichlorobenzene	25.0	23.1		ug/L		93	70 - 130
1,3-Dichloropropane	25.0	25.2		ug/L		101	70 - 130
1,1-Dichloropropane	25.0	25.6		ug/L		102	70 - 130
1,2-Dibromo-3-Chloropropane	25.0	24.1		ug/L		97	70 - 136
Ethylene Dibromide	25.0	25.8		ug/L		103	70 - 130
Dibromomethane	25.0	24.9		ug/L		100	70 - 130
Dichlorodifluoromethane	25.0	26.9		ug/L		107	32 - 158
1,1-Dichloroethane	25.0	25.0		ug/L		100	70 - 130
1,2-Dichloroethane	25.0	25.5		ug/L		102	61 - 132
1,1-Dichloroethene	25.0	24.4		ug/L		98	64 - 128
cis-1,2-Dichloroethene	25.0	26.3		ug/L		105	70 - 130
trans-1,2-Dichloroethene	25.0	25.5		ug/L		102	68 - 130

TestAmerica Pleasanton

QC Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCS 720-205827/5
Matrix: Water
Analysis Batch: 205827

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichloropropane	25.0	25.8		ug/L		103	70 - 130
cis-1,3-Dichloropropene	25.0	26.7		ug/L		107	70 - 130
trans-1,3-Dichloropropene	25.0	25.8		ug/L		103	70 - 140
Ethylbenzene	25.0	24.6		ug/L		98	80 - 120
Hexachlorobutadiene	25.0	23.5		ug/L		94	70 - 130
2-Hexanone	125	102		ug/L		81	60 - 164
Isopropylbenzene	25.0	25.4		ug/L		102	70 - 130
4-Isopropyltoluene	25.0	24.7		ug/L		99	70 - 130
Methylene Chloride	25.0	25.2		ug/L		101	70 - 147
4-Methyl-2-pentanone (MIBK)	125	103		ug/L		83	58 - 130
Naphthalene	25.0	22.5		ug/L		90	50 - 130
N-Propylbenzene	25.0	24.4		ug/L		98	70 - 130
Styrene	25.0	25.2		ug/L		101	70 - 130
1,1,1,2-Tetrachloroethane	25.0	24.1		ug/L		97	70 - 130
1,1,1,2-Tetrachloroethane	25.0	23.4		ug/L		94	70 - 130
Tetrachloroethene	25.0	23.9		ug/L		95	70 - 130
Toluene	25.0	24.2		ug/L		97	78 - 120
1,2,3-Trichlorobenzene	25.0	22.1		ug/L		88	70 - 130
1,2,4-Trichlorobenzene	25.0	23.2		ug/L		93	70 - 130
1,1,1-Trichloroethane	25.0	27.0		ug/L		108	70 - 130
1,1,2-Trichloroethane	25.0	25.0		ug/L		100	70 - 130
Trichloroethene	25.0	24.5		ug/L		98	70 - 130
Trichlorofluoromethane	25.0	26.6		ug/L		106	66 - 132
1,2,3-Trichloropropane	25.0	23.7		ug/L		95	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	24.6		ug/L		98	42 - 162
1,2,4-Trimethylbenzene	25.0	24.8		ug/L		99	70 - 132
1,3,5-Trimethylbenzene	25.0	24.5		ug/L		98	70 - 130
Vinyl acetate	25.0	28.6		ug/L		114	43 - 163
Vinyl chloride	25.0	24.2		ug/L		97	54 - 135
m-Xylene & p-Xylene	25.0	24.6		ug/L		98	70 - 142
o-Xylene	25.0	25.0		ug/L		100	70 - 130
2,2-Dichloropropane	25.0	27.0		ug/L		108	70 - 140

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	96		67 - 130
1,2-Dichloroethane-d4 (Surr)	101		72 - 130
Toluene-d8 (Surr)	96		70 - 130

Lab Sample ID: LCS 720-205827/7
Matrix: Water
Analysis Batch: 205827

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO) -C5-C12	500	537		ug/L		107	71 - 125

TestAmerica Pleasanton

QC Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCS 720-205827/7
Matrix: Water
Analysis Batch: 205827

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene	95		67 - 130
1,2-Dichloroethane-d4 (Surr)	108		72 - 130
Toluene-d8 (Surr)	96		70 - 130

Lab Sample ID: LCSD 720-205827/6
Matrix: Water
Analysis Batch: 205827

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	
								RPD	Limit
Methyl tert-butyl ether	25.0	26.2		ug/L		105	62 - 130	4	20
Acetone	125	107		ug/L		86	26 - 180	9	30
Benzene	25.0	24.6		ug/L		98	79 - 130	0	20
Dichlorobromomethane	25.0	26.8		ug/L		107	70 - 130	0	20
Bromobenzene	25.0	22.1		ug/L		88	70 - 130	1	20
Chlorobromomethane	25.0	24.6		ug/L		98	70 - 130	1	20
Bromoform	25.0	26.5		ug/L		106	68 - 136	4	20
Bromomethane	25.0	26.5		ug/L		106	43 - 151	3	20
2-Butanone (MEK)	125	110		ug/L		88	54 - 130	7	20
n-Butylbenzene	25.0	25.1		ug/L		100	70 - 142	2	20
sec-Butylbenzene	25.0	24.5		ug/L		98	70 - 134	1	20
tert-Butylbenzene	25.0	23.4		ug/L		93	70 - 135	1	20
Carbon disulfide	25.0	25.9		ug/L		103	58 - 130	1	20
Carbon tetrachloride	25.0	26.4		ug/L		106	70 - 146	0	20
Chlorobenzene	25.0	23.4		ug/L		94	70 - 130	0	20
Chloroethane	25.0	25.7		ug/L		103	62 - 138	2	20
Chloroform	25.0	25.9		ug/L		103	70 - 130	1	20
Chloromethane	25.0	26.3		ug/L		105	52 - 175	2	20
2-Chlorotoluene	25.0	23.5		ug/L		94	70 - 130	1	20
4-Chlorotoluene	25.0	23.9		ug/L		96	70 - 130	0	20
Chlorodibromomethane	25.0	25.9		ug/L		104	70 - 145	3	20
1,2-Dichlorobenzene	25.0	22.6		ug/L		90	70 - 130	0	20
1,3-Dichlorobenzene	25.0	22.9		ug/L		91	70 - 130	0	20
1,4-Dichlorobenzene	25.0	23.1		ug/L		93	70 - 130	0	20
1,3-Dichloropropane	25.0	26.0		ug/L		104	70 - 130	3	20
1,1-Dichloropropane	25.0	25.6		ug/L		102	70 - 130	0	20
1,2-Dibromo-3-Chloropropane	25.0	25.3		ug/L		101	70 - 136	4	20
Ethylene Dibromide	25.0	26.3		ug/L		105	70 - 130	2	20
Dibromomethane	25.0	25.3		ug/L		101	70 - 130	1	20
Dichlorodifluoromethane	25.0	27.6		ug/L		110	32 - 158	3	20
1,1-Dichloroethane	25.0	25.1		ug/L		101	70 - 130	0	20
1,2-Dichloroethane	25.0	26.2		ug/L		105	61 - 132	3	20
1,1-Dichloroethene	25.0	24.4		ug/L		98	64 - 128	0	20
cis-1,2-Dichloroethene	25.0	26.8		ug/L		107	70 - 130	2	20
trans-1,2-Dichloroethene	25.0	25.3		ug/L		101	68 - 130	1	20
1,2-Dichloropropane	25.0	26.2		ug/L		105	70 - 130	1	20
cis-1,3-Dichloropropene	25.0	27.2		ug/L		109	70 - 130	2	20
trans-1,3-Dichloropropene	25.0	26.5		ug/L		106	70 - 140	3	20
Ethylbenzene	25.0	24.5		ug/L		98	80 - 120	0	20

TestAmerica Pleasanton

QC Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCSD 720-205827/6
Matrix: Water
Analysis Batch: 205827

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Hexachlorobutadiene	25.0	23.1		ug/L		92	70 - 130	2	20
2-Hexanone	125	111		ug/L		89	60 - 164	9	20
Isopropylbenzene	25.0	25.5		ug/L		102	70 - 130	0	20
4-Isopropyltoluene	25.0	24.4		ug/L		98	70 - 130	1	20
Methylene Chloride	25.0	25.3		ug/L		101	70 - 147	0	20
4-Methyl-2-pentanone (MIBK)	125	111		ug/L		89	58 - 130	7	20
Naphthalene	25.0	23.8		ug/L		95	50 - 130	6	20
N-Propylbenzene	25.0	24.1		ug/L		97	70 - 130	1	20
Styrene	25.0	25.4		ug/L		102	70 - 130	1	20
1,1,1,2-Tetrachloroethane	25.0	24.4		ug/L		98	70 - 130	1	20
1,1,2,2-Tetrachloroethane	25.0	24.2		ug/L		97	70 - 130	3	20
Tetrachloroethene	25.0	23.6		ug/L		95	70 - 130	1	20
Toluene	25.0	24.3		ug/L		97	78 - 120	0	20
1,2,3-Trichlorobenzene	25.0	22.7		ug/L		91	70 - 130	3	20
1,2,4-Trichlorobenzene	25.0	22.9		ug/L		92	70 - 130	1	20
1,1,1-Trichloroethane	25.0	27.1		ug/L		108	70 - 130	0	20
1,1,2-Trichloroethane	25.0	25.6		ug/L		103	70 - 130	3	20
Trichloroethene	25.0	24.4		ug/L		97	70 - 130	0	20
Trichlorofluoromethane	25.0	26.3		ug/L		105	66 - 132	1	20
1,2,3-Trichloropropane	25.0	24.4		ug/L		98	70 - 130	3	20
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	24.3		ug/L		97	42 - 162	1	20
1,2,4-Trimethylbenzene	25.0	24.6		ug/L		99	70 - 132	1	20
1,3,5-Trimethylbenzene	25.0	24.3		ug/L		97	70 - 130	1	20
Vinyl acetate	25.0	29.4		ug/L		118	43 - 163	3	20
Vinyl chloride	25.0	24.5		ug/L		98	54 - 135	1	20
m-Xylene & p-Xylene	25.0	24.7		ug/L		99	70 - 142	0	20
o-Xylene	25.0	25.2		ug/L		101	70 - 130	1	20
2,2-Dichloropropane	25.0	27.2		ug/L		109	70 - 140	1	20

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
4-Bromofluorobenzene	98		67 - 130
1,2-Dichloroethane-d4 (Surr)	105		72 - 130
Toluene-d8 (Surr)	96		70 - 130

Lab Sample ID: LCSD 720-205827/8
Matrix: Water
Analysis Batch: 205827

Client Sample ID: Lab Control Sample Dup
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	510		ug/L		102	71 - 125	5	20

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
4-Bromofluorobenzene	96		67 - 130
1,2-Dichloroethane-d4 (Surr)	106		72 - 130
Toluene-d8 (Surr)	96		70 - 130

TestAmerica Pleasanton

QC Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

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

Lab Sample ID: MB 720-205845/1-A
Matrix: Solid
Analysis Batch: 205840

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 205845

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		0.067		mg/Kg		07/13/16 09:59	07/13/16 18:33	1
Acenaphthylene	ND		0.067		mg/Kg		07/13/16 09:59	07/13/16 18:33	1
Acenaphthene	ND		0.067		mg/Kg		07/13/16 09:59	07/13/16 18:33	1
Fluorene	ND		0.067		mg/Kg		07/13/16 09:59	07/13/16 18:33	1
Phenanthrene	ND		0.067		mg/Kg		07/13/16 09:59	07/13/16 18:33	1
Anthracene	ND		0.067		mg/Kg		07/13/16 09:59	07/13/16 18:33	1
Fluoranthene	ND		0.067		mg/Kg		07/13/16 09:59	07/13/16 18:33	1
Pyrene	ND		0.067		mg/Kg		07/13/16 09:59	07/13/16 18:33	1
Benzo[a]anthracene	ND		0.33		mg/Kg		07/13/16 09:59	07/13/16 18:33	1
Chrysene	ND		0.067		mg/Kg		07/13/16 09:59	07/13/16 18:33	1
Benzo[b]fluoranthene	ND		0.067		mg/Kg		07/13/16 09:59	07/13/16 18:33	1
Benzo[k]fluoranthene	ND		0.067		mg/Kg		07/13/16 09:59	07/13/16 18:33	1
Benzo[a]pyrene	ND		0.067		mg/Kg		07/13/16 09:59	07/13/16 18:33	1
Indeno[1,2,3-cd]pyrene	ND		0.067		mg/Kg		07/13/16 09:59	07/13/16 18:33	1
Benzo[g,h,i]perylene	ND		0.067		mg/Kg		07/13/16 09:59	07/13/16 18:33	1
Dibenz(a,h)anthracene	ND		0.067		mg/Kg		07/13/16 09:59	07/13/16 18:33	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	92		21 - 98	07/13/16 09:59	07/13/16 18:33	1
2-Fluorobiphenyl	91		30 - 112	07/13/16 09:59	07/13/16 18:33	1
Terphenyl-d14	92		59 - 134	07/13/16 09:59	07/13/16 18:33	1

Lab Sample ID: LCS 720-205845/2-A
Matrix: Solid
Analysis Batch: 205840

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 205845

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Naphthalene	1.33	1.09		mg/Kg		81	44 - 115
Acenaphthylene	1.33	1.11		mg/Kg		84	61 - 129
Acenaphthene	1.33	1.20		mg/Kg		90	50 - 115
Fluorene	1.33	1.16		mg/Kg		87	54 - 115
Phenanthrene	1.33	1.20		mg/Kg		90	54 - 115
Anthracene	1.33	1.17		mg/Kg		88	55 - 115
Fluoranthene	1.33	1.17		mg/Kg		88	52 - 130
Pyrene	1.33	1.31		mg/Kg		98	48 - 115
Benzo[a]anthracene	1.33	1.19		mg/Kg		89	55 - 115
Chrysene	1.33	1.24		mg/Kg		93	58 - 115
Benzo[b]fluoranthene	1.33	1.20		mg/Kg		90	50 - 119
Benzo[k]fluoranthene	1.33	1.24		mg/Kg		93	55 - 120
Benzo[a]pyrene	1.33	1.24		mg/Kg		93	57 - 122
Indeno[1,2,3-cd]pyrene	1.33	1.19		mg/Kg		89	56 - 115
Benzo[g,h,i]perylene	1.33	1.16		mg/Kg		87	56 - 115
Dibenz(a,h)anthracene	1.33	1.19		mg/Kg		89	57 - 121

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Nitrobenzene-d5	79		21 - 98
2-Fluorobiphenyl	78		30 - 112

TestAmerica Pleasanton

QC Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

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

Lab Sample ID: LCS 720-205845/2-A
Matrix: Solid
Analysis Batch: 205840

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 205845

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Terphenyl-d14	91		59 - 134

Lab Sample ID: 720-73308-5 MS
Matrix: Solid
Analysis Batch: 205840

Client Sample ID: SB-8-1'
Prep Type: Total/NA
Prep Batch: 205845

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Naphthalene	ND		1.32	0.927		mg/Kg		70	40 - 115
Acenaphthylene	ND		1.32	0.968		mg/Kg		73	46 - 115
Acenaphthene	ND		1.32	1.06		mg/Kg		80	45 - 115
Fluorene	ND		1.32	1.03		mg/Kg		78	47 - 115
Phenanthrene	ND		1.32	0.967		mg/Kg		73	34 - 120
Anthracene	ND		1.32	1.04		mg/Kg		79	45 - 115
Fluoranthene	ND		1.32	1.03		mg/Kg		78	34 - 116
Pyrene	ND		1.32	1.12		mg/Kg		85	42 - 119
Benzo[a]anthracene	ND		1.32	1.08		mg/Kg		82	43 - 115
Chrysene	ND		1.32	1.11		mg/Kg		84	43 - 115
Benzo[b]fluoranthene	ND		1.32	1.02		mg/Kg		78	42 - 115
Benzo[k]fluoranthene	ND		1.32	1.13		mg/Kg		86	40 - 115
Benzo[a]pyrene	ND		1.32	1.09		mg/Kg		83	43 - 115
Indeno[1,2,3-cd]pyrene	ND		1.32	1.08		mg/Kg		82	48 - 115
Benzo[g,h,i]perylene	ND		1.32	1.05		mg/Kg		80	50 - 115
Dibenz(a,h)anthracene	ND		1.32	1.09		mg/Kg		83	47 - 115

Surrogate	MS %Recovery	MS Qualifier	Limits
Nitrobenzene-d5	68		21 - 98
2-Fluorobiphenyl	71		30 - 112
Terphenyl-d14	79		59 - 134

Lab Sample ID: 720-73308-5 MSD
Matrix: Solid
Analysis Batch: 205840

Client Sample ID: SB-8-1'
Prep Type: Total/NA
Prep Batch: 205845

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Naphthalene	ND		1.32	0.983		mg/Kg		75	40 - 115	6	35
Acenaphthylene	ND		1.32	0.990		mg/Kg		75	46 - 115	2	35
Acenaphthene	ND		1.32	1.08		mg/Kg		82	45 - 115	3	35
Fluorene	ND		1.32	1.08		mg/Kg		82	47 - 115	4	35
Phenanthrene	ND		1.32	1.07		mg/Kg		81	34 - 120	10	35
Anthracene	ND		1.32	1.07		mg/Kg		81	45 - 115	3	35
Fluoranthene	ND		1.32	1.05		mg/Kg		80	34 - 116	1	35
Pyrene	ND		1.32	1.18		mg/Kg		89	42 - 119	5	35
Benzo[a]anthracene	ND		1.32	1.07		mg/Kg		81	43 - 115	1	35
Chrysene	ND		1.32	1.12		mg/Kg		85	43 - 115	1	35
Benzo[b]fluoranthene	ND		1.32	1.04		mg/Kg		79	42 - 115	2	35
Benzo[k]fluoranthene	ND		1.32	1.13		mg/Kg		86	40 - 115	0	35
Benzo[a]pyrene	ND		1.32	1.11		mg/Kg		84	43 - 115	2	35
Indeno[1,2,3-cd]pyrene	ND		1.32	1.09		mg/Kg		83	48 - 115	1	35

TestAmerica Pleasanton

QC Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

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

Lab Sample ID: 720-73308-5 MSD
Matrix: Solid
Analysis Batch: 205840

Client Sample ID: SB-8-1'
Prep Type: Total/NA
Prep Batch: 205845

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzo[g,h,i]perylene	ND		1.32	1.07		mg/Kg		81	50 - 115	1	35
Dibenz(a,h)anthracene	ND		1.32	1.10		mg/Kg		83	47 - 115	1	35
Surrogate	%Recovery	MSD Qualifier	MSD Limits								
Nitrobenzene-d5	72		21 - 98								
2-Fluorobiphenyl	73		30 - 112								
Terphenyl-d14	81		59 - 134								

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

Lab Sample ID: MB 720-205842/1-A
Matrix: Solid
Analysis Batch: 205828

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 205842

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Diesel Range Organics [C10-C28]	ND		1.0		mg/Kg		07/13/16 09:57	07/13/16 23:08	1	
Motor Oil Range Organics [C24-C36]	ND		50		mg/Kg		07/13/16 09:57	07/13/16 23:08	1	
TPH-Hydraulic Oil Range (C19-C36)	ND		50		mg/Kg		07/13/16 09:57	07/13/16 23:08	1	
Surrogate	%Recovery	MB Qualifier	MB Limits	Prepared	Analyzed	Dil Fac				
p-Terphenyl	107		40 - 130	07/13/16 09:57	07/13/16 23:08	1				

Lab Sample ID: LCS 720-205842/2-A
Matrix: Solid
Analysis Batch: 205828

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 205842

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics [C10-C28]	83.3	85.2		mg/Kg		102	50 - 150
Surrogate	%Recovery	LCS Qualifier	LCS Limits				
p-Terphenyl	105		40 - 130				

Lab Sample ID: 720-73308-12 MS
Matrix: Solid
Analysis Batch: 205828

Client Sample ID: SB-4-3'
Prep Type: Total/NA
Prep Batch: 205842

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics [C10-C28]	ND		82.8	79.5		mg/Kg		95	50 - 150
Surrogate	%Recovery	MS Qualifier	MS Limits						
p-Terphenyl	97		40 - 130						

TestAmerica Pleasanton

QC Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

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

Lab Sample ID: 720-73308-12 MSD

Matrix: Solid
Analysis Batch: 205828

Client Sample ID: SB-4-3'

Prep Type: Total/NA
Prep Batch: 205842

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	ND		82.9	77.8		mg/Kg		93	50 - 150	2	30
Surrogate		MSD %Recovery		MSD Qualifier					Limits		
<i>p-Terphenyl</i>		94							40 - 130		

Lab Sample ID: MB 720-205844/1-A

Matrix: Water
Analysis Batch: 205828

Client Sample ID: Method Blank

Prep Type: Total/NA
Prep Batch: 205844

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		50		ug/L		07/13/16 09:59	07/14/16 00:21	1
Motor Oil Range Organics [C24-C36]	ND		99		ug/L		07/13/16 09:59	07/14/16 00:21	1
TPH-Hydraulic Oil Range (C19-C36)	ND		99		ug/L		07/13/16 09:59	07/14/16 00:21	1
Surrogate		MB %Recovery		MB Qualifier			Prepared	Analyzed	Dil Fac
<i>p-Terphenyl</i>		106					07/13/16 09:59	07/14/16 00:21	1

Lab Sample ID: LCS 720-205844/2-A

Matrix: Water
Analysis Batch: 205828

Client Sample ID: Lab Control Sample

Prep Type: Total/NA
Prep Batch: 205844

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics [C10-C28]	2500	2030		ug/L		81	34 - 115
Surrogate		LCS %Recovery					Limits
<i>p-Terphenyl</i>		110					23 - 156

Lab Sample ID: LCSD 720-205844/3-A

Matrix: Water
Analysis Batch: 205828

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA
Prep Batch: 205844

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	2500	2120		ug/L		85	34 - 115	4	35
Surrogate		LCSD %Recovery					Limits		
<i>p-Terphenyl</i>		96					23 - 156		

QC Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

Method: 8081A - Organochlorine Pesticides (GC)

Lab Sample ID: MB 720-205856/1-A
Matrix: Solid
Analysis Batch: 205869

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 205856

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		2.0		ug/Kg		07/13/16 11:39	07/13/16 20:51	1
Dieldrin	ND		2.0		ug/Kg		07/13/16 11:39	07/13/16 20:51	1
Endrin aldehyde	ND		2.0		ug/Kg		07/13/16 11:39	07/13/16 20:51	1
Endrin	ND		2.0		ug/Kg		07/13/16 11:39	07/13/16 20:51	1
Endrin ketone	ND		2.0		ug/Kg		07/13/16 11:39	07/13/16 20:51	1
Heptachlor	ND		2.0		ug/Kg		07/13/16 11:39	07/13/16 20:51	1
Heptachlor epoxide	ND		2.0		ug/Kg		07/13/16 11:39	07/13/16 20:51	1
4,4'-DDT	ND		2.0		ug/Kg		07/13/16 11:39	07/13/16 20:51	1
4,4'-DDE	ND		2.0		ug/Kg		07/13/16 11:39	07/13/16 20:51	1
4,4'-DDD	ND		2.0		ug/Kg		07/13/16 11:39	07/13/16 20:51	1
Endosulfan I	ND		2.0		ug/Kg		07/13/16 11:39	07/13/16 20:51	1
Endosulfan II	ND		2.0		ug/Kg		07/13/16 11:39	07/13/16 20:51	1
alpha-BHC	ND		2.0		ug/Kg		07/13/16 11:39	07/13/16 20:51	1
beta-BHC	ND		2.0		ug/Kg		07/13/16 11:39	07/13/16 20:51	1
gamma-BHC (Lindane)	ND		2.0		ug/Kg		07/13/16 11:39	07/13/16 20:51	1
delta-BHC	ND		2.0		ug/Kg		07/13/16 11:39	07/13/16 20:51	1
Endosulfan sulfate	ND		2.0		ug/Kg		07/13/16 11:39	07/13/16 20:51	1
Methoxychlor	ND		2.0		ug/Kg		07/13/16 11:39	07/13/16 20:51	1
Toxaphene	ND		40		ug/Kg		07/13/16 11:39	07/13/16 20:51	1
Chlordane (technical)	ND		40		ug/Kg		07/13/16 11:39	07/13/16 20:51	1
alpha-Chlordane	ND		2.0		ug/Kg		07/13/16 11:39	07/13/16 20:51	1
gamma-Chlordane	ND		2.0		ug/Kg		07/13/16 11:39	07/13/16 20:51	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	91		57 - 122				07/13/16 11:39	07/13/16 20:51	1
DCB Decachlorobiphenyl	100		21 - 136				07/13/16 11:39	07/13/16 20:51	1

Lab Sample ID: LCS 720-205856/2-A
Matrix: Solid
Analysis Batch: 205869

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 205856

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Aldrin	16.7	13.2		ug/Kg		79	65 - 120
Dieldrin	16.7	16.0		ug/Kg		96	72 - 120
Endrin aldehyde	16.7	16.2		ug/Kg		97	68 - 120
Endrin	16.7	16.7		ug/Kg		100	68 - 120
Endrin ketone	16.7	17.9		ug/Kg		108	84 - 133
Heptachlor	16.7	15.7		ug/Kg		94	69 - 120
Heptachlor epoxide	16.7	16.3		ug/Kg		98	68 - 120
4,4'-DDT	16.7	17.3		ug/Kg		104	63 - 127
4,4'-DDE	16.7	16.9		ug/Kg		101	84 - 126
4,4'-DDD	16.7	16.9		ug/Kg		101	85 - 128
Endosulfan I	16.7	16.3		ug/Kg		98	62 - 120
Endosulfan II	16.7	16.8		ug/Kg		101	65 - 120
alpha-BHC	16.7	15.6		ug/Kg		94	62 - 120
beta-BHC	16.7	18.5		ug/Kg		111	74 - 124
gamma-BHC (Lindane)	16.7	15.9		ug/Kg		95	72 - 120
delta-BHC	16.7	15.4		ug/Kg		92	43 - 125

TestAmerica Pleasanton

QC Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCS 720-205856/2-A
Matrix: Solid
Analysis Batch: 205869

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 205856

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Endosulfan sulfate	16.7	16.8		ug/Kg		101	74 - 121
Methoxychlor	16.7	16.5		ug/Kg		99	71 - 132
alpha-Chlordane	16.7	15.8		ug/Kg		95	70 - 120
gamma-Chlordane	16.7	15.7		ug/Kg		94	68 - 120
LCS LCS							
Surrogate	%Recovery	Qualifier	Limits				
Tetrachloro-m-xylene	90		57 - 122				
DCB Decachlorobiphenyl	97		21 - 136				

Lab Sample ID: 720-73308-8 MS
Matrix: Solid
Analysis Batch: 205869

Client Sample ID: SB-9-2'
Prep Type: Total/NA
Prep Batch: 205856

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aldrin	ND		16.4	14.5		ug/Kg		88	53 - 120
Dieldrin	ND		16.4	15.7		ug/Kg		96	46 - 130
Endrin aldehyde	ND		16.4	16.9		ug/Kg		103	40 - 120
Endrin	ND		16.4	19.1		ug/Kg		116	32 - 143
Endrin ketone	ND		16.4	17.6		ug/Kg		107	40 - 120
Heptachlor	ND		16.4	15.2		ug/Kg		92	52 - 120
Heptachlor epoxide	ND		16.4	16.1		ug/Kg		98	40 - 120
4,4'-DDT	ND		16.4	18.7		ug/Kg		114	17 - 144
4,4'-DDE	ND		16.4	17.3		ug/Kg		105	40 - 120
4,4'-DDD	ND		16.4	18.1		ug/Kg		110	40 - 120
Endosulfan I	ND		16.4	15.9		ug/Kg		97	40 - 120
Endosulfan II	ND		16.4	17.2		ug/Kg		105	40 - 120
alpha-BHC	ND		16.4	15.6		ug/Kg		95	40 - 120
beta-BHC	ND		16.4	19.0		ug/Kg		115	40 - 120
gamma-BHC (Lindane)	ND		16.4	15.9		ug/Kg		97	58 - 120
delta-BHC	ND		16.4	16.3		ug/Kg		99	40 - 120
Endosulfan sulfate	ND		16.4	18.0		ug/Kg		109	40 - 120
Methoxychlor	ND		16.4	16.3		ug/Kg		99	40 - 120
alpha-Chlordane	ND		16.4	15.5		ug/Kg		94	40 - 120
gamma-Chlordane	ND		16.4	15.8		ug/Kg		96	40 - 120
MS MS									
Surrogate	%Recovery	Qualifier	Limits						
Tetrachloro-m-xylene	87		57 - 122						
DCB Decachlorobiphenyl	96		21 - 136						

Lab Sample ID: 720-73308-8 MSD
Matrix: Solid
Analysis Batch: 205869

Client Sample ID: SB-9-2'
Prep Type: Total/NA
Prep Batch: 205856

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Aldrin	ND		16.4	13.8		ug/Kg		84	53 - 120	5	20
Dieldrin	ND		16.4	14.9		ug/Kg		91	46 - 130	6	20
Endrin aldehyde	ND		16.4	14.2		ug/Kg		87	40 - 120	17	20
Endrin	ND		16.4	16.0		ug/Kg		97	32 - 143	18	20

TestAmerica Pleasanton

QC Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: 720-73308-8 MSD
Matrix: Solid
Analysis Batch: 205869

Client Sample ID: SB-9-2'
Prep Type: Total/NA
Prep Batch: 205856

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Endrin ketone	ND		16.4	16.4		ug/Kg		100	40 - 120	7	20
Heptachlor	ND		16.4	14.2		ug/Kg		87	52 - 120	6	20
Heptachlor epoxide	ND		16.4	15.4		ug/Kg		94	40 - 120	5	20
4,4'-DDT	ND		16.4	16.8		ug/Kg		103	17 - 144	11	20
4,4'-DDE	ND		16.4	15.0		ug/Kg		92	40 - 120	14	20
4,4'-DDD	ND		16.4	16.6		ug/Kg		101	40 - 120	9	20
Endosulfan I	ND		16.4	15.2		ug/Kg		93	40 - 120	4	20
Endosulfan II	ND		16.4	15.1		ug/Kg		92	40 - 120	13	30
alpha-BHC	ND		16.4	14.9		ug/Kg		91	40 - 120	5	20
beta-BHC	ND		16.4	18.0		ug/Kg		110	40 - 120	5	20
gamma-BHC (Lindane)	ND		16.4	15.1		ug/Kg		92	58 - 120	5	20
delta-BHC	ND		16.4	15.0		ug/Kg		92	40 - 120	8	20
Endosulfan sulfate	ND		16.4	18.0		ug/Kg		110	40 - 120	0	20
Methoxychlor	ND		16.4	14.4		ug/Kg		88	40 - 120	12	20
alpha-Chlordane	ND		16.4	14.7		ug/Kg		90	40 - 120	5	20
gamma-Chlordane	ND		16.4	14.7		ug/Kg		90	40 - 120	7	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Tetrachloro-m-xylene	82		57 - 122
DCB Decachlorobiphenyl	92		21 - 136

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

Lab Sample ID: MB 720-205871/1-A
Matrix: Solid
Analysis Batch: 205834

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 205871

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
PCB-1016	ND		50		ug/Kg		07/13/16 14:28	07/13/16 19:47	1
PCB-1221	ND		50		ug/Kg		07/13/16 14:28	07/13/16 19:47	1
PCB-1232	ND		50		ug/Kg		07/13/16 14:28	07/13/16 19:47	1
PCB-1242	ND		50		ug/Kg		07/13/16 14:28	07/13/16 19:47	1
PCB-1248	ND		50		ug/Kg		07/13/16 14:28	07/13/16 19:47	1
PCB-1254	ND		50		ug/Kg		07/13/16 14:28	07/13/16 19:47	1
PCB-1260	ND		50		ug/Kg		07/13/16 14:28	07/13/16 19:47	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	96		45 - 132	07/13/16 14:28	07/13/16 19:47	1
DCB Decachlorobiphenyl	67		42 - 146	07/13/16 14:28	07/13/16 19:47	1

Lab Sample ID: LCS 720-205871/2-A
Matrix: Solid
Analysis Batch: 205834

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 205871

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec.
		Result	Qualifier				Limits
PCB-1016	133	116		ug/Kg		87	65 - 121
PCB-1260	133	98.9		ug/Kg		74	68 - 127

TestAmerica Pleasanton

QC Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

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

Lab Sample ID: LCS 720-205871/2-A
Matrix: Solid
Analysis Batch: 205834

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 205871

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	95		45 - 132
DCB Decachlorobiphenyl	70		42 - 146

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 720-205817/1-A
Matrix: Solid
Analysis Batch: 205905

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 205817

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.50		mg/Kg		07/12/16 19:10	07/13/16 18:20	1
Arsenic	ND		1.0		mg/Kg		07/12/16 19:10	07/13/16 18:20	1
Barium	ND		0.50		mg/Kg		07/12/16 19:10	07/13/16 18:20	1
Beryllium	ND		0.10		mg/Kg		07/12/16 19:10	07/13/16 18:20	1
Cadmium	ND		0.13		mg/Kg		07/12/16 19:10	07/13/16 18:20	1
Chromium	ND		0.50		mg/Kg		07/12/16 19:10	07/13/16 18:20	1
Cobalt	ND		0.20		mg/Kg		07/12/16 19:10	07/13/16 18:20	1
Copper	ND		1.5		mg/Kg		07/12/16 19:10	07/13/16 18:20	1
Lead	ND		0.50		mg/Kg		07/12/16 19:10	07/13/16 18:20	1
Molybdenum	ND		0.50		mg/Kg		07/12/16 19:10	07/13/16 18:20	1
Nickel	ND		0.50		mg/Kg		07/12/16 19:10	07/13/16 18:20	1
Selenium	ND		1.0		mg/Kg		07/12/16 19:10	07/13/16 18:20	1
Silver	ND		0.25		mg/Kg		07/12/16 19:10	07/13/16 18:20	1
Thallium	ND		0.50		mg/Kg		07/12/16 19:10	07/13/16 18:20	1
Vanadium	ND		0.50		mg/Kg		07/12/16 19:10	07/13/16 18:20	1
Zinc	ND		1.5		mg/Kg		07/12/16 19:10	07/13/16 18:20	1

Lab Sample ID: LCS 720-205817/2-A
Matrix: Solid
Analysis Batch: 205905

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 205817

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Antimony	50.0	49.2		mg/Kg		98	80 - 120
Arsenic	50.0	49.6		mg/Kg		99	80 - 120
Barium	50.0	49.9		mg/Kg		100	80 - 120
Beryllium	50.0	49.3		mg/Kg		99	80 - 120
Cadmium	50.0	49.8		mg/Kg		100	80 - 120
Chromium	50.0	49.9		mg/Kg		100	80 - 120
Cobalt	50.0	51.1		mg/Kg		102	80 - 120
Copper	50.0	50.2		mg/Kg		100	80 - 120
Lead	50.0	51.2		mg/Kg		102	80 - 120
Molybdenum	50.0	50.5		mg/Kg		101	80 - 120
Nickel	50.0	51.2		mg/Kg		102	80 - 120
Selenium	50.0	48.7		mg/Kg		97	80 - 120
Silver	25.0	24.5		mg/Kg		98	80 - 120
Thallium	50.0	50.5		mg/Kg		101	80 - 120
Vanadium	50.0	49.1		mg/Kg		98	80 - 120
Zinc	50.0	49.4		mg/Kg		99	80 - 120

TestAmerica Pleasanton

QC Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

Lab Sample ID: MB 720-205872/1-A
Matrix: Water
Analysis Batch: 205949

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 205872

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.010		mg/L		07/13/16 14:32	07/14/16 11:07	1
Arsenic	ND		0.010		mg/L		07/13/16 14:32	07/14/16 11:07	1
Barium	ND		0.050		mg/L		07/13/16 14:32	07/14/16 11:07	1
Beryllium	ND		0.0020		mg/L		07/13/16 14:32	07/14/16 11:07	1
Cadmium	ND		0.0020		mg/L		07/13/16 14:32	07/14/16 11:07	1
Chromium	ND		0.010		mg/L		07/13/16 14:32	07/14/16 11:07	1
Cobalt	ND		0.0020		mg/L		07/13/16 14:32	07/14/16 11:07	1
Copper	ND		0.020		mg/L		07/13/16 14:32	07/14/16 11:07	1
Lead	ND		0.0050		mg/L		07/13/16 14:32	07/14/16 11:07	1
Molybdenum	ND		0.010		mg/L		07/13/16 14:32	07/14/16 11:07	1
Nickel	ND		0.010		mg/L		07/13/16 14:32	07/14/16 11:07	1
Selenium	ND		0.020		mg/L		07/13/16 14:32	07/14/16 11:07	1
Silver	ND		0.0050		mg/L		07/13/16 14:32	07/14/16 11:07	1
Thallium	ND		0.010		mg/L		07/13/16 14:32	07/14/16 11:07	1
Vanadium	ND		0.010		mg/L		07/13/16 14:32	07/14/16 11:07	1
Zinc	ND		0.020		mg/L		07/13/16 14:32	07/14/16 11:07	1

Lab Sample ID: LCS 720-205872/2-A
Matrix: Water
Analysis Batch: 205949

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 205872

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	1.00	0.975		mg/L		97	80 - 120
Arsenic	1.00	0.980		mg/L		98	80 - 120
Barium	1.00	0.970		mg/L		97	80 - 120
Beryllium	1.00	1.01		mg/L		101	80 - 120
Cadmium	1.00	0.985		mg/L		98	80 - 120
Chromium	1.00	0.985		mg/L		98	80 - 120
Cobalt	1.00	0.997		mg/L		100	80 - 120
Copper	1.00	0.988		mg/L		99	80 - 120
Lead	1.00	0.994		mg/L		99	80 - 120
Molybdenum	1.00	0.989		mg/L		99	80 - 120
Nickel	1.00	1.00		mg/L		100	80 - 120
Selenium	1.00	0.999		mg/L		100	80 - 120
Silver	0.500	0.486		mg/L		97	80 - 120
Thallium	1.00	1.01		mg/L		101	80 - 120
Vanadium	1.00	0.969		mg/L		97	80 - 120
Zinc	1.00	0.987		mg/L		99	80 - 120

Lab Sample ID: MB 720-205788/1-B
Matrix: Water
Analysis Batch: 205949

Client Sample ID: Method Blank
Prep Type: Dissolved
Prep Batch: 205872

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.010		mg/L		07/13/16 14:32	07/14/16 11:13	1
Arsenic	ND		0.010		mg/L		07/13/16 14:32	07/14/16 11:13	1
Barium	ND		0.050		mg/L		07/13/16 14:32	07/14/16 11:13	1
Beryllium	ND		0.0020		mg/L		07/13/16 14:32	07/14/16 11:13	1
Cadmium	ND		0.0020		mg/L		07/13/16 14:32	07/14/16 11:13	1
Chromium	ND		0.010		mg/L		07/13/16 14:32	07/14/16 11:13	1
Cobalt	ND		0.0020		mg/L		07/13/16 14:32	07/14/16 11:13	1

TestAmerica Pleasanton

QC Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

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

Lab Sample ID: MB 720-205788/1-B
Matrix: Water
Analysis Batch: 205949

Client Sample ID: Method Blank
Prep Type: Dissolved
Prep Batch: 205872

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	ND		0.020		mg/L		07/13/16 14:32	07/14/16 11:13	1
Lead	ND		0.0050		mg/L		07/13/16 14:32	07/14/16 11:13	1
Molybdenum	ND		0.010		mg/L		07/13/16 14:32	07/14/16 11:13	1
Nickel	ND		0.010		mg/L		07/13/16 14:32	07/14/16 11:13	1
Selenium	ND		0.020		mg/L		07/13/16 14:32	07/14/16 11:13	1
Silver	ND		0.0050		mg/L		07/13/16 14:32	07/14/16 11:13	1
Thallium	ND		0.010		mg/L		07/13/16 14:32	07/14/16 11:13	1
Vanadium	ND		0.010		mg/L		07/13/16 14:32	07/14/16 11:13	1
Zinc	ND		0.020		mg/L		07/13/16 14:32	07/14/16 11:13	1

Lab Sample ID: 720-73308-4 MS
Matrix: Water
Analysis Batch: 205949

Client Sample ID: SB-2
Prep Type: Dissolved
Prep Batch: 205872

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	ND		1.00	0.994		mg/L		99	75 - 125
Arsenic	ND		1.00	1.01		mg/L		101	75 - 125
Barium	0.052		1.00	1.03		mg/L		98	75 - 125
Beryllium	ND		1.00	1.04		mg/L		104	75 - 125
Cadmium	ND		1.00	0.983		mg/L		98	75 - 125
Chromium	0.014		1.00	1.02		mg/L		100	75 - 125
Cobalt	ND		1.00	0.987		mg/L		99	75 - 125
Copper	ND		1.00	0.989		mg/L		99	75 - 125
Lead	ND		1.00	0.988		mg/L		98	75 - 125
Molybdenum	0.019		1.00	1.02		mg/L		100	75 - 125
Nickel	0.014		1.00	1.00		mg/L		99	75 - 125
Selenium	ND		1.00	1.01		mg/L		101	75 - 125
Silver	ND		0.500	0.488		mg/L		98	75 - 125
Thallium	ND		1.00	0.981		mg/L		98	75 - 125
Vanadium	0.010		1.00	1.01		mg/L		100	75 - 125
Zinc	ND		1.00	0.994		mg/L		99	75 - 125

Lab Sample ID: 720-73308-4 MSD
Matrix: Water
Analysis Batch: 205949

Client Sample ID: SB-2
Prep Type: Dissolved
Prep Batch: 205872

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	ND		1.00	0.979		mg/L		98	75 - 125	2	20
Arsenic	ND		1.00	1.00		mg/L		100	75 - 125	1	20
Barium	0.052		1.00	1.03		mg/L		98	75 - 125	0	20
Beryllium	ND		1.00	1.01		mg/L		101	75 - 125	3	20
Cadmium	ND		1.00	0.975		mg/L		97	75 - 125	1	20
Chromium	0.014		1.00	0.989		mg/L		98	75 - 125	3	20
Cobalt	ND		1.00	0.975		mg/L		97	75 - 125	1	20
Copper	ND		1.00	0.978		mg/L		98	75 - 125	1	20
Lead	ND		1.00	0.975		mg/L		97	75 - 125	1	20
Molybdenum	0.019		1.00	1.01		mg/L		99	75 - 125	1	20
Nickel	0.014		1.00	0.987		mg/L		97	75 - 125	1	20
Selenium	ND		1.00	0.996		mg/L		100	75 - 125	1	20

TestAmerica Pleasanton

QC Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

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

Lab Sample ID: 720-73308-4 MSD
Matrix: Water
Analysis Batch: 205949

Client Sample ID: SB-2
Prep Type: Dissolved
Prep Batch: 205872

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier		Result	Qualifier				Limits		
Silver	ND		0.500	0.488		mg/L		98	75 - 125	0	20
Thallium	ND		1.00	0.970		mg/L		97	75 - 125	1	20
Vanadium	0.010		1.00	0.994		mg/L		98	75 - 125	2	20
Zinc	ND		1.00	0.980		mg/L		98	75 - 125	1	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 720-205890/1-A
Matrix: Water
Analysis Batch: 205944

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 205890

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Mercury	ND		0.00020		mg/L		07/13/16 18:08	07/14/16 10:18	1

Lab Sample ID: LCS 720-205890/2-A
Matrix: Water
Analysis Batch: 205944

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 205890

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec.
		Added	Result				Qualifier
Mercury	0.0100	0.00946		mg/L		95	85 - 115

Lab Sample ID: MB 720-205788/1-C
Matrix: Water
Analysis Batch: 205944

Client Sample ID: Method Blank
Prep Type: Dissolved
Prep Batch: 205890

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Mercury	ND		0.00020		mg/L		07/13/16 18:08	07/14/16 10:25	1

Lab Sample ID: 720-73308-4 MS
Matrix: Water
Analysis Batch: 205944

Client Sample ID: SB-2
Prep Type: Dissolved
Prep Batch: 205890

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.
	Result	Qualifier		Result	Qualifier				Limits
Mercury	ND		0.0100	0.00988		mg/L		99	70 - 130

Lab Sample ID: 720-73308-4 MSD
Matrix: Water
Analysis Batch: 205944

Client Sample ID: SB-2
Prep Type: Dissolved
Prep Batch: 205890

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier		Result	Qualifier				Limits		
Mercury	ND		0.0100	0.00992		mg/L		99	70 - 130	0	20

TestAmerica Pleasanton

QC Sample Results

Client: AECOM
 Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

Method: 7471A - Mercury (CVAA)

Lab Sample ID: MB 720-205884/1-A
Matrix: Solid
Analysis Batch: 205963

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 205884

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.010		mg/Kg		07/13/16 17:08	07/14/16 13:53	1

Lab Sample ID: LCS 720-205884/2-A
Matrix: Solid
Analysis Batch: 205963

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 205884

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Mercury	0.833	0.803		mg/Kg		96	80 - 120

Lab Sample ID: 720-73308-5 MS
Matrix: Solid
Analysis Batch: 205963

Client Sample ID: SB-8-1'
Prep Type: Total/NA
Prep Batch: 205884

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Mercury	0.072		0.704	0.824		mg/Kg		107	75 - 125

Lab Sample ID: 720-73308-5 MSD
Matrix: Solid
Analysis Batch: 205963

Client Sample ID: SB-8-1'
Prep Type: Total/NA
Prep Batch: 205884

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Mercury	0.072		0.769	0.869		mg/Kg		104	75 - 125	5	20

QC Association Summary

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

GC/MS VOA

Prep Batch: 205665

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-73308-12	SB-4-3'	Total/NA	Solid	5035	
720-73308-13	SB-4-10'	Total/NA	Solid	5035	
720-73308-14	SB-4-15'	Total/NA	Solid	5035	
720-73308-16	SB-5-5'	Total/NA	Solid	5035	
720-73308-17	SB-5-9'	Total/NA	Solid	5035	
720-73308-18	SB-5-14'	Total/NA	Solid	5035	

Analysis Batch: 205753

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-73308-4	SB-2	Total/NA	Water	8260B/CA_LUFT MS	
720-73308-11	SB-9	Total/NA	Water	8260B/CA_LUFT MS	
LCS 720-205753/5	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
LCS 720-205753/7	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
LCSD 720-205753/6	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFT MS	
LCSD 720-205753/8	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFT MS	
MB 720-205753/4	Method Blank	Total/NA	Water	8260B/CA_LUFT MS	

Analysis Batch: 205754

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-73308-1	SB-2-4'	Total/NA	Solid	8260B/CA_LUFT MS	205786
720-73308-2	SB-2-10'	Total/NA	Solid	8260B/CA_LUFT MS	205786
720-73308-3	SB-2-15'	Total/NA	Solid	8260B/CA_LUFT MS	205786
720-73308-5	SB-8-1'	Total/NA	Solid	8260B/CA_LUFT MS	205786
720-73308-6	SB-8-8'	Total/NA	Solid	8260B/CA_LUFT MS	205786
720-73308-7	SB-8-13'	Total/NA	Solid	8260B/CA_LUFT MS	205786
720-73308-8	SB-9-2'	Total/NA	Solid	8260B/CA_LUFT MS	205786
720-73308-9	SB-9-6'	Total/NA	Solid	8260B/CA_LUFT MS	205786
720-73308-10	SB-9-14'	Total/NA	Solid	8260B/CA_LUFT MS	205786
LCS 720-205754/5	Lab Control Sample	Total/NA	Solid	8260B/CA_LUFT MS	
LCS 720-205754/7	Lab Control Sample	Total/NA	Solid	8260B/CA_LUFT MS	
LCSD 720-205754/6	Lab Control Sample Dup	Total/NA	Solid	8260B/CA_LUFT MS	
LCSD 720-205754/8	Lab Control Sample Dup	Total/NA	Solid	8260B/CA_LUFT MS	
MB 720-205754/4	Method Blank	Total/NA	Solid	8260B/CA_LUFT MS	

TestAmerica Pleasanton

QC Association Summary

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

GC/MS VOA (Continued)

Prep Batch: 205786

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-73308-1	SB-2-4'	Total/NA	Solid	5035	
720-73308-2	SB-2-10'	Total/NA	Solid	5035	
720-73308-3	SB-2-15'	Total/NA	Solid	5035	
720-73308-5	SB-8-1'	Total/NA	Solid	5035	
720-73308-6	SB-8-8'	Total/NA	Solid	5035	
720-73308-7	SB-8-13'	Total/NA	Solid	5035	
720-73308-8	SB-9-2'	Total/NA	Solid	5035	
720-73308-9	SB-9-6'	Total/NA	Solid	5035	
720-73308-10	SB-9-14'	Total/NA	Solid	5035	

Analysis Batch: 205801

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-73308-19	TB	Total/NA	Water	8260B/CA_LUFT MS	
LCS 720-205801/5	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
LCS 720-205801/7	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
LCSD 720-205801/6	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFT MS	
LCSD 720-205801/8	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFT MS	
MB 720-205801/4	Method Blank	Total/NA	Water	8260B/CA_LUFT MS	

Analysis Batch: 205802

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-73308-12	SB-4-3'	Total/NA	Solid	8260B/CA_LUFT MS	205665
720-73308-13	SB-4-10'	Total/NA	Solid	8260B/CA_LUFT MS	205665
720-73308-14	SB-4-15'	Total/NA	Solid	8260B/CA_LUFT MS	205665
720-73308-16	SB-5-5'	Total/NA	Solid	8260B/CA_LUFT MS	205665
720-73308-17	SB-5-9'	Total/NA	Solid	8260B/CA_LUFT MS	205665
720-73308-18	SB-5-14'	Total/NA	Solid	8260B/CA_LUFT MS	205665
LCS 720-205802/5	Lab Control Sample	Total/NA	Solid	8260B/CA_LUFT MS	
LCS 720-205802/7	Lab Control Sample	Total/NA	Solid	8260B/CA_LUFT MS	
LCSD 720-205802/6	Lab Control Sample Dup	Total/NA	Solid	8260B/CA_LUFT MS	
LCSD 720-205802/8	Lab Control Sample Dup	Total/NA	Solid	8260B/CA_LUFT MS	
MB 720-205802/4	Method Blank	Total/NA	Solid	8260B/CA_LUFT MS	

Analysis Batch: 205827

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-73308-15	SB-4	Total/NA	Water	8260B/CA_LUFT MS	

TestAmerica Pleasanton

QC Association Summary

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

GC/MS VOA (Continued)

Analysis Batch: 205827 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 720-205827/5	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
LCS 720-205827/7	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
LCSD 720-205827/6	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFT MS	
LCSD 720-205827/8	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFT MS	
MB 720-205827/4	Method Blank	Total/NA	Water	8260B/CA_LUFT MS	

GC/MS Semi VOA

Analysis Batch: 205840

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-73308-2	SB-2-10'	Total/NA	Solid	8270C	205845
720-73308-5	SB-8-1'	Total/NA	Solid	8270C	205845
720-73308-5 MS	SB-8-1'	Total/NA	Solid	8270C	205845
720-73308-5 MSD	SB-8-1'	Total/NA	Solid	8270C	205845
720-73308-10	SB-9-14'	Total/NA	Solid	8270C	205845
720-73308-13	SB-4-10'	Total/NA	Solid	8270C	205845
720-73308-16	SB-5-5'	Total/NA	Solid	8270C	205845
LCS 720-205845/2-A	Lab Control Sample	Total/NA	Solid	8270C	205845
MB 720-205845/1-A	Method Blank	Total/NA	Solid	8270C	205845

Prep Batch: 205845

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-73308-2	SB-2-10'	Total/NA	Solid	3546	
720-73308-5	SB-8-1'	Total/NA	Solid	3546	
720-73308-5 MS	SB-8-1'	Total/NA	Solid	3546	
720-73308-5 MSD	SB-8-1'	Total/NA	Solid	3546	
720-73308-10	SB-9-14'	Total/NA	Solid	3546	
720-73308-13	SB-4-10'	Total/NA	Solid	3546	
720-73308-16	SB-5-5'	Total/NA	Solid	3546	
LCS 720-205845/2-A	Lab Control Sample	Total/NA	Solid	3546	
MB 720-205845/1-A	Method Blank	Total/NA	Solid	3546	

GC Semi VOA

Analysis Batch: 205828

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-73308-1	SB-2-4'	Total/NA	Solid	8015B	205842
720-73308-2	SB-2-10'	Total/NA	Solid	8015B	205842
720-73308-3	SB-2-15'	Total/NA	Solid	8015B	205842
720-73308-5	SB-8-1'	Total/NA	Solid	8015B	205842
720-73308-6	SB-8-8'	Total/NA	Solid	8015B	205842
720-73308-7	SB-8-13'	Total/NA	Solid	8015B	205842
720-73308-8	SB-9-2'	Total/NA	Solid	8015B	205842
720-73308-12	SB-4-3'	Total/NA	Solid	8015B	205842
720-73308-12 MS	SB-4-3'	Total/NA	Solid	8015B	205842
720-73308-12 MSD	SB-4-3'	Total/NA	Solid	8015B	205842

TestAmerica Pleasanton

QC Association Summary

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

GC Semi VOA (Continued)

Analysis Batch: 205828 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-73308-16	SB-5-5'	Total/NA	Solid	8015B	205842
720-73308-17	SB-5-9'	Total/NA	Solid	8015B	205842
720-73308-18	SB-5-14'	Total/NA	Solid	8015B	205842
LCS 720-205842/2-A	Lab Control Sample	Total/NA	Solid	8015B	205842
LCS 720-205844/2-A	Lab Control Sample	Total/NA	Water	8015B	205844
LCSD 720-205844/3-A	Lab Control Sample Dup	Total/NA	Water	8015B	205844
MB 720-205842/1-A	Method Blank	Total/NA	Solid	8015B	205842
MB 720-205844/1-A	Method Blank	Total/NA	Water	8015B	205844

Analysis Batch: 205829

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-73308-4	SB-2	Total/NA	Water	8015B	205844
720-73308-9	SB-9-6'	Total/NA	Solid	8015B	205842
720-73308-10	SB-9-14'	Total/NA	Solid	8015B	205842
720-73308-11	SB-9	Total/NA	Water	8015B	205844
720-73308-13	SB-4-10'	Total/NA	Solid	8015B	205842
720-73308-14	SB-4-15'	Total/NA	Solid	8015B	205842
720-73308-15	SB-4	Total/NA	Water	8015B	205844

Analysis Batch: 205834

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-73308-3	SB-2-15'	Total/NA	Solid	8082	205871
720-73308-6	SB-8-8'	Total/NA	Solid	8082	205871
720-73308-10	SB-9-14'	Total/NA	Solid	8082	205871
LCS 720-205871/2-A	Lab Control Sample	Total/NA	Solid	8082	205871
MB 720-205871/1-A	Method Blank	Total/NA	Solid	8082	205871

Prep Batch: 205842

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-73308-1	SB-2-4'	Total/NA	Solid	3546	
720-73308-2	SB-2-10'	Total/NA	Solid	3546	
720-73308-3	SB-2-15'	Total/NA	Solid	3546	
720-73308-5	SB-8-1'	Total/NA	Solid	3546	
720-73308-6	SB-8-8'	Total/NA	Solid	3546	
720-73308-7	SB-8-13'	Total/NA	Solid	3546	
720-73308-8	SB-9-2'	Total/NA	Solid	3546	
720-73308-9	SB-9-6'	Total/NA	Solid	3546	
720-73308-10	SB-9-14'	Total/NA	Solid	3546	
720-73308-12	SB-4-3'	Total/NA	Solid	3546	
720-73308-12 MS	SB-4-3'	Total/NA	Solid	3546	
720-73308-12 MSD	SB-4-3'	Total/NA	Solid	3546	
720-73308-13	SB-4-10'	Total/NA	Solid	3546	
720-73308-14	SB-4-15'	Total/NA	Solid	3546	
720-73308-16	SB-5-5'	Total/NA	Solid	3546	
720-73308-17	SB-5-9'	Total/NA	Solid	3546	
720-73308-18	SB-5-14'	Total/NA	Solid	3546	
LCS 720-205842/2-A	Lab Control Sample	Total/NA	Solid	3546	
MB 720-205842/1-A	Method Blank	Total/NA	Solid	3546	

TestAmerica Pleasanton

QC Association Summary

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

GC Semi VOA (Continued)

Prep Batch: 205844

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-73308-4	SB-2	Total/NA	Water	3510C	
720-73308-11	SB-9	Total/NA	Water	3510C	
720-73308-15	SB-4	Total/NA	Water	3510C	
LCS 720-205844/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCS 720-205844/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
MB 720-205844/1-A	Method Blank	Total/NA	Water	3510C	

Prep Batch: 205856

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-73308-1	SB-2-4'	Total/NA	Solid	3546	
720-73308-5	SB-8-1'	Total/NA	Solid	3546	
720-73308-8	SB-9-2'	Total/NA	Solid	3546	
720-73308-8 MS	SB-9-2'	Total/NA	Solid	3546	
720-73308-8 MSD	SB-9-2'	Total/NA	Solid	3546	
720-73308-12	SB-4-3'	Total/NA	Solid	3546	
720-73308-16	SB-5-5'	Total/NA	Solid	3546	
LCS 720-205856/2-A	Lab Control Sample	Total/NA	Solid	3546	
MB 720-205856/1-A	Method Blank	Total/NA	Solid	3546	

Analysis Batch: 205869

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-73308-1	SB-2-4'	Total/NA	Solid	8081A	205856
720-73308-5	SB-8-1'	Total/NA	Solid	8081A	205856
720-73308-8	SB-9-2'	Total/NA	Solid	8081A	205856
720-73308-8 MS	SB-9-2'	Total/NA	Solid	8081A	205856
720-73308-8 MSD	SB-9-2'	Total/NA	Solid	8081A	205856
720-73308-12	SB-4-3'	Total/NA	Solid	8081A	205856
720-73308-16	SB-5-5'	Total/NA	Solid	8081A	205856
LCS 720-205856/2-A	Lab Control Sample	Total/NA	Solid	8081A	205856
MB 720-205856/1-A	Method Blank	Total/NA	Solid	8081A	205856

Prep Batch: 205871

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-73308-3	SB-2-15'	Total/NA	Solid	3546	
720-73308-6	SB-8-8'	Total/NA	Solid	3546	
720-73308-10	SB-9-14'	Total/NA	Solid	3546	
LCS 720-205871/2-A	Lab Control Sample	Total/NA	Solid	3546	
MB 720-205871/1-A	Method Blank	Total/NA	Solid	3546	

Metals

Filtration Batch: 205788

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-73308-4	SB-2	Dissolved	Water	FILTRATION	
720-73308-4 MS	SB-2	Dissolved	Water	FILTRATION	
720-73308-4 MSD	SB-2	Dissolved	Water	FILTRATION	
720-73308-11	SB-9	Dissolved	Water	FILTRATION	
720-73308-15	SB-4	Dissolved	Water	FILTRATION	
MB 720-205788/1-B	Method Blank	Dissolved	Water	FILTRATION	
MB 720-205788/1-C	Method Blank	Dissolved	Water	FILTRATION	

TestAmerica Pleasanton

QC Association Summary

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

Metals (Continued)

Prep Batch: 205817

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-73308-5	SB-8-1'	Total/NA	Solid	3050B	
720-73308-6	SB-8-8'	Total/NA	Solid	3050B	
720-73308-7	SB-8-13'	Total/NA	Solid	3050B	
720-73308-8	SB-9-2'	Total/NA	Solid	3050B	
720-73308-9	SB-9-6'	Total/NA	Solid	3050B	
720-73308-10	SB-9-14'	Total/NA	Solid	3050B	
720-73308-12	SB-4-3'	Total/NA	Solid	3050B	
720-73308-13	SB-4-10'	Total/NA	Solid	3050B	
720-73308-14	SB-4-15'	Total/NA	Solid	3050B	
720-73308-16	SB-5-5'	Total/NA	Solid	3050B	
720-73308-17	SB-5-9'	Total/NA	Solid	3050B	
720-73308-18	SB-5-14'	Total/NA	Solid	3050B	
LCS 720-205817/2-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 720-205817/1-A	Method Blank	Total/NA	Solid	3050B	

Prep Batch: 205872

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-73308-4	SB-2	Dissolved	Water	3005A	205788
720-73308-4 MS	SB-2	Dissolved	Water	3005A	205788
720-73308-4 MSD	SB-2	Dissolved	Water	3005A	205788
720-73308-11	SB-9	Dissolved	Water	3005A	205788
720-73308-15	SB-4	Dissolved	Water	3005A	205788
LCS 720-205872/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
MB 720-205788/1-B	Method Blank	Dissolved	Water	3005A	205788
MB 720-205872/1-A	Method Blank	Total Recoverable	Water	3005A	

Prep Batch: 205884

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-73308-5	SB-8-1'	Total/NA	Solid	7471A	
720-73308-5 MS	SB-8-1'	Total/NA	Solid	7471A	
720-73308-5 MSD	SB-8-1'	Total/NA	Solid	7471A	
720-73308-6	SB-8-8'	Total/NA	Solid	7471A	
720-73308-7	SB-8-13'	Total/NA	Solid	7471A	
720-73308-8	SB-9-2'	Total/NA	Solid	7471A	
720-73308-9	SB-9-6'	Total/NA	Solid	7471A	
720-73308-10	SB-9-14'	Total/NA	Solid	7471A	
720-73308-12	SB-4-3'	Total/NA	Solid	7471A	
720-73308-13	SB-4-10'	Total/NA	Solid	7471A	
720-73308-14	SB-4-15'	Total/NA	Solid	7471A	
720-73308-16	SB-5-5'	Total/NA	Solid	7471A	
720-73308-17	SB-5-9'	Total/NA	Solid	7471A	
720-73308-18	SB-5-14'	Total/NA	Solid	7471A	
LCS 720-205884/2-A	Lab Control Sample	Total/NA	Solid	7471A	
MB 720-205884/1-A	Method Blank	Total/NA	Solid	7471A	

Prep Batch: 205890

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-73308-4	SB-2	Dissolved	Water	7470A	205788
720-73308-4 MS	SB-2	Dissolved	Water	7470A	205788
720-73308-4 MSD	SB-2	Dissolved	Water	7470A	205788
720-73308-11	SB-9	Dissolved	Water	7470A	205788

TestAmerica Pleasanton

QC Association Summary

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

Metals (Continued)

Prep Batch: 205890 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-73308-15	SB-4	Dissolved	Water	7470A	205788
LCS 720-205890/2-A	Lab Control Sample	Total/NA	Water	7470A	
MB 720-205788/1-C	Method Blank	Dissolved	Water	7470A	205788
MB 720-205890/1-A	Method Blank	Total/NA	Water	7470A	

Analysis Batch: 205905

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-73308-5	SB-8-1'	Total/NA	Solid	6010B	205817
720-73308-6	SB-8-8'	Total/NA	Solid	6010B	205817
720-73308-7	SB-8-13'	Total/NA	Solid	6010B	205817
720-73308-8	SB-9-2'	Total/NA	Solid	6010B	205817
720-73308-9	SB-9-6'	Total/NA	Solid	6010B	205817
720-73308-10	SB-9-14'	Total/NA	Solid	6010B	205817
720-73308-12	SB-4-3'	Total/NA	Solid	6010B	205817
720-73308-13	SB-4-10'	Total/NA	Solid	6010B	205817
720-73308-14	SB-4-15'	Total/NA	Solid	6010B	205817
720-73308-16	SB-5-5'	Total/NA	Solid	6010B	205817
720-73308-17	SB-5-9'	Total/NA	Solid	6010B	205817
720-73308-18	SB-5-14'	Total/NA	Solid	6010B	205817
LCS 720-205817/2-A	Lab Control Sample	Total/NA	Solid	6010B	205817
MB 720-205817/1-A	Method Blank	Total/NA	Solid	6010B	205817

Analysis Batch: 205944

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-73308-4	SB-2	Dissolved	Water	7470A	205890
720-73308-4	SB-2	Dissolved	Water	7470A	205890
720-73308-4 MS	SB-2	Dissolved	Water	7470A	205890
720-73308-4 MS	SB-2	Dissolved	Water	7470A	205890
720-73308-4 MSD	SB-2	Dissolved	Water	7470A	205890
720-73308-4 MSD	SB-2	Dissolved	Water	7470A	205890
720-73308-11	SB-9	Dissolved	Water	7470A	205890
720-73308-15	SB-4	Dissolved	Water	7470A	205890
LCS 720-205890/2-A	Lab Control Sample	Total/NA	Water	7470A	205890
MB 720-205788/1-C	Method Blank	Dissolved	Water	7470A	205890
MB 720-205890/1-A	Method Blank	Total/NA	Water	7470A	205890

Analysis Batch: 205949

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-73308-4	SB-2	Dissolved	Water	6010B	205872
720-73308-4 MS	SB-2	Dissolved	Water	6010B	205872
720-73308-4 MSD	SB-2	Dissolved	Water	6010B	205872
720-73308-11	SB-9	Dissolved	Water	6010B	205872
720-73308-15	SB-4	Dissolved	Water	6010B	205872
LCS 720-205872/2-A	Lab Control Sample	Total Recoverable	Water	6010B	205872
MB 720-205788/1-B	Method Blank	Dissolved	Water	6010B	205872
MB 720-205872/1-A	Method Blank	Total Recoverable	Water	6010B	205872

Analysis Batch: 205963

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-73308-5	SB-8-1'	Total/NA	Solid	7471A	205884
720-73308-5 MS	SB-8-1'	Total/NA	Solid	7471A	205884

TestAmerica Pleasanton

QC Association Summary

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

Metals (Continued)

Analysis Batch: 205963 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-73308-5 MSD	SB-8-1'	Total/NA	Solid	7471A	205884
720-73308-6	SB-8-8'	Total/NA	Solid	7471A	205884
720-73308-7	SB-8-13'	Total/NA	Solid	7471A	205884
720-73308-8	SB-9-2'	Total/NA	Solid	7471A	205884
720-73308-9	SB-9-6'	Total/NA	Solid	7471A	205884
720-73308-10	SB-9-14'	Total/NA	Solid	7471A	205884
720-73308-12	SB-4-3'	Total/NA	Solid	7471A	205884
720-73308-13	SB-4-10'	Total/NA	Solid	7471A	205884
720-73308-14	SB-4-15'	Total/NA	Solid	7471A	205884
720-73308-16	SB-5-5'	Total/NA	Solid	7471A	205884
720-73308-17	SB-5-9'	Total/NA	Solid	7471A	205884
720-73308-18	SB-5-14'	Total/NA	Solid	7471A	205884
LCS 720-205884/2-A	Lab Control Sample	Total/NA	Solid	7471A	205884
MB 720-205884/1-A	Method Blank	Total/NA	Solid	7471A	205884

Lab Chronicle

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

Client Sample ID: SB-2-4'

Date Collected: 07/11/16 18:20

Date Received: 07/12/16 11:30

Lab Sample ID: 720-73308-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			205786	07/12/16 12:30	LPL	TAL PLS
Total/NA	Analysis	8260B/CA_LUFTMS		1	205754	07/12/16 14:28	LPL	TAL PLS
Total/NA	Prep	3546			205842	07/13/16 09:57	TTC	TAL PLS
Total/NA	Analysis	8015B		1	205828	07/13/16 17:02	DCH	TAL PLS
Total/NA	Prep	3546			205856	07/13/16 11:39	SXM	TAL PLS
Total/NA	Analysis	8081A		1	205869	07/14/16 00:12	MQL	TAL PLS

Client Sample ID: SB-2-10'

Date Collected: 07/11/16 19:05

Date Received: 07/12/16 11:30

Lab Sample ID: 720-73308-2

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			205786	07/12/16 12:30	LPL	TAL PLS
Total/NA	Analysis	8260B/CA_LUFTMS		1	205754	07/12/16 14:58	LPL	TAL PLS
Total/NA	Prep	3546			205845	07/13/16 09:59	SXM	TAL PLS
Total/NA	Analysis	8270C		1	205840	07/13/16 20:17	MQL	TAL PLS
Total/NA	Prep	3546			205842	07/13/16 09:57	TTC	TAL PLS
Total/NA	Analysis	8015B		1	205828	07/13/16 17:26	DCH	TAL PLS

Client Sample ID: SB-2-15'

Date Collected: 07/11/16 19:25

Date Received: 07/12/16 11:30

Lab Sample ID: 720-73308-3

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			205786	07/12/16 12:30	LPL	TAL PLS
Total/NA	Analysis	8260B/CA_LUFTMS		1	205754	07/12/16 15:29	LPL	TAL PLS
Total/NA	Prep	3546			205842	07/13/16 09:57	TTC	TAL PLS
Total/NA	Analysis	8015B		1	205828	07/13/16 17:50	DCH	TAL PLS
Total/NA	Prep	3546			205871	07/13/16 14:31	TTC	TAL PLS
Total/NA	Analysis	8082		1	205834	07/13/16 20:37	DCH	TAL PLS

Client Sample ID: SB-2

Date Collected: 07/11/16 20:15

Date Received: 07/12/16 11:30

Lab Sample ID: 720-73308-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	205753	07/12/16 17:56	LPL	TAL PLS
Total/NA	Prep	3510C			205844	07/13/16 09:59	NDU	TAL PLS
Total/NA	Analysis	8015B		1	205829	07/13/16 19:28	DCH	TAL PLS
Dissolved	Filtration	FILTRATION			205788	07/12/16 13:31	OBI	TAL PLS
Dissolved	Prep	3005A			205872	07/13/16 14:32	MJD	TAL PLS
Dissolved	Analysis	6010B		1	205949	07/14/16 11:45	ASB	TAL PLS
Dissolved	Filtration	FILTRATION			205788	07/12/16 13:31	OBI	TAL PLS

TestAmerica Pleasanton

Lab Chronicle

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

Client Sample ID: SB-2

Date Collected: 07/11/16 20:15

Date Received: 07/12/16 11:30

Lab Sample ID: 720-73308-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	7470A			205890	07/13/16 18:08	BRB	TAL PLS
Dissolved	Analysis	7470A		20	205944	07/14/16 10:32	ASB	TAL PLS
Dissolved	Filtration	FILTRATION			205788	07/12/16 13:31	OBI	TAL PLS
Dissolved	Prep	7470A			205890	07/13/16 18:08	BRB	TAL PLS
Dissolved	Analysis	7470A		1	205944	07/14/16 11:13	ASB	TAL PLS

Client Sample ID: SB-8-1'

Date Collected: 07/11/16 21:15

Date Received: 07/12/16 11:30

Lab Sample ID: 720-73308-5

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			205786	07/12/16 12:30	LPL	TAL PLS
Total/NA	Analysis	8260B/CA_LUFTMS		1	205754	07/12/16 15:59	LPL	TAL PLS
Total/NA	Prep	3546			205845	07/13/16 09:59	SXM	TAL PLS
Total/NA	Analysis	8270C		1	205840	07/13/16 19:51	MQL	TAL PLS
Total/NA	Prep	3546			205842	07/13/16 09:57	TTC	TAL PLS
Total/NA	Analysis	8015B		1	205828	07/13/16 21:06	DCH	TAL PLS
Total/NA	Prep	3546			205856	07/13/16 11:39	SXM	TAL PLS
Total/NA	Analysis	8081A		1	205869	07/14/16 00:29	MQL	TAL PLS
Total/NA	Prep	3050B			205817	07/12/16 19:10	BRB	TAL PLS
Total/NA	Analysis	6010B		4	205905	07/13/16 19:33	SLK	TAL PLS
Total/NA	Prep	7471A			205884	07/13/16 17:08	OBI	TAL PLS
Total/NA	Analysis	7471A		1	205963	07/14/16 14:03	ASB	TAL PLS

Client Sample ID: SB-8-8'

Date Collected: 07/11/16 21:40

Date Received: 07/12/16 11:30

Lab Sample ID: 720-73308-6

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			205786	07/12/16 12:30	LPL	TAL PLS
Total/NA	Analysis	8260B/CA_LUFTMS		1	205754	07/12/16 16:29	LPL	TAL PLS
Total/NA	Prep	3546			205842	07/13/16 09:57	TTC	TAL PLS
Total/NA	Analysis	8015B		1	205828	07/13/16 18:15	DCH	TAL PLS
Total/NA	Prep	3546			205871	07/13/16 14:31	TTC	TAL PLS
Total/NA	Analysis	8082		1	205834	07/13/16 20:54	DCH	TAL PLS
Total/NA	Prep	3050B			205817	07/12/16 19:10	BRB	TAL PLS
Total/NA	Analysis	6010B		4	205905	07/13/16 19:38	SLK	TAL PLS
Total/NA	Prep	7471A			205884	07/13/16 17:08	OBI	TAL PLS
Total/NA	Analysis	7471A		1	205963	07/14/16 14:06	ASB	TAL PLS

TestAmerica Pleasanton

Lab Chronicle

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

Client Sample ID: SB-8-13'

Date Collected: 07/11/16 22:00

Date Received: 07/12/16 11:30

Lab Sample ID: 720-73308-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			205786	07/12/16 12:30	LPL	TAL PLS
Total/NA	Analysis	8260B/CA_LUFTMS		1	205754	07/12/16 16:59	LPL	TAL PLS
Total/NA	Prep	3546			205842	07/13/16 09:57	TTC	TAL PLS
Total/NA	Analysis	8015B		1	205828	07/13/16 18:39	DCH	TAL PLS
Total/NA	Prep	3050B			205817	07/12/16 19:10	BRB	TAL PLS
Total/NA	Analysis	6010B		4	205905	07/13/16 19:43	SLK	TAL PLS
Total/NA	Prep	7471A			205884	07/13/16 17:08	OBI	TAL PLS
Total/NA	Analysis	7471A		1	205963	07/14/16 14:09	ASB	TAL PLS

Client Sample ID: SB-9-2'

Date Collected: 07/11/16 22:30

Date Received: 07/12/16 11:30

Lab Sample ID: 720-73308-8

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			205786	07/12/16 12:30	LPL	TAL PLS
Total/NA	Analysis	8260B/CA_LUFTMS		1	205754	07/12/16 17:29	LPL	TAL PLS
Total/NA	Prep	3546			205842	07/13/16 09:57	TTC	TAL PLS
Total/NA	Analysis	8015B		1	205828	07/13/16 21:31	DCH	TAL PLS
Total/NA	Prep	3546			205856	07/13/16 11:39	SXM	TAL PLS
Total/NA	Analysis	8081A		1	205869	07/13/16 23:55	MQL	TAL PLS
Total/NA	Prep	3050B			205817	07/12/16 19:10	BRB	TAL PLS
Total/NA	Analysis	6010B		4	205905	07/13/16 19:47	SLK	TAL PLS
Total/NA	Prep	7471A			205884	07/13/16 17:08	OBI	TAL PLS
Total/NA	Analysis	7471A		1	205963	07/14/16 14:11	ASB	TAL PLS

Client Sample ID: SB-9-6'

Date Collected: 07/11/16 23:00

Date Received: 07/12/16 11:30

Lab Sample ID: 720-73308-9

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			205786	07/12/16 12:30	LPL	TAL PLS
Total/NA	Analysis	8260B/CA_LUFTMS		1	205754	07/12/16 18:00	LPL	TAL PLS
Total/NA	Prep	3546			205842	07/13/16 09:57	TTC	TAL PLS
Total/NA	Analysis	8015B		1	205829	07/13/16 16:38	DCH	TAL PLS
Total/NA	Prep	3050B			205817	07/12/16 19:10	BRB	TAL PLS
Total/NA	Analysis	6010B		4	205905	07/13/16 19:52	SLK	TAL PLS
Total/NA	Prep	7471A			205884	07/13/16 17:08	OBI	TAL PLS
Total/NA	Analysis	7471A		1	205963	07/14/16 14:14	ASB	TAL PLS

TestAmerica Pleasanton

Lab Chronicle

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

Client Sample ID: SB-9-14'

Lab Sample ID: 720-73308-10

Date Collected: 07/11/16 23:15

Matrix: Solid

Date Received: 07/12/16 11:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			205786	07/12/16 12:30	LPL	TAL PLS
Total/NA	Analysis	8260B/CA_LUFTMS		1	205754	07/12/16 18:30	LPL	TAL PLS
Total/NA	Prep	3546			205845	07/13/16 09:59	SXM	TAL PLS
Total/NA	Analysis	8270C		1	205840	07/13/16 20:43	MQL	TAL PLS
Total/NA	Prep	3546			205842	07/13/16 09:57	TTC	TAL PLS
Total/NA	Analysis	8015B		1	205829	07/13/16 17:02	DCH	TAL PLS
Total/NA	Prep	3546			205871	07/13/16 14:31	TTC	TAL PLS
Total/NA	Analysis	8082		1	205834	07/13/16 21:11	DCH	TAL PLS
Total/NA	Prep	3050B			205817	07/12/16 19:10	BRB	TAL PLS
Total/NA	Analysis	6010B		4	205905	07/13/16 19:57	SLK	TAL PLS
Total/NA	Prep	7471A			205884	07/13/16 17:08	OBI	TAL PLS
Total/NA	Analysis	7471A		1	205963	07/14/16 14:17	ASB	TAL PLS

Client Sample ID: SB-9

Lab Sample ID: 720-73308-11

Date Collected: 07/11/16 23:30

Matrix: Water

Date Received: 07/12/16 11:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	205753	07/12/16 18:30	LPL	TAL PLS
Total/NA	Prep	3510C			205844	07/13/16 09:59	NDU	TAL PLS
Total/NA	Analysis	8015B		1	205829	07/13/16 19:52	DCH	TAL PLS
Dissolved	Filtration	FILTRATION			205788	07/12/16 13:31	OBI	TAL PLS
Dissolved	Prep	3005A			205872	07/13/16 14:32	MJD	TAL PLS
Dissolved	Analysis	6010B		1	205949	07/14/16 11:50	ASB	TAL PLS
Dissolved	Filtration	FILTRATION			205788	07/12/16 13:31	OBI	TAL PLS
Dissolved	Prep	7470A			205890	07/13/16 18:08	BRB	TAL PLS
Dissolved	Analysis	7470A		1	205944	07/14/16 11:15	ASB	TAL PLS

Client Sample ID: SB-4-3'

Lab Sample ID: 720-73308-12

Date Collected: 07/12/16 00:15

Matrix: Solid

Date Received: 07/12/16 11:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			205665	07/12/16 13:12	CTD	TAL PLS
Total/NA	Analysis	8260B/CA_LUFTMS		1	205802	07/12/16 19:56	LPL	TAL PLS
Total/NA	Prep	3546			205842	07/13/16 09:57	TTC	TAL PLS
Total/NA	Analysis	8015B		1	205828	07/13/16 16:38	DCH	TAL PLS
Total/NA	Prep	3546			205856	07/13/16 11:39	SXM	TAL PLS
Total/NA	Analysis	8081A		1	205869	07/14/16 00:46	MQL	TAL PLS
Total/NA	Prep	3050B			205817	07/12/16 19:10	BRB	TAL PLS
Total/NA	Analysis	6010B		4	205905	07/13/16 20:02	SLK	TAL PLS
Total/NA	Prep	7471A			205884	07/13/16 17:08	OBI	TAL PLS
Total/NA	Analysis	7471A		1	205963	07/14/16 14:24	ASB	TAL PLS

TestAmerica Pleasanton

Lab Chronicle

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

Client Sample ID: SB-4-10'

Date Collected: 07/12/16 00:35

Date Received: 07/12/16 11:30

Lab Sample ID: 720-73308-13

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			205665	07/12/16 13:12	CTD	TAL PLS
Total/NA	Analysis	8260B/CA_LUFTMS		1	205802	07/12/16 20:24	LPL	TAL PLS
Total/NA	Prep	3546			205845	07/13/16 09:59	SXM	TAL PLS
Total/NA	Analysis	8270C		1	205840	07/13/16 21:09	MQL	TAL PLS
Total/NA	Prep	3546			205842	07/13/16 09:57	TTC	TAL PLS
Total/NA	Analysis	8015B		1	205829	07/13/16 17:26	DCH	TAL PLS
Total/NA	Prep	3050B			205817	07/12/16 19:10	BRB	TAL PLS
Total/NA	Analysis	6010B		4	205905	07/13/16 20:17	SLK	TAL PLS
Total/NA	Prep	7471A			205884	07/13/16 17:08	OBI	TAL PLS
Total/NA	Analysis	7471A		1	205963	07/14/16 14:27	ASB	TAL PLS

Client Sample ID: SB-4-15'

Date Collected: 07/12/16 00:45

Date Received: 07/12/16 11:30

Lab Sample ID: 720-73308-14

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			205665	07/12/16 13:12	CTD	TAL PLS
Total/NA	Analysis	8260B/CA_LUFTMS		1	205802	07/12/16 20:51	LPL	TAL PLS
Total/NA	Prep	3546			205842	07/13/16 09:57	TTC	TAL PLS
Total/NA	Analysis	8015B		1	205829	07/13/16 17:50	DCH	TAL PLS
Total/NA	Prep	3050B			205817	07/12/16 19:10	BRB	TAL PLS
Total/NA	Analysis	6010B		4	205905	07/13/16 20:22	SLK	TAL PLS
Total/NA	Prep	7471A			205884	07/13/16 17:08	OBI	TAL PLS
Total/NA	Analysis	7471A		1	205963	07/14/16 14:29	ASB	TAL PLS

Client Sample ID: SB-4

Date Collected: 07/12/16 00:50

Date Received: 07/12/16 11:30

Lab Sample ID: 720-73308-15

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	205827	07/13/16 10:49	LPL	TAL PLS
Total/NA	Prep	3510C			205844	07/13/16 09:59	NDU	TAL PLS
Total/NA	Analysis	8015B		1	205829	07/13/16 20:17	DCH	TAL PLS
Dissolved	Filtration	FILTRATION			205788	07/12/16 13:31	OBI	TAL PLS
Dissolved	Prep	3005A			205872	07/13/16 14:34	MJD	TAL PLS
Dissolved	Analysis	6010B		1	205949	07/14/16 11:56	ASB	TAL PLS
Dissolved	Filtration	FILTRATION			205788	07/12/16 13:31	OBI	TAL PLS
Dissolved	Prep	7470A			205890	07/13/16 18:08	BRB	TAL PLS
Dissolved	Analysis	7470A		1	205944	07/14/16 11:18	ASB	TAL PLS

TestAmerica Pleasanton

Lab Chronicle

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

Client Sample ID: SB-5-5'

Date Collected: 07/12/16 01:30

Date Received: 07/12/16 11:30

Lab Sample ID: 720-73308-16

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			205665	07/12/16 13:12	CTD	TAL PLS
Total/NA	Analysis	8260B/CA_LUFTMS		1	205802	07/12/16 21:19	LPL	TAL PLS
Total/NA	Prep	3546			205845	07/13/16 09:59	SXM	TAL PLS
Total/NA	Analysis	8270C		1	205840	07/13/16 21:35	MQL	TAL PLS
Total/NA	Prep	3546			205842	07/13/16 09:57	TTC	TAL PLS
Total/NA	Analysis	8015B		1	205828	07/13/16 19:52	DCH	TAL PLS
Total/NA	Prep	3546			205856	07/13/16 11:39	SXM	TAL PLS
Total/NA	Analysis	8081A		1	205869	07/14/16 01:02	MQL	TAL PLS
Total/NA	Prep	3050B			205817	07/12/16 19:10	BRB	TAL PLS
Total/NA	Analysis	6010B		4	205905	07/13/16 20:27	SLK	TAL PLS
Total/NA	Prep	7471A			205884	07/13/16 17:08	OBI	TAL PLS
Total/NA	Analysis	7471A		1	205963	07/14/16 14:32	ASB	TAL PLS

Client Sample ID: SB-5-9'

Date Collected: 07/12/16 01:40

Date Received: 07/12/16 11:30

Lab Sample ID: 720-73308-17

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			205665	07/12/16 13:12	CTD	TAL PLS
Total/NA	Analysis	8260B/CA_LUFTMS		1	205802	07/12/16 21:46	LPL	TAL PLS
Total/NA	Prep	3546			205842	07/13/16 09:57	TTC	TAL PLS
Total/NA	Analysis	8015B		1	205828	07/13/16 20:17	DCH	TAL PLS
Total/NA	Prep	3050B			205817	07/12/16 19:28	BRB	TAL PLS
Total/NA	Analysis	6010B		4	205905	07/13/16 20:36	SLK	TAL PLS
Total/NA	Prep	7471A			205884	07/13/16 17:08	OBI	TAL PLS
Total/NA	Analysis	7471A		1	205963	07/14/16 14:36	ASB	TAL PLS

Client Sample ID: SB-5-14'

Date Collected: 07/12/16 01:50

Date Received: 07/12/16 11:30

Lab Sample ID: 720-73308-18

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			205665	07/12/16 13:12	CTD	TAL PLS
Total/NA	Analysis	8260B/CA_LUFTMS		1	205802	07/12/16 22:14	LPL	TAL PLS
Total/NA	Prep	3546			205842	07/13/16 09:57	TTC	TAL PLS
Total/NA	Analysis	8015B		1	205828	07/13/16 20:42	DCH	TAL PLS
Total/NA	Prep	3050B			205817	07/12/16 19:10	BRB	TAL PLS
Total/NA	Analysis	6010B		4	205905	07/13/16 20:32	SLK	TAL PLS
Total/NA	Prep	7471A			205884	07/13/16 17:08	OBI	TAL PLS
Total/NA	Analysis	7471A		1	205963	07/14/16 14:39	ASB	TAL PLS

TestAmerica Pleasanton

Lab Chronicle

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

Client Sample ID: TB

Lab Sample ID: 720-73308-19

Date Collected: 07/12/16 00:00

Matrix: Water

Date Received: 07/12/16 11:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	205801	07/12/16 20:04	LPL	TAL PLS

Laboratory References:

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

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

Certification Summary

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

Laboratory: TestAmerica Pleasanton

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	State Program	9	2496	01-31-18

Analysis Method	Prep Method	Matrix	Analyte
-----------------	-------------	--------	---------

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

Method Summary

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

Method	Method Description	Protocol	Laboratory
8260B/CA_LUFTM S	8260B / CA LUFT MS	SW846	TAL PLS
8270C	Semivolatile Organic Compounds (GC/MS)	SW846	TAL PLS
8015B	Diesel Range Organics (DRO) (GC)	SW846	TAL PLS
8081A	Organochlorine Pesticides (GC)	SW846	TAL PLS
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL PLS
6010B	Metals (ICP)	SW846	TAL PLS
7470A	Mercury (CVAA)	SW846	TAL PLS
7471A	Mercury (CVAA)	SW846	TAL PLS

Protocol References:

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

Laboratory References:

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

Sample Summary

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73308-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-73308-1	SB-2-4'	Solid	07/11/16 18:20	07/12/16 11:30
720-73308-2	SB-2-10'	Solid	07/11/16 19:05	07/12/16 11:30
720-73308-3	SB-2-15'	Solid	07/11/16 19:25	07/12/16 11:30
720-73308-4	SB-2	Water	07/11/16 20:15	07/12/16 11:30
720-73308-5	SB-8-1'	Solid	07/11/16 21:15	07/12/16 11:30
720-73308-6	SB-8-8'	Solid	07/11/16 21:40	07/12/16 11:30
720-73308-7	SB-8-13'	Solid	07/11/16 22:00	07/12/16 11:30
720-73308-8	SB-9-2'	Solid	07/11/16 22:30	07/12/16 11:30
720-73308-9	SB-9-6'	Solid	07/11/16 23:00	07/12/16 11:30
720-73308-10	SB-9-14'	Solid	07/11/16 23:15	07/12/16 11:30
720-73308-11	SB-9	Water	07/11/16 23:30	07/12/16 11:30
720-73308-12	SB-4-3'	Solid	07/12/16 00:15	07/12/16 11:30
720-73308-13	SB-4-10'	Solid	07/12/16 00:35	07/12/16 11:30
720-73308-14	SB-4-15'	Solid	07/12/16 00:45	07/12/16 11:30
720-73308-15	SB-4	Water	07/12/16 00:50	07/12/16 11:30
720-73308-16	SB-5-5'	Solid	07/12/16 01:30	07/12/16 11:30
720-73308-17	SB-5-9'	Solid	07/12/16 01:40	07/12/16 11:30
720-73308-18	SB-5-14'	Solid	07/12/16 01:50	07/12/16 11:30
720-73308-19	TB	Water	07/12/16 00:00	07/12/16 11:30

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TESTAMERICA Pleasanton Chain of Custody
 1220 Quarry Lane • Pleasanton CA 94566-4756
 Phone: (925) 484-1900 / (925) 900-3002

720-73308

Reference #: 169765

Date: 7/11/16 Page 1 of 2

7/14/2016

Report To

Attn: Erik Skov
 Company: AECOM
 Address: 1335 Broadway, Oakland, CA
 Email: Erik.Skov@acem.com, cony
 Bill To: David Rodkegel
 Attn: David Rodkegel
 Phone: 415 740-6851

Analysis Request

Volatile Organics GC/MS (VOCs)
 EPA 8260B
 HVOCs by EPA 8260B
 EPA 8260B: Gas BTEX
 5 Oxygenates UCA, EDB Ethanol
 TEPH EPA 8015B Silica Gel
 Diesel Motor Oil Other
 SemiVolatile Organics GC/MS
 EPA 8270C
 PNA/PAH's by 8270C
 8270C SIM
 Oil and Grease Petroleum
 (EPA 1654/9071) Total
 Pesticides EPA 8081
 EPA 8082
 CAM17 Metals
 (EPA 6010/7470/7471)
 Metals: 6010B 200.7
 Lead LUFT RCRA
 Other:
 Metals: 6020 200.8
 (ICP-MS):
 W.E.T (STLC)
 W.E.T (DI) TCLP
 Hex. Chrom by EPA 7196
 or EPA 7199
 pH: 9040
 SM4500
 Spec. Cond. Alkalinity
 TSS SS TDS
 Anions: Cl SO₄ NO₃ F
 Br NO₂ PO₄
 Filter*
 PCBs EPA 8002
 No of Containers

Sample ID	Date	Time	Met	Preserv
SB-2-41	7/11/16	09:20	S	MEOH
SB-2-16	7/11/16	19:05	S	MEOH
SB-2-15	7/11/16	19:25	S	MEOH
SB-2	7/11/16	20:15	U1	HEC
SB-8-1	7/11/16	21:15	S	MEOH
SB-8-B1	7/11/16	21:40	S	MEOH
SB-8-B1	7/11/16	22:00	S	MEOH
SB-9-2	7/11/16	22:30	S	MEOH
SB-9-61	7/11/16	23:00	S	MEOH
SB-9-11	7/11/16	23:15	S	MEOH

Project Info

Project Name/ #:
 # of Containers:
 Head Space:
 Temp: 1.62 4.4°C

Sample Receipt

1) Received by: Erik Skov
 Signature: Erik Skov
 Printed Name: Erik Skov
 Date: 7/11/16
 Company: AECOM

2) Relinquished by: Erik Skov
 Signature: Erik Skov
 Printed Name: Erik Skov
 Date: 7/11/16
 Company: AECOM

3) Relinquished by: Erik Skov
 Signature: Erik Skov
 Printed Name: Erik Skov
 Date: 7/11/16
 Company: AECOM

720-73308 Chain of Custody



Credit Card Y/N:
 Report: Routine Level 3 Level 4 EDD EDF
 Special Instructions / Comments:
 Global ID
 See Terms and Conditions on reverse

1) Received by: Erik Skov
 Signature: Erik Skov
 Printed Name: Erik Skov
 Date: 7/11/16
 Company: AECOM

2) Received by: Erik Skov
 Signature: Erik Skov
 Printed Name: Erik Skov
 Date: 7/11/16
 Company: AECOM

3) Received by: Erik Skov
 Signature: Erik Skov
 Printed Name: Erik Skov
 Date: 7/11/16
 Company: AECOM

* Filter samples for Metals analysis upon arrival

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TESTAMERICA Pleasanton Chain of Custody

1220 Quarry Lane • Pleasanton CA 94566-4756
 Phone: (925) 938-8800
720-73308

Reference #: 129765
 Date 7/11/16 Page 2 of 2

7/14/2016

Report To

Attn: Enk Skou
 Company: AECOM
 Address: 1377 Knowlton Blvd, CT
 Email: Enk.Skou@aecom.com
 Bill To: David Reuberg
 Sampled By: E.S.
 Phone: 719-6851

Analysis Request

Volatile Organics GC/MS (VOCs) EPA 8260B
 HVOCs by EPA 8260B
 EPA 8260B Gas BTEX
 5 Oxygenates DCA, EDB Ethanol
 TEPH EPA 8015B Silica Gel
 Diesel Motor Oil Other
 SemiVolatile Organics GC/MS
 EPA 8270C
 PNA/PAH's by EPA 8270C
 EPA 8270C SIM
 Oil and Grease Petroleum
 (EPA 1664/9071) Total
 Pesticides EPA 8081
 EPA 8082
 CAM17 Metals
 (EPA 60107/7470/7471)
 Metals: 6010B 200.7
 Lead LUFT RCRA
 Other:
 Metals: 6020 200.8
 (ICP-MS):
 W.E.T (STLC)
 W.E.T (Dr) TCLP
 Hex. Chrom by EPA 7196
 or EPA 7199
 pH 9040
 SM4500
 Spec. Cond Alkalinity
 TSS SS TDS
 Anions: Cl SO₄ NO₃ F
 Br NO₂ PO₄
 Filter #
 PCBs EPA 8082
 No. of Containers

Sample ID	Date	Time	Met	Preserv	Other
SB-9	7/11/16	23:30	60	HE	X
SB-4-3	7/11/16	01:15	5	MEOH	X
SB-4-1D	7/11/16	01:15	5	MEOH	X
SB-4-1B	7/11/16	01:15	5	MEOH	X
SB-4	7/11/16	01:15	5	MEOH	X
SB-5-5	7/11/16	1:30	5	MEOH	X
SB-5-9	7/11/16	1:40	5	MEOH	X
SB-5-14	7/11/16	1:50	5	MEOH	X
TS	7/11/16			HE	X

1) Relinquished by: Enk Skou Time 10:14
 Signature [Signature]
 Printed Name Enk Skou
 Date 7/12/16

2) Relinquished by: [Signature] Time 11:30
 Signature [Signature]
 Printed Name [Signature]
 Date 7/12/16

3) Relinquished by: [Signature] Time
 Signature [Signature]
 Printed Name
 Date

Project Info: Project Name/ #: _____ # of Containers: _____

Sample Receipt: Head Space: _____ Temp: _____

Credit Card: Y/N: _____ If yes, please call with payment information ASAP

Report: Routine Level 3 Level 4 REDD EDF
 Special Instructions / Comments: Global ID _____

Received by: 1) Signature [Signature] Time 10:14
 Printed Name Enk Skou Date 7/12/16
 Company TA

2) Signature [Signature] Time 11:30
 Printed Name [Signature] Date 7-12-16
 Company TA

3) Signature _____ Time _____
 Printed Name _____ Date _____
 Company _____

See Terms and Conditions on reverse

* Filter samples for Metals analysis upon arrival

Salimpour, Afsaneh

720-73308-rev

From: Skov, Erik <erik.skov@aecom.com>
Sent: Tuesday, July 12, 2016 2:05 PM
To: Salimpour, Afsaneh
Subject: RE: Scanned image from MX-M503N

Hi Afsaneh,

The project name is 1721 Webster Street The Global ID No. is T0600100140.

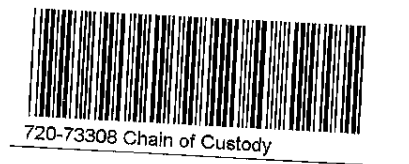
Please analyze the following samples for PAHs by 8270:C:

SB-2-10
SB-8-1
SB-9-14
SB-4-10
SB-5-5

RUSH

Thanks any questions please call my cell

Regards



Erik Skov PG CHG
Senior Geologist
Design and Consulting Services Group
D: 1-415-243-3845 C: 1-415-740-6851
Erik.Skov@AECOM.com

AECOM
One Montgomery Street, Suite 900, San Francisco, California 94104
T: 1-415-896-5858 F: 1-415-882-9261

From: Salimpour, Afsaneh [Afsaneh.Salimpour@testamericainc.com]
Sent: Tuesday, July 12, 2016 12:26 PM
To: Skov, Erik
Subject: FW: Scanned image from MX-M503N

Please pit the project name and if you EDF we do need Global ID!
Thanks.

Afsaneh Salimpour
Senior Project Manager

TestAmerica

Login Sample Receipt Checklist

Client: AECOM

Job Number: 720-73308-1

Login Number: 73308

List Number: 1

Creator: Mullen, Joan

List Source: TestAmerica Pleasanton

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are 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 containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	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	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

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

TestAmerica Job ID: 720-73334-1
Client Project/Site: 1721 Webster Street

For:
AECOM
Post Montgomery Center
One Montgomery Street
Suite 900
San Francisco, California 94104-4538

Attn: Erik Skov



Authorized for release by:
7/14/2016 5:46:06 PM

Afsaneh Salimpour, Senior Project Manager
(925)484-1919
afsaneh.salimpour@testamericainc.com

LINKS

Review your project
results through
Total Access

Have a Question?



Visit us at:
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.

Results relate only to the items tested and the sample(s) as received by the laboratory.

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14



Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Detection Summary	4
Client Sample Results	9
Surrogate Summary	59
QC Sample Results	62
QC Association Summary	83
Lab Chronicle	90
Certification Summary	96
Method Summary	97
Sample Summary	98
Chain of Custody	99
Receipt Checklists	101

Definitions/Glossary

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73334-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
□	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Detection Summary

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73334-1

Client Sample ID: SB-1-3'

Lab Sample ID: 720-73334-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	48		1.3		mg/Kg	4		6010B	Total/NA
Chromium	31		1.3		mg/Kg	4		6010B	Total/NA
Cobalt	2.8		0.51		mg/Kg	4		6010B	Total/NA
Copper	7.0		3.8		mg/Kg	4		6010B	Total/NA
Lead	5.4		1.3		mg/Kg	4		6010B	Total/NA
Nickel	15		1.3		mg/Kg	4		6010B	Total/NA
Vanadium	20		1.3		mg/Kg	4		6010B	Total/NA
Zinc	22		3.8		mg/Kg	4		6010B	Total/NA
Mercury	0.029		0.010		mg/Kg	1		7471A	Total/NA

Client Sample ID: SB-1-9'

Lab Sample ID: 720-73334-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	5.4		3.0		mg/Kg	4		6010B	Total/NA
Barium	53		1.5		mg/Kg	4		6010B	Total/NA
Chromium	49		1.5		mg/Kg	4		6010B	Total/NA
Cobalt	11		0.59		mg/Kg	4		6010B	Total/NA
Copper	12		4.4		mg/Kg	4		6010B	Total/NA
Lead	3.6		1.5		mg/Kg	4		6010B	Total/NA
Nickel	46		1.5		mg/Kg	4		6010B	Total/NA
Vanadium	38		1.5		mg/Kg	4		6010B	Total/NA
Zinc	32		4.4		mg/Kg	4		6010B	Total/NA
Mercury	0.051		0.0094		mg/Kg	1		7471A	Total/NA

Client Sample ID: SB-1-15'

Lab Sample ID: 720-73334-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	62		1.8		mg/Kg	4		6010B	Total/NA
Chromium	62		1.8		mg/Kg	4		6010B	Total/NA
Cobalt	6.8		0.72		mg/Kg	4		6010B	Total/NA
Copper	6.8		5.4		mg/Kg	4		6010B	Total/NA
Lead	1.9		1.8		mg/Kg	4		6010B	Total/NA
Nickel	44		1.8		mg/Kg	4		6010B	Total/NA
Vanadium	31		1.8		mg/Kg	4		6010B	Total/NA
Zinc	23		5.4		mg/Kg	4		6010B	Total/NA
Mercury	0.032		0.0098		mg/Kg	1		7471A	Total/NA

Client Sample ID: SB-1

Lab Sample ID: 720-73334-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	2.8		1.0		ug/L	1		8260B/CA_LUFT	Total/NA
Barium	0.057		0.050		mg/L	1		MS 6010B	Dissolved
Molybdenum	0.013		0.010		mg/L	1		6010B	Dissolved

Client Sample ID: SB-7-1'

Lab Sample ID: 720-73334-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	52		1.7		mg/Kg	4		6010B	Total/NA
Chromium	37		1.7		mg/Kg	4		6010B	Total/NA
Cobalt	4.9		0.67		mg/Kg	4		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Pleasanton

Detection Summary

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73334-1

Client Sample ID: SB-7-1' (Continued)

Lab Sample ID: 720-73334-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Copper	7.7		5.0		mg/Kg	4		6010B	Total/NA
Lead	3.9		1.7		mg/Kg	4		6010B	Total/NA
Nickel	15		1.7		mg/Kg	4		6010B	Total/NA
Vanadium	24		1.7		mg/Kg	4		6010B	Total/NA
Zinc	19		5.0		mg/Kg	4		6010B	Total/NA
Mercury	0.024		0.0095		mg/Kg	1		7471A	Total/NA

Client Sample ID: SB-7-6'

Lab Sample ID: 720-73334-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	1.3		0.99		mg/Kg	1		8015B	Total/NA
Arsenic	3.9		2.1		mg/Kg	4		6010B	Total/NA
Barium	87		1.0		mg/Kg	4		6010B	Total/NA
Beryllium	0.32		0.21		mg/Kg	4		6010B	Total/NA
Chromium	61		1.0		mg/Kg	4		6010B	Total/NA
Cobalt	25		0.41		mg/Kg	4		6010B	Total/NA
Copper	13		3.1		mg/Kg	4		6010B	Total/NA
Lead	4.6		1.0		mg/Kg	4		6010B	Total/NA
Nickel	50		1.0		mg/Kg	4		6010B	Total/NA
Vanadium	41		1.0		mg/Kg	4		6010B	Total/NA
Zinc	29		3.1		mg/Kg	4		6010B	Total/NA
Mercury	0.034		0.0098		mg/Kg	1		7471A	Total/NA

Client Sample ID: SB-7-12'

Lab Sample ID: 720-73334-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	48		1.7		mg/Kg	4		6010B	Total/NA
Chromium	48		1.7		mg/Kg	4		6010B	Total/NA
Cobalt	6.2		0.68		mg/Kg	4		6010B	Total/NA
Copper	5.3		5.1		mg/Kg	4		6010B	Total/NA
Nickel	42		1.7		mg/Kg	4		6010B	Total/NA
Vanadium	32		1.7		mg/Kg	4		6010B	Total/NA
Zinc	21		5.1		mg/Kg	4		6010B	Total/NA
Mercury	0.072		0.0097		mg/Kg	1		7471A	Total/NA

Client Sample ID: SB-7

Lab Sample ID: 720-73334-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
n-Butylbenzene	3.2		1.0		ug/L	1		8260B/CA_LUFT MS	Total/NA
sec-Butylbenzene	2.3		1.0		ug/L	1		8260B/CA_LUFT MS	Total/NA
tert-Butylbenzene	2.7		1.0		ug/L	1		8260B/CA_LUFT MS	Total/NA
Ethylbenzene	7.8		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Isopropylbenzene	26		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Naphthalene	3.3		1.0		ug/L	1		8260B/CA_LUFT MS	Total/NA
N-Propylbenzene	31		1.0		ug/L	1		8260B/CA_LUFT MS	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Pleasanton

Detection Summary

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73334-1

Client Sample ID: SB-7 (Continued)

Lab Sample ID: 720-73334-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.81		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Toluene	0.61		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Trichloroethene	1.9		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Xylenes, Total	12		1.0		ug/L	1		8260B/CA_LUFT MS	Total/NA
Gasoline Range Organics (GRO) -C5-C12	830		50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Diesel Range Organics [C10-C28]	200		51		ug/L	1		8015B	Total/NA
Arsenic	0.014		0.010		mg/L	1		6010B	Dissolved
Barium	0.054		0.050		mg/L	1		6010B	Dissolved
Cobalt	0.0027		0.0020		mg/L	1		6010B	Dissolved
Lead	0.0062		0.0050		mg/L	1		6010B	Dissolved
Nickel	0.016		0.010		mg/L	1		6010B	Dissolved

Client Sample ID: SB-3-2'

Lab Sample ID: 720-73334-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	62		1.3		mg/Kg	4		6010B	Total/NA
Chromium	31		1.3		mg/Kg	4		6010B	Total/NA
Cobalt	3.2		0.54		mg/Kg	4		6010B	Total/NA
Copper	6.8		4.0		mg/Kg	4		6010B	Total/NA
Lead	2.8		1.3		mg/Kg	4		6010B	Total/NA
Nickel	14		1.3		mg/Kg	4		6010B	Total/NA
Vanadium	21		1.3		mg/Kg	4		6010B	Total/NA
Zinc	16		4.0		mg/Kg	4		6010B	Total/NA
Mercury	0.030		0.0095		mg/Kg	1		7471A	Total/NA

Client Sample ID: SB-3-7'

Lab Sample ID: 720-73334-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	100		1.4		mg/Kg	4		6010B	Total/NA
Chromium	84		1.4		mg/Kg	4		6010B	Total/NA
Cobalt	5.8		0.56		mg/Kg	4		6010B	Total/NA
Copper	13		4.2		mg/Kg	4		6010B	Total/NA
Lead	3.8		1.4		mg/Kg	4		6010B	Total/NA
Nickel	56		1.4		mg/Kg	4		6010B	Total/NA
Vanadium	32		1.4		mg/Kg	4		6010B	Total/NA
Zinc	28		4.2		mg/Kg	4		6010B	Total/NA
Mercury	0.052		0.0086		mg/Kg	1		7471A	Total/NA

Client Sample ID: SB-3-14'

Lab Sample ID: 720-73334-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	3.4		2.3		mg/Kg	4		6010B	Total/NA
Barium	43		1.2		mg/Kg	4		6010B	Total/NA
Chromium	49		1.2		mg/Kg	4		6010B	Total/NA
Cobalt	6.0		0.47		mg/Kg	4		6010B	Total/NA
Copper	5.0		3.5		mg/Kg	4		6010B	Total/NA
Lead	1.6		1.2		mg/Kg	4		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Pleasanton

Detection Summary

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73334-1

Client Sample ID: SB-3-14' (Continued)

Lab Sample ID: 720-73334-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nickel	38		1.2		mg/Kg	4		6010B	Total/NA
Vanadium	31		1.2		mg/Kg	4		6010B	Total/NA
Zinc	19		3.5		mg/Kg	4		6010B	Total/NA
Mercury	0.023		0.0097		mg/Kg	1		7471A	Total/NA

Client Sample ID: SB-10-1'

Lab Sample ID: 720-73334-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	2.6		0.99		mg/Kg	1		8015B	Total/NA
Barium	99		1.6		mg/Kg	4		6010B	Total/NA
Chromium	35		1.6		mg/Kg	4		6010B	Total/NA
Cobalt	4.4		0.65		mg/Kg	4		6010B	Total/NA
Copper	11		4.8		mg/Kg	4		6010B	Total/NA
Lead	33		1.6		mg/Kg	4		6010B	Total/NA
Nickel	18		1.6		mg/Kg	4		6010B	Total/NA
Vanadium	22		1.6		mg/Kg	4		6010B	Total/NA
Zinc	37		4.8		mg/Kg	4		6010B	Total/NA
Mercury	0.11		0.0086		mg/Kg	1		7471A	Total/NA

Client Sample ID: SB-6-3'

Lab Sample ID: 720-73334-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	55		1.8		mg/Kg	4		6010B	Total/NA
Chromium	32		1.8		mg/Kg	4		6010B	Total/NA
Cobalt	2.4		0.70		mg/Kg	4		6010B	Total/NA
Lead	3.4		1.8		mg/Kg	4		6010B	Total/NA
Nickel	13		1.8		mg/Kg	4		6010B	Total/NA
Vanadium	21		1.8		mg/Kg	4		6010B	Total/NA
Zinc	13		5.3		mg/Kg	4		6010B	Total/NA
Mercury	0.024		0.0088		mg/Kg	1		7471A	Total/NA

Client Sample ID: SB-6-10'

Lab Sample ID: 720-73334-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	3.4		2.3		mg/Kg	4		6010B	Total/NA
Barium	87		1.1		mg/Kg	4		6010B	Total/NA
Beryllium	0.30		0.23		mg/Kg	4		6010B	Total/NA
Chromium	45		1.1		mg/Kg	4		6010B	Total/NA
Cobalt	12		0.46		mg/Kg	4		6010B	Total/NA
Copper	12		3.4		mg/Kg	4		6010B	Total/NA
Lead	3.8		1.1		mg/Kg	4		6010B	Total/NA
Nickel	44		1.1		mg/Kg	4		6010B	Total/NA
Vanadium	37		1.1		mg/Kg	4		6010B	Total/NA
Zinc	29		3.4		mg/Kg	4		6010B	Total/NA
Mercury	0.057		0.0086		mg/Kg	1		7471A	Total/NA

Client Sample ID: SB-6-15'

Lab Sample ID: 720-73334-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	42		1.9		mg/Kg	4		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Pleasanton

Detection Summary

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73334-1

Client Sample ID: SB-6-15' (Continued)

Lab Sample ID: 720-73334-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium	50		1.9		mg/Kg	4		6010B	Total/NA
Cobalt	6.9		0.74		mg/Kg	4		6010B	Total/NA
Nickel	45		1.9		mg/Kg	4		6010B	Total/NA
Vanadium	31		1.9		mg/Kg	4		6010B	Total/NA
Zinc	22		5.6		mg/Kg	4		6010B	Total/NA
Mercury	0.019		0.0094		mg/Kg	1		7471A	Total/NA

Client Sample ID: TB

Lab Sample ID: 720-73334-16

No Detections.

This Detection Summary does not include radiochemical test results.

TestAmerica Pleasanton

Client Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73334-1

Client Sample ID: SB-1-3'
Date Collected: 07/12/16 19:15
Date Received: 07/13/16 11:04

Lab Sample ID: 720-73334-1
Matrix: Solid

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		4.2		ug/Kg		07/13/16 13:35	07/13/16 14:54	1
Acetone	ND		42		ug/Kg		07/13/16 13:35	07/13/16 14:54	1
Benzene	ND		4.2		ug/Kg		07/13/16 13:35	07/13/16 14:54	1
Dichlorobromomethane	ND		4.2		ug/Kg		07/13/16 13:35	07/13/16 14:54	1
Bromobenzene	ND		4.2		ug/Kg		07/13/16 13:35	07/13/16 14:54	1
Chlorobromomethane	ND		17		ug/Kg		07/13/16 13:35	07/13/16 14:54	1
Bromoform	ND		4.2		ug/Kg		07/13/16 13:35	07/13/16 14:54	1
Bromomethane	ND		8.4		ug/Kg		07/13/16 13:35	07/13/16 14:54	1
2-Butanone (MEK)	ND		42		ug/Kg		07/13/16 13:35	07/13/16 14:54	1
n-Butylbenzene	ND		4.2		ug/Kg		07/13/16 13:35	07/13/16 14:54	1
sec-Butylbenzene	ND		4.2		ug/Kg		07/13/16 13:35	07/13/16 14:54	1
tert-Butylbenzene	ND		4.2		ug/Kg		07/13/16 13:35	07/13/16 14:54	1
Carbon disulfide	ND		4.2		ug/Kg		07/13/16 13:35	07/13/16 14:54	1
Carbon tetrachloride	ND		4.2		ug/Kg		07/13/16 13:35	07/13/16 14:54	1
Chlorobenzene	ND		4.2		ug/Kg		07/13/16 13:35	07/13/16 14:54	1
Chloroethane	ND		8.4		ug/Kg		07/13/16 13:35	07/13/16 14:54	1
Chloroform	ND		4.2		ug/Kg		07/13/16 13:35	07/13/16 14:54	1
Chloromethane	ND		8.4		ug/Kg		07/13/16 13:35	07/13/16 14:54	1
2-Chlorotoluene	ND		4.2		ug/Kg		07/13/16 13:35	07/13/16 14:54	1
4-Chlorotoluene	ND		4.2		ug/Kg		07/13/16 13:35	07/13/16 14:54	1
Chlorodibromomethane	ND		4.2		ug/Kg		07/13/16 13:35	07/13/16 14:54	1
1,2-Dichlorobenzene	ND		4.2		ug/Kg		07/13/16 13:35	07/13/16 14:54	1
1,3-Dichlorobenzene	ND		4.2		ug/Kg		07/13/16 13:35	07/13/16 14:54	1
1,4-Dichlorobenzene	ND		4.2		ug/Kg		07/13/16 13:35	07/13/16 14:54	1
1,3-Dichloropropane	ND		4.2		ug/Kg		07/13/16 13:35	07/13/16 14:54	1
1,1-Dichloropropene	ND		4.2		ug/Kg		07/13/16 13:35	07/13/16 14:54	1
1,2-Dibromo-3-Chloropropane	ND		8.4		ug/Kg		07/13/16 13:35	07/13/16 14:54	1
Ethylene Dibromide	ND		4.2		ug/Kg		07/13/16 13:35	07/13/16 14:54	1
Dibromomethane	ND		8.4		ug/Kg		07/13/16 13:35	07/13/16 14:54	1
Dichlorodifluoromethane	ND		8.4		ug/Kg		07/13/16 13:35	07/13/16 14:54	1
1,1-Dichloroethane	ND		4.2		ug/Kg		07/13/16 13:35	07/13/16 14:54	1
1,2-Dichloroethane	ND		4.2		ug/Kg		07/13/16 13:35	07/13/16 14:54	1
1,1-Dichloroethene	ND		4.2		ug/Kg		07/13/16 13:35	07/13/16 14:54	1
cis-1,2-Dichloroethene	ND		4.2		ug/Kg		07/13/16 13:35	07/13/16 14:54	1
trans-1,2-Dichloroethene	ND		4.2		ug/Kg		07/13/16 13:35	07/13/16 14:54	1
1,2-Dichloropropane	ND		4.2		ug/Kg		07/13/16 13:35	07/13/16 14:54	1
cis-1,3-Dichloropropene	ND		4.2		ug/Kg		07/13/16 13:35	07/13/16 14:54	1
trans-1,3-Dichloropropene	ND		4.2		ug/Kg		07/13/16 13:35	07/13/16 14:54	1
Ethylbenzene	ND		4.2		ug/Kg		07/13/16 13:35	07/13/16 14:54	1
Hexachlorobutadiene	ND		4.2		ug/Kg		07/13/16 13:35	07/13/16 14:54	1
2-Hexanone	ND		42		ug/Kg		07/13/16 13:35	07/13/16 14:54	1
Isopropylbenzene	ND		4.2		ug/Kg		07/13/16 13:35	07/13/16 14:54	1
4-Isopropyltoluene	ND		4.2		ug/Kg		07/13/16 13:35	07/13/16 14:54	1
Methylene Chloride	ND		8.4		ug/Kg		07/13/16 13:35	07/13/16 14:54	1
4-Methyl-2-pentanone (MIBK)	ND		42		ug/Kg		07/13/16 13:35	07/13/16 14:54	1
Naphthalene	ND		8.4		ug/Kg		07/13/16 13:35	07/13/16 14:54	1
N-Propylbenzene	ND		4.2		ug/Kg		07/13/16 13:35	07/13/16 14:54	1
Styrene	ND		4.2		ug/Kg		07/13/16 13:35	07/13/16 14:54	1
1,1,1,2-Tetrachloroethane	ND		4.2		ug/Kg		07/13/16 13:35	07/13/16 14:54	1

TestAmerica Pleasanton

Client Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73334-1

Client Sample ID: SB-1-3'

Lab Sample ID: 720-73334-1

Date Collected: 07/12/16 19:15

Matrix: Solid

Date Received: 07/13/16 11:04

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		4.2		ug/Kg		07/13/16 13:35	07/13/16 14:54	1
Tetrachloroethene	ND		4.2		ug/Kg		07/13/16 13:35	07/13/16 14:54	1
Toluene	ND		4.2		ug/Kg		07/13/16 13:35	07/13/16 14:54	1
1,2,3-Trichlorobenzene	ND		4.2		ug/Kg		07/13/16 13:35	07/13/16 14:54	1
1,2,4-Trichlorobenzene	ND		4.2		ug/Kg		07/13/16 13:35	07/13/16 14:54	1
1,1,1-Trichloroethane	ND		4.2		ug/Kg		07/13/16 13:35	07/13/16 14:54	1
1,1,2-Trichloroethane	ND		4.2		ug/Kg		07/13/16 13:35	07/13/16 14:54	1
Trichloroethene	ND		4.2		ug/Kg		07/13/16 13:35	07/13/16 14:54	1
Trichlorofluoromethane	ND		4.2		ug/Kg		07/13/16 13:35	07/13/16 14:54	1
1,2,3-Trichloropropane	ND		4.2		ug/Kg		07/13/16 13:35	07/13/16 14:54	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.2		ug/Kg		07/13/16 13:35	07/13/16 14:54	1
1,2,4-Trimethylbenzene	ND		4.2		ug/Kg		07/13/16 13:35	07/13/16 14:54	1
1,3,5-Trimethylbenzene	ND		4.2		ug/Kg		07/13/16 13:35	07/13/16 14:54	1
Vinyl acetate	ND		17		ug/Kg		07/13/16 13:35	07/13/16 14:54	1
Vinyl chloride	ND		4.2		ug/Kg		07/13/16 13:35	07/13/16 14:54	1
Xylenes, Total	ND		8.4		ug/Kg		07/13/16 13:35	07/13/16 14:54	1
2,2-Dichloropropane	ND		4.2		ug/Kg		07/13/16 13:35	07/13/16 14:54	1
Gasoline Range Organics (GRO) -C5-C12	ND		210		ug/Kg		07/13/16 13:35	07/13/16 14:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	94		45 - 131	07/13/16 13:35	07/13/16 14:54	1
1,2-Dichloroethane-d4 (Surr)	106		60 - 140	07/13/16 13:35	07/13/16 14:54	1
Toluene-d8 (Surr)	97		58 - 140	07/13/16 13:35	07/13/16 14:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		0.067		mg/Kg		07/13/16 13:56	07/13/16 22:01	1
Acenaphthylene	ND		0.067		mg/Kg		07/13/16 13:56	07/13/16 22:01	1
Acenaphthene	ND		0.067		mg/Kg		07/13/16 13:56	07/13/16 22:01	1
Fluorene	ND		0.067		mg/Kg		07/13/16 13:56	07/13/16 22:01	1
Phenanthrene	ND		0.067		mg/Kg		07/13/16 13:56	07/13/16 22:01	1
Anthracene	ND		0.067		mg/Kg		07/13/16 13:56	07/13/16 22:01	1
Fluoranthene	ND		0.067		mg/Kg		07/13/16 13:56	07/13/16 22:01	1
Pyrene	ND		0.067		mg/Kg		07/13/16 13:56	07/13/16 22:01	1
Benzo[a]anthracene	ND		0.33		mg/Kg		07/13/16 13:56	07/13/16 22:01	1
Chrysene	ND		0.067		mg/Kg		07/13/16 13:56	07/13/16 22:01	1
Benzo[b]fluoranthene	ND		0.067		mg/Kg		07/13/16 13:56	07/13/16 22:01	1
Benzo[k]fluoranthene	ND		0.067		mg/Kg		07/13/16 13:56	07/13/16 22:01	1
Benzo[a]pyrene	ND		0.067		mg/Kg		07/13/16 13:56	07/13/16 22:01	1
Indeno[1,2,3-cd]pyrene	ND		0.067		mg/Kg		07/13/16 13:56	07/13/16 22:01	1
Benzo[g,h,i]perylene	ND		0.067		mg/Kg		07/13/16 13:56	07/13/16 22:01	1
Dibenz(a,h)anthracene	ND		0.067		mg/Kg		07/13/16 13:56	07/13/16 22:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	79		21 - 98	07/13/16 13:56	07/13/16 22:01	1
2-Fluorobiphenyl	80		30 - 112	07/13/16 13:56	07/13/16 22:01	1
Terphenyl-d14	83		59 - 134	07/13/16 13:56	07/13/16 22:01	1

TestAmerica Pleasanton

Client Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73334-1

Client Sample ID: SB-1-3'
Date Collected: 07/12/16 19:15
Date Received: 07/13/16 11:04

Lab Sample ID: 720-73334-1
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		0.99		mg/Kg		07/13/16 15:18	07/14/16 02:14	1
Motor Oil Range Organics [C24-C36]	ND		50		mg/Kg		07/13/16 15:18	07/14/16 02:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>p-Terphenyl</i>	95		40 - 130				07/13/16 15:18	07/14/16 02:14	1

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		2.0		ug/Kg		07/13/16 11:39	07/14/16 02:26	1
Dieldrin	ND		2.0		ug/Kg		07/13/16 11:39	07/14/16 02:26	1
Endrin aldehyde	ND		2.0		ug/Kg		07/13/16 11:39	07/14/16 02:26	1
Endrin	ND		2.0		ug/Kg		07/13/16 11:39	07/14/16 02:26	1
Endrin ketone	ND		2.0		ug/Kg		07/13/16 11:39	07/14/16 02:26	1
Heptachlor	ND		2.0		ug/Kg		07/13/16 11:39	07/14/16 02:26	1
Heptachlor epoxide	ND		2.0		ug/Kg		07/13/16 11:39	07/14/16 02:26	1
4,4'-DDT	ND		2.0		ug/Kg		07/13/16 11:39	07/14/16 02:26	1
4,4'-DDE	ND		2.0		ug/Kg		07/13/16 11:39	07/14/16 02:26	1
4,4'-DDD	ND		2.0		ug/Kg		07/13/16 11:39	07/14/16 02:26	1
Endosulfan I	ND		2.0		ug/Kg		07/13/16 11:39	07/14/16 02:26	1
Endosulfan II	ND		2.0		ug/Kg		07/13/16 11:39	07/14/16 02:26	1
alpha-BHC	ND		2.0		ug/Kg		07/13/16 11:39	07/14/16 02:26	1
beta-BHC	ND		2.0		ug/Kg		07/13/16 11:39	07/14/16 02:26	1
gamma-BHC (Lindane)	ND		2.0		ug/Kg		07/13/16 11:39	07/14/16 02:26	1
delta-BHC	ND		2.0		ug/Kg		07/13/16 11:39	07/14/16 02:26	1
Endosulfan sulfate	ND		2.0		ug/Kg		07/13/16 11:39	07/14/16 02:26	1
Methoxychlor	ND		2.0		ug/Kg		07/13/16 11:39	07/14/16 02:26	1
Toxaphene	ND		39		ug/Kg		07/13/16 11:39	07/14/16 02:26	1
Chlordane (technical)	ND		39		ug/Kg		07/13/16 11:39	07/14/16 02:26	1
alpha-Chlordane	ND		2.0		ug/Kg		07/13/16 11:39	07/14/16 02:26	1
gamma-Chlordane	ND		2.0		ug/Kg		07/13/16 11:39	07/14/16 02:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>Tetrachloro-m-xylene</i>	91		57 - 122				07/13/16 11:39	07/14/16 02:26	1
<i>DCB Decachlorobiphenyl</i>	105		21 - 136				07/13/16 11:39	07/14/16 02:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		49		ug/Kg		07/13/16 14:28	07/13/16 20:21	1
PCB-1221	ND		49		ug/Kg		07/13/16 14:28	07/13/16 20:21	1
PCB-1232	ND		49		ug/Kg		07/13/16 14:28	07/13/16 20:21	1
PCB-1242	ND		49		ug/Kg		07/13/16 14:28	07/13/16 20:21	1
PCB-1248	ND		49		ug/Kg		07/13/16 14:28	07/13/16 20:21	1
PCB-1254	ND		49		ug/Kg		07/13/16 14:28	07/13/16 20:21	1
PCB-1260	ND		49		ug/Kg		07/13/16 14:28	07/13/16 20:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>Tetrachloro-m-xylene</i>	83		45 - 132				07/13/16 14:28	07/13/16 20:21	1
<i>DCB Decachlorobiphenyl</i>	67		42 - 146				07/13/16 14:28	07/13/16 20:21	1

TestAmerica Pleasanton

Client Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73334-1

Client Sample ID: SB-1-3'
Date Collected: 07/12/16 19:15
Date Received: 07/13/16 11:04

Lab Sample ID: 720-73334-1
Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.3		mg/Kg		07/13/16 19:39	07/14/16 16:13	4
Arsenic	ND		2.5		mg/Kg		07/13/16 19:39	07/14/16 16:13	4
Barium	48		1.3		mg/Kg		07/13/16 19:39	07/14/16 16:13	4
Beryllium	ND		0.25		mg/Kg		07/13/16 19:39	07/14/16 16:13	4
Cadmium	ND		0.32		mg/Kg		07/13/16 19:39	07/14/16 16:13	4
Chromium	31		1.3		mg/Kg		07/13/16 19:39	07/14/16 16:13	4
Cobalt	2.8		0.51		mg/Kg		07/13/16 19:39	07/14/16 16:13	4
Copper	7.0		3.8		mg/Kg		07/13/16 19:39	07/14/16 16:13	4
Lead	5.4		1.3		mg/Kg		07/13/16 19:39	07/14/16 16:13	4
Molybdenum	ND		1.3		mg/Kg		07/13/16 19:39	07/14/16 16:13	4
Nickel	15		1.3		mg/Kg		07/13/16 19:39	07/14/16 16:13	4
Selenium	ND		2.5		mg/Kg		07/13/16 19:39	07/14/16 16:13	4
Silver	ND		0.63		mg/Kg		07/13/16 19:39	07/14/16 16:13	4
Thallium	ND		1.3		mg/Kg		07/13/16 19:39	07/14/16 16:13	4
Vanadium	20		1.3		mg/Kg		07/13/16 19:39	07/14/16 16:13	4
Zinc	22		3.8		mg/Kg		07/13/16 19:39	07/14/16 16:13	4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.029		0.010		mg/Kg		07/13/16 17:08	07/14/16 14:43	1

Client Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73334-1

Client Sample ID: SB-1-9'

Date Collected: 07/12/16 19:30

Date Received: 07/13/16 11:04

Lab Sample ID: 720-73334-2

Matrix: Solid

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 15:23	1
Acetone	ND		37		ug/Kg		07/13/16 13:35	07/13/16 15:23	1
Benzene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 15:23	1
Dichlorobromomethane	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 15:23	1
Bromobenzene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 15:23	1
Chlorobromomethane	ND		15		ug/Kg		07/13/16 13:35	07/13/16 15:23	1
Bromoform	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 15:23	1
Bromomethane	ND		7.4		ug/Kg		07/13/16 13:35	07/13/16 15:23	1
2-Butanone (MEK)	ND		37		ug/Kg		07/13/16 13:35	07/13/16 15:23	1
n-Butylbenzene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 15:23	1
sec-Butylbenzene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 15:23	1
tert-Butylbenzene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 15:23	1
Carbon disulfide	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 15:23	1
Carbon tetrachloride	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 15:23	1
Chlorobenzene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 15:23	1
Chloroethane	ND		7.4		ug/Kg		07/13/16 13:35	07/13/16 15:23	1
Chloroform	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 15:23	1
Chloromethane	ND		7.4		ug/Kg		07/13/16 13:35	07/13/16 15:23	1
2-Chlorotoluene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 15:23	1
4-Chlorotoluene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 15:23	1
Chlorodibromomethane	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 15:23	1
1,2-Dichlorobenzene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 15:23	1
1,3-Dichlorobenzene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 15:23	1
1,4-Dichlorobenzene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 15:23	1
1,3-Dichloropropane	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 15:23	1
1,1-Dichloropropane	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 15:23	1
1,2-Dibromo-3-Chloropropane	ND		7.4		ug/Kg		07/13/16 13:35	07/13/16 15:23	1
Ethylene Dibromide	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 15:23	1
Dibromomethane	ND		7.4		ug/Kg		07/13/16 13:35	07/13/16 15:23	1
Dichlorodifluoromethane	ND		7.4		ug/Kg		07/13/16 13:35	07/13/16 15:23	1
1,1-Dichloroethane	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 15:23	1
1,2-Dichloroethane	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 15:23	1
1,1-Dichloroethene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 15:23	1
cis-1,2-Dichloroethene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 15:23	1
trans-1,2-Dichloroethene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 15:23	1
1,2-Dichloropropane	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 15:23	1
cis-1,3-Dichloropropene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 15:23	1
trans-1,3-Dichloropropene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 15:23	1
Ethylbenzene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 15:23	1
Hexachlorobutadiene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 15:23	1
2-Hexanone	ND		37		ug/Kg		07/13/16 13:35	07/13/16 15:23	1
Isopropylbenzene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 15:23	1
4-Isopropyltoluene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 15:23	1
Methylene Chloride	ND		7.4		ug/Kg		07/13/16 13:35	07/13/16 15:23	1
4-Methyl-2-pentanone (MIBK)	ND		37		ug/Kg		07/13/16 13:35	07/13/16 15:23	1
Naphthalene	ND		7.4		ug/Kg		07/13/16 13:35	07/13/16 15:23	1
N-Propylbenzene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 15:23	1
Styrene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 15:23	1
1,1,1,2-Tetrachloroethane	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 15:23	1

TestAmerica Pleasanton

Client Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73334-1

Client Sample ID: SB-1-9'

Lab Sample ID: 720-73334-2

Date Collected: 07/12/16 19:30

Matrix: Solid

Date Received: 07/13/16 11:04

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 15:23	1
Tetrachloroethene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 15:23	1
Toluene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 15:23	1
1,2,3-Trichlorobenzene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 15:23	1
1,2,4-Trichlorobenzene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 15:23	1
1,1,1-Trichloroethane	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 15:23	1
1,1,2-Trichloroethane	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 15:23	1
Trichloroethene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 15:23	1
Trichlorofluoromethane	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 15:23	1
1,2,3-Trichloropropane	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 15:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 15:23	1
1,2,4-Trimethylbenzene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 15:23	1
1,3,5-Trimethylbenzene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 15:23	1
Vinyl acetate	ND		15		ug/Kg		07/13/16 13:35	07/13/16 15:23	1
Vinyl chloride	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 15:23	1
Xylenes, Total	ND		7.4		ug/Kg		07/13/16 13:35	07/13/16 15:23	1
2,2-Dichloropropane	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 15:23	1
Gasoline Range Organics (GRO) -C5-C12	ND		190		ug/Kg		07/13/16 13:35	07/13/16 15:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	91		45 - 131	07/13/16 13:35	07/13/16 15:23	1
1,2-Dichloroethane-d4 (Surr)	104		60 - 140	07/13/16 13:35	07/13/16 15:23	1
Toluene-d8 (Surr)	97		58 - 140	07/13/16 13:35	07/13/16 15:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		0.99		mg/Kg		07/13/16 15:18	07/14/16 02:43	1
Motor Oil Range Organics [C24-C36]	ND		50		mg/Kg		07/13/16 15:18	07/14/16 02:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
p-Terphenyl	93		40 - 130	07/13/16 15:18	07/14/16 02:43	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.5		mg/Kg		07/13/16 12:06	07/14/16 11:53	4
Arsenic	5.4		3.0		mg/Kg		07/13/16 12:06	07/14/16 11:53	4
Barium	53		1.5		mg/Kg		07/13/16 12:06	07/14/16 11:53	4
Beryllium	ND		0.30		mg/Kg		07/13/16 12:06	07/14/16 11:53	4
Cadmium	ND		0.37		mg/Kg		07/13/16 12:06	07/14/16 11:53	4
Chromium	49		1.5		mg/Kg		07/13/16 12:06	07/14/16 11:53	4
Cobalt	11		0.59		mg/Kg		07/13/16 12:06	07/14/16 11:53	4
Copper	12		4.4		mg/Kg		07/13/16 12:06	07/14/16 11:53	4
Lead	3.6		1.5		mg/Kg		07/13/16 12:06	07/14/16 11:53	4
Molybdenum	ND		1.5		mg/Kg		07/13/16 12:06	07/14/16 11:53	4
Nickel	46		1.5		mg/Kg		07/13/16 12:06	07/14/16 11:53	4
Selenium	ND		3.0		mg/Kg		07/13/16 12:06	07/14/16 11:53	4
Silver	ND		0.74		mg/Kg		07/13/16 12:06	07/14/16 11:53	4
Thallium	ND		1.5		mg/Kg		07/13/16 12:06	07/14/16 11:53	4
Vanadium	38		1.5		mg/Kg		07/13/16 12:06	07/14/16 11:53	4
Zinc	32		4.4		mg/Kg		07/13/16 12:06	07/14/16 11:53	4

TestAmerica Pleasanton

Client Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73334-1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.051		0.0094		mg/Kg		07/13/16 12:32	07/14/16 15:57	1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Client Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73334-1

Client Sample ID: SB-1-15'

Lab Sample ID: 720-73334-3

Date Collected: 07/12/16 19:45

Matrix: Solid

Date Received: 07/13/16 11:04

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 15:52	1
Acetone	ND		37		ug/Kg		07/13/16 13:35	07/13/16 15:52	1
Benzene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 15:52	1
Dichlorobromomethane	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 15:52	1
Bromobenzene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 15:52	1
Chlorobromomethane	ND		15		ug/Kg		07/13/16 13:35	07/13/16 15:52	1
Bromoform	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 15:52	1
Bromomethane	ND		7.4		ug/Kg		07/13/16 13:35	07/13/16 15:52	1
2-Butanone (MEK)	ND		37		ug/Kg		07/13/16 13:35	07/13/16 15:52	1
n-Butylbenzene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 15:52	1
sec-Butylbenzene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 15:52	1
tert-Butylbenzene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 15:52	1
Carbon disulfide	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 15:52	1
Carbon tetrachloride	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 15:52	1
Chlorobenzene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 15:52	1
Chloroethane	ND		7.4		ug/Kg		07/13/16 13:35	07/13/16 15:52	1
Chloroform	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 15:52	1
Chloromethane	ND		7.4		ug/Kg		07/13/16 13:35	07/13/16 15:52	1
2-Chlorotoluene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 15:52	1
4-Chlorotoluene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 15:52	1
Chlorodibromomethane	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 15:52	1
1,2-Dichlorobenzene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 15:52	1
1,3-Dichlorobenzene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 15:52	1
1,4-Dichlorobenzene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 15:52	1
1,3-Dichloropropane	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 15:52	1
1,1-Dichloropropane	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 15:52	1
1,2-Dibromo-3-Chloropropane	ND		7.4		ug/Kg		07/13/16 13:35	07/13/16 15:52	1
Ethylene Dibromide	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 15:52	1
Dibromomethane	ND		7.4		ug/Kg		07/13/16 13:35	07/13/16 15:52	1
Dichlorodifluoromethane	ND		7.4		ug/Kg		07/13/16 13:35	07/13/16 15:52	1
1,1-Dichloroethane	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 15:52	1
1,2-Dichloroethane	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 15:52	1
1,1-Dichloroethene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 15:52	1
cis-1,2-Dichloroethene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 15:52	1
trans-1,2-Dichloroethene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 15:52	1
1,2-Dichloropropane	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 15:52	1
cis-1,3-Dichloropropene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 15:52	1
trans-1,3-Dichloropropene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 15:52	1
Ethylbenzene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 15:52	1
Hexachlorobutadiene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 15:52	1
2-Hexanone	ND		37		ug/Kg		07/13/16 13:35	07/13/16 15:52	1
Isopropylbenzene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 15:52	1
4-Isopropyltoluene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 15:52	1
Methylene Chloride	ND		7.4		ug/Kg		07/13/16 13:35	07/13/16 15:52	1
4-Methyl-2-pentanone (MIBK)	ND		37		ug/Kg		07/13/16 13:35	07/13/16 15:52	1
Naphthalene	ND		7.4		ug/Kg		07/13/16 13:35	07/13/16 15:52	1
N-Propylbenzene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 15:52	1
Styrene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 15:52	1
1,1,1,2-Tetrachloroethane	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 15:52	1

TestAmerica Pleasanton

Client Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73334-1

Client Sample ID: SB-1-15'

Lab Sample ID: 720-73334-3

Date Collected: 07/12/16 19:45

Matrix: Solid

Date Received: 07/13/16 11:04

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 15:52	1
Tetrachloroethene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 15:52	1
Toluene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 15:52	1
1,2,3-Trichlorobenzene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 15:52	1
1,2,4-Trichlorobenzene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 15:52	1
1,1,1-Trichloroethane	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 15:52	1
1,1,2-Trichloroethane	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 15:52	1
Trichloroethene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 15:52	1
Trichlorofluoromethane	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 15:52	1
1,2,3-Trichloropropane	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 15:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 15:52	1
1,2,4-Trimethylbenzene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 15:52	1
1,3,5-Trimethylbenzene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 15:52	1
Vinyl acetate	ND		15		ug/Kg		07/13/16 13:35	07/13/16 15:52	1
Vinyl chloride	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 15:52	1
Xylenes, Total	ND		7.4		ug/Kg		07/13/16 13:35	07/13/16 15:52	1
2,2-Dichloropropane	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 15:52	1
Gasoline Range Organics (GRO) -C5-C12	ND		180		ug/Kg		07/13/16 13:35	07/13/16 15:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	91		45 - 131	07/13/16 13:35	07/13/16 15:52	1
1,2-Dichloroethane-d4 (Surr)	108		60 - 140	07/13/16 13:35	07/13/16 15:52	1
Toluene-d8 (Surr)	96		58 - 140	07/13/16 13:35	07/13/16 15:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		1.0		mg/Kg		07/13/16 15:18	07/14/16 03:13	1
Motor Oil Range Organics [C24-C36]	ND		50		mg/Kg		07/13/16 15:18	07/14/16 03:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
p-Terphenyl	99		40 - 130	07/13/16 15:18	07/14/16 03:13	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.8		mg/Kg		07/13/16 12:06	07/14/16 11:58	4
Arsenic	ND		3.6		mg/Kg		07/13/16 12:06	07/14/16 11:58	4
Barium	62		1.8		mg/Kg		07/13/16 12:06	07/14/16 11:58	4
Beryllium	ND		0.36		mg/Kg		07/13/16 12:06	07/14/16 11:58	4
Cadmium	ND		0.45		mg/Kg		07/13/16 12:06	07/14/16 11:58	4
Chromium	62		1.8		mg/Kg		07/13/16 12:06	07/14/16 11:58	4
Cobalt	6.8		0.72		mg/Kg		07/13/16 12:06	07/14/16 11:58	4
Copper	6.8		5.4		mg/Kg		07/13/16 12:06	07/14/16 11:58	4
Lead	1.9		1.8		mg/Kg		07/13/16 12:06	07/14/16 11:58	4
Molybdenum	ND		1.8		mg/Kg		07/13/16 12:06	07/14/16 11:58	4
Nickel	44		1.8		mg/Kg		07/13/16 12:06	07/14/16 11:58	4
Selenium	ND		3.6		mg/Kg		07/13/16 12:06	07/14/16 11:58	4
Silver	ND		0.90		mg/Kg		07/13/16 12:06	07/14/16 11:58	4
Thallium	ND		1.8		mg/Kg		07/13/16 12:06	07/14/16 11:58	4
Vanadium	31		1.8		mg/Kg		07/13/16 12:06	07/14/16 11:58	4
Zinc	23		5.4		mg/Kg		07/13/16 12:06	07/14/16 11:58	4

TestAmerica Pleasanton

Client Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73334-1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.032		0.0098		mg/Kg		07/13/16 12:32	07/14/16 16:00	1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Client Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73334-1

Client Sample ID: SB-1

Date Collected: 07/12/16 20:15

Date Received: 07/13/16 11:04

Lab Sample ID: 720-73334-4

Matrix: Water

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			07/14/16 03:09	1
Acetone	ND		50		ug/L			07/14/16 03:09	1
Benzene	ND		0.50		ug/L			07/14/16 03:09	1
Dichlorobromomethane	ND		0.50		ug/L			07/14/16 03:09	1
Bromobenzene	ND		1.0		ug/L			07/14/16 03:09	1
Chlorobromomethane	ND		1.0		ug/L			07/14/16 03:09	1
Bromoform	ND		1.0		ug/L			07/14/16 03:09	1
Bromomethane	ND		1.0		ug/L			07/14/16 03:09	1
2-Butanone (MEK)	ND		50		ug/L			07/14/16 03:09	1
n-Butylbenzene	ND		1.0		ug/L			07/14/16 03:09	1
sec-Butylbenzene	ND		1.0		ug/L			07/14/16 03:09	1
tert-Butylbenzene	ND		1.0		ug/L			07/14/16 03:09	1
Carbon disulfide	ND		5.0		ug/L			07/14/16 03:09	1
Carbon tetrachloride	ND		0.50		ug/L			07/14/16 03:09	1
Chlorobenzene	ND		0.50		ug/L			07/14/16 03:09	1
Chloroethane	ND		1.0		ug/L			07/14/16 03:09	1
Chloroform	2.8		1.0		ug/L			07/14/16 03:09	1
Chloromethane	ND		1.0		ug/L			07/14/16 03:09	1
2-Chlorotoluene	ND		0.50		ug/L			07/14/16 03:09	1
4-Chlorotoluene	ND		0.50		ug/L			07/14/16 03:09	1
Chlorodibromomethane	ND		0.50		ug/L			07/14/16 03:09	1
1,2-Dichlorobenzene	ND		0.50		ug/L			07/14/16 03:09	1
1,3-Dichlorobenzene	ND		0.50		ug/L			07/14/16 03:09	1
1,4-Dichlorobenzene	ND		0.50		ug/L			07/14/16 03:09	1
1,3-Dichloropropane	ND		1.0		ug/L			07/14/16 03:09	1
1,1-Dichloropropene	ND		0.50		ug/L			07/14/16 03:09	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			07/14/16 03:09	1
Ethylene Dibromide	ND		0.50		ug/L			07/14/16 03:09	1
Dibromomethane	ND		0.50		ug/L			07/14/16 03:09	1
Dichlorodifluoromethane	ND		0.50		ug/L			07/14/16 03:09	1
1,1-Dichloroethane	ND		0.50		ug/L			07/14/16 03:09	1
1,2-Dichloroethane	ND		0.50		ug/L			07/14/16 03:09	1
1,1-Dichloroethene	ND		0.50		ug/L			07/14/16 03:09	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			07/14/16 03:09	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			07/14/16 03:09	1
1,2-Dichloropropane	ND		0.50		ug/L			07/14/16 03:09	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			07/14/16 03:09	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			07/14/16 03:09	1
Ethylbenzene	ND		0.50		ug/L			07/14/16 03:09	1
Hexachlorobutadiene	ND		1.0		ug/L			07/14/16 03:09	1
2-Hexanone	ND		50		ug/L			07/14/16 03:09	1
Isopropylbenzene	ND		0.50		ug/L			07/14/16 03:09	1
4-Isopropyltoluene	ND		1.0		ug/L			07/14/16 03:09	1
Methylene Chloride	ND		5.0		ug/L			07/14/16 03:09	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/14/16 03:09	1
Naphthalene	ND		1.0		ug/L			07/14/16 03:09	1
N-Propylbenzene	ND		1.0		ug/L			07/14/16 03:09	1
Styrene	ND		0.50		ug/L			07/14/16 03:09	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			07/14/16 03:09	1

TestAmerica Pleasanton

Client Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73334-1

Client Sample ID: SB-1

Lab Sample ID: 720-73334-4

Date Collected: 07/12/16 20:15

Matrix: Water

Date Received: 07/13/16 11:04

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			07/14/16 03:09	1
Tetrachloroethene	ND		0.50		ug/L			07/14/16 03:09	1
Toluene	ND		0.50		ug/L			07/14/16 03:09	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			07/14/16 03:09	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			07/14/16 03:09	1
1,1,1-Trichloroethane	ND		0.50		ug/L			07/14/16 03:09	1
1,1,2-Trichloroethane	ND		0.50		ug/L			07/14/16 03:09	1
Trichloroethene	ND		0.50		ug/L			07/14/16 03:09	1
Trichlorofluoromethane	ND		1.0		ug/L			07/14/16 03:09	1
1,2,3-Trichloropropane	ND		0.50		ug/L			07/14/16 03:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			07/14/16 03:09	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			07/14/16 03:09	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			07/14/16 03:09	1
Vinyl acetate	ND		10		ug/L			07/14/16 03:09	1
Vinyl chloride	ND		0.50		ug/L			07/14/16 03:09	1
Xylenes, Total	ND		1.0		ug/L			07/14/16 03:09	1
2,2-Dichloropropane	ND *		0.50		ug/L			07/14/16 03:09	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			07/14/16 03:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	104		67 - 130		07/14/16 03:09	1
1,2-Dichloroethane-d4 (Surr)	112		72 - 130		07/14/16 03:09	1
Toluene-d8 (Surr)	99		70 - 130		07/14/16 03:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		52		ug/L		07/13/16 12:56	07/13/16 22:44	1
Motor Oil Range Organics [C24-C36]	ND		100		ug/L		07/13/16 12:56	07/13/16 22:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
p-Terphenyl	85		23 - 156	07/13/16 12:56	07/13/16 22:44	1

Method: 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.010		mg/L		07/13/16 16:53	07/14/16 12:23	1
Arsenic	ND		0.010		mg/L		07/13/16 16:53	07/14/16 12:23	1
Barium	0.057		0.050		mg/L		07/13/16 16:53	07/14/16 12:23	1
Beryllium	ND		0.0020		mg/L		07/13/16 16:53	07/14/16 12:23	1
Cadmium	ND		0.0020		mg/L		07/13/16 16:53	07/14/16 12:23	1
Chromium	ND		0.010		mg/L		07/13/16 16:53	07/14/16 12:23	1
Cobalt	ND		0.0020		mg/L		07/13/16 16:53	07/14/16 12:23	1
Copper	ND		0.020		mg/L		07/13/16 16:53	07/14/16 12:23	1
Lead	ND		0.0050		mg/L		07/13/16 16:53	07/14/16 12:23	1
Molybdenum	0.013		0.010		mg/L		07/13/16 16:53	07/14/16 12:23	1
Nickel	ND		0.010		mg/L		07/13/16 16:53	07/14/16 12:23	1
Selenium	ND		0.020		mg/L		07/13/16 16:53	07/14/16 12:23	1
Silver	ND		0.0050		mg/L		07/13/16 16:53	07/14/16 12:23	1
Thallium	ND		0.010		mg/L		07/13/16 16:53	07/14/16 12:23	1
Vanadium	ND		0.010		mg/L		07/13/16 16:53	07/14/16 12:23	1
Zinc	ND		0.020		mg/L		07/13/16 16:53	07/14/16 12:23	1

TestAmerica Pleasanton

Client Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73334-1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		07/13/16 18:08	07/14/16 11:21	1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Client Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73334-1

Client Sample ID: SB-7-1'

Date Collected: 07/12/16 23:10

Date Received: 07/13/16 11:04

Lab Sample ID: 720-73334-5

Matrix: Solid

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		4.3		ug/Kg		07/13/16 13:35	07/13/16 16:22	1
Acetone	ND		43		ug/Kg		07/13/16 13:35	07/13/16 16:22	1
Benzene	ND		4.3		ug/Kg		07/13/16 13:35	07/13/16 16:22	1
Dichlorobromomethane	ND		4.3		ug/Kg		07/13/16 13:35	07/13/16 16:22	1
Bromobenzene	ND		4.3		ug/Kg		07/13/16 13:35	07/13/16 16:22	1
Chlorobromomethane	ND		17		ug/Kg		07/13/16 13:35	07/13/16 16:22	1
Bromoform	ND		4.3		ug/Kg		07/13/16 13:35	07/13/16 16:22	1
Bromomethane	ND		8.6		ug/Kg		07/13/16 13:35	07/13/16 16:22	1
2-Butanone (MEK)	ND		43		ug/Kg		07/13/16 13:35	07/13/16 16:22	1
n-Butylbenzene	ND		4.3		ug/Kg		07/13/16 13:35	07/13/16 16:22	1
sec-Butylbenzene	ND		4.3		ug/Kg		07/13/16 13:35	07/13/16 16:22	1
tert-Butylbenzene	ND		4.3		ug/Kg		07/13/16 13:35	07/13/16 16:22	1
Carbon disulfide	ND		4.3		ug/Kg		07/13/16 13:35	07/13/16 16:22	1
Carbon tetrachloride	ND		4.3		ug/Kg		07/13/16 13:35	07/13/16 16:22	1
Chlorobenzene	ND		4.3		ug/Kg		07/13/16 13:35	07/13/16 16:22	1
Chloroethane	ND		8.6		ug/Kg		07/13/16 13:35	07/13/16 16:22	1
Chloroform	ND		4.3		ug/Kg		07/13/16 13:35	07/13/16 16:22	1
Chloromethane	ND		8.6		ug/Kg		07/13/16 13:35	07/13/16 16:22	1
2-Chlorotoluene	ND		4.3		ug/Kg		07/13/16 13:35	07/13/16 16:22	1
4-Chlorotoluene	ND		4.3		ug/Kg		07/13/16 13:35	07/13/16 16:22	1
Chlorodibromomethane	ND		4.3		ug/Kg		07/13/16 13:35	07/13/16 16:22	1
1,2-Dichlorobenzene	ND		4.3		ug/Kg		07/13/16 13:35	07/13/16 16:22	1
1,3-Dichlorobenzene	ND		4.3		ug/Kg		07/13/16 13:35	07/13/16 16:22	1
1,4-Dichlorobenzene	ND		4.3		ug/Kg		07/13/16 13:35	07/13/16 16:22	1
1,3-Dichloropropane	ND		4.3		ug/Kg		07/13/16 13:35	07/13/16 16:22	1
1,1-Dichloropropane	ND		4.3		ug/Kg		07/13/16 13:35	07/13/16 16:22	1
1,2-Dibromo-3-Chloropropane	ND		8.6		ug/Kg		07/13/16 13:35	07/13/16 16:22	1
Ethylene Dibromide	ND		4.3		ug/Kg		07/13/16 13:35	07/13/16 16:22	1
Dibromomethane	ND		8.6		ug/Kg		07/13/16 13:35	07/13/16 16:22	1
Dichlorodifluoromethane	ND		8.6		ug/Kg		07/13/16 13:35	07/13/16 16:22	1
1,1-Dichloroethane	ND		4.3		ug/Kg		07/13/16 13:35	07/13/16 16:22	1
1,2-Dichloroethane	ND		4.3		ug/Kg		07/13/16 13:35	07/13/16 16:22	1
1,1-Dichloroethene	ND		4.3		ug/Kg		07/13/16 13:35	07/13/16 16:22	1
cis-1,2-Dichloroethene	ND		4.3		ug/Kg		07/13/16 13:35	07/13/16 16:22	1
trans-1,2-Dichloroethene	ND		4.3		ug/Kg		07/13/16 13:35	07/13/16 16:22	1
1,2-Dichloropropane	ND		4.3		ug/Kg		07/13/16 13:35	07/13/16 16:22	1
cis-1,3-Dichloropropene	ND		4.3		ug/Kg		07/13/16 13:35	07/13/16 16:22	1
trans-1,3-Dichloropropene	ND		4.3		ug/Kg		07/13/16 13:35	07/13/16 16:22	1
Ethylbenzene	ND		4.3		ug/Kg		07/13/16 13:35	07/13/16 16:22	1
Hexachlorobutadiene	ND		4.3		ug/Kg		07/13/16 13:35	07/13/16 16:22	1
2-Hexanone	ND		43		ug/Kg		07/13/16 13:35	07/13/16 16:22	1
Isopropylbenzene	ND		4.3		ug/Kg		07/13/16 13:35	07/13/16 16:22	1
4-Isopropyltoluene	ND		4.3		ug/Kg		07/13/16 13:35	07/13/16 16:22	1
Methylene Chloride	ND		8.6		ug/Kg		07/13/16 13:35	07/13/16 16:22	1
4-Methyl-2-pentanone (MIBK)	ND		43		ug/Kg		07/13/16 13:35	07/13/16 16:22	1
Naphthalene	ND		8.6		ug/Kg		07/13/16 13:35	07/13/16 16:22	1
N-Propylbenzene	ND		4.3		ug/Kg		07/13/16 13:35	07/13/16 16:22	1
Styrene	ND		4.3		ug/Kg		07/13/16 13:35	07/13/16 16:22	1
1,1,1,2-Tetrachloroethane	ND		4.3		ug/Kg		07/13/16 13:35	07/13/16 16:22	1

TestAmerica Pleasanton

Client Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73334-1

Client Sample ID: SB-7-1'

Lab Sample ID: 720-73334-5

Date Collected: 07/12/16 23:10

Matrix: Solid

Date Received: 07/13/16 11:04

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		4.3		ug/Kg		07/13/16 13:35	07/13/16 16:22	1
Tetrachloroethene	ND		4.3		ug/Kg		07/13/16 13:35	07/13/16 16:22	1
Toluene	ND		4.3		ug/Kg		07/13/16 13:35	07/13/16 16:22	1
1,2,3-Trichlorobenzene	ND		4.3		ug/Kg		07/13/16 13:35	07/13/16 16:22	1
1,2,4-Trichlorobenzene	ND		4.3		ug/Kg		07/13/16 13:35	07/13/16 16:22	1
1,1,1-Trichloroethane	ND		4.3		ug/Kg		07/13/16 13:35	07/13/16 16:22	1
1,1,2-Trichloroethane	ND		4.3		ug/Kg		07/13/16 13:35	07/13/16 16:22	1
Trichloroethene	ND		4.3		ug/Kg		07/13/16 13:35	07/13/16 16:22	1
Trichlorofluoromethane	ND		4.3		ug/Kg		07/13/16 13:35	07/13/16 16:22	1
1,2,3-Trichloropropane	ND		4.3		ug/Kg		07/13/16 13:35	07/13/16 16:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.3		ug/Kg		07/13/16 13:35	07/13/16 16:22	1
1,2,4-Trimethylbenzene	ND		4.3		ug/Kg		07/13/16 13:35	07/13/16 16:22	1
1,3,5-Trimethylbenzene	ND		4.3		ug/Kg		07/13/16 13:35	07/13/16 16:22	1
Vinyl acetate	ND		17		ug/Kg		07/13/16 13:35	07/13/16 16:22	1
Vinyl chloride	ND		4.3		ug/Kg		07/13/16 13:35	07/13/16 16:22	1
Xylenes, Total	ND		8.6		ug/Kg		07/13/16 13:35	07/13/16 16:22	1
2,2-Dichloropropane	ND		4.3		ug/Kg		07/13/16 13:35	07/13/16 16:22	1
Gasoline Range Organics (GRO) -C5-C12	ND		220		ug/Kg		07/13/16 13:35	07/13/16 16:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	92		45 - 131	07/13/16 13:35	07/13/16 16:22	1
1,2-Dichloroethane-d4 (Surr)	103		60 - 140	07/13/16 13:35	07/13/16 16:22	1
Toluene-d8 (Surr)	95		58 - 140	07/13/16 13:35	07/13/16 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]	ND		1.0		mg/Kg		07/13/16 15:18	07/14/16 03:42	1
Motor Oil Range Organics [C24-C36]	ND		50		mg/Kg		07/13/16 15:18	07/14/16 03:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
p-Terphenyl	95		40 - 130	07/13/16 15:18	07/14/16 03:42	1

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		2.0		ug/Kg		07/13/16 12:00	07/14/16 02:43	1
Dieldrin	ND		2.0		ug/Kg		07/13/16 12:00	07/14/16 02:43	1
Endrin aldehyde	ND		2.0		ug/Kg		07/13/16 12:00	07/14/16 02:43	1
Endrin	ND		2.0		ug/Kg		07/13/16 12:00	07/14/16 02:43	1
Endrin ketone	ND		2.0		ug/Kg		07/13/16 12:00	07/14/16 02:43	1
Heptachlor	ND		2.0		ug/Kg		07/13/16 12:00	07/14/16 02:43	1
Heptachlor epoxide	ND		2.0		ug/Kg		07/13/16 12:00	07/14/16 02:43	1
4,4'-DDT	ND		2.0		ug/Kg		07/13/16 12:00	07/14/16 02:43	1
4,4'-DDE	ND		2.0		ug/Kg		07/13/16 12:00	07/14/16 02:43	1
4,4'-DDD	ND		2.0		ug/Kg		07/13/16 12:00	07/14/16 02:43	1
Endosulfan I	ND		2.0		ug/Kg		07/13/16 12:00	07/14/16 02:43	1
Endosulfan II	ND		2.0		ug/Kg		07/13/16 12:00	07/14/16 02:43	1
alpha-BHC	ND		2.0		ug/Kg		07/13/16 12:00	07/14/16 02:43	1
beta-BHC	ND		2.0		ug/Kg		07/13/16 12:00	07/14/16 02:43	1
gamma-BHC (Lindane)	ND		2.0		ug/Kg		07/13/16 12:00	07/14/16 02:43	1
delta-BHC	ND		2.0		ug/Kg		07/13/16 12:00	07/14/16 02:43	1

TestAmerica Pleasanton

Client Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73334-1

Client Sample ID: SB-7-1'

Lab Sample ID: 720-73334-5

Date Collected: 07/12/16 23:10

Matrix: Solid

Date Received: 07/13/16 11:04

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endosulfan sulfate	ND		2.0		ug/Kg		07/13/16 12:00	07/14/16 02:43	1
Methoxychlor	ND		2.0		ug/Kg		07/13/16 12:00	07/14/16 02:43	1
Toxaphene	ND		40		ug/Kg		07/13/16 12:00	07/14/16 02:43	1
Chlordane (technical)	ND		40		ug/Kg		07/13/16 12:00	07/14/16 02:43	1
alpha-Chlordane	ND		2.0		ug/Kg		07/13/16 12:00	07/14/16 02:43	1
gamma-Chlordane	ND		2.0		ug/Kg		07/13/16 12:00	07/14/16 02:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	87		57 - 122	07/13/16 12:00	07/14/16 02:43	1
DCB Decachlorobiphenyl	108		21 - 136	07/13/16 12:00	07/14/16 02:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		50		ug/Kg		07/13/16 14:28	07/14/16 11:33	1
PCB-1221	ND		50		ug/Kg		07/13/16 14:28	07/14/16 11:33	1
PCB-1232	ND		50		ug/Kg		07/13/16 14:28	07/14/16 11:33	1
PCB-1242	ND		50		ug/Kg		07/13/16 14:28	07/14/16 11:33	1
PCB-1248	ND		50		ug/Kg		07/13/16 14:28	07/14/16 11:33	1
PCB-1254	ND		50		ug/Kg		07/13/16 14:28	07/14/16 11:33	1
PCB-1260	ND		50		ug/Kg		07/13/16 14:28	07/14/16 11:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	81		45 - 132	07/13/16 14:28	07/14/16 11:33	1
DCB Decachlorobiphenyl	99		42 - 146	07/13/16 14:28	07/14/16 11:33	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.7		mg/Kg		07/13/16 19:39	07/14/16 16:18	4
Arsenic	ND		3.4		mg/Kg		07/13/16 19:39	07/14/16 16:18	4
Barium	52		1.7		mg/Kg		07/13/16 19:39	07/14/16 16:18	4
Beryllium	ND		0.34		mg/Kg		07/13/16 19:39	07/14/16 16:18	4
Cadmium	ND		0.42		mg/Kg		07/13/16 19:39	07/14/16 16:18	4
Chromium	37		1.7		mg/Kg		07/13/16 19:39	07/14/16 16:18	4
Cobalt	4.9		0.67		mg/Kg		07/13/16 19:39	07/14/16 16:18	4
Copper	7.7		5.0		mg/Kg		07/13/16 19:39	07/14/16 16:18	4
Lead	3.9		1.7		mg/Kg		07/13/16 19:39	07/14/16 16:18	4
Molybdenum	ND		1.7		mg/Kg		07/13/16 19:39	07/14/16 16:18	4
Nickel	15		1.7		mg/Kg		07/13/16 19:39	07/14/16 16:18	4
Selenium	ND		3.4		mg/Kg		07/13/16 19:39	07/14/16 16:18	4
Silver	ND		0.84		mg/Kg		07/13/16 19:39	07/14/16 16:18	4
Thallium	ND		1.7		mg/Kg		07/13/16 19:39	07/14/16 16:18	4
Vanadium	24		1.7		mg/Kg		07/13/16 19:39	07/14/16 16:18	4
Zinc	19		5.0		mg/Kg		07/13/16 19:39	07/14/16 16:18	4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.024		0.0095		mg/Kg		07/13/16 17:08	07/14/16 14:46	1

TestAmerica Pleasanton

Client Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73334-1

Client Sample ID: SB-7-6'

Date Collected: 07/12/16 23:20

Date Received: 07/13/16 11:04

Lab Sample ID: 720-73334-6

Matrix: Solid

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 16:51	1
Acetone	ND		37		ug/Kg		07/13/16 13:35	07/13/16 16:51	1
Benzene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 16:51	1
Dichlorobromomethane	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 16:51	1
Bromobenzene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 16:51	1
Chlorobromomethane	ND		15		ug/Kg		07/13/16 13:35	07/13/16 16:51	1
Bromoform	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 16:51	1
Bromomethane	ND		7.3		ug/Kg		07/13/16 13:35	07/13/16 16:51	1
2-Butanone (MEK)	ND		37		ug/Kg		07/13/16 13:35	07/13/16 16:51	1
n-Butylbenzene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 16:51	1
sec-Butylbenzene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 16:51	1
tert-Butylbenzene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 16:51	1
Carbon disulfide	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 16:51	1
Carbon tetrachloride	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 16:51	1
Chlorobenzene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 16:51	1
Chloroethane	ND		7.3		ug/Kg		07/13/16 13:35	07/13/16 16:51	1
Chloroform	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 16:51	1
Chloromethane	ND		7.3		ug/Kg		07/13/16 13:35	07/13/16 16:51	1
2-Chlorotoluene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 16:51	1
4-Chlorotoluene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 16:51	1
Chlorodibromomethane	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 16:51	1
1,2-Dichlorobenzene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 16:51	1
1,3-Dichlorobenzene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 16:51	1
1,4-Dichlorobenzene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 16:51	1
1,3-Dichloropropane	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 16:51	1
1,1-Dichloropropane	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 16:51	1
1,2-Dibromo-3-Chloropropane	ND		7.3		ug/Kg		07/13/16 13:35	07/13/16 16:51	1
Ethylene Dibromide	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 16:51	1
Dibromomethane	ND		7.3		ug/Kg		07/13/16 13:35	07/13/16 16:51	1
Dichlorodifluoromethane	ND		7.3		ug/Kg		07/13/16 13:35	07/13/16 16:51	1
1,1-Dichloroethane	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 16:51	1
1,2-Dichloroethane	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 16:51	1
1,1-Dichloroethene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 16:51	1
cis-1,2-Dichloroethene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 16:51	1
trans-1,2-Dichloroethene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 16:51	1
1,2-Dichloropropane	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 16:51	1
cis-1,3-Dichloropropene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 16:51	1
trans-1,3-Dichloropropene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 16:51	1
Ethylbenzene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 16:51	1
Hexachlorobutadiene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 16:51	1
2-Hexanone	ND		37		ug/Kg		07/13/16 13:35	07/13/16 16:51	1
Isopropylbenzene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 16:51	1
4-Isopropyltoluene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 16:51	1
Methylene Chloride	ND		7.3		ug/Kg		07/13/16 13:35	07/13/16 16:51	1
4-Methyl-2-pentanone (MIBK)	ND		37		ug/Kg		07/13/16 13:35	07/13/16 16:51	1
Naphthalene	ND		7.3		ug/Kg		07/13/16 13:35	07/13/16 16:51	1
N-Propylbenzene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 16:51	1
Styrene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 16:51	1
1,1,1,2-Tetrachloroethane	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 16:51	1

TestAmerica Pleasanton

Client Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73334-1

Client Sample ID: SB-7-6'

Lab Sample ID: 720-73334-6

Date Collected: 07/12/16 23:20

Matrix: Solid

Date Received: 07/13/16 11:04

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 16:51	1
Tetrachloroethene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 16:51	1
Toluene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 16:51	1
1,2,3-Trichlorobenzene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 16:51	1
1,2,4-Trichlorobenzene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 16:51	1
1,1,1-Trichloroethane	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 16:51	1
1,1,2-Trichloroethane	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 16:51	1
Trichloroethene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 16:51	1
Trichlorofluoromethane	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 16:51	1
1,2,3-Trichloropropane	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 16:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 16:51	1
1,2,4-Trimethylbenzene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 16:51	1
1,3,5-Trimethylbenzene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 16:51	1
Vinyl acetate	ND		15		ug/Kg		07/13/16 13:35	07/13/16 16:51	1
Vinyl chloride	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 16:51	1
Xylenes, Total	ND		7.3		ug/Kg		07/13/16 13:35	07/13/16 16:51	1
2,2-Dichloropropane	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 16:51	1
Gasoline Range Organics (GRO) -C5-C12	ND		180		ug/Kg		07/13/16 13:35	07/13/16 16:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	90		45 - 131	07/13/16 13:35	07/13/16 16:51	1
1,2-Dichloroethane-d4 (Surr)	101		60 - 140	07/13/16 13:35	07/13/16 16:51	1
Toluene-d8 (Surr)	95		58 - 140	07/13/16 13:35	07/13/16 16:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		0.066		mg/Kg		07/13/16 13:56	07/13/16 22:27	1
Acenaphthylene	ND		0.066		mg/Kg		07/13/16 13:56	07/13/16 22:27	1
Acenaphthene	ND		0.066		mg/Kg		07/13/16 13:56	07/13/16 22:27	1
Fluorene	ND		0.066		mg/Kg		07/13/16 13:56	07/13/16 22:27	1
Phenanthrene	ND		0.066		mg/Kg		07/13/16 13:56	07/13/16 22:27	1
Anthracene	ND		0.066		mg/Kg		07/13/16 13:56	07/13/16 22:27	1
Fluoranthene	ND		0.066		mg/Kg		07/13/16 13:56	07/13/16 22:27	1
Pyrene	ND		0.066		mg/Kg		07/13/16 13:56	07/13/16 22:27	1
Benzo[a]anthracene	ND		0.33		mg/Kg		07/13/16 13:56	07/13/16 22:27	1
Chrysene	ND		0.066		mg/Kg		07/13/16 13:56	07/13/16 22:27	1
Benzo[b]fluoranthene	ND		0.066		mg/Kg		07/13/16 13:56	07/13/16 22:27	1
Benzo[k]fluoranthene	ND		0.066		mg/Kg		07/13/16 13:56	07/13/16 22:27	1
Benzo[a]pyrene	ND		0.066		mg/Kg		07/13/16 13:56	07/13/16 22:27	1
Indeno[1,2,3-cd]pyrene	ND		0.066		mg/Kg		07/13/16 13:56	07/13/16 22:27	1
Benzo[g,h,i]perylene	ND		0.066		mg/Kg		07/13/16 13:56	07/13/16 22:27	1
Dibenz(a,h)anthracene	ND		0.066		mg/Kg		07/13/16 13:56	07/13/16 22:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	79		21 - 98	07/13/16 13:56	07/13/16 22:27	1
2-Fluorobiphenyl	79		30 - 112	07/13/16 13:56	07/13/16 22:27	1
Terphenyl-d14	78		59 - 134	07/13/16 13:56	07/13/16 22:27	1

TestAmerica Pleasanton

Client Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73334-1

Client Sample ID: SB-7-6'

Lab Sample ID: 720-73334-6

Date Collected: 07/12/16 23:20

Matrix: Solid

Date Received: 07/13/16 11:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	1.3		0.99		mg/Kg		07/13/16 15:18	07/14/16 04:11	1
Motor Oil Range Organics [C24-C36]	ND		49		mg/Kg		07/13/16 15:18	07/14/16 04:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>p</i> -Terphenyl	91		40 - 130				07/13/16 15:18	07/14/16 04:11	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.0		mg/Kg		07/13/16 12:06	07/14/16 12:03	4
Arsenic	3.9		2.1		mg/Kg		07/13/16 12:06	07/14/16 12:03	4
Barium	87		1.0		mg/Kg		07/13/16 12:06	07/14/16 12:03	4
Beryllium	0.32		0.21		mg/Kg		07/13/16 12:06	07/14/16 12:03	4
Cadmium	ND		0.26		mg/Kg		07/13/16 12:06	07/14/16 12:03	4
Chromium	61		1.0		mg/Kg		07/13/16 12:06	07/14/16 12:03	4
Cobalt	25		0.41		mg/Kg		07/13/16 12:06	07/14/16 12:03	4
Copper	13		3.1		mg/Kg		07/13/16 12:06	07/14/16 12:03	4
Lead	4.6		1.0		mg/Kg		07/13/16 12:06	07/14/16 12:03	4
Molybdenum	ND		1.0		mg/Kg		07/13/16 12:06	07/14/16 12:03	4
Nickel	50		1.0		mg/Kg		07/13/16 12:06	07/14/16 12:03	4
Selenium	ND		2.1		mg/Kg		07/13/16 12:06	07/14/16 12:03	4
Silver	ND		0.52		mg/Kg		07/13/16 12:06	07/14/16 12:03	4
Thallium	ND		1.0		mg/Kg		07/13/16 12:06	07/14/16 12:03	4
Vanadium	41		1.0		mg/Kg		07/13/16 12:06	07/14/16 12:03	4
Zinc	29		3.1		mg/Kg		07/13/16 12:06	07/14/16 12:03	4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.034		0.0098		mg/Kg		07/13/16 12:32	07/14/16 16:03	1

Client Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73334-1

Client Sample ID: SB-7-12'

Date Collected: 07/12/16 23:30

Date Received: 07/13/16 11:04

Lab Sample ID: 720-73334-7

Matrix: Solid

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		4.2		ug/Kg		07/13/16 13:35	07/13/16 17:20	1
Acetone	ND		42		ug/Kg		07/13/16 13:35	07/13/16 17:20	1
Benzene	ND		4.2		ug/Kg		07/13/16 13:35	07/13/16 17:20	1
Dichlorobromomethane	ND		4.2		ug/Kg		07/13/16 13:35	07/13/16 17:20	1
Bromobenzene	ND		4.2		ug/Kg		07/13/16 13:35	07/13/16 17:20	1
Chlorobromomethane	ND		17		ug/Kg		07/13/16 13:35	07/13/16 17:20	1
Bromoform	ND		4.2		ug/Kg		07/13/16 13:35	07/13/16 17:20	1
Bromomethane	ND		8.4		ug/Kg		07/13/16 13:35	07/13/16 17:20	1
2-Butanone (MEK)	ND		42		ug/Kg		07/13/16 13:35	07/13/16 17:20	1
n-Butylbenzene	ND		4.2		ug/Kg		07/13/16 13:35	07/13/16 17:20	1
sec-Butylbenzene	ND		4.2		ug/Kg		07/13/16 13:35	07/13/16 17:20	1
tert-Butylbenzene	ND		4.2		ug/Kg		07/13/16 13:35	07/13/16 17:20	1
Carbon disulfide	ND		4.2		ug/Kg		07/13/16 13:35	07/13/16 17:20	1
Carbon tetrachloride	ND		4.2		ug/Kg		07/13/16 13:35	07/13/16 17:20	1
Chlorobenzene	ND		4.2		ug/Kg		07/13/16 13:35	07/13/16 17:20	1
Chloroethane	ND		8.4		ug/Kg		07/13/16 13:35	07/13/16 17:20	1
Chloroform	ND		4.2		ug/Kg		07/13/16 13:35	07/13/16 17:20	1
Chloromethane	ND		8.4		ug/Kg		07/13/16 13:35	07/13/16 17:20	1
2-Chlorotoluene	ND		4.2		ug/Kg		07/13/16 13:35	07/13/16 17:20	1
4-Chlorotoluene	ND		4.2		ug/Kg		07/13/16 13:35	07/13/16 17:20	1
Chlorodibromomethane	ND		4.2		ug/Kg		07/13/16 13:35	07/13/16 17:20	1
1,2-Dichlorobenzene	ND		4.2		ug/Kg		07/13/16 13:35	07/13/16 17:20	1
1,3-Dichlorobenzene	ND		4.2		ug/Kg		07/13/16 13:35	07/13/16 17:20	1
1,4-Dichlorobenzene	ND		4.2		ug/Kg		07/13/16 13:35	07/13/16 17:20	1
1,3-Dichloropropane	ND		4.2		ug/Kg		07/13/16 13:35	07/13/16 17:20	1
1,1-Dichloropropane	ND		4.2		ug/Kg		07/13/16 13:35	07/13/16 17:20	1
1,2-Dibromo-3-Chloropropane	ND		8.4		ug/Kg		07/13/16 13:35	07/13/16 17:20	1
Ethylene Dibromide	ND		4.2		ug/Kg		07/13/16 13:35	07/13/16 17:20	1
Dibromomethane	ND		8.4		ug/Kg		07/13/16 13:35	07/13/16 17:20	1
Dichlorodifluoromethane	ND		8.4		ug/Kg		07/13/16 13:35	07/13/16 17:20	1
1,1-Dichloroethane	ND		4.2		ug/Kg		07/13/16 13:35	07/13/16 17:20	1
1,2-Dichloroethane	ND		4.2		ug/Kg		07/13/16 13:35	07/13/16 17:20	1
1,1-Dichloroethene	ND		4.2		ug/Kg		07/13/16 13:35	07/13/16 17:20	1
cis-1,2-Dichloroethene	ND		4.2		ug/Kg		07/13/16 13:35	07/13/16 17:20	1
trans-1,2-Dichloroethene	ND		4.2		ug/Kg		07/13/16 13:35	07/13/16 17:20	1
1,2-Dichloropropane	ND		4.2		ug/Kg		07/13/16 13:35	07/13/16 17:20	1
cis-1,3-Dichloropropene	ND		4.2		ug/Kg		07/13/16 13:35	07/13/16 17:20	1
trans-1,3-Dichloropropene	ND		4.2		ug/Kg		07/13/16 13:35	07/13/16 17:20	1
Ethylbenzene	ND		4.2		ug/Kg		07/13/16 13:35	07/13/16 17:20	1
Hexachlorobutadiene	ND		4.2		ug/Kg		07/13/16 13:35	07/13/16 17:20	1
2-Hexanone	ND		42		ug/Kg		07/13/16 13:35	07/13/16 17:20	1
Isopropylbenzene	ND		4.2		ug/Kg		07/13/16 13:35	07/13/16 17:20	1
4-Isopropyltoluene	ND		4.2		ug/Kg		07/13/16 13:35	07/13/16 17:20	1
Methylene Chloride	ND		8.4		ug/Kg		07/13/16 13:35	07/13/16 17:20	1
4-Methyl-2-pentanone (MIBK)	ND		42		ug/Kg		07/13/16 13:35	07/13/16 17:20	1
Naphthalene	ND		8.4		ug/Kg		07/13/16 13:35	07/13/16 17:20	1
N-Propylbenzene	ND		4.2		ug/Kg		07/13/16 13:35	07/13/16 17:20	1
Styrene	ND		4.2		ug/Kg		07/13/16 13:35	07/13/16 17:20	1
1,1,1,2-Tetrachloroethane	ND		4.2		ug/Kg		07/13/16 13:35	07/13/16 17:20	1

TestAmerica Pleasanton

Client Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73334-1

Client Sample ID: SB-7-12'

Lab Sample ID: 720-73334-7

Date Collected: 07/12/16 23:30

Matrix: Solid

Date Received: 07/13/16 11:04

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		4.2		ug/Kg		07/13/16 13:35	07/13/16 17:20	1
Tetrachloroethene	ND		4.2		ug/Kg		07/13/16 13:35	07/13/16 17:20	1
Toluene	ND		4.2		ug/Kg		07/13/16 13:35	07/13/16 17:20	1
1,2,3-Trichlorobenzene	ND		4.2		ug/Kg		07/13/16 13:35	07/13/16 17:20	1
1,2,4-Trichlorobenzene	ND		4.2		ug/Kg		07/13/16 13:35	07/13/16 17:20	1
1,1,1-Trichloroethane	ND		4.2		ug/Kg		07/13/16 13:35	07/13/16 17:20	1
1,1,2-Trichloroethane	ND		4.2		ug/Kg		07/13/16 13:35	07/13/16 17:20	1
Trichloroethene	ND		4.2		ug/Kg		07/13/16 13:35	07/13/16 17:20	1
Trichlorofluoromethane	ND		4.2		ug/Kg		07/13/16 13:35	07/13/16 17:20	1
1,2,3-Trichloropropane	ND		4.2		ug/Kg		07/13/16 13:35	07/13/16 17:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.2		ug/Kg		07/13/16 13:35	07/13/16 17:20	1
1,2,4-Trimethylbenzene	ND		4.2		ug/Kg		07/13/16 13:35	07/13/16 17:20	1
1,3,5-Trimethylbenzene	ND		4.2		ug/Kg		07/13/16 13:35	07/13/16 17:20	1
Vinyl acetate	ND		17		ug/Kg		07/13/16 13:35	07/13/16 17:20	1
Vinyl chloride	ND		4.2		ug/Kg		07/13/16 13:35	07/13/16 17:20	1
Xylenes, Total	ND		8.4		ug/Kg		07/13/16 13:35	07/13/16 17:20	1
2,2-Dichloropropane	ND		4.2		ug/Kg		07/13/16 13:35	07/13/16 17:20	1
Gasoline Range Organics (GRO) -C5-C12	ND		210		ug/Kg		07/13/16 13:35	07/13/16 17:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	91		45 - 131	07/13/16 13:35	07/13/16 17:20	1
1,2-Dichloroethane-d4 (Surr)	100		60 - 140	07/13/16 13:35	07/13/16 17:20	1
Toluene-d8 (Surr)	95		58 - 140	07/13/16 13:35	07/13/16 17:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		1.0		mg/Kg		07/13/16 15:18	07/14/16 04:40	1
Motor Oil Range Organics [C24-C36]	ND		50		mg/Kg		07/13/16 15:18	07/14/16 04:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
p-Terphenyl	99		40 - 130	07/13/16 15:18	07/14/16 04:40	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.7		mg/Kg		07/13/16 12:06	07/14/16 12:08	4
Arsenic	ND		3.4		mg/Kg		07/13/16 12:06	07/14/16 12:08	4
Barium	48		1.7		mg/Kg		07/13/16 12:06	07/14/16 12:08	4
Beryllium	ND		0.34		mg/Kg		07/13/16 12:06	07/14/16 12:08	4
Cadmium	ND		0.43		mg/Kg		07/13/16 12:06	07/14/16 12:08	4
Chromium	48		1.7		mg/Kg		07/13/16 12:06	07/14/16 12:08	4
Cobalt	6.2		0.68		mg/Kg		07/13/16 12:06	07/14/16 12:08	4
Copper	5.3		5.1		mg/Kg		07/13/16 12:06	07/14/16 12:08	4
Lead	ND		1.7		mg/Kg		07/13/16 12:06	07/14/16 12:08	4
Molybdenum	ND		1.7		mg/Kg		07/13/16 12:06	07/14/16 12:08	4
Nickel	42		1.7		mg/Kg		07/13/16 12:06	07/14/16 12:08	4
Selenium	ND		3.4		mg/Kg		07/13/16 12:06	07/14/16 12:08	4
Silver	ND		0.85		mg/Kg		07/13/16 12:06	07/14/16 12:08	4
Thallium	ND		1.7		mg/Kg		07/13/16 12:06	07/14/16 12:08	4
Vanadium	32		1.7		mg/Kg		07/13/16 12:06	07/14/16 12:08	4
Zinc	21		5.1		mg/Kg		07/13/16 12:06	07/14/16 12:08	4

TestAmerica Pleasanton

Client Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73334-1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.072		0.0097		mg/Kg		07/13/16 12:32	07/14/16 16:07	1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Client Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73334-1

Client Sample ID: SB-7

Lab Sample ID: 720-73334-8

Date Collected: 07/12/16 23:55

Matrix: Water

Date Received: 07/13/16 11:04

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			07/14/16 03:42	1
Acetone	ND		50		ug/L			07/14/16 03:42	1
Benzene	ND		0.50		ug/L			07/14/16 03:42	1
Dichlorobromomethane	ND		0.50		ug/L			07/14/16 03:42	1
Bromobenzene	ND		1.0		ug/L			07/14/16 03:42	1
Chlorobromomethane	ND		1.0		ug/L			07/14/16 03:42	1
Bromoform	ND		1.0		ug/L			07/14/16 03:42	1
Bromomethane	ND		1.0		ug/L			07/14/16 03:42	1
2-Butanone (MEK)	ND		50		ug/L			07/14/16 03:42	1
n-Butylbenzene	3.2		1.0		ug/L			07/14/16 03:42	1
sec-Butylbenzene	2.3		1.0		ug/L			07/14/16 03:42	1
tert-Butylbenzene	2.7		1.0		ug/L			07/14/16 03:42	1
Carbon disulfide	ND		5.0		ug/L			07/14/16 03:42	1
Carbon tetrachloride	ND		0.50		ug/L			07/14/16 03:42	1
Chlorobenzene	ND		0.50		ug/L			07/14/16 03:42	1
Chloroethane	ND		1.0		ug/L			07/14/16 03:42	1
Chloroform	ND		1.0		ug/L			07/14/16 03:42	1
Chloromethane	ND		1.0		ug/L			07/14/16 03:42	1
2-Chlorotoluene	ND		0.50		ug/L			07/14/16 03:42	1
4-Chlorotoluene	ND		0.50		ug/L			07/14/16 03:42	1
Chlorodibromomethane	ND		0.50		ug/L			07/14/16 03:42	1
1,2-Dichlorobenzene	ND		0.50		ug/L			07/14/16 03:42	1
1,3-Dichlorobenzene	ND		0.50		ug/L			07/14/16 03:42	1
1,4-Dichlorobenzene	ND		0.50		ug/L			07/14/16 03:42	1
1,3-Dichloropropane	ND		1.0		ug/L			07/14/16 03:42	1
1,1-Dichloropropane	ND		0.50		ug/L			07/14/16 03:42	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			07/14/16 03:42	1
Ethylene Dibromide	ND		0.50		ug/L			07/14/16 03:42	1
Dibromomethane	ND		0.50		ug/L			07/14/16 03:42	1
Dichlorodifluoromethane	ND		0.50		ug/L			07/14/16 03:42	1
1,1-Dichloroethane	ND		0.50		ug/L			07/14/16 03:42	1
1,2-Dichloroethane	ND		0.50		ug/L			07/14/16 03:42	1
1,1-Dichloroethene	ND		0.50		ug/L			07/14/16 03:42	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			07/14/16 03:42	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			07/14/16 03:42	1
1,2-Dichloropropane	ND		0.50		ug/L			07/14/16 03:42	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			07/14/16 03:42	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			07/14/16 03:42	1
Ethylbenzene	7.8		0.50		ug/L			07/14/16 03:42	1
Hexachlorobutadiene	ND		1.0		ug/L			07/14/16 03:42	1
2-Hexanone	ND		50		ug/L			07/14/16 03:42	1
Isopropylbenzene	26		0.50		ug/L			07/14/16 03:42	1
4-Isopropyltoluene	ND		1.0		ug/L			07/14/16 03:42	1
Methylene Chloride	ND		5.0		ug/L			07/14/16 03:42	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/14/16 03:42	1
Naphthalene	3.3		1.0		ug/L			07/14/16 03:42	1
N-Propylbenzene	31		1.0		ug/L			07/14/16 03:42	1
Styrene	ND		0.50		ug/L			07/14/16 03:42	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			07/14/16 03:42	1

TestAmerica Pleasanton

Client Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73334-1

Client Sample ID: SB-7

Lab Sample ID: 720-73334-8

Date Collected: 07/12/16 23:55

Matrix: Water

Date Received: 07/13/16 11:04

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			07/14/16 03:42	1
Tetrachloroethene	0.81		0.50		ug/L			07/14/16 03:42	1
Toluene	0.61		0.50		ug/L			07/14/16 03:42	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			07/14/16 03:42	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			07/14/16 03:42	1
1,1,1-Trichloroethane	ND		0.50		ug/L			07/14/16 03:42	1
1,1,2-Trichloroethane	ND		0.50		ug/L			07/14/16 03:42	1
Trichloroethene	1.9		0.50		ug/L			07/14/16 03:42	1
Trichlorofluoromethane	ND		1.0		ug/L			07/14/16 03:42	1
1,2,3-Trichloropropane	ND		0.50		ug/L			07/14/16 03:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			07/14/16 03:42	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			07/14/16 03:42	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			07/14/16 03:42	1
Vinyl acetate	ND		10		ug/L			07/14/16 03:42	1
Vinyl chloride	ND		0.50		ug/L			07/14/16 03:42	1
Xylenes, Total	12		1.0		ug/L			07/14/16 03:42	1
2,2-Dichloropropane	ND *		0.50		ug/L			07/14/16 03:42	1
Gasoline Range Organics (GRO)	830		50		ug/L			07/14/16 03:42	1
-C5-C12									

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	107		67 - 130		07/14/16 03:42	1
1,2-Dichloroethane-d4 (Surr)	113		72 - 130		07/14/16 03:42	1
Toluene-d8 (Surr)	102		70 - 130		07/14/16 03:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	200		51		ug/L		07/13/16 12:56	07/13/16 23:08	1
Motor Oil Range Organics [C24-C36]	ND		100		ug/L		07/13/16 12:56	07/13/16 23:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
p-Terphenyl	77		23 - 156	07/13/16 12:56	07/13/16 23:08	1

Method: 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.010		mg/L		07/13/16 16:53	07/14/16 12:29	1
Arsenic	0.014		0.010		mg/L		07/13/16 16:53	07/14/16 12:29	1
Barium	0.054		0.050		mg/L		07/13/16 16:53	07/14/16 12:29	1
Beryllium	ND		0.0020		mg/L		07/13/16 16:53	07/14/16 12:29	1
Cadmium	ND		0.0020		mg/L		07/13/16 16:53	07/14/16 12:29	1
Chromium	ND		0.010		mg/L		07/13/16 16:53	07/14/16 12:29	1
Cobalt	0.0027		0.0020		mg/L		07/13/16 16:53	07/14/16 12:29	1
Copper	ND		0.020		mg/L		07/13/16 16:53	07/14/16 12:29	1
Lead	0.0062		0.0050		mg/L		07/13/16 16:53	07/14/16 12:29	1
Molybdenum	ND		0.010		mg/L		07/13/16 16:53	07/14/16 12:29	1
Nickel	0.016		0.010		mg/L		07/13/16 16:53	07/14/16 12:29	1
Selenium	ND		0.020		mg/L		07/13/16 16:53	07/14/16 12:29	1
Silver	ND		0.0050		mg/L		07/13/16 16:53	07/14/16 12:29	1
Thallium	ND		0.010		mg/L		07/13/16 16:53	07/14/16 12:29	1
Vanadium	ND		0.010		mg/L		07/13/16 16:53	07/14/16 12:29	1
Zinc	ND		0.020		mg/L		07/13/16 16:53	07/14/16 12:29	1

TestAmerica Pleasanton

Client Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73334-1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		07/13/16 18:08	07/14/16 11:24	1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Client Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73334-1

Client Sample ID: SB-3-2'

Date Collected: 07/12/16 22:00

Date Received: 07/13/16 11:04

Lab Sample ID: 720-73334-9

Matrix: Solid

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		4.0		ug/Kg		07/13/16 13:35	07/13/16 17:49	1
Acetone	ND		40		ug/Kg		07/13/16 13:35	07/13/16 17:49	1
Benzene	ND		4.0		ug/Kg		07/13/16 13:35	07/13/16 17:49	1
Dichlorobromomethane	ND		4.0		ug/Kg		07/13/16 13:35	07/13/16 17:49	1
Bromobenzene	ND		4.0		ug/Kg		07/13/16 13:35	07/13/16 17:49	1
Chlorobromomethane	ND		16		ug/Kg		07/13/16 13:35	07/13/16 17:49	1
Bromoform	ND		4.0		ug/Kg		07/13/16 13:35	07/13/16 17:49	1
Bromomethane	ND		8.0		ug/Kg		07/13/16 13:35	07/13/16 17:49	1
2-Butanone (MEK)	ND		40		ug/Kg		07/13/16 13:35	07/13/16 17:49	1
n-Butylbenzene	ND		4.0		ug/Kg		07/13/16 13:35	07/13/16 17:49	1
sec-Butylbenzene	ND		4.0		ug/Kg		07/13/16 13:35	07/13/16 17:49	1
tert-Butylbenzene	ND		4.0		ug/Kg		07/13/16 13:35	07/13/16 17:49	1
Carbon disulfide	ND		4.0		ug/Kg		07/13/16 13:35	07/13/16 17:49	1
Carbon tetrachloride	ND		4.0		ug/Kg		07/13/16 13:35	07/13/16 17:49	1
Chlorobenzene	ND		4.0		ug/Kg		07/13/16 13:35	07/13/16 17:49	1
Chloroethane	ND		8.0		ug/Kg		07/13/16 13:35	07/13/16 17:49	1
Chloroform	ND		4.0		ug/Kg		07/13/16 13:35	07/13/16 17:49	1
Chloromethane	ND		8.0		ug/Kg		07/13/16 13:35	07/13/16 17:49	1
2-Chlorotoluene	ND		4.0		ug/Kg		07/13/16 13:35	07/13/16 17:49	1
4-Chlorotoluene	ND		4.0		ug/Kg		07/13/16 13:35	07/13/16 17:49	1
Chlorodibromomethane	ND		4.0		ug/Kg		07/13/16 13:35	07/13/16 17:49	1
1,2-Dichlorobenzene	ND		4.0		ug/Kg		07/13/16 13:35	07/13/16 17:49	1
1,3-Dichlorobenzene	ND		4.0		ug/Kg		07/13/16 13:35	07/13/16 17:49	1
1,4-Dichlorobenzene	ND		4.0		ug/Kg		07/13/16 13:35	07/13/16 17:49	1
1,3-Dichloropropane	ND		4.0		ug/Kg		07/13/16 13:35	07/13/16 17:49	1
1,1-Dichloropropane	ND		4.0		ug/Kg		07/13/16 13:35	07/13/16 17:49	1
1,2-Dibromo-3-Chloropropane	ND		8.0		ug/Kg		07/13/16 13:35	07/13/16 17:49	1
Ethylene Dibromide	ND		4.0		ug/Kg		07/13/16 13:35	07/13/16 17:49	1
Dibromomethane	ND		8.0		ug/Kg		07/13/16 13:35	07/13/16 17:49	1
Dichlorodifluoromethane	ND		8.0		ug/Kg		07/13/16 13:35	07/13/16 17:49	1
1,1-Dichloroethane	ND		4.0		ug/Kg		07/13/16 13:35	07/13/16 17:49	1
1,2-Dichloroethane	ND		4.0		ug/Kg		07/13/16 13:35	07/13/16 17:49	1
1,1-Dichloroethene	ND		4.0		ug/Kg		07/13/16 13:35	07/13/16 17:49	1
cis-1,2-Dichloroethene	ND		4.0		ug/Kg		07/13/16 13:35	07/13/16 17:49	1
trans-1,2-Dichloroethene	ND		4.0		ug/Kg		07/13/16 13:35	07/13/16 17:49	1
1,2-Dichloropropane	ND		4.0		ug/Kg		07/13/16 13:35	07/13/16 17:49	1
cis-1,3-Dichloropropene	ND		4.0		ug/Kg		07/13/16 13:35	07/13/16 17:49	1
trans-1,3-Dichloropropene	ND		4.0		ug/Kg		07/13/16 13:35	07/13/16 17:49	1
Ethylbenzene	ND		4.0		ug/Kg		07/13/16 13:35	07/13/16 17:49	1
Hexachlorobutadiene	ND		4.0		ug/Kg		07/13/16 13:35	07/13/16 17:49	1
2-Hexanone	ND		40		ug/Kg		07/13/16 13:35	07/13/16 17:49	1
Isopropylbenzene	ND		4.0		ug/Kg		07/13/16 13:35	07/13/16 17:49	1
4-Isopropyltoluene	ND		4.0		ug/Kg		07/13/16 13:35	07/13/16 17:49	1
Methylene Chloride	ND		8.0		ug/Kg		07/13/16 13:35	07/13/16 17:49	1
4-Methyl-2-pentanone (MIBK)	ND		40		ug/Kg		07/13/16 13:35	07/13/16 17:49	1
Naphthalene	ND		8.0		ug/Kg		07/13/16 13:35	07/13/16 17:49	1
N-Propylbenzene	ND		4.0		ug/Kg		07/13/16 13:35	07/13/16 17:49	1
Styrene	ND		4.0		ug/Kg		07/13/16 13:35	07/13/16 17:49	1
1,1,1,2-Tetrachloroethane	ND		4.0		ug/Kg		07/13/16 13:35	07/13/16 17:49	1

TestAmerica Pleasanton

Client Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73334-1

Client Sample ID: SB-3-2'

Lab Sample ID: 720-73334-9

Date Collected: 07/12/16 22:00

Matrix: Solid

Date Received: 07/13/16 11:04

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		4.0		ug/Kg		07/13/16 13:35	07/13/16 17:49	1
Tetrachloroethene	ND		4.0		ug/Kg		07/13/16 13:35	07/13/16 17:49	1
Toluene	ND		4.0		ug/Kg		07/13/16 13:35	07/13/16 17:49	1
1,2,3-Trichlorobenzene	ND		4.0		ug/Kg		07/13/16 13:35	07/13/16 17:49	1
1,2,4-Trichlorobenzene	ND		4.0		ug/Kg		07/13/16 13:35	07/13/16 17:49	1
1,1,1-Trichloroethane	ND		4.0		ug/Kg		07/13/16 13:35	07/13/16 17:49	1
1,1,2-Trichloroethane	ND		4.0		ug/Kg		07/13/16 13:35	07/13/16 17:49	1
Trichloroethene	ND		4.0		ug/Kg		07/13/16 13:35	07/13/16 17:49	1
Trichlorofluoromethane	ND		4.0		ug/Kg		07/13/16 13:35	07/13/16 17:49	1
1,2,3-Trichloropropane	ND		4.0		ug/Kg		07/13/16 13:35	07/13/16 17:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.0		ug/Kg		07/13/16 13:35	07/13/16 17:49	1
1,2,4-Trimethylbenzene	ND		4.0		ug/Kg		07/13/16 13:35	07/13/16 17:49	1
1,3,5-Trimethylbenzene	ND		4.0		ug/Kg		07/13/16 13:35	07/13/16 17:49	1
Vinyl acetate	ND		16		ug/Kg		07/13/16 13:35	07/13/16 17:49	1
Vinyl chloride	ND		4.0		ug/Kg		07/13/16 13:35	07/13/16 17:49	1
Xylenes, Total	ND		8.0		ug/Kg		07/13/16 13:35	07/13/16 17:49	1
2,2-Dichloropropane	ND		4.0		ug/Kg		07/13/16 13:35	07/13/16 17:49	1
Gasoline Range Organics (GRO) -C5-C12	ND		200		ug/Kg		07/13/16 13:35	07/13/16 17:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	88		45 - 131	07/13/16 13:35	07/13/16 17:49	1
1,2-Dichloroethane-d4 (Surr)	102		60 - 140	07/13/16 13:35	07/13/16 17:49	1
Toluene-d8 (Surr)	95		58 - 140	07/13/16 13:35	07/13/16 17:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		0.066		mg/Kg		07/13/16 13:56	07/13/16 22:53	1
Acenaphthylene	ND		0.066		mg/Kg		07/13/16 13:56	07/13/16 22:53	1
Acenaphthene	ND		0.066		mg/Kg		07/13/16 13:56	07/13/16 22:53	1
Fluorene	ND		0.066		mg/Kg		07/13/16 13:56	07/13/16 22:53	1
Phenanthrene	ND		0.066		mg/Kg		07/13/16 13:56	07/13/16 22:53	1
Anthracene	ND		0.066		mg/Kg		07/13/16 13:56	07/13/16 22:53	1
Fluoranthene	ND		0.066		mg/Kg		07/13/16 13:56	07/13/16 22:53	1
Pyrene	ND		0.066		mg/Kg		07/13/16 13:56	07/13/16 22:53	1
Benzo[a]anthracene	ND		0.33		mg/Kg		07/13/16 13:56	07/13/16 22:53	1
Chrysene	ND		0.066		mg/Kg		07/13/16 13:56	07/13/16 22:53	1
Benzo[b]fluoranthene	ND		0.066		mg/Kg		07/13/16 13:56	07/13/16 22:53	1
Benzo[k]fluoranthene	ND		0.066		mg/Kg		07/13/16 13:56	07/13/16 22:53	1
Benzo[a]pyrene	ND		0.066		mg/Kg		07/13/16 13:56	07/13/16 22:53	1
Indeno[1,2,3-cd]pyrene	ND		0.066		mg/Kg		07/13/16 13:56	07/13/16 22:53	1
Benzo[g,h,i]perylene	ND		0.066		mg/Kg		07/13/16 13:56	07/13/16 22:53	1
Dibenz(a,h)anthracene	ND		0.066		mg/Kg		07/13/16 13:56	07/13/16 22:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	81		21 - 98	07/13/16 13:56	07/13/16 22:53	1
2-Fluorobiphenyl	82		30 - 112	07/13/16 13:56	07/13/16 22:53	1
Terphenyl-d14	82		59 - 134	07/13/16 13:56	07/13/16 22:53	1

TestAmerica Pleasanton

Client Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73334-1

Client Sample ID: SB-3-2'

Lab Sample ID: 720-73334-9

Date Collected: 07/12/16 22:00

Matrix: Solid

Date Received: 07/13/16 11:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		1.0		mg/Kg		07/13/16 15:18	07/14/16 02:14	1
Motor Oil Range Organics [C24-C36]	ND		50		mg/Kg		07/13/16 15:18	07/14/16 02:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>p-Terphenyl</i>	99		40 - 130				07/13/16 15:18	07/14/16 02:14	1

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		2.0		ug/Kg		07/13/16 12:00	07/14/16 03:00	1
Dieldrin	ND		2.0		ug/Kg		07/13/16 12:00	07/14/16 03:00	1
Endrin aldehyde	ND		2.0		ug/Kg		07/13/16 12:00	07/14/16 03:00	1
Endrin	ND		2.0		ug/Kg		07/13/16 12:00	07/14/16 03:00	1
Endrin ketone	ND		2.0		ug/Kg		07/13/16 12:00	07/14/16 03:00	1
Heptachlor	ND		2.0		ug/Kg		07/13/16 12:00	07/14/16 03:00	1
Heptachlor epoxide	ND		2.0		ug/Kg		07/13/16 12:00	07/14/16 03:00	1
4,4'-DDT	ND		2.0		ug/Kg		07/13/16 12:00	07/14/16 03:00	1
4,4'-DDE	ND		2.0		ug/Kg		07/13/16 12:00	07/14/16 03:00	1
4,4'-DDD	ND		2.0		ug/Kg		07/13/16 12:00	07/14/16 03:00	1
Endosulfan I	ND		2.0		ug/Kg		07/13/16 12:00	07/14/16 03:00	1
Endosulfan II	ND		2.0		ug/Kg		07/13/16 12:00	07/14/16 03:00	1
alpha-BHC	ND		2.0		ug/Kg		07/13/16 12:00	07/14/16 03:00	1
beta-BHC	ND		2.0		ug/Kg		07/13/16 12:00	07/14/16 03:00	1
gamma-BHC (Lindane)	ND		2.0		ug/Kg		07/13/16 12:00	07/14/16 03:00	1
delta-BHC	ND		2.0		ug/Kg		07/13/16 12:00	07/14/16 03:00	1
Endosulfan sulfate	ND		2.0		ug/Kg		07/13/16 12:00	07/14/16 03:00	1
Methoxychlor	ND		2.0		ug/Kg		07/13/16 12:00	07/14/16 03:00	1
Toxaphene	ND		40		ug/Kg		07/13/16 12:00	07/14/16 03:00	1
Chlordane (technical)	ND		40		ug/Kg		07/13/16 12:00	07/14/16 03:00	1
alpha-Chlordane	ND		2.0		ug/Kg		07/13/16 12:00	07/14/16 03:00	1
gamma-Chlordane	ND		2.0		ug/Kg		07/13/16 12:00	07/14/16 03:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>Tetrachloro-m-xylene</i>	91		57 - 122				07/13/16 12:00	07/14/16 03:00	1
<i>DCB Decachlorobiphenyl</i>	106		21 - 136				07/13/16 12:00	07/14/16 03:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		50		ug/Kg		07/13/16 14:28	07/13/16 20:54	1
PCB-1221	ND		50		ug/Kg		07/13/16 14:28	07/13/16 20:54	1
PCB-1232	ND		50		ug/Kg		07/13/16 14:28	07/13/16 20:54	1
PCB-1242	ND		50		ug/Kg		07/13/16 14:28	07/13/16 20:54	1
PCB-1248	ND		50		ug/Kg		07/13/16 14:28	07/13/16 20:54	1
PCB-1254	ND		50		ug/Kg		07/13/16 14:28	07/13/16 20:54	1
PCB-1260	ND		50		ug/Kg		07/13/16 14:28	07/13/16 20:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>Tetrachloro-m-xylene</i>	79		45 - 132				07/13/16 14:28	07/13/16 20:54	1
<i>DCB Decachlorobiphenyl</i>	95		42 - 146				07/13/16 14:28	07/13/16 20:54	1

TestAmerica Pleasanton

Client Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73334-1

Client Sample ID: SB-3-2'
Date Collected: 07/12/16 22:00
Date Received: 07/13/16 11:04

Lab Sample ID: 720-73334-9
Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.3		mg/Kg		07/13/16 19:39	07/14/16 16:35	4
Arsenic	ND		2.7		mg/Kg		07/13/16 19:39	07/14/16 16:35	4
Barium	62		1.3		mg/Kg		07/13/16 19:39	07/14/16 16:35	4
Beryllium	ND		0.27		mg/Kg		07/13/16 19:39	07/14/16 16:35	4
Cadmium	ND		0.34		mg/Kg		07/13/16 19:39	07/14/16 16:35	4
Chromium	31		1.3		mg/Kg		07/13/16 19:39	07/14/16 16:35	4
Cobalt	3.2		0.54		mg/Kg		07/13/16 19:39	07/14/16 16:35	4
Copper	6.8		4.0		mg/Kg		07/13/16 19:39	07/14/16 16:35	4
Lead	2.8		1.3		mg/Kg		07/13/16 19:39	07/14/16 16:35	4
Molybdenum	ND		1.3		mg/Kg		07/13/16 19:39	07/14/16 16:35	4
Nickel	14		1.3		mg/Kg		07/13/16 19:39	07/14/16 16:35	4
Selenium	ND		2.7		mg/Kg		07/13/16 19:39	07/14/16 16:35	4
Silver	ND		0.67		mg/Kg		07/13/16 19:39	07/14/16 16:35	4
Thallium	ND		1.3		mg/Kg		07/13/16 19:39	07/14/16 16:35	4
Vanadium	21		1.3		mg/Kg		07/13/16 19:39	07/14/16 16:35	4
Zinc	16		4.0		mg/Kg		07/13/16 19:39	07/14/16 16:35	4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.030		0.0095		mg/Kg		07/13/16 17:08	07/14/16 14:48	1

Client Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73334-1

Client Sample ID: SB-3-7'

Date Collected: 07/12/16 22:20

Date Received: 07/13/16 11:04

Lab Sample ID: 720-73334-10

Matrix: Solid

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		3.5		ug/Kg		07/13/16 13:35	07/13/16 18:19	1
Acetone	ND		35		ug/Kg		07/13/16 13:35	07/13/16 18:19	1
Benzene	ND		3.5		ug/Kg		07/13/16 13:35	07/13/16 18:19	1
Dichlorobromomethane	ND		3.5		ug/Kg		07/13/16 13:35	07/13/16 18:19	1
Bromobenzene	ND		3.5		ug/Kg		07/13/16 13:35	07/13/16 18:19	1
Chlorobromomethane	ND		14		ug/Kg		07/13/16 13:35	07/13/16 18:19	1
Bromoform	ND		3.5		ug/Kg		07/13/16 13:35	07/13/16 18:19	1
Bromomethane	ND		7.0		ug/Kg		07/13/16 13:35	07/13/16 18:19	1
2-Butanone (MEK)	ND		35		ug/Kg		07/13/16 13:35	07/13/16 18:19	1
n-Butylbenzene	ND		3.5		ug/Kg		07/13/16 13:35	07/13/16 18:19	1
sec-Butylbenzene	ND		3.5		ug/Kg		07/13/16 13:35	07/13/16 18:19	1
tert-Butylbenzene	ND		3.5		ug/Kg		07/13/16 13:35	07/13/16 18:19	1
Carbon disulfide	ND		3.5		ug/Kg		07/13/16 13:35	07/13/16 18:19	1
Carbon tetrachloride	ND		3.5		ug/Kg		07/13/16 13:35	07/13/16 18:19	1
Chlorobenzene	ND		3.5		ug/Kg		07/13/16 13:35	07/13/16 18:19	1
Chloroethane	ND		7.0		ug/Kg		07/13/16 13:35	07/13/16 18:19	1
Chloroform	ND		3.5		ug/Kg		07/13/16 13:35	07/13/16 18:19	1
Chloromethane	ND		7.0		ug/Kg		07/13/16 13:35	07/13/16 18:19	1
2-Chlorotoluene	ND		3.5		ug/Kg		07/13/16 13:35	07/13/16 18:19	1
4-Chlorotoluene	ND		3.5		ug/Kg		07/13/16 13:35	07/13/16 18:19	1
Chlorodibromomethane	ND		3.5		ug/Kg		07/13/16 13:35	07/13/16 18:19	1
1,2-Dichlorobenzene	ND		3.5		ug/Kg		07/13/16 13:35	07/13/16 18:19	1
1,3-Dichlorobenzene	ND		3.5		ug/Kg		07/13/16 13:35	07/13/16 18:19	1
1,4-Dichlorobenzene	ND		3.5		ug/Kg		07/13/16 13:35	07/13/16 18:19	1
1,3-Dichloropropane	ND		3.5		ug/Kg		07/13/16 13:35	07/13/16 18:19	1
1,1-Dichloropropane	ND		3.5		ug/Kg		07/13/16 13:35	07/13/16 18:19	1
1,2-Dibromo-3-Chloropropane	ND		7.0		ug/Kg		07/13/16 13:35	07/13/16 18:19	1
Ethylene Dibromide	ND		3.5		ug/Kg		07/13/16 13:35	07/13/16 18:19	1
Dibromomethane	ND		7.0		ug/Kg		07/13/16 13:35	07/13/16 18:19	1
Dichlorodifluoromethane	ND		7.0		ug/Kg		07/13/16 13:35	07/13/16 18:19	1
1,1-Dichloroethane	ND		3.5		ug/Kg		07/13/16 13:35	07/13/16 18:19	1
1,2-Dichloroethane	ND		3.5		ug/Kg		07/13/16 13:35	07/13/16 18:19	1
1,1-Dichloroethene	ND		3.5		ug/Kg		07/13/16 13:35	07/13/16 18:19	1
cis-1,2-Dichloroethene	ND		3.5		ug/Kg		07/13/16 13:35	07/13/16 18:19	1
trans-1,2-Dichloroethene	ND		3.5		ug/Kg		07/13/16 13:35	07/13/16 18:19	1
1,2-Dichloropropane	ND		3.5		ug/Kg		07/13/16 13:35	07/13/16 18:19	1
cis-1,3-Dichloropropene	ND		3.5		ug/Kg		07/13/16 13:35	07/13/16 18:19	1
trans-1,3-Dichloropropene	ND		3.5		ug/Kg		07/13/16 13:35	07/13/16 18:19	1
Ethylbenzene	ND		3.5		ug/Kg		07/13/16 13:35	07/13/16 18:19	1
Hexachlorobutadiene	ND		3.5		ug/Kg		07/13/16 13:35	07/13/16 18:19	1
2-Hexanone	ND		35		ug/Kg		07/13/16 13:35	07/13/16 18:19	1
Isopropylbenzene	ND		3.5		ug/Kg		07/13/16 13:35	07/13/16 18:19	1
4-Isopropyltoluene	ND		3.5		ug/Kg		07/13/16 13:35	07/13/16 18:19	1
Methylene Chloride	ND		7.0		ug/Kg		07/13/16 13:35	07/13/16 18:19	1
4-Methyl-2-pentanone (MIBK)	ND		35		ug/Kg		07/13/16 13:35	07/13/16 18:19	1
Naphthalene	ND		7.0		ug/Kg		07/13/16 13:35	07/13/16 18:19	1
N-Propylbenzene	ND		3.5		ug/Kg		07/13/16 13:35	07/13/16 18:19	1
Styrene	ND		3.5		ug/Kg		07/13/16 13:35	07/13/16 18:19	1
1,1,1,2-Tetrachloroethane	ND		3.5		ug/Kg		07/13/16 13:35	07/13/16 18:19	1

TestAmerica Pleasanton

Client Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73334-1

Client Sample ID: SB-3-7'

Lab Sample ID: 720-73334-10

Date Collected: 07/12/16 22:20

Matrix: Solid

Date Received: 07/13/16 11:04

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		3.5		ug/Kg		07/13/16 13:35	07/13/16 18:19	1
Tetrachloroethene	ND		3.5		ug/Kg		07/13/16 13:35	07/13/16 18:19	1
Toluene	ND		3.5		ug/Kg		07/13/16 13:35	07/13/16 18:19	1
1,2,3-Trichlorobenzene	ND		3.5		ug/Kg		07/13/16 13:35	07/13/16 18:19	1
1,2,4-Trichlorobenzene	ND		3.5		ug/Kg		07/13/16 13:35	07/13/16 18:19	1
1,1,1-Trichloroethane	ND		3.5		ug/Kg		07/13/16 13:35	07/13/16 18:19	1
1,1,2-Trichloroethane	ND		3.5		ug/Kg		07/13/16 13:35	07/13/16 18:19	1
Trichloroethene	ND		3.5		ug/Kg		07/13/16 13:35	07/13/16 18:19	1
Trichlorofluoromethane	ND		3.5		ug/Kg		07/13/16 13:35	07/13/16 18:19	1
1,2,3-Trichloropropane	ND		3.5		ug/Kg		07/13/16 13:35	07/13/16 18:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		3.5		ug/Kg		07/13/16 13:35	07/13/16 18:19	1
1,2,4-Trimethylbenzene	ND		3.5		ug/Kg		07/13/16 13:35	07/13/16 18:19	1
1,3,5-Trimethylbenzene	ND		3.5		ug/Kg		07/13/16 13:35	07/13/16 18:19	1
Vinyl acetate	ND		14		ug/Kg		07/13/16 13:35	07/13/16 18:19	1
Vinyl chloride	ND		3.5		ug/Kg		07/13/16 13:35	07/13/16 18:19	1
Xylenes, Total	ND		7.0		ug/Kg		07/13/16 13:35	07/13/16 18:19	1
2,2-Dichloropropane	ND		3.5		ug/Kg		07/13/16 13:35	07/13/16 18:19	1
Gasoline Range Organics (GRO) -C5-C12	ND		180		ug/Kg		07/13/16 13:35	07/13/16 18:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	91		45 - 131	07/13/16 13:35	07/13/16 18:19	1
1,2-Dichloroethane-d4 (Surr)	104		60 - 140	07/13/16 13:35	07/13/16 18:19	1
Toluene-d8 (Surr)	95		58 - 140	07/13/16 13:35	07/13/16 18:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		1.0		mg/Kg		07/13/16 15:18	07/14/16 02:43	1
Motor Oil Range Organics [C24-C36]	ND		50		mg/Kg		07/13/16 15:18	07/14/16 02:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
p-Terphenyl	96		40 - 130	07/13/16 15:18	07/14/16 02:43	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.4		mg/Kg		07/13/16 12:06	07/14/16 12:13	4
Arsenic	ND		2.8		mg/Kg		07/13/16 12:06	07/14/16 12:13	4
Barium	100		1.4		mg/Kg		07/13/16 12:06	07/14/16 12:13	4
Beryllium	ND		0.28		mg/Kg		07/13/16 12:06	07/14/16 12:13	4
Cadmium	ND		0.35		mg/Kg		07/13/16 12:06	07/14/16 12:13	4
Chromium	84		1.4		mg/Kg		07/13/16 12:06	07/14/16 12:13	4
Cobalt	5.8		0.56		mg/Kg		07/13/16 12:06	07/14/16 12:13	4
Copper	13		4.2		mg/Kg		07/13/16 12:06	07/14/16 12:13	4
Lead	3.8		1.4		mg/Kg		07/13/16 12:06	07/14/16 12:13	4
Molybdenum	ND		1.4		mg/Kg		07/13/16 12:06	07/14/16 12:13	4
Nickel	56		1.4		mg/Kg		07/13/16 12:06	07/14/16 12:13	4
Selenium	ND		2.8		mg/Kg		07/13/16 12:06	07/14/16 12:13	4
Silver	ND		0.70		mg/Kg		07/13/16 12:06	07/14/16 12:13	4
Thallium	ND		1.4		mg/Kg		07/13/16 12:06	07/14/16 12:13	4
Vanadium	32		1.4		mg/Kg		07/13/16 12:06	07/14/16 12:13	4
Zinc	28		4.2		mg/Kg		07/13/16 12:06	07/14/16 12:13	4

TestAmerica Pleasanton

Client Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73334-1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.052		0.0086		mg/Kg		07/13/16 12:32	07/14/16 16:10	1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Client Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73334-1

Client Sample ID: SB-3-14'

Lab Sample ID: 720-73334-11

Date Collected: 07/12/16 22:35

Matrix: Solid

Date Received: 07/13/16 11:04

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 18:48	1
Acetone	ND		37		ug/Kg		07/13/16 13:35	07/13/16 18:48	1
Benzene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 18:48	1
Dichlorobromomethane	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 18:48	1
Bromobenzene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 18:48	1
Chlorobromomethane	ND		15		ug/Kg		07/13/16 13:35	07/13/16 18:48	1
Bromoform	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 18:48	1
Bromomethane	ND		7.3		ug/Kg		07/13/16 13:35	07/13/16 18:48	1
2-Butanone (MEK)	ND		37		ug/Kg		07/13/16 13:35	07/13/16 18:48	1
n-Butylbenzene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 18:48	1
sec-Butylbenzene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 18:48	1
tert-Butylbenzene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 18:48	1
Carbon disulfide	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 18:48	1
Carbon tetrachloride	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 18:48	1
Chlorobenzene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 18:48	1
Chloroethane	ND		7.3		ug/Kg		07/13/16 13:35	07/13/16 18:48	1
Chloroform	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 18:48	1
Chloromethane	ND		7.3		ug/Kg		07/13/16 13:35	07/13/16 18:48	1
2-Chlorotoluene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 18:48	1
4-Chlorotoluene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 18:48	1
Chlorodibromomethane	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 18:48	1
1,2-Dichlorobenzene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 18:48	1
1,3-Dichlorobenzene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 18:48	1
1,4-Dichlorobenzene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 18:48	1
1,3-Dichloropropane	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 18:48	1
1,1-Dichloropropane	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 18:48	1
1,2-Dibromo-3-Chloropropane	ND		7.3		ug/Kg		07/13/16 13:35	07/13/16 18:48	1
Ethylene Dibromide	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 18:48	1
Dibromomethane	ND		7.3		ug/Kg		07/13/16 13:35	07/13/16 18:48	1
Dichlorodifluoromethane	ND		7.3		ug/Kg		07/13/16 13:35	07/13/16 18:48	1
1,1-Dichloroethane	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 18:48	1
1,2-Dichloroethane	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 18:48	1
1,1-Dichloroethene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 18:48	1
cis-1,2-Dichloroethene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 18:48	1
trans-1,2-Dichloroethene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 18:48	1
1,2-Dichloropropane	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 18:48	1
cis-1,3-Dichloropropene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 18:48	1
trans-1,3-Dichloropropene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 18:48	1
Ethylbenzene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 18:48	1
Hexachlorobutadiene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 18:48	1
2-Hexanone	ND		37		ug/Kg		07/13/16 13:35	07/13/16 18:48	1
Isopropylbenzene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 18:48	1
4-Isopropyltoluene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 18:48	1
Methylene Chloride	ND		7.3		ug/Kg		07/13/16 13:35	07/13/16 18:48	1
4-Methyl-2-pentanone (MIBK)	ND		37		ug/Kg		07/13/16 13:35	07/13/16 18:48	1
Naphthalene	ND		7.3		ug/Kg		07/13/16 13:35	07/13/16 18:48	1
N-Propylbenzene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 18:48	1
Styrene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 18:48	1
1,1,1,2-Tetrachloroethane	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 18:48	1

TestAmerica Pleasanton

Client Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73334-1

Client Sample ID: SB-3-14'

Lab Sample ID: 720-73334-11

Date Collected: 07/12/16 22:35

Matrix: Solid

Date Received: 07/13/16 11:04

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 18:48	1
Tetrachloroethene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 18:48	1
Toluene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 18:48	1
1,2,3-Trichlorobenzene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 18:48	1
1,2,4-Trichlorobenzene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 18:48	1
1,1,1-Trichloroethane	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 18:48	1
1,1,2-Trichloroethane	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 18:48	1
Trichloroethene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 18:48	1
Trichlorofluoromethane	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 18:48	1
1,2,3-Trichloropropane	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 18:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 18:48	1
1,2,4-Trimethylbenzene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 18:48	1
1,3,5-Trimethylbenzene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 18:48	1
Vinyl acetate	ND		15		ug/Kg		07/13/16 13:35	07/13/16 18:48	1
Vinyl chloride	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 18:48	1
Xylenes, Total	ND		7.3		ug/Kg		07/13/16 13:35	07/13/16 18:48	1
2,2-Dichloropropane	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 18:48	1
Gasoline Range Organics (GRO) -C5-C12	ND		180		ug/Kg		07/13/16 13:35	07/13/16 18:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	90		45 - 131	07/13/16 13:35	07/13/16 18:48	1
1,2-Dichloroethane-d4 (Surr)	101		60 - 140	07/13/16 13:35	07/13/16 18:48	1
Toluene-d8 (Surr)	95		58 - 140	07/13/16 13:35	07/13/16 18:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		1.0		mg/Kg		07/13/16 15:18	07/14/16 03:13	1
Motor Oil Range Organics [C24-C36]	ND		50		mg/Kg		07/13/16 15:18	07/14/16 03:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
p-Terphenyl	98		40 - 130	07/13/16 15:18	07/14/16 03:13	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.2		mg/Kg		07/13/16 12:06	07/14/16 12:18	4
Arsenic	3.4		2.3		mg/Kg		07/13/16 12:06	07/14/16 12:18	4
Barium	43		1.2		mg/Kg		07/13/16 12:06	07/14/16 12:18	4
Beryllium	ND		0.23		mg/Kg		07/13/16 12:06	07/14/16 12:18	4
Cadmium	ND		0.29		mg/Kg		07/13/16 12:06	07/14/16 12:18	4
Chromium	49		1.2		mg/Kg		07/13/16 12:06	07/14/16 12:18	4
Cobalt	6.0		0.47		mg/Kg		07/13/16 12:06	07/14/16 12:18	4
Copper	5.0		3.5		mg/Kg		07/13/16 12:06	07/14/16 12:18	4
Lead	1.6		1.2		mg/Kg		07/13/16 12:06	07/14/16 12:18	4
Molybdenum	ND		1.2		mg/Kg		07/13/16 12:06	07/14/16 12:18	4
Nickel	38		1.2		mg/Kg		07/13/16 12:06	07/14/16 12:18	4
Selenium	ND		2.3		mg/Kg		07/13/16 12:06	07/14/16 12:18	4
Silver	ND		0.58		mg/Kg		07/13/16 12:06	07/14/16 12:18	4
Thallium	ND		1.2		mg/Kg		07/13/16 12:06	07/14/16 12:18	4
Vanadium	31		1.2		mg/Kg		07/13/16 12:06	07/14/16 12:18	4
Zinc	19		3.5		mg/Kg		07/13/16 12:06	07/14/16 12:18	4

TestAmerica Pleasanton

Client Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73334-1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.023		0.0097		mg/Kg		07/13/16 12:32	07/14/16 16:17	1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Client Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73334-1

Client Sample ID: SB-10-1'

Lab Sample ID: 720-73334-12

Date Collected: 07/13/16 00:01

Matrix: Solid

Date Received: 07/13/16 11:04

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		4.4		ug/Kg		07/13/16 13:35	07/13/16 19:17	1
Acetone	ND		44		ug/Kg		07/13/16 13:35	07/13/16 19:17	1
Benzene	ND		4.4		ug/Kg		07/13/16 13:35	07/13/16 19:17	1
Dichlorobromomethane	ND		4.4		ug/Kg		07/13/16 13:35	07/13/16 19:17	1
Bromobenzene	ND		4.4		ug/Kg		07/13/16 13:35	07/13/16 19:17	1
Chlorobromomethane	ND		18		ug/Kg		07/13/16 13:35	07/13/16 19:17	1
Bromoform	ND		4.4		ug/Kg		07/13/16 13:35	07/13/16 19:17	1
Bromomethane	ND		8.8		ug/Kg		07/13/16 13:35	07/13/16 19:17	1
2-Butanone (MEK)	ND		44		ug/Kg		07/13/16 13:35	07/13/16 19:17	1
n-Butylbenzene	ND		4.4		ug/Kg		07/13/16 13:35	07/13/16 19:17	1
sec-Butylbenzene	ND		4.4		ug/Kg		07/13/16 13:35	07/13/16 19:17	1
tert-Butylbenzene	ND		4.4		ug/Kg		07/13/16 13:35	07/13/16 19:17	1
Carbon disulfide	ND		4.4		ug/Kg		07/13/16 13:35	07/13/16 19:17	1
Carbon tetrachloride	ND		4.4		ug/Kg		07/13/16 13:35	07/13/16 19:17	1
Chlorobenzene	ND		4.4		ug/Kg		07/13/16 13:35	07/13/16 19:17	1
Chloroethane	ND		8.8		ug/Kg		07/13/16 13:35	07/13/16 19:17	1
Chloroform	ND		4.4		ug/Kg		07/13/16 13:35	07/13/16 19:17	1
Chloromethane	ND		8.8		ug/Kg		07/13/16 13:35	07/13/16 19:17	1
2-Chlorotoluene	ND		4.4		ug/Kg		07/13/16 13:35	07/13/16 19:17	1
4-Chlorotoluene	ND		4.4		ug/Kg		07/13/16 13:35	07/13/16 19:17	1
Chlorodibromomethane	ND		4.4		ug/Kg		07/13/16 13:35	07/13/16 19:17	1
1,2-Dichlorobenzene	ND		4.4		ug/Kg		07/13/16 13:35	07/13/16 19:17	1
1,3-Dichlorobenzene	ND		4.4		ug/Kg		07/13/16 13:35	07/13/16 19:17	1
1,4-Dichlorobenzene	ND		4.4		ug/Kg		07/13/16 13:35	07/13/16 19:17	1
1,3-Dichloropropane	ND		4.4		ug/Kg		07/13/16 13:35	07/13/16 19:17	1
1,1-Dichloropropane	ND		4.4		ug/Kg		07/13/16 13:35	07/13/16 19:17	1
1,2-Dibromo-3-Chloropropane	ND		8.8		ug/Kg		07/13/16 13:35	07/13/16 19:17	1
Ethylene Dibromide	ND		4.4		ug/Kg		07/13/16 13:35	07/13/16 19:17	1
Dibromomethane	ND		8.8		ug/Kg		07/13/16 13:35	07/13/16 19:17	1
Dichlorodifluoromethane	ND		8.8		ug/Kg		07/13/16 13:35	07/13/16 19:17	1
1,1-Dichloroethane	ND		4.4		ug/Kg		07/13/16 13:35	07/13/16 19:17	1
1,2-Dichloroethane	ND		4.4		ug/Kg		07/13/16 13:35	07/13/16 19:17	1
1,1-Dichloroethene	ND		4.4		ug/Kg		07/13/16 13:35	07/13/16 19:17	1
cis-1,2-Dichloroethene	ND		4.4		ug/Kg		07/13/16 13:35	07/13/16 19:17	1
trans-1,2-Dichloroethene	ND		4.4		ug/Kg		07/13/16 13:35	07/13/16 19:17	1
1,2-Dichloropropane	ND		4.4		ug/Kg		07/13/16 13:35	07/13/16 19:17	1
cis-1,3-Dichloropropene	ND		4.4		ug/Kg		07/13/16 13:35	07/13/16 19:17	1
trans-1,3-Dichloropropene	ND		4.4		ug/Kg		07/13/16 13:35	07/13/16 19:17	1
Ethylbenzene	ND		4.4		ug/Kg		07/13/16 13:35	07/13/16 19:17	1
Hexachlorobutadiene	ND		4.4		ug/Kg		07/13/16 13:35	07/13/16 19:17	1
2-Hexanone	ND		44		ug/Kg		07/13/16 13:35	07/13/16 19:17	1
Isopropylbenzene	ND		4.4		ug/Kg		07/13/16 13:35	07/13/16 19:17	1
4-Isopropyltoluene	ND		4.4		ug/Kg		07/13/16 13:35	07/13/16 19:17	1
Methylene Chloride	ND		8.8		ug/Kg		07/13/16 13:35	07/13/16 19:17	1
4-Methyl-2-pentanone (MIBK)	ND		44		ug/Kg		07/13/16 13:35	07/13/16 19:17	1
Naphthalene	ND		8.8		ug/Kg		07/13/16 13:35	07/13/16 19:17	1
N-Propylbenzene	ND		4.4		ug/Kg		07/13/16 13:35	07/13/16 19:17	1
Styrene	ND		4.4		ug/Kg		07/13/16 13:35	07/13/16 19:17	1
1,1,1,2-Tetrachloroethane	ND		4.4		ug/Kg		07/13/16 13:35	07/13/16 19:17	1

TestAmerica Pleasanton

Client Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73334-1

Client Sample ID: SB-10-1'

Lab Sample ID: 720-73334-12

Date Collected: 07/13/16 00:01

Matrix: Solid

Date Received: 07/13/16 11:04

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		4.4		ug/Kg		07/13/16 13:35	07/13/16 19:17	1
Tetrachloroethene	ND		4.4		ug/Kg		07/13/16 13:35	07/13/16 19:17	1
Toluene	ND		4.4		ug/Kg		07/13/16 13:35	07/13/16 19:17	1
1,2,3-Trichlorobenzene	ND		4.4		ug/Kg		07/13/16 13:35	07/13/16 19:17	1
1,2,4-Trichlorobenzene	ND		4.4		ug/Kg		07/13/16 13:35	07/13/16 19:17	1
1,1,1-Trichloroethane	ND		4.4		ug/Kg		07/13/16 13:35	07/13/16 19:17	1
1,1,2-Trichloroethane	ND		4.4		ug/Kg		07/13/16 13:35	07/13/16 19:17	1
Trichloroethene	ND		4.4		ug/Kg		07/13/16 13:35	07/13/16 19:17	1
Trichlorofluoromethane	ND		4.4		ug/Kg		07/13/16 13:35	07/13/16 19:17	1
1,2,3-Trichloropropane	ND		4.4		ug/Kg		07/13/16 13:35	07/13/16 19:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.4		ug/Kg		07/13/16 13:35	07/13/16 19:17	1
1,2,4-Trimethylbenzene	ND		4.4		ug/Kg		07/13/16 13:35	07/13/16 19:17	1
1,3,5-Trimethylbenzene	ND		4.4		ug/Kg		07/13/16 13:35	07/13/16 19:17	1
Vinyl acetate	ND		18		ug/Kg		07/13/16 13:35	07/13/16 19:17	1
Vinyl chloride	ND		4.4		ug/Kg		07/13/16 13:35	07/13/16 19:17	1
Xylenes, Total	ND		8.8		ug/Kg		07/13/16 13:35	07/13/16 19:17	1
2,2-Dichloropropane	ND		4.4		ug/Kg		07/13/16 13:35	07/13/16 19:17	1
Gasoline Range Organics (GRO) -C5-C12	ND		220		ug/Kg		07/13/16 13:35	07/13/16 19:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	81		45 - 131	07/13/16 13:35	07/13/16 19:17	1
1,2-Dichloroethane-d4 (Surr)	103		60 - 140	07/13/16 13:35	07/13/16 19:17	1
Toluene-d8 (Surr)	95		58 - 140	07/13/16 13:35	07/13/16 19:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		0.067		mg/Kg		07/13/16 13:56	07/13/16 23:20	1
Acenaphthylene	ND		0.067		mg/Kg		07/13/16 13:56	07/13/16 23:20	1
Acenaphthene	ND		0.067		mg/Kg		07/13/16 13:56	07/13/16 23:20	1
Fluorene	ND		0.067		mg/Kg		07/13/16 13:56	07/13/16 23:20	1
Phenanthrene	ND		0.067		mg/Kg		07/13/16 13:56	07/13/16 23:20	1
Anthracene	ND		0.067		mg/Kg		07/13/16 13:56	07/13/16 23:20	1
Fluoranthene	ND		0.067		mg/Kg		07/13/16 13:56	07/13/16 23:20	1
Pyrene	ND		0.067		mg/Kg		07/13/16 13:56	07/13/16 23:20	1
Benzo[a]anthracene	ND		0.33		mg/Kg		07/13/16 13:56	07/13/16 23:20	1
Chrysene	ND		0.067		mg/Kg		07/13/16 13:56	07/13/16 23:20	1
Benzo[b]fluoranthene	ND		0.067		mg/Kg		07/13/16 13:56	07/13/16 23:20	1
Benzo[k]fluoranthene	ND		0.067		mg/Kg		07/13/16 13:56	07/13/16 23:20	1
Benzo[a]pyrene	ND		0.067		mg/Kg		07/13/16 13:56	07/13/16 23:20	1
Indeno[1,2,3-cd]pyrene	ND		0.067		mg/Kg		07/13/16 13:56	07/13/16 23:20	1
Benzo[g,h,i]perylene	ND		0.067		mg/Kg		07/13/16 13:56	07/13/16 23:20	1
Dibenz(a,h)anthracene	ND		0.067		mg/Kg		07/13/16 13:56	07/13/16 23:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	65		21 - 98	07/13/16 13:56	07/13/16 23:20	1
2-Fluorobiphenyl	68		30 - 112	07/13/16 13:56	07/13/16 23:20	1
Terphenyl-d14	68		59 - 134	07/13/16 13:56	07/13/16 23:20	1

TestAmerica Pleasanton

Client Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73334-1

Client Sample ID: SB-10-1'

Lab Sample ID: 720-73334-12

Date Collected: 07/13/16 00:01

Matrix: Solid

Date Received: 07/13/16 11:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	2.6		0.99		mg/Kg		07/13/16 15:18	07/14/16 02:22	1
Motor Oil Range Organics [C24-C36]	ND		50		mg/Kg		07/13/16 15:18	07/14/16 02:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>p-Terphenyl</i>	103		40 - 130				07/13/16 15:18	07/14/16 02:22	1

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		2.0		ug/Kg		07/13/16 12:00	07/14/16 03:16	1
Dieldrin	ND		2.0		ug/Kg		07/13/16 12:00	07/14/16 03:16	1
Endrin aldehyde	ND		2.0		ug/Kg		07/13/16 12:00	07/14/16 03:16	1
Endrin	ND		2.0		ug/Kg		07/13/16 12:00	07/14/16 03:16	1
Endrin ketone	ND		2.0		ug/Kg		07/13/16 12:00	07/14/16 03:16	1
Heptachlor	ND		2.0		ug/Kg		07/13/16 12:00	07/14/16 03:16	1
Heptachlor epoxide	ND		2.0		ug/Kg		07/13/16 12:00	07/14/16 03:16	1
4,4'-DDT	ND		2.0		ug/Kg		07/13/16 12:00	07/14/16 03:16	1
4,4'-DDE	ND		2.0		ug/Kg		07/13/16 12:00	07/14/16 03:16	1
4,4'-DDD	ND		2.0		ug/Kg		07/13/16 12:00	07/14/16 03:16	1
Endosulfan I	ND		2.0		ug/Kg		07/13/16 12:00	07/14/16 03:16	1
Endosulfan II	ND		2.0		ug/Kg		07/13/16 12:00	07/14/16 03:16	1
alpha-BHC	ND		2.0		ug/Kg		07/13/16 12:00	07/14/16 03:16	1
beta-BHC	ND		2.0		ug/Kg		07/13/16 12:00	07/14/16 03:16	1
gamma-BHC (Lindane)	ND		2.0		ug/Kg		07/13/16 12:00	07/14/16 03:16	1
delta-BHC	ND		2.0		ug/Kg		07/13/16 12:00	07/14/16 03:16	1
Endosulfan sulfate	ND		2.0		ug/Kg		07/13/16 12:00	07/14/16 03:16	1
Methoxychlor	ND		2.0		ug/Kg		07/13/16 12:00	07/14/16 03:16	1
Toxaphene	ND		39		ug/Kg		07/13/16 12:00	07/14/16 03:16	1
Chlordane (technical)	ND		39		ug/Kg		07/13/16 12:00	07/14/16 03:16	1
alpha-Chlordane	ND		2.0		ug/Kg		07/13/16 12:00	07/14/16 03:16	1
gamma-Chlordane	ND		2.0		ug/Kg		07/13/16 12:00	07/14/16 03:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>Tetrachloro-m-xylene</i>	83		57 - 122				07/13/16 12:00	07/14/16 03:16	1
<i>DCB Decachlorobiphenyl</i>	116		21 - 136				07/13/16 12:00	07/14/16 03:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		49		ug/Kg		07/13/16 14:28	07/13/16 21:11	1
PCB-1221	ND		49		ug/Kg		07/13/16 14:28	07/13/16 21:11	1
PCB-1232	ND		49		ug/Kg		07/13/16 14:28	07/13/16 21:11	1
PCB-1242	ND		49		ug/Kg		07/13/16 14:28	07/13/16 21:11	1
PCB-1248	ND		49		ug/Kg		07/13/16 14:28	07/13/16 21:11	1
PCB-1254	ND		49		ug/Kg		07/13/16 14:28	07/13/16 21:11	1
PCB-1260	ND		49		ug/Kg		07/13/16 14:28	07/13/16 21:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>Tetrachloro-m-xylene</i>	77		45 - 132				07/13/16 14:28	07/13/16 21:11	1
<i>DCB Decachlorobiphenyl</i>	89		42 - 146				07/13/16 14:28	07/13/16 21:11	1

TestAmerica Pleasanton

Client Sample Results

Client: AECOM
 Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73334-1

Client Sample ID: SB-10-1'
Date Collected: 07/13/16 00:01
Date Received: 07/13/16 11:04

Lab Sample ID: 720-73334-12
Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.6		mg/Kg		07/13/16 19:39	07/14/16 16:40	4
Arsenic	ND		3.2		mg/Kg		07/13/16 19:39	07/14/16 16:40	4
Barium	99		1.6		mg/Kg		07/13/16 19:39	07/14/16 16:40	4
Beryllium	ND		0.32		mg/Kg		07/13/16 19:39	07/14/16 16:40	4
Cadmium	ND		0.40		mg/Kg		07/13/16 19:39	07/14/16 16:40	4
Chromium	35		1.6		mg/Kg		07/13/16 19:39	07/14/16 16:40	4
Cobalt	4.4		0.65		mg/Kg		07/13/16 19:39	07/14/16 16:40	4
Copper	11		4.8		mg/Kg		07/13/16 19:39	07/14/16 16:40	4
Lead	33		1.6		mg/Kg		07/13/16 19:39	07/14/16 16:40	4
Molybdenum	ND		1.6		mg/Kg		07/13/16 19:39	07/14/16 16:40	4
Nickel	18		1.6		mg/Kg		07/13/16 19:39	07/14/16 16:40	4
Selenium	ND		3.2		mg/Kg		07/13/16 19:39	07/14/16 16:40	4
Silver	ND		0.81		mg/Kg		07/13/16 19:39	07/14/16 16:40	4
Thallium	ND		1.6		mg/Kg		07/13/16 19:39	07/14/16 16:40	4
Vanadium	22		1.6		mg/Kg		07/13/16 19:39	07/14/16 16:40	4
Zinc	37		4.8		mg/Kg		07/13/16 19:39	07/14/16 16:40	4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.11		0.0086		mg/Kg		07/13/16 17:08	07/14/16 14:51	1

Client Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73334-1

Client Sample ID: SB-6-3'

Lab Sample ID: 720-73334-13

Date Collected: 07/13/16 00:25

Matrix: Solid

Date Received: 07/13/16 11:04

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		4.7		ug/Kg		07/13/16 13:35	07/13/16 19:47	1
Acetone	ND		47		ug/Kg		07/13/16 13:35	07/13/16 19:47	1
Benzene	ND		4.7		ug/Kg		07/13/16 13:35	07/13/16 19:47	1
Dichlorobromomethane	ND		4.7		ug/Kg		07/13/16 13:35	07/13/16 19:47	1
Bromobenzene	ND		4.7		ug/Kg		07/13/16 13:35	07/13/16 19:47	1
Chlorobromomethane	ND		19		ug/Kg		07/13/16 13:35	07/13/16 19:47	1
Bromoform	ND		4.7		ug/Kg		07/13/16 13:35	07/13/16 19:47	1
Bromomethane	ND		9.3		ug/Kg		07/13/16 13:35	07/13/16 19:47	1
2-Butanone (MEK)	ND		47		ug/Kg		07/13/16 13:35	07/13/16 19:47	1
n-Butylbenzene	ND		4.7		ug/Kg		07/13/16 13:35	07/13/16 19:47	1
sec-Butylbenzene	ND		4.7		ug/Kg		07/13/16 13:35	07/13/16 19:47	1
tert-Butylbenzene	ND		4.7		ug/Kg		07/13/16 13:35	07/13/16 19:47	1
Carbon disulfide	ND		4.7		ug/Kg		07/13/16 13:35	07/13/16 19:47	1
Carbon tetrachloride	ND		4.7		ug/Kg		07/13/16 13:35	07/13/16 19:47	1
Chlorobenzene	ND		4.7		ug/Kg		07/13/16 13:35	07/13/16 19:47	1
Chloroethane	ND		9.3		ug/Kg		07/13/16 13:35	07/13/16 19:47	1
Chloroform	ND		4.7		ug/Kg		07/13/16 13:35	07/13/16 19:47	1
Chloromethane	ND		9.3		ug/Kg		07/13/16 13:35	07/13/16 19:47	1
2-Chlorotoluene	ND		4.7		ug/Kg		07/13/16 13:35	07/13/16 19:47	1
4-Chlorotoluene	ND		4.7		ug/Kg		07/13/16 13:35	07/13/16 19:47	1
Chlorodibromomethane	ND		4.7		ug/Kg		07/13/16 13:35	07/13/16 19:47	1
1,2-Dichlorobenzene	ND		4.7		ug/Kg		07/13/16 13:35	07/13/16 19:47	1
1,3-Dichlorobenzene	ND		4.7		ug/Kg		07/13/16 13:35	07/13/16 19:47	1
1,4-Dichlorobenzene	ND		4.7		ug/Kg		07/13/16 13:35	07/13/16 19:47	1
1,3-Dichloropropane	ND		4.7		ug/Kg		07/13/16 13:35	07/13/16 19:47	1
1,1-Dichloropropane	ND		4.7		ug/Kg		07/13/16 13:35	07/13/16 19:47	1
1,2-Dibromo-3-Chloropropane	ND		9.3		ug/Kg		07/13/16 13:35	07/13/16 19:47	1
Ethylene Dibromide	ND		4.7		ug/Kg		07/13/16 13:35	07/13/16 19:47	1
Dibromomethane	ND		9.3		ug/Kg		07/13/16 13:35	07/13/16 19:47	1
Dichlorodifluoromethane	ND		9.3		ug/Kg		07/13/16 13:35	07/13/16 19:47	1
1,1-Dichloroethane	ND		4.7		ug/Kg		07/13/16 13:35	07/13/16 19:47	1
1,2-Dichloroethane	ND		4.7		ug/Kg		07/13/16 13:35	07/13/16 19:47	1
1,1-Dichloroethene	ND		4.7		ug/Kg		07/13/16 13:35	07/13/16 19:47	1
cis-1,2-Dichloroethene	ND		4.7		ug/Kg		07/13/16 13:35	07/13/16 19:47	1
trans-1,2-Dichloroethene	ND		4.7		ug/Kg		07/13/16 13:35	07/13/16 19:47	1
1,2-Dichloropropane	ND		4.7		ug/Kg		07/13/16 13:35	07/13/16 19:47	1
cis-1,3-Dichloropropene	ND		4.7		ug/Kg		07/13/16 13:35	07/13/16 19:47	1
trans-1,3-Dichloropropene	ND		4.7		ug/Kg		07/13/16 13:35	07/13/16 19:47	1
Ethylbenzene	ND		4.7		ug/Kg		07/13/16 13:35	07/13/16 19:47	1
Hexachlorobutadiene	ND		4.7		ug/Kg		07/13/16 13:35	07/13/16 19:47	1
2-Hexanone	ND		47		ug/Kg		07/13/16 13:35	07/13/16 19:47	1
Isopropylbenzene	ND		4.7		ug/Kg		07/13/16 13:35	07/13/16 19:47	1
4-Isopropyltoluene	ND		4.7		ug/Kg		07/13/16 13:35	07/13/16 19:47	1
Methylene Chloride	ND		9.3		ug/Kg		07/13/16 13:35	07/13/16 19:47	1
4-Methyl-2-pentanone (MIBK)	ND		47		ug/Kg		07/13/16 13:35	07/13/16 19:47	1
Naphthalene	ND		9.3		ug/Kg		07/13/16 13:35	07/13/16 19:47	1
N-Propylbenzene	ND		4.7		ug/Kg		07/13/16 13:35	07/13/16 19:47	1
Styrene	ND		4.7		ug/Kg		07/13/16 13:35	07/13/16 19:47	1
1,1,1,2-Tetrachloroethane	ND		4.7		ug/Kg		07/13/16 13:35	07/13/16 19:47	1

TestAmerica Pleasanton

Client Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73334-1

Client Sample ID: SB-6-3'

Lab Sample ID: 720-73334-13

Date Collected: 07/13/16 00:25

Matrix: Solid

Date Received: 07/13/16 11:04

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		4.7		ug/Kg		07/13/16 13:35	07/13/16 19:47	1
Tetrachloroethene	ND		4.7		ug/Kg		07/13/16 13:35	07/13/16 19:47	1
Toluene	ND		4.7		ug/Kg		07/13/16 13:35	07/13/16 19:47	1
1,2,3-Trichlorobenzene	ND		4.7		ug/Kg		07/13/16 13:35	07/13/16 19:47	1
1,2,4-Trichlorobenzene	ND		4.7		ug/Kg		07/13/16 13:35	07/13/16 19:47	1
1,1,1-Trichloroethane	ND		4.7		ug/Kg		07/13/16 13:35	07/13/16 19:47	1
1,1,2-Trichloroethane	ND		4.7		ug/Kg		07/13/16 13:35	07/13/16 19:47	1
Trichloroethene	ND		4.7		ug/Kg		07/13/16 13:35	07/13/16 19:47	1
Trichlorofluoromethane	ND		4.7		ug/Kg		07/13/16 13:35	07/13/16 19:47	1
1,2,3-Trichloropropane	ND		4.7		ug/Kg		07/13/16 13:35	07/13/16 19:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.7		ug/Kg		07/13/16 13:35	07/13/16 19:47	1
1,2,4-Trimethylbenzene	ND		4.7		ug/Kg		07/13/16 13:35	07/13/16 19:47	1
1,3,5-Trimethylbenzene	ND		4.7		ug/Kg		07/13/16 13:35	07/13/16 19:47	1
Vinyl acetate	ND		19		ug/Kg		07/13/16 13:35	07/13/16 19:47	1
Vinyl chloride	ND		4.7		ug/Kg		07/13/16 13:35	07/13/16 19:47	1
Xylenes, Total	ND		9.3		ug/Kg		07/13/16 13:35	07/13/16 19:47	1
2,2-Dichloropropane	ND		4.7		ug/Kg		07/13/16 13:35	07/13/16 19:47	1
Gasoline Range Organics (GRO) -C5-C12	ND		230		ug/Kg		07/13/16 13:35	07/13/16 19:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	88		45 - 131	07/13/16 13:35	07/13/16 19:47	1
1,2-Dichloroethane-d4 (Surr)	101		60 - 140	07/13/16 13:35	07/13/16 19:47	1
Toluene-d8 (Surr)	94		58 - 140	07/13/16 13:35	07/13/16 19:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		1.0		mg/Kg		07/13/16 15:18	07/14/16 03:42	1
Motor Oil Range Organics [C24-C36]	ND		50		mg/Kg		07/13/16 15:18	07/14/16 03:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
p-Terphenyl	96		40 - 130	07/13/16 15:18	07/14/16 03:42	1

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		1.9		ug/Kg		07/13/16 12:00	07/14/16 03:33	1
Dieldrin	ND		1.9		ug/Kg		07/13/16 12:00	07/14/16 03:33	1
Endrin aldehyde	ND		1.9		ug/Kg		07/13/16 12:00	07/14/16 03:33	1
Endrin	ND		1.9		ug/Kg		07/13/16 12:00	07/14/16 03:33	1
Endrin ketone	ND		1.9		ug/Kg		07/13/16 12:00	07/14/16 03:33	1
Heptachlor	ND		1.9		ug/Kg		07/13/16 12:00	07/14/16 03:33	1
Heptachlor epoxide	ND		1.9		ug/Kg		07/13/16 12:00	07/14/16 03:33	1
4,4'-DDT	ND		1.9		ug/Kg		07/13/16 12:00	07/14/16 03:33	1
4,4'-DDE	ND		1.9		ug/Kg		07/13/16 12:00	07/14/16 03:33	1
4,4'-DDD	ND		1.9		ug/Kg		07/13/16 12:00	07/14/16 03:33	1
Endosulfan I	ND		1.9		ug/Kg		07/13/16 12:00	07/14/16 03:33	1
Endosulfan II	ND		1.9		ug/Kg		07/13/16 12:00	07/14/16 03:33	1
alpha-BHC	ND		1.9		ug/Kg		07/13/16 12:00	07/14/16 03:33	1
beta-BHC	ND		1.9		ug/Kg		07/13/16 12:00	07/14/16 03:33	1
gamma-BHC (Lindane)	ND		1.9		ug/Kg		07/13/16 12:00	07/14/16 03:33	1
delta-BHC	ND		1.9		ug/Kg		07/13/16 12:00	07/14/16 03:33	1

TestAmerica Pleasanton

Client Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73334-1

Client Sample ID: SB-6-3'

Lab Sample ID: 720-73334-13

Date Collected: 07/13/16 00:25

Matrix: Solid

Date Received: 07/13/16 11:04

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endosulfan sulfate	ND		1.9		ug/Kg		07/13/16 12:00	07/14/16 03:33	1
Methoxychlor	ND		1.9		ug/Kg		07/13/16 12:00	07/14/16 03:33	1
Toxaphene	ND		39		ug/Kg		07/13/16 12:00	07/14/16 03:33	1
Chlordane (technical)	ND		39		ug/Kg		07/13/16 12:00	07/14/16 03:33	1
alpha-Chlordane	ND		1.9		ug/Kg		07/13/16 12:00	07/14/16 03:33	1
gamma-Chlordane	ND		1.9		ug/Kg		07/13/16 12:00	07/14/16 03:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	86		57 - 122	07/13/16 12:00	07/14/16 03:33	1
DCB Decachlorobiphenyl	110		21 - 136	07/13/16 12:00	07/14/16 03:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		49		ug/Kg		07/13/16 14:28	07/13/16 20:21	1
PCB-1221	ND		49		ug/Kg		07/13/16 14:28	07/13/16 20:21	1
PCB-1232	ND		49		ug/Kg		07/13/16 14:28	07/13/16 20:21	1
PCB-1242	ND		49		ug/Kg		07/13/16 14:28	07/13/16 20:21	1
PCB-1248	ND		49		ug/Kg		07/13/16 14:28	07/13/16 20:21	1
PCB-1254	ND		49		ug/Kg		07/13/16 14:28	07/13/16 20:21	1
PCB-1260	ND		49		ug/Kg		07/13/16 14:28	07/13/16 20:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	87		45 - 132	07/13/16 14:28	07/13/16 20:21	1
DCB Decachlorobiphenyl	69		42 - 146	07/13/16 14:28	07/13/16 20:21	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.8		mg/Kg		07/13/16 19:39	07/14/16 16:46	4
Arsenic	ND		3.5		mg/Kg		07/13/16 19:39	07/14/16 16:46	4
Barium	55		1.8		mg/Kg		07/13/16 19:39	07/14/16 16:46	4
Beryllium	ND		0.35		mg/Kg		07/13/16 19:39	07/14/16 16:46	4
Cadmium	ND		0.44		mg/Kg		07/13/16 19:39	07/14/16 16:46	4
Chromium	32		1.8		mg/Kg		07/13/16 19:39	07/14/16 16:46	4
Cobalt	2.4		0.70		mg/Kg		07/13/16 19:39	07/14/16 16:46	4
Copper	ND		5.3		mg/Kg		07/13/16 19:39	07/14/16 16:46	4
Lead	3.4		1.8		mg/Kg		07/13/16 19:39	07/14/16 16:46	4
Molybdenum	ND		1.8		mg/Kg		07/13/16 19:39	07/14/16 16:46	4
Nickel	13		1.8		mg/Kg		07/13/16 19:39	07/14/16 16:46	4
Selenium	ND		3.5		mg/Kg		07/13/16 19:39	07/14/16 16:46	4
Silver	ND		0.88		mg/Kg		07/13/16 19:39	07/14/16 16:46	4
Thallium	ND		1.8		mg/Kg		07/13/16 19:39	07/14/16 16:46	4
Vanadium	21		1.8		mg/Kg		07/13/16 19:39	07/14/16 16:46	4
Zinc	13		5.3		mg/Kg		07/13/16 19:39	07/14/16 16:46	4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.024		0.0088		mg/Kg		07/13/16 17:08	07/14/16 14:58	1

TestAmerica Pleasanton

Client Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73334-1

Client Sample ID: SB-6-10'

Date Collected: 07/13/16 00:40

Date Received: 07/13/16 11:04

Lab Sample ID: 720-73334-14

Matrix: Solid

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		3.5		ug/Kg		07/13/16 13:35	07/13/16 20:16	1
Acetone	ND		35		ug/Kg		07/13/16 13:35	07/13/16 20:16	1
Benzene	ND		3.5		ug/Kg		07/13/16 13:35	07/13/16 20:16	1
Dichlorobromomethane	ND		3.5		ug/Kg		07/13/16 13:35	07/13/16 20:16	1
Bromobenzene	ND		3.5		ug/Kg		07/13/16 13:35	07/13/16 20:16	1
Chlorobromomethane	ND		14		ug/Kg		07/13/16 13:35	07/13/16 20:16	1
Bromoform	ND		3.5		ug/Kg		07/13/16 13:35	07/13/16 20:16	1
Bromomethane	ND		7.1		ug/Kg		07/13/16 13:35	07/13/16 20:16	1
2-Butanone (MEK)	ND		35		ug/Kg		07/13/16 13:35	07/13/16 20:16	1
n-Butylbenzene	ND		3.5		ug/Kg		07/13/16 13:35	07/13/16 20:16	1
sec-Butylbenzene	ND		3.5		ug/Kg		07/13/16 13:35	07/13/16 20:16	1
tert-Butylbenzene	ND		3.5		ug/Kg		07/13/16 13:35	07/13/16 20:16	1
Carbon disulfide	ND		3.5		ug/Kg		07/13/16 13:35	07/13/16 20:16	1
Carbon tetrachloride	ND		3.5		ug/Kg		07/13/16 13:35	07/13/16 20:16	1
Chlorobenzene	ND		3.5		ug/Kg		07/13/16 13:35	07/13/16 20:16	1
Chloroethane	ND		7.1		ug/Kg		07/13/16 13:35	07/13/16 20:16	1
Chloroform	ND		3.5		ug/Kg		07/13/16 13:35	07/13/16 20:16	1
Chloromethane	ND		7.1		ug/Kg		07/13/16 13:35	07/13/16 20:16	1
2-Chlorotoluene	ND		3.5		ug/Kg		07/13/16 13:35	07/13/16 20:16	1
4-Chlorotoluene	ND		3.5		ug/Kg		07/13/16 13:35	07/13/16 20:16	1
Chlorodibromomethane	ND		3.5		ug/Kg		07/13/16 13:35	07/13/16 20:16	1
1,2-Dichlorobenzene	ND		3.5		ug/Kg		07/13/16 13:35	07/13/16 20:16	1
1,3-Dichlorobenzene	ND		3.5		ug/Kg		07/13/16 13:35	07/13/16 20:16	1
1,4-Dichlorobenzene	ND		3.5		ug/Kg		07/13/16 13:35	07/13/16 20:16	1
1,3-Dichloropropane	ND		3.5		ug/Kg		07/13/16 13:35	07/13/16 20:16	1
1,1-Dichloropropane	ND		3.5		ug/Kg		07/13/16 13:35	07/13/16 20:16	1
1,2-Dibromo-3-Chloropropane	ND		7.1		ug/Kg		07/13/16 13:35	07/13/16 20:16	1
Ethylene Dibromide	ND		3.5		ug/Kg		07/13/16 13:35	07/13/16 20:16	1
Dibromomethane	ND		7.1		ug/Kg		07/13/16 13:35	07/13/16 20:16	1
Dichlorodifluoromethane	ND		7.1		ug/Kg		07/13/16 13:35	07/13/16 20:16	1
1,1-Dichloroethane	ND		3.5		ug/Kg		07/13/16 13:35	07/13/16 20:16	1
1,2-Dichloroethane	ND		3.5		ug/Kg		07/13/16 13:35	07/13/16 20:16	1
1,1-Dichloroethene	ND		3.5		ug/Kg		07/13/16 13:35	07/13/16 20:16	1
cis-1,2-Dichloroethene	ND		3.5		ug/Kg		07/13/16 13:35	07/13/16 20:16	1
trans-1,2-Dichloroethene	ND		3.5		ug/Kg		07/13/16 13:35	07/13/16 20:16	1
1,2-Dichloropropane	ND		3.5		ug/Kg		07/13/16 13:35	07/13/16 20:16	1
cis-1,3-Dichloropropene	ND		3.5		ug/Kg		07/13/16 13:35	07/13/16 20:16	1
trans-1,3-Dichloropropene	ND		3.5		ug/Kg		07/13/16 13:35	07/13/16 20:16	1
Ethylbenzene	ND		3.5		ug/Kg		07/13/16 13:35	07/13/16 20:16	1
Hexachlorobutadiene	ND		3.5		ug/Kg		07/13/16 13:35	07/13/16 20:16	1
2-Hexanone	ND		35		ug/Kg		07/13/16 13:35	07/13/16 20:16	1
Isopropylbenzene	ND		3.5		ug/Kg		07/13/16 13:35	07/13/16 20:16	1
4-Isopropyltoluene	ND		3.5		ug/Kg		07/13/16 13:35	07/13/16 20:16	1
Methylene Chloride	ND		7.1		ug/Kg		07/13/16 13:35	07/13/16 20:16	1
4-Methyl-2-pentanone (MIBK)	ND		35		ug/Kg		07/13/16 13:35	07/13/16 20:16	1
Naphthalene	ND		7.1		ug/Kg		07/13/16 13:35	07/13/16 20:16	1
N-Propylbenzene	ND		3.5		ug/Kg		07/13/16 13:35	07/13/16 20:16	1
Styrene	ND		3.5		ug/Kg		07/13/16 13:35	07/13/16 20:16	1
1,1,1,2-Tetrachloroethane	ND		3.5		ug/Kg		07/13/16 13:35	07/13/16 20:16	1

TestAmerica Pleasanton

Client Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73334-1

Client Sample ID: SB-6-10'

Lab Sample ID: 720-73334-14

Date Collected: 07/13/16 00:40

Matrix: Solid

Date Received: 07/13/16 11:04

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		3.5		ug/Kg		07/13/16 13:35	07/13/16 20:16	1
Tetrachloroethene	ND		3.5		ug/Kg		07/13/16 13:35	07/13/16 20:16	1
Toluene	ND		3.5		ug/Kg		07/13/16 13:35	07/13/16 20:16	1
1,2,3-Trichlorobenzene	ND		3.5		ug/Kg		07/13/16 13:35	07/13/16 20:16	1
1,2,4-Trichlorobenzene	ND		3.5		ug/Kg		07/13/16 13:35	07/13/16 20:16	1
1,1,1-Trichloroethane	ND		3.5		ug/Kg		07/13/16 13:35	07/13/16 20:16	1
1,1,2-Trichloroethane	ND		3.5		ug/Kg		07/13/16 13:35	07/13/16 20:16	1
Trichloroethene	ND		3.5		ug/Kg		07/13/16 13:35	07/13/16 20:16	1
Trichlorofluoromethane	ND		3.5		ug/Kg		07/13/16 13:35	07/13/16 20:16	1
1,2,3-Trichloropropane	ND		3.5		ug/Kg		07/13/16 13:35	07/13/16 20:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		3.5		ug/Kg		07/13/16 13:35	07/13/16 20:16	1
1,2,4-Trimethylbenzene	ND		3.5		ug/Kg		07/13/16 13:35	07/13/16 20:16	1
1,3,5-Trimethylbenzene	ND		3.5		ug/Kg		07/13/16 13:35	07/13/16 20:16	1
Vinyl acetate	ND		14		ug/Kg		07/13/16 13:35	07/13/16 20:16	1
Vinyl chloride	ND		3.5		ug/Kg		07/13/16 13:35	07/13/16 20:16	1
Xylenes, Total	ND		7.1		ug/Kg		07/13/16 13:35	07/13/16 20:16	1
2,2-Dichloropropane	ND		3.5		ug/Kg		07/13/16 13:35	07/13/16 20:16	1
Gasoline Range Organics (GRO) -C5-C12	ND		180		ug/Kg		07/13/16 13:35	07/13/16 20:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	89		45 - 131	07/13/16 13:35	07/13/16 20:16	1
1,2-Dichloroethane-d4 (Surr)	107		60 - 140	07/13/16 13:35	07/13/16 20:16	1
Toluene-d8 (Surr)	95		58 - 140	07/13/16 13:35	07/13/16 20:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		0.99		mg/Kg		07/13/16 15:18	07/14/16 04:11	1
Motor Oil Range Organics [C24-C36]	ND		49		mg/Kg		07/13/16 15:18	07/14/16 04:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
p-Terphenyl	96		40 - 130	07/13/16 15:18	07/14/16 04:11	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.1		mg/Kg		07/13/16 12:06	07/14/16 12:23	4
Arsenic	3.4		2.3		mg/Kg		07/13/16 12:06	07/14/16 12:23	4
Barium	87		1.1		mg/Kg		07/13/16 12:06	07/14/16 12:23	4
Beryllium	0.30		0.23		mg/Kg		07/13/16 12:06	07/14/16 12:23	4
Cadmium	ND		0.29		mg/Kg		07/13/16 12:06	07/14/16 12:23	4
Chromium	45		1.1		mg/Kg		07/13/16 12:06	07/14/16 12:23	4
Cobalt	12		0.46		mg/Kg		07/13/16 12:06	07/14/16 12:23	4
Copper	12		3.4		mg/Kg		07/13/16 12:06	07/14/16 12:23	4
Lead	3.8		1.1		mg/Kg		07/13/16 12:06	07/14/16 12:23	4
Molybdenum	ND		1.1		mg/Kg		07/13/16 12:06	07/14/16 12:23	4
Nickel	44		1.1		mg/Kg		07/13/16 12:06	07/14/16 12:23	4
Selenium	ND		2.3		mg/Kg		07/13/16 12:06	07/14/16 12:23	4
Silver	ND		0.57		mg/Kg		07/13/16 12:06	07/14/16 12:23	4
Thallium	ND		1.1		mg/Kg		07/13/16 12:06	07/14/16 12:23	4
Vanadium	37		1.1		mg/Kg		07/13/16 12:06	07/14/16 12:23	4
Zinc	29		3.4		mg/Kg		07/13/16 12:06	07/14/16 12:23	4

TestAmerica Pleasanton

Client Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73334-1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.057		0.0086		mg/Kg		07/13/16 12:32	07/14/16 16:20	1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Client Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73334-1

Client Sample ID: SB-6-15'

Date Collected: 07/13/16 00:50

Date Received: 07/13/16 11:04

Lab Sample ID: 720-73334-15

Matrix: Solid

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 20:45	1
Acetone	ND		37		ug/Kg		07/13/16 13:35	07/13/16 20:45	1
Benzene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 20:45	1
Dichlorobromomethane	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 20:45	1
Bromobenzene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 20:45	1
Chlorobromomethane	ND		15		ug/Kg		07/13/16 13:35	07/13/16 20:45	1
Bromoform	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 20:45	1
Bromomethane	ND		7.5		ug/Kg		07/13/16 13:35	07/13/16 20:45	1
2-Butanone (MEK)	ND		37		ug/Kg		07/13/16 13:35	07/13/16 20:45	1
n-Butylbenzene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 20:45	1
sec-Butylbenzene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 20:45	1
tert-Butylbenzene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 20:45	1
Carbon disulfide	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 20:45	1
Carbon tetrachloride	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 20:45	1
Chlorobenzene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 20:45	1
Chloroethane	ND		7.5		ug/Kg		07/13/16 13:35	07/13/16 20:45	1
Chloroform	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 20:45	1
Chloromethane	ND		7.5		ug/Kg		07/13/16 13:35	07/13/16 20:45	1
2-Chlorotoluene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 20:45	1
4-Chlorotoluene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 20:45	1
Chlorodibromomethane	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 20:45	1
1,2-Dichlorobenzene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 20:45	1
1,3-Dichlorobenzene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 20:45	1
1,4-Dichlorobenzene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 20:45	1
1,3-Dichloropropane	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 20:45	1
1,1-Dichloropropane	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 20:45	1
1,2-Dibromo-3-Chloropropane	ND		7.5		ug/Kg		07/13/16 13:35	07/13/16 20:45	1
Ethylene Dibromide	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 20:45	1
Dibromomethane	ND		7.5		ug/Kg		07/13/16 13:35	07/13/16 20:45	1
Dichlorodifluoromethane	ND		7.5		ug/Kg		07/13/16 13:35	07/13/16 20:45	1
1,1-Dichloroethane	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 20:45	1
1,2-Dichloroethane	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 20:45	1
1,1-Dichloroethene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 20:45	1
cis-1,2-Dichloroethene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 20:45	1
trans-1,2-Dichloroethene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 20:45	1
1,2-Dichloropropane	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 20:45	1
cis-1,3-Dichloropropene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 20:45	1
trans-1,3-Dichloropropene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 20:45	1
Ethylbenzene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 20:45	1
Hexachlorobutadiene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 20:45	1
2-Hexanone	ND		37		ug/Kg		07/13/16 13:35	07/13/16 20:45	1
Isopropylbenzene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 20:45	1
4-Isopropyltoluene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 20:45	1
Methylene Chloride	ND		7.5		ug/Kg		07/13/16 13:35	07/13/16 20:45	1
4-Methyl-2-pentanone (MIBK)	ND		37		ug/Kg		07/13/16 13:35	07/13/16 20:45	1
Naphthalene	ND		7.5		ug/Kg		07/13/16 13:35	07/13/16 20:45	1
N-Propylbenzene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 20:45	1
Styrene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 20:45	1
1,1,1,2-Tetrachloroethane	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 20:45	1

TestAmerica Pleasanton

Client Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73334-1

Client Sample ID: SB-6-15'

Lab Sample ID: 720-73334-15

Date Collected: 07/13/16 00:50

Matrix: Solid

Date Received: 07/13/16 11:04

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 20:45	1
Tetrachloroethene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 20:45	1
Toluene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 20:45	1
1,2,3-Trichlorobenzene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 20:45	1
1,2,4-Trichlorobenzene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 20:45	1
1,1,1-Trichloroethane	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 20:45	1
1,1,2-Trichloroethane	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 20:45	1
Trichloroethene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 20:45	1
Trichlorofluoromethane	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 20:45	1
1,2,3-Trichloropropane	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 20:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 20:45	1
1,2,4-Trimethylbenzene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 20:45	1
1,3,5-Trimethylbenzene	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 20:45	1
Vinyl acetate	ND		15		ug/Kg		07/13/16 13:35	07/13/16 20:45	1
Vinyl chloride	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 20:45	1
Xylenes, Total	ND		7.5		ug/Kg		07/13/16 13:35	07/13/16 20:45	1
2,2-Dichloropropane	ND		3.7		ug/Kg		07/13/16 13:35	07/13/16 20:45	1
Gasoline Range Organics (GRO) -C5-C12	ND		190		ug/Kg		07/13/16 13:35	07/13/16 20:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	90		45 - 131	07/13/16 13:35	07/13/16 20:45	1
1,2-Dichloroethane-d4 (Surr)	101		60 - 140	07/13/16 13:35	07/13/16 20:45	1
Toluene-d8 (Surr)	93		58 - 140	07/13/16 13:35	07/13/16 20:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		1.0		mg/Kg		07/13/16 15:18	07/14/16 04:40	1
Motor Oil Range Organics [C24-C36]	ND		50		mg/Kg		07/13/16 15:18	07/14/16 04:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
p-Terphenyl	91		40 - 130	07/13/16 15:18	07/14/16 04:40	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.9		mg/Kg		07/13/16 12:06	07/14/16 12:28	4
Arsenic	ND		3.7		mg/Kg		07/13/16 12:06	07/14/16 12:28	4
Barium	42		1.9		mg/Kg		07/13/16 12:06	07/14/16 12:28	4
Beryllium	ND		0.37		mg/Kg		07/13/16 12:06	07/14/16 12:28	4
Cadmium	ND		0.46		mg/Kg		07/13/16 12:06	07/14/16 12:28	4
Chromium	50		1.9		mg/Kg		07/13/16 12:06	07/14/16 12:28	4
Cobalt	6.9		0.74		mg/Kg		07/13/16 12:06	07/14/16 12:28	4
Copper	ND		5.6		mg/Kg		07/13/16 12:06	07/14/16 12:28	4
Lead	ND		1.9		mg/Kg		07/13/16 12:06	07/14/16 12:28	4
Molybdenum	ND		1.9		mg/Kg		07/13/16 12:06	07/14/16 12:28	4
Nickel	45		1.9		mg/Kg		07/13/16 12:06	07/14/16 12:28	4
Selenium	ND		3.7		mg/Kg		07/13/16 12:06	07/14/16 12:28	4
Silver	ND		0.93		mg/Kg		07/13/16 12:06	07/14/16 12:28	4
Thallium	ND		1.9		mg/Kg		07/13/16 12:06	07/14/16 12:28	4
Vanadium	31		1.9		mg/Kg		07/13/16 12:06	07/14/16 12:28	4
Zinc	22		5.6		mg/Kg		07/13/16 12:06	07/14/16 12:28	4

TestAmerica Pleasanton

Client Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73334-1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.019		0.0094		mg/Kg		07/13/16 17:08	07/14/16 15:01	1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Client Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73334-1

Client Sample ID: TB

Date Collected: 07/13/16 00:00

Date Received: 07/13/16 11:04

Lab Sample ID: 720-73334-16

Matrix: Water

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			07/13/16 20:28	1
Acetone	ND		50		ug/L			07/13/16 20:28	1
Benzene	ND		0.50		ug/L			07/13/16 20:28	1
Dichlorobromomethane	ND		0.50		ug/L			07/13/16 20:28	1
Bromobenzene	ND		1.0		ug/L			07/13/16 20:28	1
Chlorobromomethane	ND		1.0		ug/L			07/13/16 20:28	1
Bromoform	ND		1.0		ug/L			07/13/16 20:28	1
Bromomethane	ND		1.0		ug/L			07/13/16 20:28	1
2-Butanone (MEK)	ND		50		ug/L			07/13/16 20:28	1
n-Butylbenzene	ND		1.0		ug/L			07/13/16 20:28	1
sec-Butylbenzene	ND		1.0		ug/L			07/13/16 20:28	1
tert-Butylbenzene	ND		1.0		ug/L			07/13/16 20:28	1
Carbon disulfide	ND		5.0		ug/L			07/13/16 20:28	1
Carbon tetrachloride	ND		0.50		ug/L			07/13/16 20:28	1
Chlorobenzene	ND		0.50		ug/L			07/13/16 20:28	1
Chloroethane	ND		1.0		ug/L			07/13/16 20:28	1
Chloroform	ND		1.0		ug/L			07/13/16 20:28	1
Chloromethane	ND		1.0		ug/L			07/13/16 20:28	1
2-Chlorotoluene	ND		0.50		ug/L			07/13/16 20:28	1
4-Chlorotoluene	ND		0.50		ug/L			07/13/16 20:28	1
Chlorodibromomethane	ND		0.50		ug/L			07/13/16 20:28	1
1,2-Dichlorobenzene	ND		0.50		ug/L			07/13/16 20:28	1
1,3-Dichlorobenzene	ND		0.50		ug/L			07/13/16 20:28	1
1,4-Dichlorobenzene	ND		0.50		ug/L			07/13/16 20:28	1
1,3-Dichloropropane	ND		1.0		ug/L			07/13/16 20:28	1
1,1-Dichloropropene	ND		0.50		ug/L			07/13/16 20:28	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			07/13/16 20:28	1
Ethylene Dibromide	ND		0.50		ug/L			07/13/16 20:28	1
Dibromomethane	ND		0.50		ug/L			07/13/16 20:28	1
Dichlorodifluoromethane	ND		0.50		ug/L			07/13/16 20:28	1
1,1-Dichloroethane	ND		0.50		ug/L			07/13/16 20:28	1
1,2-Dichloroethane	ND		0.50		ug/L			07/13/16 20:28	1
1,1-Dichloroethene	ND		0.50		ug/L			07/13/16 20:28	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			07/13/16 20:28	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			07/13/16 20:28	1
1,2-Dichloropropane	ND		0.50		ug/L			07/13/16 20:28	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			07/13/16 20:28	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			07/13/16 20:28	1
Ethylbenzene	ND		0.50		ug/L			07/13/16 20:28	1
Hexachlorobutadiene	ND		1.0		ug/L			07/13/16 20:28	1
2-Hexanone	ND		50		ug/L			07/13/16 20:28	1
Isopropylbenzene	ND		0.50		ug/L			07/13/16 20:28	1
4-Isopropyltoluene	ND		1.0		ug/L			07/13/16 20:28	1
Methylene Chloride	ND		5.0		ug/L			07/13/16 20:28	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/13/16 20:28	1
Naphthalene	ND		1.0		ug/L			07/13/16 20:28	1
N-Propylbenzene	ND		1.0		ug/L			07/13/16 20:28	1
Styrene	ND		0.50		ug/L			07/13/16 20:28	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			07/13/16 20:28	1

TestAmerica Pleasanton

Client Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73334-1

Client Sample ID: TB

Lab Sample ID: 720-73334-16

Date Collected: 07/13/16 00:00

Matrix: Water

Date Received: 07/13/16 11:04

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			07/13/16 20:28	1
Tetrachloroethene	ND		0.50		ug/L			07/13/16 20:28	1
Toluene	ND		0.50		ug/L			07/13/16 20:28	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			07/13/16 20:28	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			07/13/16 20:28	1
1,1,1-Trichloroethane	ND		0.50		ug/L			07/13/16 20:28	1
1,1,2-Trichloroethane	ND		0.50		ug/L			07/13/16 20:28	1
Trichloroethene	ND		0.50		ug/L			07/13/16 20:28	1
Trichlorofluoromethane	ND		1.0		ug/L			07/13/16 20:28	1
1,2,3-Trichloropropane	ND		0.50		ug/L			07/13/16 20:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			07/13/16 20:28	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			07/13/16 20:28	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			07/13/16 20:28	1
Vinyl acetate	ND		10		ug/L			07/13/16 20:28	1
Vinyl chloride	ND		0.50		ug/L			07/13/16 20:28	1
Xylenes, Total	ND		1.0		ug/L			07/13/16 20:28	1
2,2-Dichloropropane	ND *		0.50		ug/L			07/13/16 20:28	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			07/13/16 20:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	107		67 - 130					07/13/16 20:28	1
1,2-Dichloroethane-d4 (Surr)	107		72 - 130					07/13/16 20:28	1
Toluene-d8 (Surr)	98		70 - 130					07/13/16 20:28	1

Surrogate Summary

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73334-1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	BFB (45-131)	12DCE (60-140)	TOL (58-140)
720-73334-1	SB-1-3'	94	106	97
720-73334-2	SB-1-9'	91	104	97
720-73334-3	SB-1-15'	91	108	96
720-73334-5	SB-7-1'	92	103	95
720-73334-6	SB-7-6'	90	101	95
720-73334-7	SB-7-12'	91	100	95
720-73334-9	SB-3-2'	88	102	95
720-73334-10	SB-3-7'	91	104	95
720-73334-11	SB-3-14'	90	101	95
720-73334-12	SB-10-1'	81	103	95
720-73334-13	SB-6-3'	88	101	94
720-73334-14	SB-6-10'	89	107	95
720-73334-15	SB-6-15'	90	101	93
LCS 720-205852/5	Lab Control Sample	95	97	97
LCS 720-205852/7	Lab Control Sample	94	101	97
LCSD 720-205852/6	Lab Control Sample Dup	96	98	98
LCSD 720-205852/8	Lab Control Sample Dup	95	101	98
MB 720-205852/4	Method Blank	92	98	95

Surrogate Legend

BFB = 4-Bromofluorobenzene
12DCE = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	BFB (67-130)	12DCE (72-130)	TOL (70-130)
720-73334-4	SB-1	104	112	99
720-73334-8	SB-7	107	113	102
720-73334-16	TB	107	107	98
LCS 720-205867/5	Lab Control Sample	104	109	101
LCS 720-205867/7	Lab Control Sample	105	113	101
LCSD 720-205867/6	Lab Control Sample Dup	104	106	101
LCSD 720-205867/8	Lab Control Sample Dup	107	109	100
MB 720-205867/4	Method Blank	104	110	99

Surrogate Legend

BFB = 4-Bromofluorobenzene
12DCE = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)

Surrogate Summary

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73334-1

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

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	NBZ (21-98)	FBP (30-112)	TPH (59-134)
720-73334-1	SB-1-3'	79	80	83
720-73334-6	SB-7-6'	79	79	78
720-73334-9	SB-3-2'	81	82	82
720-73334-12	SB-10-1'	65	68	68
LCS 720-205845/2-A	Lab Control Sample	79	78	91
MB 720-205845/1-A	Method Blank	92	91	92

Surrogate Legend

NBZ = Nitrobenzene-d5
FBP = 2-Fluorobiphenyl
TPH = Terphenyl-d14

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

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	PTP1 (40-130)
720-73334-1	SB-1-3'	95
720-73334-1 MS	SB-1-3'	89
720-73334-1 MSD	SB-1-3'	90
720-73334-2	SB-1-9'	93
720-73334-3	SB-1-15'	99
720-73334-5	SB-7-1'	95
720-73334-6	SB-7-6'	91
720-73334-7	SB-7-12'	99
720-73334-9	SB-3-2'	99
720-73334-10	SB-3-7'	96
720-73334-11	SB-3-14'	98
720-73334-12	SB-10-1'	103
720-73334-13	SB-6-3'	96
720-73334-14	SB-6-10'	96
720-73334-15	SB-6-15'	91
LCS 720-205879/2-A	Lab Control Sample	101
MB 720-205879/1-A	Method Blank	99

Surrogate Legend

PTP = p-Terphenyl

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

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	PTP1 (23-156)
720-73334-4	SB-1	85
720-73334-8	SB-7	77
LCS 720-205844/2-A	Lab Control Sample	110
LCS 720-205844/3-A	Lab Control Sample Dup	96
MB 720-205844/1-A	Method Blank	106

TestAmerica Pleasanton

Surrogate Summary

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73334-1

Surrogate Legend

PTP = p-Terphenyl

Method: 8081A - Organochlorine Pesticides (GC)

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TCX1	DCB1
		(57-122)	(21-136)
720-73334-1	SB-1-3'	91	105
720-73334-5	SB-7-1'	87	108
720-73334-9	SB-3-2'	91	106
720-73334-12	SB-10-1'	83	116
720-73334-13	SB-6-3'	86	110
LCS 720-205856/2-A	Lab Control Sample	90	97
MB 720-205856/1-A	Method Blank	91	100

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCB = DCB Decachlorobiphenyl

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

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TCX1	DCB1
		(45-132)	(42-146)
720-73334-1	SB-1-3'	83	67
720-73334-1 MS	SB-1-3'	86	101
720-73334-1 MSD	SB-1-3'	95	111
720-73334-5	SB-7-1'	81	99
720-73334-9	SB-3-2'	79	95
720-73334-12	SB-10-1'	77	89
720-73334-13	SB-6-3'	87	69
LCS 720-205871/2-A	Lab Control Sample	95	70
MB 720-205871/1-A	Method Blank	96	67

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCB = DCB Decachlorobiphenyl

QC Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73334-1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Lab Sample ID: MB 720-205852/4

Matrix: Solid

Analysis Batch: 205852

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		5.0		ug/Kg			07/13/16 12:27	1
Acetone	ND		50		ug/Kg			07/13/16 12:27	1
Benzene	ND		5.0		ug/Kg			07/13/16 12:27	1
Dichlorobromomethane	ND		5.0		ug/Kg			07/13/16 12:27	1
Bromobenzene	ND		5.0		ug/Kg			07/13/16 12:27	1
Chlorobromomethane	ND		20		ug/Kg			07/13/16 12:27	1
Bromoform	ND		5.0		ug/Kg			07/13/16 12:27	1
Bromomethane	ND		10		ug/Kg			07/13/16 12:27	1
2-Butanone (MEK)	ND		50		ug/Kg			07/13/16 12:27	1
n-Butylbenzene	ND		5.0		ug/Kg			07/13/16 12:27	1
sec-Butylbenzene	ND		5.0		ug/Kg			07/13/16 12:27	1
tert-Butylbenzene	ND		5.0		ug/Kg			07/13/16 12:27	1
Carbon disulfide	ND		5.0		ug/Kg			07/13/16 12:27	1
Carbon tetrachloride	ND		5.0		ug/Kg			07/13/16 12:27	1
Chlorobenzene	ND		5.0		ug/Kg			07/13/16 12:27	1
Chloroethane	ND		10		ug/Kg			07/13/16 12:27	1
Chloroform	ND		5.0		ug/Kg			07/13/16 12:27	1
Chloromethane	ND		10		ug/Kg			07/13/16 12:27	1
2-Chlorotoluene	ND		5.0		ug/Kg			07/13/16 12:27	1
4-Chlorotoluene	ND		5.0		ug/Kg			07/13/16 12:27	1
Chlorodibromomethane	ND		5.0		ug/Kg			07/13/16 12:27	1
1,2-Dichlorobenzene	ND		5.0		ug/Kg			07/13/16 12:27	1
1,3-Dichlorobenzene	ND		5.0		ug/Kg			07/13/16 12:27	1
1,4-Dichlorobenzene	ND		5.0		ug/Kg			07/13/16 12:27	1
1,3-Dichloropropane	ND		5.0		ug/Kg			07/13/16 12:27	1
1,1-Dichloropropene	ND		5.0		ug/Kg			07/13/16 12:27	1
1,2-Dibromo-3-Chloropropane	ND		10		ug/Kg			07/13/16 12:27	1
Ethylene Dibromide	ND		5.0		ug/Kg			07/13/16 12:27	1
Dibromomethane	ND		10		ug/Kg			07/13/16 12:27	1
Dichlorodifluoromethane	ND		10		ug/Kg			07/13/16 12:27	1
1,1-Dichloroethane	ND		5.0		ug/Kg			07/13/16 12:27	1
1,2-Dichloroethane	ND		5.0		ug/Kg			07/13/16 12:27	1
1,1-Dichloroethene	ND		5.0		ug/Kg			07/13/16 12:27	1
cis-1,2-Dichloroethene	ND		5.0		ug/Kg			07/13/16 12:27	1
trans-1,2-Dichloroethene	ND		5.0		ug/Kg			07/13/16 12:27	1
1,2-Dichloropropane	ND		5.0		ug/Kg			07/13/16 12:27	1
cis-1,3-Dichloropropene	ND		5.0		ug/Kg			07/13/16 12:27	1
trans-1,3-Dichloropropene	ND		5.0		ug/Kg			07/13/16 12:27	1
Ethylbenzene	ND		5.0		ug/Kg			07/13/16 12:27	1
Hexachlorobutadiene	ND		5.0		ug/Kg			07/13/16 12:27	1
2-Hexanone	ND		50		ug/Kg			07/13/16 12:27	1
Isopropylbenzene	ND		5.0		ug/Kg			07/13/16 12:27	1
4-Isopropyltoluene	ND		5.0		ug/Kg			07/13/16 12:27	1
Methylene Chloride	ND		10		ug/Kg			07/13/16 12:27	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/Kg			07/13/16 12:27	1
Naphthalene	ND		10		ug/Kg			07/13/16 12:27	1
N-Propylbenzene	ND		5.0		ug/Kg			07/13/16 12:27	1
Styrene	ND		5.0		ug/Kg			07/13/16 12:27	1

TestAmerica Pleasanton

QC Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73334-1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: MB 720-205852/4
Matrix: Solid
Analysis Batch: 205852

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0		ug/Kg			07/13/16 12:27	1
1,1,2,2-Tetrachloroethane	ND		5.0		ug/Kg			07/13/16 12:27	1
Tetrachloroethene	ND		5.0		ug/Kg			07/13/16 12:27	1
Toluene	ND		5.0		ug/Kg			07/13/16 12:27	1
1,2,3-Trichlorobenzene	ND		5.0		ug/Kg			07/13/16 12:27	1
1,2,4-Trichlorobenzene	ND		5.0		ug/Kg			07/13/16 12:27	1
1,1,1-Trichloroethane	ND		5.0		ug/Kg			07/13/16 12:27	1
1,1,2-Trichloroethane	ND		5.0		ug/Kg			07/13/16 12:27	1
Trichloroethene	ND		5.0		ug/Kg			07/13/16 12:27	1
Trichlorofluoromethane	ND		5.0		ug/Kg			07/13/16 12:27	1
1,2,3-Trichloropropane	ND		5.0		ug/Kg			07/13/16 12:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0		ug/Kg			07/13/16 12:27	1
1,2,4-Trimethylbenzene	ND		5.0		ug/Kg			07/13/16 12:27	1
1,3,5-Trimethylbenzene	ND		5.0		ug/Kg			07/13/16 12:27	1
Vinyl acetate	ND		20		ug/Kg			07/13/16 12:27	1
Vinyl chloride	ND		5.0		ug/Kg			07/13/16 12:27	1
Xylenes, Total	ND		10		ug/Kg			07/13/16 12:27	1
2,2-Dichloropropane	ND		5.0		ug/Kg			07/13/16 12:27	1
Gasoline Range Organics (GRO) -C5-C12	ND		250		ug/Kg			07/13/16 12:27	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	92		45 - 131		07/13/16 12:27	1
1,2-Dichloroethane-d4 (Surr)	98		60 - 140		07/13/16 12:27	1
Toluene-d8 (Surr)	95		58 - 140		07/13/16 12:27	1

Lab Sample ID: LCS 720-205852/5
Matrix: Solid
Analysis Batch: 205852

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl tert-butyl ether	50.0	52.3		ug/Kg		105	70 - 144
Acetone	250	221		ug/Kg		88	30 - 162
Benzene	50.0	49.2		ug/Kg		98	70 - 130
Dichlorobromomethane	50.0	51.7		ug/Kg		103	70 - 140
Bromobenzene	50.0	47.8		ug/Kg		96	70 - 130
Chlorobromomethane	50.0	49.0		ug/Kg		98	70 - 130
Bromoform	50.0	53.0		ug/Kg		106	59 - 158
Bromomethane	50.0	51.8		ug/Kg		104	59 - 132
2-Butanone (MEK)	250	219		ug/Kg		88	53 - 133
n-Butylbenzene	50.0	50.8		ug/Kg		102	70 - 142
sec-Butylbenzene	50.0	51.3		ug/Kg		103	70 - 136
tert-Butylbenzene	50.0	49.5		ug/Kg		99	70 - 130
Carbon disulfide	50.0	48.6		ug/Kg		97	60 - 140
Carbon tetrachloride	50.0	57.1		ug/Kg		114	70 - 142
Chlorobenzene	50.0	47.7		ug/Kg		95	70 - 130
Chloroethane	50.0	50.7		ug/Kg		101	65 - 130
Chloroform	50.0	49.2		ug/Kg		98	77 - 127

TestAmerica Pleasanton

QC Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73334-1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCS 720-205852/5
Matrix: Solid
Analysis Batch: 205852

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloromethane	50.0	52.1		ug/Kg		104	55 - 140
2-Chlorotoluene	50.0	49.4		ug/Kg		99	70 - 138
4-Chlorotoluene	50.0	49.7		ug/Kg		99	70 - 136
Chlorodibromomethane	50.0	51.5		ug/Kg		103	70 - 146
1,2-Dichlorobenzene	50.0	48.9		ug/Kg		98	70 - 130
1,3-Dichlorobenzene	50.0	48.6		ug/Kg		97	70 - 131
1,4-Dichlorobenzene	50.0	48.1		ug/Kg		96	70 - 130
1,3-Dichloropropane	50.0	49.9		ug/Kg		100	70 - 140
1,1-Dichloropropene	50.0	49.8		ug/Kg		100	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	50.7		ug/Kg		101	60 - 145
Ethylene Dibromide	50.0	52.0		ug/Kg		104	70 - 140
Dibromomethane	50.0	50.6		ug/Kg		101	70 - 139
Dichlorodifluoromethane	50.0	55.4		ug/Kg		111	37 - 158
1,1-Dichloroethane	50.0	48.8		ug/Kg		98	70 - 130
1,2-Dichloroethane	50.0	50.1		ug/Kg		100	70 - 130
1,1-Dichloroethene	50.0	46.3		ug/Kg		93	74 - 122
cis-1,2-Dichloroethene	50.0	50.3		ug/Kg		101	70 - 138
trans-1,2-Dichloroethene	50.0	49.2		ug/Kg		98	67 - 130
1,2-Dichloropropane	50.0	50.5		ug/Kg		101	73 - 127
cis-1,3-Dichloropropene	50.0	52.4		ug/Kg		105	68 - 147
trans-1,3-Dichloropropene	50.0	51.7		ug/Kg		103	70 - 155
Ethylbenzene	50.0	49.5		ug/Kg		99	80 - 137
Hexachlorobutadiene	50.0	45.4		ug/Kg		91	70 - 132
2-Hexanone	250	229		ug/Kg		91	44 - 133
Isopropylbenzene	50.0	51.2		ug/Kg		102	70 - 130
4-Isopropyltoluene	50.0	49.8		ug/Kg		100	70 - 133
Methylene Chloride	50.0	49.3		ug/Kg		99	70 - 134
4-Methyl-2-pentanone (MIBK)	250	231		ug/Kg		93	60 - 160
Naphthalene	50.0	49.7		ug/Kg		99	60 - 147
N-Propylbenzene	50.0	51.2		ug/Kg		102	70 - 130
Styrene	50.0	50.5		ug/Kg		101	70 - 130
1,1,1,2-Tetrachloroethane	50.0	49.1		ug/Kg		98	70 - 130
1,1,1,2-Tetrachloroethane	50.0	51.3		ug/Kg		103	70 - 146
Tetrachloroethene	50.0	47.5		ug/Kg		95	70 - 132
Toluene	50.0	48.6		ug/Kg		97	75 - 120
1,2,3-Trichlorobenzene	50.0	45.5		ug/Kg		91	60 - 140
1,2,4-Trichlorobenzene	50.0	46.6		ug/Kg		93	60 - 140
1,1,1-Trichloroethane	50.0	51.8		ug/Kg		104	70 - 130
1,1,2-Trichloroethane	50.0	50.9		ug/Kg		102	70 - 130
Trichloroethene	50.0	48.0		ug/Kg		96	70 - 133
Trichlorofluoromethane	50.0	49.3		ug/Kg		99	60 - 140
1,2,3-Trichloropropane	50.0	50.4		ug/Kg		101	70 - 146
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	47.2		ug/Kg		94	60 - 140
1,2,4-Trimethylbenzene	50.0	50.1		ug/Kg		100	70 - 130
1,3,5-Trimethylbenzene	50.0	50.3		ug/Kg		101	70 - 131
Vinyl acetate	50.0	57.3		ug/Kg		115	38 - 176
Vinyl chloride	50.0	51.9		ug/Kg		104	58 - 125

TestAmerica Pleasanton

QC Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73334-1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCS 720-205852/5
Matrix: Solid
Analysis Batch: 205852

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
m-Xylene & p-Xylene	50.0	49.3		ug/Kg		99	70 - 146
o-Xylene	50.0	49.9		ug/Kg		100	70 - 140
2,2-Dichloropropane	50.0	49.6		ug/Kg		99	70 - 162

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	95		45 - 131
1,2-Dichloroethane-d4 (Surr)	97		60 - 140
Toluene-d8 (Surr)	97		58 - 140

Lab Sample ID: LCS 720-205852/7
Matrix: Solid
Analysis Batch: 205852

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO) -C5-C12	1000	1010		ug/Kg		101	61 - 128

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	94		45 - 131
1,2-Dichloroethane-d4 (Surr)	101		60 - 140
Toluene-d8 (Surr)	97		58 - 140

Lab Sample ID: LCSD 720-205852/6
Matrix: Solid
Analysis Batch: 205852

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Methyl tert-butyl ether	50.0	53.9		ug/Kg		108	70 - 144	3	20
Acetone	250	214		ug/Kg		86	30 - 162	3	30
Benzene	50.0	49.7		ug/Kg		99	70 - 130	1	20
Dichlorobromomethane	50.0	51.6		ug/Kg		103	70 - 140	0	20
Bromobenzene	50.0	47.6		ug/Kg		95	70 - 130	0	20
Chlorobromomethane	50.0	49.4		ug/Kg		99	70 - 130	1	20
Bromoform	50.0	53.7		ug/Kg		107	59 - 158	1	20
Bromomethane	50.0	51.7		ug/Kg		103	59 - 132	0	20
2-Butanone (MEK)	250	215		ug/Kg		86	53 - 133	2	20
n-Butylbenzene	50.0	50.8		ug/Kg		102	70 - 142	0	20
sec-Butylbenzene	50.0	51.5		ug/Kg		103	70 - 136	0	20
tert-Butylbenzene	50.0	49.9		ug/Kg		100	70 - 130	1	20
Carbon disulfide	50.0	49.1		ug/Kg		98	60 - 140	1	20
Carbon tetrachloride	50.0	57.9		ug/Kg		116	70 - 142	1	20
Chlorobenzene	50.0	47.9		ug/Kg		96	70 - 130	0	20
Chloroethane	50.0	51.3		ug/Kg		103	65 - 130	1	20
Chloroform	50.0	49.7		ug/Kg		99	77 - 127	1	20
Chloromethane	50.0	53.5		ug/Kg		107	55 - 140	3	20
2-Chlorotoluene	50.0	49.5		ug/Kg		99	70 - 138	0	20
4-Chlorotoluene	50.0	49.8		ug/Kg		100	70 - 136	0	20
Chlorodibromomethane	50.0	51.7		ug/Kg		103	70 - 146	0	20

TestAmerica Pleasanton

QC Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73334-1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCSD 720-205852/6
Matrix: Solid
Analysis Batch: 205852

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2-Dichlorobenzene	50.0	49.1		ug/Kg		98	70 - 130	1	20
1,3-Dichlorobenzene	50.0	48.2		ug/Kg		96	70 - 131	1	20
1,4-Dichlorobenzene	50.0	48.6		ug/Kg		97	70 - 130	1	20
1,3-Dichloropropane	50.0	50.2		ug/Kg		100	70 - 140	1	20
1,1-Dichloropropene	50.0	50.1		ug/Kg		100	70 - 130	1	20
1,2-Dibromo-3-Chloropropane	50.0	49.1		ug/Kg		98	60 - 145	3	20
Ethylene Dibromide	50.0	52.2		ug/Kg		104	70 - 140	0	20
Dibromomethane	50.0	50.7		ug/Kg		101	70 - 139	0	20
Dichlorodifluoromethane	50.0	55.8		ug/Kg		112	37 - 158	1	20
1,1-Dichloroethane	50.0	49.3		ug/Kg		99	70 - 130	1	20
1,2-Dichloroethane	50.0	50.5		ug/Kg		101	70 - 130	1	20
1,1-Dichloroethene	50.0	47.3		ug/Kg		95	74 - 122	2	20
cis-1,2-Dichloroethene	50.0	51.1		ug/Kg		102	70 - 138	2	20
trans-1,2-Dichloroethene	50.0	49.6		ug/Kg		99	67 - 130	1	20
1,2-Dichloropropane	50.0	51.0		ug/Kg		102	73 - 127	1	20
cis-1,3-Dichloropropene	50.0	53.1		ug/Kg		106	68 - 147	1	20
trans-1,3-Dichloropropene	50.0	51.7		ug/Kg		103	70 - 155	0	20
Ethylbenzene	50.0	49.8		ug/Kg		100	80 - 137	1	20
Hexachlorobutadiene	50.0	45.0		ug/Kg		90	70 - 132	1	20
2-Hexanone	250	224		ug/Kg		90	44 - 133	2	20
Isopropylbenzene	50.0	51.7		ug/Kg		103	70 - 130	1	20
4-Isopropyltoluene	50.0	50.1		ug/Kg		100	70 - 133	1	20
Methylene Chloride	50.0	50.4		ug/Kg		101	70 - 134	2	20
4-Methyl-2-pentanone (MIBK)	250	226		ug/Kg		91	60 - 160	2	20
Naphthalene	50.0	50.1		ug/Kg		100	60 - 147	1	20
N-Propylbenzene	50.0	51.3		ug/Kg		103	70 - 130	0	20
Styrene	50.0	51.0		ug/Kg		102	70 - 130	1	20
1,1,1,2-Tetrachloroethane	50.0	49.1		ug/Kg		98	70 - 130	0	20
1,1,2,2-Tetrachloroethane	50.0	50.4		ug/Kg		101	70 - 146	2	20
Tetrachloroethene	50.0	48.0		ug/Kg		96	70 - 132	1	20
Toluene	50.0	49.0		ug/Kg		98	75 - 120	1	20
1,2,3-Trichlorobenzene	50.0	46.2		ug/Kg		92	60 - 140	2	20
1,2,4-Trichlorobenzene	50.0	46.9		ug/Kg		94	60 - 140	1	20
1,1,1-Trichloroethane	50.0	52.5		ug/Kg		105	70 - 130	1	20
1,1,2-Trichloroethane	50.0	50.4		ug/Kg		101	70 - 130	1	20
Trichloroethene	50.0	48.2		ug/Kg		96	70 - 133	0	20
Trichlorofluoromethane	50.0	49.3		ug/Kg		99	60 - 140	0	20
1,2,3-Trichloropropane	50.0	50.9		ug/Kg		102	70 - 146	1	20
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	48.6		ug/Kg		97	60 - 140	3	20
1,2,4-Trimethylbenzene	50.0	50.4		ug/Kg		101	70 - 130	0	20
1,3,5-Trimethylbenzene	50.0	50.5		ug/Kg		101	70 - 131	0	20
Vinyl acetate	50.0	57.1		ug/Kg		114	38 - 176	0	20
Vinyl chloride	50.0	50.9		ug/Kg		102	58 - 125	2	20
m-Xylene & p-Xylene	50.0	49.6		ug/Kg		99	70 - 146	1	20
o-Xylene	50.0	49.7		ug/Kg		99	70 - 140	0	20
2,2-Dichloropropane	50.0	50.1		ug/Kg		100	70 - 162	1	20

TestAmerica Pleasanton

QC Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73334-1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCSD 720-205852/6
Matrix: Solid
Analysis Batch: 205852

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene	96		45 - 131
1,2-Dichloroethane-d4 (Surr)	98		60 - 140
Toluene-d8 (Surr)	98		58 - 140

Lab Sample ID: LCSD 720-205852/8
Matrix: Solid
Analysis Batch: 205852

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD		Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
		Result	Qualifier						
Gasoline Range Organics (GRO) -C5-C12	1000	1010		ug/Kg		101	61 - 128	0	20

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene	95		45 - 131
1,2-Dichloroethane-d4 (Surr)	101		60 - 140
Toluene-d8 (Surr)	98		58 - 140

Lab Sample ID: MB 720-205867/4
Matrix: Water
Analysis Batch: 205867

Client Sample ID: Method Blank
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			07/13/16 17:46	1
Acetone	ND		50		ug/L			07/13/16 17:46	1
Benzene	ND		0.50		ug/L			07/13/16 17:46	1
Dichlorobromomethane	ND		0.50		ug/L			07/13/16 17:46	1
Bromobenzene	ND		1.0		ug/L			07/13/16 17:46	1
Chlorobromomethane	ND		1.0		ug/L			07/13/16 17:46	1
Bromoform	ND		1.0		ug/L			07/13/16 17:46	1
Bromomethane	ND		1.0		ug/L			07/13/16 17:46	1
2-Butanone (MEK)	ND		50		ug/L			07/13/16 17:46	1
n-Butylbenzene	ND		1.0		ug/L			07/13/16 17:46	1
sec-Butylbenzene	ND		1.0		ug/L			07/13/16 17:46	1
tert-Butylbenzene	ND		1.0		ug/L			07/13/16 17:46	1
Carbon disulfide	ND		5.0		ug/L			07/13/16 17:46	1
Carbon tetrachloride	ND		0.50		ug/L			07/13/16 17:46	1
Chlorobenzene	ND		0.50		ug/L			07/13/16 17:46	1
Chloroethane	ND		1.0		ug/L			07/13/16 17:46	1
Chloroform	ND		1.0		ug/L			07/13/16 17:46	1
Chloromethane	ND		1.0		ug/L			07/13/16 17:46	1
2-Chlorotoluene	ND		0.50		ug/L			07/13/16 17:46	1
4-Chlorotoluene	ND		0.50		ug/L			07/13/16 17:46	1
Chlorodibromomethane	ND		0.50		ug/L			07/13/16 17:46	1
1,2-Dichlorobenzene	ND		0.50		ug/L			07/13/16 17:46	1
1,3-Dichlorobenzene	ND		0.50		ug/L			07/13/16 17:46	1
1,4-Dichlorobenzene	ND		0.50		ug/L			07/13/16 17:46	1
1,3-Dichloropropane	ND		1.0		ug/L			07/13/16 17:46	1
1,1-Dichloropropene	ND		0.50		ug/L			07/13/16 17:46	1

TestAmerica Pleasanton

QC Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73334-1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: MB 720-205867/4
Matrix: Water
Analysis Batch: 205867

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			07/13/16 17:46	1
Ethylene Dibromide	ND		0.50		ug/L			07/13/16 17:46	1
Dibromomethane	ND		0.50		ug/L			07/13/16 17:46	1
Dichlorodifluoromethane	ND		0.50		ug/L			07/13/16 17:46	1
1,1-Dichloroethane	ND		0.50		ug/L			07/13/16 17:46	1
1,2-Dichloroethane	ND		0.50		ug/L			07/13/16 17:46	1
1,1-Dichloroethene	ND		0.50		ug/L			07/13/16 17:46	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			07/13/16 17:46	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			07/13/16 17:46	1
1,2-Dichloropropane	ND		0.50		ug/L			07/13/16 17:46	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			07/13/16 17:46	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			07/13/16 17:46	1
Ethylbenzene	ND		0.50		ug/L			07/13/16 17:46	1
Hexachlorobutadiene	ND		1.0		ug/L			07/13/16 17:46	1
2-Hexanone	ND		50		ug/L			07/13/16 17:46	1
Isopropylbenzene	ND		0.50		ug/L			07/13/16 17:46	1
4-Isopropyltoluene	ND		1.0		ug/L			07/13/16 17:46	1
Methylene Chloride	ND		5.0		ug/L			07/13/16 17:46	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/13/16 17:46	1
Naphthalene	ND		1.0		ug/L			07/13/16 17:46	1
N-Propylbenzene	ND		1.0		ug/L			07/13/16 17:46	1
Styrene	ND		0.50		ug/L			07/13/16 17:46	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			07/13/16 17:46	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			07/13/16 17:46	1
Tetrachloroethene	ND		0.50		ug/L			07/13/16 17:46	1
Toluene	ND		0.50		ug/L			07/13/16 17:46	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			07/13/16 17:46	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			07/13/16 17:46	1
1,1,1-Trichloroethane	ND		0.50		ug/L			07/13/16 17:46	1
1,1,2-Trichloroethane	ND		0.50		ug/L			07/13/16 17:46	1
Trichloroethene	ND		0.50		ug/L			07/13/16 17:46	1
Trichlorofluoromethane	ND		1.0		ug/L			07/13/16 17:46	1
1,2,3-Trichloropropane	ND		0.50		ug/L			07/13/16 17:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			07/13/16 17:46	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			07/13/16 17:46	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			07/13/16 17:46	1
Vinyl acetate	ND		10		ug/L			07/13/16 17:46	1
Vinyl chloride	ND		0.50		ug/L			07/13/16 17:46	1
Xylenes, Total	ND		1.0		ug/L			07/13/16 17:46	1
2,2-Dichloropropane	ND		0.50		ug/L			07/13/16 17:46	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			07/13/16 17:46	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	104		67 - 130		07/13/16 17:46	1
1,2-Dichloroethane-d4 (Surr)	110		72 - 130		07/13/16 17:46	1
Toluene-d8 (Surr)	99		70 - 130		07/13/16 17:46	1

TestAmerica Pleasanton

QC Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73334-1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCS 720-205867/5

Matrix: Water

Analysis Batch: 205867

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl tert-butyl ether	25.0	27.9		ug/L		111	62 - 130
Acetone	125	106		ug/L		85	26 - 180
Benzene	25.0	25.9		ug/L		103	79 - 130
Dichlorobromomethane	25.0	29.5		ug/L		118	70 - 130
Bromobenzene	25.0	25.3		ug/L		101	70 - 130
Chlorobromomethane	25.0	27.4		ug/L		110	70 - 130
Bromoform	25.0	26.8		ug/L		107	68 - 136
Bromomethane	25.0	28.6		ug/L		114	43 - 151
2-Butanone (MEK)	125	111		ug/L		89	54 - 130
n-Butylbenzene	25.0	27.8		ug/L		111	70 - 142
sec-Butylbenzene	25.0	26.6		ug/L		106	70 - 134
tert-Butylbenzene	25.0	26.1		ug/L		104	70 - 135
Carbon disulfide	25.0	26.3		ug/L		105	58 - 130
Carbon tetrachloride	25.0	32.4		ug/L		130	70 - 146
Chlorobenzene	25.0	25.9		ug/L		104	70 - 130
Chloroethane	25.0	26.3		ug/L		105	62 - 138
Chloroform	25.0	29.0		ug/L		116	70 - 130
Chloromethane	25.0	25.6		ug/L		103	52 - 175
2-Chlorotoluene	25.0	26.2		ug/L		105	70 - 130
4-Chlorotoluene	25.0	26.5		ug/L		106	70 - 130
Chlorodibromomethane	25.0	27.9		ug/L		111	70 - 145
1,2-Dichlorobenzene	25.0	25.0		ug/L		100	70 - 130
1,3-Dichlorobenzene	25.0	25.5		ug/L		102	70 - 130
1,4-Dichlorobenzene	25.0	25.8		ug/L		103	70 - 130
1,3-Dichloropropane	25.0	27.1		ug/L		108	70 - 130
1,1-Dichloropropene	25.0	28.0		ug/L		112	70 - 130
1,2-Dibromo-3-Chloropropane	25.0	28.3		ug/L		113	70 - 136
Ethylene Dibromide	25.0	28.3		ug/L		113	70 - 130
Dibromomethane	25.0	28.7		ug/L		115	70 - 130
Dichlorodifluoromethane	25.0	35.4		ug/L		141	32 - 158
1,1-Dichloroethane	25.0	25.6		ug/L		102	70 - 130
1,2-Dichloroethane	25.0	30.4		ug/L		122	61 - 132
1,1-Dichloroethene	25.0	26.0		ug/L		104	64 - 128
cis-1,2-Dichloroethene	25.0	26.6		ug/L		107	70 - 130
trans-1,2-Dichloroethene	25.0	27.9		ug/L		112	68 - 130
1,2-Dichloropropane	25.0	24.7		ug/L		99	70 - 130
cis-1,3-Dichloropropene	25.0	28.3		ug/L		113	70 - 130
trans-1,3-Dichloropropene	25.0	27.1		ug/L		108	70 - 140
Ethylbenzene	25.0	27.0		ug/L		108	80 - 120
Hexachlorobutadiene	25.0	29.4		ug/L		117	70 - 130
2-Hexanone	125	99.2		ug/L		79	60 - 164
Isopropylbenzene	25.0	26.9		ug/L		108	70 - 130
4-Isopropyltoluene	25.0	26.9		ug/L		108	70 - 130
Methylene Chloride	25.0	24.7		ug/L		99	70 - 147
4-Methyl-2-pentanone (MIBK)	125	97.8		ug/L		78	58 - 130
Naphthalene	25.0	25.3		ug/L		101	50 - 130
N-Propylbenzene	25.0	27.2		ug/L		109	70 - 130
Styrene	25.0	25.4		ug/L		102	70 - 130

TestAmerica Pleasanton

QC Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73334-1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCS 720-205867/5
Matrix: Water
Analysis Batch: 205867

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	25.0	27.3		ug/L		109	70 - 130
1,1,2,2-Tetrachloroethane	25.0	24.3		ug/L		97	70 - 130
Tetrachloroethene	25.0	28.5		ug/L		114	70 - 130
Toluene	25.0	25.3		ug/L		101	78 - 120
1,2,3-Trichlorobenzene	25.0	26.2		ug/L		105	70 - 130
1,2,4-Trichlorobenzene	25.0	27.7		ug/L		111	70 - 130
1,1,1-Trichloroethane	25.0	31.8		ug/L		127	70 - 130
1,1,2-Trichloroethane	25.0	27.7		ug/L		111	70 - 130
Trichloroethene	25.0	28.0		ug/L		112	70 - 130
Trichlorofluoromethane	25.0	31.2		ug/L		125	66 - 132
1,2,3-Trichloropropane	25.0	26.3		ug/L		105	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	28.9		ug/L		116	42 - 162
1,2,4-Trimethylbenzene	25.0	27.0		ug/L		108	70 - 132
1,3,5-Trimethylbenzene	25.0	27.0		ug/L		108	70 - 130
Vinyl acetate	25.0	29.1		ug/L		116	43 - 163
Vinyl chloride	25.0	27.1		ug/L		108	54 - 135
m-Xylene & p-Xylene	25.0	27.1		ug/L		108	70 - 142
o-Xylene	25.0	25.9		ug/L		104	70 - 130
2,2-Dichloropropane	25.0	35.5	*	ug/L		142	70 - 140

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	104		67 - 130
1,2-Dichloroethane-d4 (Surr)	109		72 - 130
Toluene-d8 (Surr)	101		70 - 130

Lab Sample ID: LCS 720-205867/7
Matrix: Water
Analysis Batch: 205867

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO) -C5-C12	500	518		ug/L		104	71 - 125

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	105		67 - 130
1,2-Dichloroethane-d4 (Surr)	113		72 - 130
Toluene-d8 (Surr)	101		70 - 130

Lab Sample ID: LCSD 720-205867/6
Matrix: Water
Analysis Batch: 205867

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Methyl tert-butyl ether	25.0	28.3		ug/L		113	62 - 130	2	20
Acetone	125	114		ug/L		91	26 - 180	7	30
Benzene	25.0	25.9		ug/L		104	79 - 130	0	20
Dichlorobromomethane	25.0	29.7		ug/L		119	70 - 130	1	20

TestAmerica Pleasanton

QC Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73334-1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCSD 720-205867/6
Matrix: Water
Analysis Batch: 205867

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Bromobenzene	25.0	26.1		ug/L		104	70 - 130	3	20
Chlorobromomethane	25.0	27.8		ug/L		111	70 - 130	1	20
Bromoform	25.0	27.0		ug/L		108	68 - 136	1	20
Bromomethane	25.0	28.5		ug/L		114	43 - 151	0	20
2-Butanone (MEK)	125	113		ug/L		90	54 - 130	2	20
n-Butylbenzene	25.0	28.2		ug/L		113	70 - 142	2	20
sec-Butylbenzene	25.0	27.0		ug/L		108	70 - 134	2	20
tert-Butylbenzene	25.0	26.7		ug/L		107	70 - 135	3	20
Carbon disulfide	25.0	26.4		ug/L		106	58 - 130	0	20
Carbon tetrachloride	25.0	32.1		ug/L		129	70 - 146	1	20
Chlorobenzene	25.0	26.5		ug/L		106	70 - 130	2	20
Chloroethane	25.0	26.3		ug/L		105	62 - 138	0	20
Chloroform	25.0	29.0		ug/L		116	70 - 130	0	20
Chloromethane	25.0	24.8		ug/L		99	52 - 175	3	20
2-Chlorotoluene	25.0	26.7		ug/L		107	70 - 130	2	20
4-Chlorotoluene	25.0	27.0		ug/L		108	70 - 130	2	20
Chlorodibromomethane	25.0	27.7		ug/L		111	70 - 145	1	20
1,2-Dichlorobenzene	25.0	26.0		ug/L		104	70 - 130	4	20
1,3-Dichlorobenzene	25.0	26.1		ug/L		104	70 - 130	2	20
1,4-Dichlorobenzene	25.0	26.2		ug/L		105	70 - 130	1	20
1,3-Dichloropropane	25.0	26.7		ug/L		107	70 - 130	2	20
1,1-Dichloropropane	25.0	27.7		ug/L		111	70 - 130	1	20
1,2-Dibromo-3-Chloropropane	25.0	29.0		ug/L		116	70 - 136	2	20
Ethylene Dibromide	25.0	28.8		ug/L		115	70 - 130	2	20
Dibromomethane	25.0	28.7		ug/L		115	70 - 130	0	20
Dichlorodifluoromethane	25.0	32.5		ug/L		130	32 - 158	8	20
1,1-Dichloroethane	25.0	25.8		ug/L		103	70 - 130	1	20
1,2-Dichloroethane	25.0	29.7		ug/L		119	61 - 132	2	20
1,1-Dichloroethene	25.0	25.5		ug/L		102	64 - 128	2	20
cis-1,2-Dichloroethene	25.0	26.6		ug/L		106	70 - 130	0	20
trans-1,2-Dichloroethene	25.0	27.9		ug/L		112	68 - 130	0	20
1,2-Dichloropropane	25.0	25.4		ug/L		102	70 - 130	3	20
cis-1,3-Dichloropropene	25.0	28.4		ug/L		114	70 - 130	0	20
trans-1,3-Dichloropropene	25.0	26.9		ug/L		108	70 - 140	1	20
Ethylbenzene	25.0	27.3		ug/L		109	80 - 120	1	20
Hexachlorobutadiene	25.0	29.8		ug/L		119	70 - 130	2	20
2-Hexanone	125	101		ug/L		81	60 - 164	2	20
Isopropylbenzene	25.0	27.0		ug/L		108	70 - 130	0	20
4-Isopropyltoluene	25.0	27.3		ug/L		109	70 - 130	1	20
Methylene Chloride	25.0	24.6		ug/L		98	70 - 147	1	20
4-Methyl-2-pentanone (MIBK)	125	100		ug/L		80	58 - 130	2	20
Naphthalene	25.0	26.3		ug/L		105	50 - 130	4	20
N-Propylbenzene	25.0	27.6		ug/L		110	70 - 130	1	20
Styrene	25.0	25.8		ug/L		103	70 - 130	2	20
1,1,1,2-Tetrachloroethane	25.0	27.6		ug/L		111	70 - 130	1	20
1,1,2,2-Tetrachloroethane	25.0	24.8		ug/L		99	70 - 130	2	20
Tetrachloroethene	25.0	28.2		ug/L		113	70 - 130	1	20
Toluene	25.0	25.7		ug/L		103	78 - 120	2	20

TestAmerica Pleasanton

QC Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73334-1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCSD 720-205867/6
Matrix: Water
Analysis Batch: 205867

Client Sample ID: Lab Control Sample Dup
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	26.8		ug/L		107	70 - 130	2	20
1,2,4-Trichlorobenzene	25.0	28.1		ug/L		112	70 - 130	2	20
1,1,1-Trichloroethane	25.0	31.5		ug/L		126	70 - 130	1	20
1,1,2-Trichloroethane	25.0	27.7		ug/L		111	70 - 130	0	20
Trichloroethene	25.0	28.4		ug/L		113	70 - 130	1	20
Trichlorofluoromethane	25.0	30.5		ug/L		122	66 - 132	2	20
1,2,3-Trichloropropane	25.0	26.5		ug/L		106	70 - 130	1	20
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	29.1		ug/L		116	42 - 162	1	20
1,2,4-Trimethylbenzene	25.0	27.4		ug/L		110	70 - 132	2	20
1,3,5-Trimethylbenzene	25.0	27.6		ug/L		110	70 - 130	2	20
Vinyl acetate	25.0	29.3		ug/L		117	43 - 163	1	20
Vinyl chloride	25.0	27.8		ug/L		111	54 - 135	2	20
m-Xylene & p-Xylene	25.0	27.6		ug/L		110	70 - 142	2	20
o-Xylene	25.0	26.5		ug/L		106	70 - 130	2	20
2,2-Dichloropropane	25.0	34.4		ug/L		138	70 - 140	3	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene	104		67 - 130
1,2-Dichloroethane-d4 (Surr)	106		72 - 130
Toluene-d8 (Surr)	101		70 - 130

Lab Sample ID: LCSD 720-205867/8
Matrix: Water
Analysis Batch: 205867

Client Sample ID: Lab Control Sample Dup
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	515		ug/L		103	71 - 125	1	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene	107		67 - 130
1,2-Dichloroethane-d4 (Surr)	109		72 - 130
Toluene-d8 (Surr)	100		70 - 130

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

Lab Sample ID: MB 720-205845/1-A
Matrix: Solid
Analysis Batch: 205840

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 205845

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		0.067		mg/Kg		07/13/16 09:59	07/13/16 18:33	1
Acenaphthylene	ND		0.067		mg/Kg		07/13/16 09:59	07/13/16 18:33	1
Acenaphthene	ND		0.067		mg/Kg		07/13/16 09:59	07/13/16 18:33	1
Fluorene	ND		0.067		mg/Kg		07/13/16 09:59	07/13/16 18:33	1
Phenanthrene	ND		0.067		mg/Kg		07/13/16 09:59	07/13/16 18:33	1
Anthracene	ND		0.067		mg/Kg		07/13/16 09:59	07/13/16 18:33	1

TestAmerica Pleasanton

QC Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73334-1

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

Lab Sample ID: MB 720-205845/1-A
Matrix: Solid
Analysis Batch: 205840

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 205845

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	ND		0.067		mg/Kg		07/13/16 09:59	07/13/16 18:33	1
Pyrene	ND		0.067		mg/Kg		07/13/16 09:59	07/13/16 18:33	1
Benzo[a]anthracene	ND		0.33		mg/Kg		07/13/16 09:59	07/13/16 18:33	1
Chrysene	ND		0.067		mg/Kg		07/13/16 09:59	07/13/16 18:33	1
Benzo[b]fluoranthene	ND		0.067		mg/Kg		07/13/16 09:59	07/13/16 18:33	1
Benzo[k]fluoranthene	ND		0.067		mg/Kg		07/13/16 09:59	07/13/16 18:33	1
Benzo[a]pyrene	ND		0.067		mg/Kg		07/13/16 09:59	07/13/16 18:33	1
Indeno[1,2,3-cd]pyrene	ND		0.067		mg/Kg		07/13/16 09:59	07/13/16 18:33	1
Benzo[g,h,i]perylene	ND		0.067		mg/Kg		07/13/16 09:59	07/13/16 18:33	1
Dibenz(a,h)anthracene	ND		0.067		mg/Kg		07/13/16 09:59	07/13/16 18:33	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	92		21 - 98	07/13/16 09:59	07/13/16 18:33	1
2-Fluorobiphenyl	91		30 - 112	07/13/16 09:59	07/13/16 18:33	1
Terphenyl-d14	92		59 - 134	07/13/16 09:59	07/13/16 18:33	1

Lab Sample ID: LCS 720-205845/2-A
Matrix: Solid
Analysis Batch: 205840

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 205845

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Naphthalene	1.33	1.09		mg/Kg		81	44 - 115
Acenaphthylene	1.33	1.11		mg/Kg		84	61 - 129
Acenaphthene	1.33	1.20		mg/Kg		90	50 - 115
Fluorene	1.33	1.16		mg/Kg		87	54 - 115
Phenanthrene	1.33	1.20		mg/Kg		90	54 - 115
Anthracene	1.33	1.17		mg/Kg		88	55 - 115
Fluoranthene	1.33	1.17		mg/Kg		88	52 - 130
Pyrene	1.33	1.31		mg/Kg		98	48 - 115
Benzo[a]anthracene	1.33	1.19		mg/Kg		89	55 - 115
Chrysene	1.33	1.24		mg/Kg		93	58 - 115
Benzo[b]fluoranthene	1.33	1.20		mg/Kg		90	50 - 119
Benzo[k]fluoranthene	1.33	1.24		mg/Kg		93	55 - 120
Benzo[a]pyrene	1.33	1.24		mg/Kg		93	57 - 122
Indeno[1,2,3-cd]pyrene	1.33	1.19		mg/Kg		89	56 - 115
Benzo[g,h,i]perylene	1.33	1.16		mg/Kg		87	56 - 115
Dibenz(a,h)anthracene	1.33	1.19		mg/Kg		89	57 - 121

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Nitrobenzene-d5	79		21 - 98
2-Fluorobiphenyl	78		30 - 112
Terphenyl-d14	91		59 - 134

TestAmerica Pleasanton

QC Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73334-1

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

Lab Sample ID: MB 720-205844/1-A
Matrix: Water
Analysis Batch: 205828

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 205844

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		50		ug/L		07/13/16 09:59	07/14/16 00:21	1
Motor Oil Range Organics [C24-C36]	ND		99		ug/L		07/13/16 09:59	07/14/16 00:21	1
Surrogate	%Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
p-Terphenyl	106		23 - 156				07/13/16 09:59	07/14/16 00:21	1

Lab Sample ID: LCS 720-205844/2-A
Matrix: Water
Analysis Batch: 205828

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 205844

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits		
Diesel Range Organics [C10-C28]	2500	2030		ug/L		81	34 - 115		
Surrogate		%Recovery	LCS Qualifier	Limits					
p-Terphenyl		110		23 - 156					

Lab Sample ID: LCSD 720-205844/3-A
Matrix: Water
Analysis Batch: 205828

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 205844

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Diesel Range Organics [C10-C28]	2500	2120		ug/L		85	34 - 115	4	35
Surrogate		%Recovery	LCSD Qualifier	Limits					
p-Terphenyl		96		23 - 156					

Lab Sample ID: MB 720-205879/1-A
Matrix: Solid
Analysis Batch: 205832

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 205879

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		1.0		mg/Kg		07/13/16 15:18	07/14/16 01:45	1
Motor Oil Range Organics [C24-C36]	ND		50		mg/Kg		07/13/16 15:18	07/14/16 01:45	1
Surrogate	%Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
p-Terphenyl	99		40 - 130				07/13/16 15:18	07/14/16 01:45	1

Lab Sample ID: LCS 720-205879/2-A
Matrix: Solid
Analysis Batch: 205832

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 205879

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits		
Diesel Range Organics [C10-C28]	83.3	70.7		mg/Kg		85	50 - 150		

TestAmerica Pleasanton

QC Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73334-1

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

Lab Sample ID: LCS 720-205879/2-A
Matrix: Solid
Analysis Batch: 205832

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 205879

Surrogate	LCS %Recovery	LCS Qualifier	Limits
p-Terphenyl	101		40 - 130

Lab Sample ID: 720-73334-1 MS
Matrix: Solid
Analysis Batch: 205831

Client Sample ID: SB-1-3'
Prep Type: Total/NA
Prep Batch: 205879

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics [C10-C28]	ND		82.3	63.5		mg/Kg		77	50 - 150
Surrogate	MS %Recovery	MS Qualifier	Limits						
p-Terphenyl	89		40 - 130						

Lab Sample ID: 720-73334-1 MSD
Matrix: Solid
Analysis Batch: 205831

Client Sample ID: SB-1-3'
Prep Type: Total/NA
Prep Batch: 205879

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	ND		82.5	66.8		mg/Kg		80	50 - 150	5	30
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
p-Terphenyl	90		40 - 130								

Method: 8081A - Organochlorine Pesticides (GC)

Lab Sample ID: MB 720-205856/1-A
Matrix: Solid
Analysis Batch: 205869

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 205856

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		2.0		ug/Kg		07/13/16 11:39	07/13/16 20:51	1
Dieldrin	ND		2.0		ug/Kg		07/13/16 11:39	07/13/16 20:51	1
Endrin aldehyde	ND		2.0		ug/Kg		07/13/16 11:39	07/13/16 20:51	1
Endrin	ND		2.0		ug/Kg		07/13/16 11:39	07/13/16 20:51	1
Endrin ketone	ND		2.0		ug/Kg		07/13/16 11:39	07/13/16 20:51	1
Heptachlor	ND		2.0		ug/Kg		07/13/16 11:39	07/13/16 20:51	1
Heptachlor epoxide	ND		2.0		ug/Kg		07/13/16 11:39	07/13/16 20:51	1
4,4'-DDT	ND		2.0		ug/Kg		07/13/16 11:39	07/13/16 20:51	1
4,4'-DDE	ND		2.0		ug/Kg		07/13/16 11:39	07/13/16 20:51	1
4,4'-DDD	ND		2.0		ug/Kg		07/13/16 11:39	07/13/16 20:51	1
Endosulfan I	ND		2.0		ug/Kg		07/13/16 11:39	07/13/16 20:51	1
Endosulfan II	ND		2.0		ug/Kg		07/13/16 11:39	07/13/16 20:51	1
alpha-BHC	ND		2.0		ug/Kg		07/13/16 11:39	07/13/16 20:51	1
beta-BHC	ND		2.0		ug/Kg		07/13/16 11:39	07/13/16 20:51	1
gamma-BHC (Lindane)	ND		2.0		ug/Kg		07/13/16 11:39	07/13/16 20:51	1
delta-BHC	ND		2.0		ug/Kg		07/13/16 11:39	07/13/16 20:51	1
Endosulfan sulfate	ND		2.0		ug/Kg		07/13/16 11:39	07/13/16 20:51	1

TestAmerica Pleasanton

QC Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73334-1

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: MB 720-205856/1-A
Matrix: Solid
Analysis Batch: 205869

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 205856

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	ND		2.0		ug/Kg		07/13/16 11:39	07/13/16 20:51	1
Toxaphene	ND		40		ug/Kg		07/13/16 11:39	07/13/16 20:51	1
Chlordane (technical)	ND		40		ug/Kg		07/13/16 11:39	07/13/16 20:51	1
alpha-Chlordane	ND		2.0		ug/Kg		07/13/16 11:39	07/13/16 20:51	1
gamma-Chlordane	ND		2.0		ug/Kg		07/13/16 11:39	07/13/16 20:51	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	91		57 - 122	07/13/16 11:39	07/13/16 20:51	1
DCB Decachlorobiphenyl	100		21 - 136	07/13/16 11:39	07/13/16 20:51	1

Lab Sample ID: LCS 720-205856/2-A
Matrix: Solid
Analysis Batch: 205869

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 205856

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aldrin	16.7	13.2		ug/Kg		79	65 - 120
Dieldrin	16.7	16.0		ug/Kg		96	72 - 120
Endrin aldehyde	16.7	16.2		ug/Kg		97	68 - 120
Endrin	16.7	16.7		ug/Kg		100	68 - 120
Endrin ketone	16.7	17.9		ug/Kg		108	84 - 133
Heptachlor	16.7	15.7		ug/Kg		94	69 - 120
Heptachlor epoxide	16.7	16.3		ug/Kg		98	68 - 120
4,4'-DDT	16.7	17.3		ug/Kg		104	63 - 127
4,4'-DDE	16.7	16.9		ug/Kg		101	84 - 126
4,4'-DDD	16.7	16.9		ug/Kg		101	85 - 128
Endosulfan I	16.7	16.3		ug/Kg		98	62 - 120
Endosulfan II	16.7	16.8		ug/Kg		101	65 - 120
alpha-BHC	16.7	15.6		ug/Kg		94	62 - 120
beta-BHC	16.7	18.5		ug/Kg		111	74 - 124
gamma-BHC (Lindane)	16.7	15.9		ug/Kg		95	72 - 120
delta-BHC	16.7	15.4		ug/Kg		92	43 - 125
Endosulfan sulfate	16.7	16.8		ug/Kg		101	74 - 121
Methoxychlor	16.7	16.5		ug/Kg		99	71 - 132
alpha-Chlordane	16.7	15.8		ug/Kg		95	70 - 120
gamma-Chlordane	16.7	15.7		ug/Kg		94	68 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	90		57 - 122
DCB Decachlorobiphenyl	97		21 - 136

QC Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73334-1

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

Lab Sample ID: MB 720-205871/1-A
Matrix: Solid
Analysis Batch: 205834

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 205871

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		50		ug/Kg		07/13/16 14:28	07/13/16 19:47	1
PCB-1221	ND		50		ug/Kg		07/13/16 14:28	07/13/16 19:47	1
PCB-1232	ND		50		ug/Kg		07/13/16 14:28	07/13/16 19:47	1
PCB-1242	ND		50		ug/Kg		07/13/16 14:28	07/13/16 19:47	1
PCB-1248	ND		50		ug/Kg		07/13/16 14:28	07/13/16 19:47	1
PCB-1254	ND		50		ug/Kg		07/13/16 14:28	07/13/16 19:47	1
PCB-1260	ND		50		ug/Kg		07/13/16 14:28	07/13/16 19:47	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	96		45 - 132	07/13/16 14:28	07/13/16 19:47	1
DCB Decachlorobiphenyl	67		42 - 146	07/13/16 14:28	07/13/16 19:47	1

Lab Sample ID: LCS 720-205871/2-A
Matrix: Solid
Analysis Batch: 205834

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 205871

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
PCB-1016	133	116		ug/Kg		87	65 - 121
PCB-1260	133	98.9		ug/Kg		74	68 - 127

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	95		45 - 132
DCB Decachlorobiphenyl	70		42 - 146

Lab Sample ID: 720-73334-1 MS
Matrix: Solid
Analysis Batch: 205917

Client Sample ID: SB-1-3'
Prep Type: Total/NA
Prep Batch: 205871

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
PCB-1016	ND		130	128		ug/Kg		98	69 - 120
PCB-1260	ND		130	124		ug/Kg		95	73 - 114

Surrogate	MS %Recovery	MS Qualifier	Limits
Tetrachloro-m-xylene	86		45 - 132
DCB Decachlorobiphenyl	101		42 - 146

Lab Sample ID: 720-73334-1 MSD
Matrix: Solid
Analysis Batch: 205917

Client Sample ID: SB-1-3'
Prep Type: Total/NA
Prep Batch: 205871

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	RPD Limit
PCB-1016	ND		130	135		ug/Kg		104	69 - 120	6	20
PCB-1260	ND		130	136		ug/Kg		104	73 - 114	9	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Tetrachloro-m-xylene	95		45 - 132
DCB Decachlorobiphenyl	111		42 - 146

TestAmerica Pleasanton

QC Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73334-1

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 720-205857/1-A
Matrix: Solid
Analysis Batch: 205947

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 205857

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.50		mg/Kg		07/13/16 12:06	07/14/16 10:55	1
Arsenic	ND		1.0		mg/Kg		07/13/16 12:06	07/14/16 10:55	1
Barium	ND		0.50		mg/Kg		07/13/16 12:06	07/14/16 10:55	1
Beryllium	ND		0.10		mg/Kg		07/13/16 12:06	07/14/16 10:55	1
Cadmium	ND		0.13		mg/Kg		07/13/16 12:06	07/14/16 10:55	1
Chromium	ND		0.50		mg/Kg		07/13/16 12:06	07/14/16 10:55	1
Cobalt	ND		0.20		mg/Kg		07/13/16 12:06	07/14/16 10:55	1
Copper	ND		1.5		mg/Kg		07/13/16 12:06	07/14/16 10:55	1
Lead	ND		0.50		mg/Kg		07/13/16 12:06	07/14/16 10:55	1
Molybdenum	ND		0.50		mg/Kg		07/13/16 12:06	07/14/16 10:55	1
Nickel	ND		0.50		mg/Kg		07/13/16 12:06	07/14/16 10:55	1
Selenium	ND		1.0		mg/Kg		07/13/16 12:06	07/14/16 10:55	1
Silver	ND		0.25		mg/Kg		07/13/16 12:06	07/14/16 10:55	1
Thallium	ND		0.50		mg/Kg		07/13/16 12:06	07/14/16 10:55	1
Vanadium	ND		0.50		mg/Kg		07/13/16 12:06	07/14/16 10:55	1
Zinc	ND		1.5		mg/Kg		07/13/16 12:06	07/14/16 10:55	1

Lab Sample ID: LCS 720-205857/2-A
Matrix: Solid
Analysis Batch: 205947

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 205857

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Antimony	50.0	50.8		mg/Kg		102	80 - 120
Arsenic	50.0	50.6		mg/Kg		101	80 - 120
Barium	50.0	48.3		mg/Kg		97	80 - 120
Beryllium	50.0	47.7		mg/Kg		95	80 - 120
Cadmium	50.0	50.7		mg/Kg		101	80 - 120
Chromium	50.0	49.9		mg/Kg		100	80 - 120
Cobalt	50.0	52.1		mg/Kg		104	80 - 120
Copper	50.0	49.6		mg/Kg		99	80 - 120
Lead	50.0	52.8		mg/Kg		106	80 - 120
Molybdenum	50.0	51.6		mg/Kg		103	80 - 120
Nickel	50.0	52.6		mg/Kg		105	80 - 120
Selenium	50.0	50.0		mg/Kg		100	80 - 120
Silver	25.0	23.9		mg/Kg		96	80 - 120
Thallium	50.0	51.7		mg/Kg		103	80 - 120
Vanadium	50.0	48.5		mg/Kg		97	80 - 120
Zinc	50.0	50.6		mg/Kg		101	80 - 120

Lab Sample ID: MB 720-205862/1-A
Matrix: Solid
Analysis Batch: 205972

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 205862

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.50		mg/Kg		07/13/16 13:17	07/14/16 15:29	1
Arsenic	ND		1.0		mg/Kg		07/13/16 13:17	07/14/16 15:29	1
Barium	ND		0.50		mg/Kg		07/13/16 13:17	07/14/16 15:29	1
Beryllium	ND		0.10		mg/Kg		07/13/16 13:17	07/14/16 15:29	1

TestAmerica Pleasanton

QC Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73334-1

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

Lab Sample ID: MB 720-205862/1-A
Matrix: Solid
Analysis Batch: 205972

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 205862

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	ND		0.13		mg/Kg		07/13/16 13:17	07/14/16 15:29	1
Chromium	ND		0.50		mg/Kg		07/13/16 13:17	07/14/16 15:29	1
Cobalt	ND		0.20		mg/Kg		07/13/16 13:17	07/14/16 15:29	1
Copper	ND		1.5		mg/Kg		07/13/16 13:17	07/14/16 15:29	1
Lead	ND		0.50		mg/Kg		07/13/16 13:17	07/14/16 15:29	1
Molybdenum	ND		0.50		mg/Kg		07/13/16 13:17	07/14/16 15:29	1
Nickel	ND		0.50		mg/Kg		07/13/16 13:17	07/14/16 15:29	1
Selenium	ND		1.0		mg/Kg		07/13/16 13:17	07/14/16 15:29	1
Silver	ND		0.25		mg/Kg		07/13/16 13:17	07/14/16 15:29	1
Thallium	ND		0.50		mg/Kg		07/13/16 13:17	07/14/16 15:29	1
Vanadium	ND		0.50		mg/Kg		07/13/16 13:17	07/14/16 15:29	1
Zinc	ND		1.5		mg/Kg		07/13/16 13:17	07/14/16 15:29	1

Lab Sample ID: LCS 720-205862/2-A
Matrix: Solid
Analysis Batch: 205972

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 205862

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Antimony	50.0	45.9		mg/Kg		92	80 - 120
Arsenic	50.0	50.0		mg/Kg		100	80 - 120
Barium	50.0	52.8		mg/Kg		106	80 - 120
Beryllium	50.0	51.4		mg/Kg		103	80 - 120
Cadmium	50.0	48.3		mg/Kg		97	80 - 120
Chromium	50.0	49.2		mg/Kg		98	80 - 120
Cobalt	50.0	50.2		mg/Kg		100	80 - 120
Copper	50.0	49.1		mg/Kg		98	80 - 120
Lead	50.0	51.0		mg/Kg		102	80 - 120
Molybdenum	50.0	48.1		mg/Kg		96	80 - 120
Nickel	50.0	48.9		mg/Kg		98	80 - 120
Selenium	50.0	45.6		mg/Kg		91	80 - 120
Silver	25.0	24.4		mg/Kg		98	80 - 120
Thallium	50.0	47.6		mg/Kg		95	80 - 120
Vanadium	50.0	51.4		mg/Kg		103	80 - 120
Zinc	50.0	49.3		mg/Kg		99	80 - 120

Lab Sample ID: MB 720-205872/1-A
Matrix: Water
Analysis Batch: 205949

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 205872

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.010		mg/L		07/13/16 14:32	07/14/16 11:07	1
Arsenic	ND		0.010		mg/L		07/13/16 14:32	07/14/16 11:07	1
Barium	ND		0.050		mg/L		07/13/16 14:32	07/14/16 11:07	1
Beryllium	ND		0.0020		mg/L		07/13/16 14:32	07/14/16 11:07	1
Cadmium	ND		0.0020		mg/L		07/13/16 14:32	07/14/16 11:07	1
Chromium	ND		0.010		mg/L		07/13/16 14:32	07/14/16 11:07	1
Cobalt	ND		0.0020		mg/L		07/13/16 14:32	07/14/16 11:07	1
Copper	ND		0.020		mg/L		07/13/16 14:32	07/14/16 11:07	1
Lead	ND		0.0050		mg/L		07/13/16 14:32	07/14/16 11:07	1

TestAmerica Pleasanton

QC Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73334-1

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

Lab Sample ID: MB 720-205872/1-A
Matrix: Water
Analysis Batch: 205949

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 205872

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Molybdenum	ND		0.010		mg/L		07/13/16 14:32	07/14/16 11:07	1
Nickel	ND		0.010		mg/L		07/13/16 14:32	07/14/16 11:07	1
Selenium	ND		0.020		mg/L		07/13/16 14:32	07/14/16 11:07	1
Silver	ND		0.0050		mg/L		07/13/16 14:32	07/14/16 11:07	1
Thallium	ND		0.010		mg/L		07/13/16 14:32	07/14/16 11:07	1
Vanadium	ND		0.010		mg/L		07/13/16 14:32	07/14/16 11:07	1
Zinc	ND		0.020		mg/L		07/13/16 14:32	07/14/16 11:07	1

Lab Sample ID: LCS 720-205872/2-A
Matrix: Water
Analysis Batch: 205949

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 205872

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Antimony	1.00	0.975		mg/L		97	80 - 120
Arsenic	1.00	0.980		mg/L		98	80 - 120
Barium	1.00	0.970		mg/L		97	80 - 120
Beryllium	1.00	1.01		mg/L		101	80 - 120
Cadmium	1.00	0.985		mg/L		98	80 - 120
Chromium	1.00	0.985		mg/L		98	80 - 120
Cobalt	1.00	0.997		mg/L		100	80 - 120
Copper	1.00	0.988		mg/L		99	80 - 120
Lead	1.00	0.994		mg/L		99	80 - 120
Molybdenum	1.00	0.989		mg/L		99	80 - 120
Nickel	1.00	1.00		mg/L		100	80 - 120
Selenium	1.00	0.999		mg/L		100	80 - 120
Silver	0.500	0.486		mg/L		97	80 - 120
Thallium	1.00	1.01		mg/L		101	80 - 120
Vanadium	1.00	0.969		mg/L		97	80 - 120
Zinc	1.00	0.987		mg/L		99	80 - 120

Lab Sample ID: MB 720-205788/1-B
Matrix: Water
Analysis Batch: 205949

Client Sample ID: Method Blank
Prep Type: Dissolved
Prep Batch: 205872

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.010		mg/L		07/13/16 14:32	07/14/16 11:13	1
Arsenic	ND		0.010		mg/L		07/13/16 14:32	07/14/16 11:13	1
Barium	ND		0.050		mg/L		07/13/16 14:32	07/14/16 11:13	1
Beryllium	ND		0.0020		mg/L		07/13/16 14:32	07/14/16 11:13	1
Cadmium	ND		0.0020		mg/L		07/13/16 14:32	07/14/16 11:13	1
Chromium	ND		0.010		mg/L		07/13/16 14:32	07/14/16 11:13	1
Cobalt	ND		0.0020		mg/L		07/13/16 14:32	07/14/16 11:13	1
Copper	ND		0.020		mg/L		07/13/16 14:32	07/14/16 11:13	1
Lead	ND		0.0050		mg/L		07/13/16 14:32	07/14/16 11:13	1
Molybdenum	ND		0.010		mg/L		07/13/16 14:32	07/14/16 11:13	1
Nickel	ND		0.010		mg/L		07/13/16 14:32	07/14/16 11:13	1
Selenium	ND		0.020		mg/L		07/13/16 14:32	07/14/16 11:13	1
Silver	ND		0.0050		mg/L		07/13/16 14:32	07/14/16 11:13	1
Thallium	ND		0.010		mg/L		07/13/16 14:32	07/14/16 11:13	1

TestAmerica Pleasanton

QC Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73334-1

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

Lab Sample ID: MB 720-205788/1-B
Matrix: Water
Analysis Batch: 205949

Client Sample ID: Method Blank
Prep Type: Dissolved
Prep Batch: 205872

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vanadium	ND		0.010		mg/L		07/13/16 14:32	07/14/16 11:13	1
Zinc	ND		0.020		mg/L		07/13/16 14:32	07/14/16 11:13	1

Lab Sample ID: MB 720-205882/1-B
Matrix: Water
Analysis Batch: 205949

Client Sample ID: Method Blank
Prep Type: Dissolved
Prep Batch: 205872

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.010		mg/L		07/13/16 16:53	07/14/16 12:18	1
Arsenic	ND		0.010		mg/L		07/13/16 16:53	07/14/16 12:18	1
Barium	ND		0.050		mg/L		07/13/16 16:53	07/14/16 12:18	1
Beryllium	ND		0.0020		mg/L		07/13/16 16:53	07/14/16 12:18	1
Cadmium	ND		0.0020		mg/L		07/13/16 16:53	07/14/16 12:18	1
Chromium	ND		0.010		mg/L		07/13/16 16:53	07/14/16 12:18	1
Cobalt	ND		0.0020		mg/L		07/13/16 16:53	07/14/16 12:18	1
Copper	ND		0.020		mg/L		07/13/16 16:53	07/14/16 12:18	1
Lead	ND		0.0050		mg/L		07/13/16 16:53	07/14/16 12:18	1
Molybdenum	ND		0.010		mg/L		07/13/16 16:53	07/14/16 12:18	1
Nickel	ND		0.010		mg/L		07/13/16 16:53	07/14/16 12:18	1
Selenium	ND		0.020		mg/L		07/13/16 16:53	07/14/16 12:18	1
Silver	ND		0.0050		mg/L		07/13/16 16:53	07/14/16 12:18	1
Thallium	ND		0.010		mg/L		07/13/16 16:53	07/14/16 12:18	1
Vanadium	ND		0.010		mg/L		07/13/16 16:53	07/14/16 12:18	1
Zinc	ND		0.020		mg/L		07/13/16 16:53	07/14/16 12:18	1

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 720-205890/1-A
Matrix: Water
Analysis Batch: 205944

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 205890

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		07/13/16 18:08	07/14/16 10:18	1

Lab Sample ID: LCS 720-205890/2-A
Matrix: Water
Analysis Batch: 205944

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 205890

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.0100	0.00946		mg/L		95	85 - 115

Lab Sample ID: MB 720-205882/1-C
Matrix: Water
Analysis Batch: 205944

Client Sample ID: Method Blank
Prep Type: Dissolved
Prep Batch: 205890

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		07/13/16 18:08	07/14/16 10:40	1

TestAmerica Pleasanton

QC Sample Results

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73334-1

Method: 7471A - Mercury (CVAA)

Lab Sample ID: MB 720-205860/1-A
Matrix: Solid
Analysis Batch: 205971

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 205860

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.010		mg/Kg		07/13/16 12:32	07/14/16 15:43	1

Lab Sample ID: LCS 720-205860/2-A
Matrix: Solid
Analysis Batch: 205971

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 205860

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Mercury	0.833	0.819		mg/Kg		98	80 - 120

Lab Sample ID: MB 720-205884/1-A
Matrix: Solid
Analysis Batch: 205963

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 205884

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.010		mg/Kg		07/13/16 17:08	07/14/16 13:53	1

Lab Sample ID: LCS 720-205884/2-A
Matrix: Solid
Analysis Batch: 205963

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 205884

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Mercury	0.833	0.803		mg/Kg		96	80 - 120

QC Association Summary

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73334-1

GC/MS VOA

Prep Batch: 205851

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-73334-1	SB-1-3'	Total/NA	Solid	5035	
720-73334-2	SB-1-9'	Total/NA	Solid	5035	
720-73334-3	SB-1-15'	Total/NA	Solid	5035	
720-73334-5	SB-7-1'	Total/NA	Solid	5035	
720-73334-6	SB-7-6'	Total/NA	Solid	5035	
720-73334-7	SB-7-12'	Total/NA	Solid	5035	
720-73334-9	SB-3-2'	Total/NA	Solid	5035	
720-73334-10	SB-3-7'	Total/NA	Solid	5035	
720-73334-11	SB-3-14'	Total/NA	Solid	5035	
720-73334-12	SB-10-1'	Total/NA	Solid	5035	
720-73334-13	SB-6-3'	Total/NA	Solid	5035	
720-73334-14	SB-6-10'	Total/NA	Solid	5035	
720-73334-15	SB-6-15'	Total/NA	Solid	5035	

Analysis Batch: 205852

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-73334-1	SB-1-3'	Total/NA	Solid	8260B/CA_LUFT MS	205851
720-73334-2	SB-1-9'	Total/NA	Solid	8260B/CA_LUFT MS	205851
720-73334-3	SB-1-15'	Total/NA	Solid	8260B/CA_LUFT MS	205851
720-73334-5	SB-7-1'	Total/NA	Solid	8260B/CA_LUFT MS	205851
720-73334-6	SB-7-6'	Total/NA	Solid	8260B/CA_LUFT MS	205851
720-73334-7	SB-7-12'	Total/NA	Solid	8260B/CA_LUFT MS	205851
720-73334-9	SB-3-2'	Total/NA	Solid	8260B/CA_LUFT MS	205851
720-73334-10	SB-3-7'	Total/NA	Solid	8260B/CA_LUFT MS	205851
720-73334-11	SB-3-14'	Total/NA	Solid	8260B/CA_LUFT MS	205851
720-73334-12	SB-10-1'	Total/NA	Solid	8260B/CA_LUFT MS	205851
720-73334-13	SB-6-3'	Total/NA	Solid	8260B/CA_LUFT MS	205851
720-73334-14	SB-6-10'	Total/NA	Solid	8260B/CA_LUFT MS	205851
720-73334-15	SB-6-15'	Total/NA	Solid	8260B/CA_LUFT MS	205851
LCS 720-205852/5	Lab Control Sample	Total/NA	Solid	8260B/CA_LUFT MS	
LCS 720-205852/7	Lab Control Sample	Total/NA	Solid	8260B/CA_LUFT MS	
LCSD 720-205852/6	Lab Control Sample Dup	Total/NA	Solid	8260B/CA_LUFT MS	
LCSD 720-205852/8	Lab Control Sample Dup	Total/NA	Solid	8260B/CA_LUFT MS	
MB 720-205852/4	Method Blank	Total/NA	Solid	8260B/CA_LUFT MS	

TestAmerica Pleasanton

QC Association Summary

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73334-1

GC/MS VOA (Continued)

Analysis Batch: 205867

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-73334-4	SB-1	Total/NA	Water	8260B/CA_LUFT MS	
720-73334-8	SB-7	Total/NA	Water	8260B/CA_LUFT MS	
720-73334-16	TB	Total/NA	Water	8260B/CA_LUFT MS	
LCS 720-205867/5	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
LCS 720-205867/7	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
LCSD 720-205867/6	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFT MS	
LCSD 720-205867/8	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFT MS	
MB 720-205867/4	Method Blank	Total/NA	Water	8260B/CA_LUFT MS	

GC/MS Semi VOA

Analysis Batch: 205840

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-73334-1	SB-1-3'	Total/NA	Solid	8270C	205845
720-73334-6	SB-7-6'	Total/NA	Solid	8270C	205845
720-73334-9	SB-3-2'	Total/NA	Solid	8270C	205845
720-73334-12	SB-10-1'	Total/NA	Solid	8270C	205845
LCS 720-205845/2-A	Lab Control Sample	Total/NA	Solid	8270C	205845
MB 720-205845/1-A	Method Blank	Total/NA	Solid	8270C	205845

Prep Batch: 205845

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-73334-1	SB-1-3'	Total/NA	Solid	3546	
720-73334-6	SB-7-6'	Total/NA	Solid	3546	
720-73334-9	SB-3-2'	Total/NA	Solid	3546	
720-73334-12	SB-10-1'	Total/NA	Solid	3546	
LCS 720-205845/2-A	Lab Control Sample	Total/NA	Solid	3546	
MB 720-205845/1-A	Method Blank	Total/NA	Solid	3546	

GC Semi VOA

Analysis Batch: 205828

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-73334-12	SB-10-1'	Total/NA	Solid	8015B	205879
LCS 720-205844/2-A	Lab Control Sample	Total/NA	Water	8015B	205844
LCSD 720-205844/3-A	Lab Control Sample Dup	Total/NA	Water	8015B	205844
MB 720-205844/1-A	Method Blank	Total/NA	Water	8015B	205844

Analysis Batch: 205829

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-73334-4	SB-1	Total/NA	Water	8015B	205844
720-73334-8	SB-7	Total/NA	Water	8015B	205844

TestAmerica Pleasanton

QC Association Summary

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73334-1

GC Semi VOA (Continued)

Analysis Batch: 205831

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-73334-1	SB-1-3'	Total/NA	Solid	8015B	205879
720-73334-1 MS	SB-1-3'	Total/NA	Solid	8015B	205879
720-73334-1 MSD	SB-1-3'	Total/NA	Solid	8015B	205879
720-73334-2	SB-1-9'	Total/NA	Solid	8015B	205879
720-73334-3	SB-1-15'	Total/NA	Solid	8015B	205879
720-73334-5	SB-7-1'	Total/NA	Solid	8015B	205879
720-73334-6	SB-7-6'	Total/NA	Solid	8015B	205879
720-73334-7	SB-7-12'	Total/NA	Solid	8015B	205879

Analysis Batch: 205832

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-73334-9	SB-3-2'	Total/NA	Solid	8015B	205879
720-73334-10	SB-3-7'	Total/NA	Solid	8015B	205879
720-73334-11	SB-3-14'	Total/NA	Solid	8015B	205879
720-73334-13	SB-6-3'	Total/NA	Solid	8015B	205879
720-73334-14	SB-6-10'	Total/NA	Solid	8015B	205879
720-73334-15	SB-6-15'	Total/NA	Solid	8015B	205879
LCS 720-205879/2-A	Lab Control Sample	Total/NA	Solid	8015B	205879
MB 720-205879/1-A	Method Blank	Total/NA	Solid	8015B	205879

Analysis Batch: 205834

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-73334-13	SB-6-3'	Total/NA	Solid	8082	205871
LCS 720-205871/2-A	Lab Control Sample	Total/NA	Solid	8082	205871
MB 720-205871/1-A	Method Blank	Total/NA	Solid	8082	205871

Analysis Batch: 205835

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-73334-1	SB-1-3'	Total/NA	Solid	8082	205871
720-73334-9	SB-3-2'	Total/NA	Solid	8082	205871
720-73334-12	SB-10-1'	Total/NA	Solid	8082	205871

Prep Batch: 205844

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-73334-4	SB-1	Total/NA	Water	3510C	
720-73334-8	SB-7	Total/NA	Water	3510C	
LCS 720-205844/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 720-205844/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
MB 720-205844/1-A	Method Blank	Total/NA	Water	3510C	

Prep Batch: 205856

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-73334-1	SB-1-3'	Total/NA	Solid	3546	
720-73334-5	SB-7-1'	Total/NA	Solid	3546	
720-73334-9	SB-3-2'	Total/NA	Solid	3546	
720-73334-12	SB-10-1'	Total/NA	Solid	3546	
720-73334-13	SB-6-3'	Total/NA	Solid	3546	
LCS 720-205856/2-A	Lab Control Sample	Total/NA	Solid	3546	
MB 720-205856/1-A	Method Blank	Total/NA	Solid	3546	

TestAmerica Pleasanton

QC Association Summary

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73334-1

GC Semi VOA (Continued)

Analysis Batch: 205869

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-73334-1	SB-1-3'	Total/NA	Solid	8081A	205856
720-73334-5	SB-7-1'	Total/NA	Solid	8081A	205856
720-73334-9	SB-3-2'	Total/NA	Solid	8081A	205856
720-73334-12	SB-10-1'	Total/NA	Solid	8081A	205856
720-73334-13	SB-6-3'	Total/NA	Solid	8081A	205856
LCS 720-205856/2-A	Lab Control Sample	Total/NA	Solid	8081A	205856
MB 720-205856/1-A	Method Blank	Total/NA	Solid	8081A	205856

Prep Batch: 205871

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-73334-1	SB-1-3'	Total/NA	Solid	3546	
720-73334-1 MS	SB-1-3'	Total/NA	Solid	3546	
720-73334-1 MSD	SB-1-3'	Total/NA	Solid	3546	
720-73334-5	SB-7-1'	Total/NA	Solid	3546	
720-73334-9	SB-3-2'	Total/NA	Solid	3546	
720-73334-12	SB-10-1'	Total/NA	Solid	3546	
720-73334-13	SB-6-3'	Total/NA	Solid	3546	
LCS 720-205871/2-A	Lab Control Sample	Total/NA	Solid	3546	
MB 720-205871/1-A	Method Blank	Total/NA	Solid	3546	

Prep Batch: 205879

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-73334-1	SB-1-3'	Total/NA	Solid	3546	
720-73334-1 MS	SB-1-3'	Total/NA	Solid	3546	
720-73334-1 MSD	SB-1-3'	Total/NA	Solid	3546	
720-73334-2	SB-1-9'	Total/NA	Solid	3546	
720-73334-3	SB-1-15'	Total/NA	Solid	3546	
720-73334-5	SB-7-1'	Total/NA	Solid	3546	
720-73334-6	SB-7-6'	Total/NA	Solid	3546	
720-73334-7	SB-7-12'	Total/NA	Solid	3546	
720-73334-9	SB-3-2'	Total/NA	Solid	3546	
720-73334-10	SB-3-7'	Total/NA	Solid	3546	
720-73334-11	SB-3-14'	Total/NA	Solid	3546	
720-73334-12	SB-10-1'	Total/NA	Solid	3546	
720-73334-13	SB-6-3'	Total/NA	Solid	3546	
720-73334-14	SB-6-10'	Total/NA	Solid	3546	
720-73334-15	SB-6-15'	Total/NA	Solid	3546	
LCS 720-205879/2-A	Lab Control Sample	Total/NA	Solid	3546	
MB 720-205879/1-A	Method Blank	Total/NA	Solid	3546	

Analysis Batch: 205917

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-73334-1 MS	SB-1-3'	Total/NA	Solid	8082	205871
720-73334-1 MSD	SB-1-3'	Total/NA	Solid	8082	205871
720-73334-5	SB-7-1'	Total/NA	Solid	8082	205871

TestAmerica Pleasanton

QC Association Summary

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73334-1

Metals

Filtration Batch: 205788

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-205788/1-B	Method Blank	Dissolved	Water	FILTRATION	

Prep Batch: 205857

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-73334-2	SB-1-9'	Total/NA	Solid	3050B	
720-73334-3	SB-1-15'	Total/NA	Solid	3050B	
720-73334-6	SB-7-6'	Total/NA	Solid	3050B	
720-73334-7	SB-7-12'	Total/NA	Solid	3050B	
720-73334-10	SB-3-7'	Total/NA	Solid	3050B	
720-73334-11	SB-3-14'	Total/NA	Solid	3050B	
720-73334-14	SB-6-10'	Total/NA	Solid	3050B	
720-73334-15	SB-6-15'	Total/NA	Solid	3050B	
LCS 720-205857/2-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 720-205857/1-A	Method Blank	Total/NA	Solid	3050B	

Prep Batch: 205860

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-73334-2	SB-1-9'	Total/NA	Solid	7471A	
720-73334-3	SB-1-15'	Total/NA	Solid	7471A	
720-73334-6	SB-7-6'	Total/NA	Solid	7471A	
720-73334-7	SB-7-12'	Total/NA	Solid	7471A	
720-73334-10	SB-3-7'	Total/NA	Solid	7471A	
720-73334-11	SB-3-14'	Total/NA	Solid	7471A	
720-73334-14	SB-6-10'	Total/NA	Solid	7471A	
LCS 720-205860/2-A	Lab Control Sample	Total/NA	Solid	7471A	
MB 720-205860/1-A	Method Blank	Total/NA	Solid	7471A	

Prep Batch: 205862

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-73334-1	SB-1-3'	Total/NA	Solid	3050B	
720-73334-5	SB-7-1'	Total/NA	Solid	3050B	
720-73334-9	SB-3-2'	Total/NA	Solid	3050B	
720-73334-12	SB-10-1'	Total/NA	Solid	3050B	
720-73334-13	SB-6-3'	Total/NA	Solid	3050B	
LCS 720-205862/2-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 720-205862/1-A	Method Blank	Total/NA	Solid	3050B	

Prep Batch: 205872

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-73334-4	SB-1	Dissolved	Water	3005A	205882
720-73334-8	SB-7	Dissolved	Water	3005A	205882
LCS 720-205872/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
MB 720-205788/1-B	Method Blank	Dissolved	Water	3005A	205788
MB 720-205872/1-A	Method Blank	Total Recoverable	Water	3005A	
MB 720-205882/1-B	Method Blank	Dissolved	Water	3005A	205882

Filtration Batch: 205882

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-73334-4	SB-1	Dissolved	Water	FILTRATION	
720-73334-8	SB-7	Dissolved	Water	FILTRATION	
MB 720-205882/1-B	Method Blank	Dissolved	Water	FILTRATION	

TestAmerica Pleasanton

QC Association Summary

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73334-1

Metals (Continued)

Filtration Batch: 205882 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-205882/1-C	Method Blank	Dissolved	Water	FILTRATION	

Prep Batch: 205884

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-73334-1	SB-1-3'	Total/NA	Solid	7471A	
720-73334-5	SB-7-1'	Total/NA	Solid	7471A	
720-73334-9	SB-3-2'	Total/NA	Solid	7471A	
720-73334-12	SB-10-1'	Total/NA	Solid	7471A	
720-73334-13	SB-6-3'	Total/NA	Solid	7471A	
720-73334-15	SB-6-15'	Total/NA	Solid	7471A	
LCS 720-205884/2-A	Lab Control Sample	Total/NA	Solid	7471A	
MB 720-205884/1-A	Method Blank	Total/NA	Solid	7471A	

Prep Batch: 205890

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-73334-4	SB-1	Dissolved	Water	7470A	205882
720-73334-8	SB-7	Dissolved	Water	7470A	205882
LCS 720-205890/2-A	Lab Control Sample	Total/NA	Water	7470A	
MB 720-205882/1-C	Method Blank	Dissolved	Water	7470A	205882
MB 720-205890/1-A	Method Blank	Total/NA	Water	7470A	

Analysis Batch: 205944

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-73334-4	SB-1	Dissolved	Water	7470A	205890
720-73334-8	SB-7	Dissolved	Water	7470A	205890
LCS 720-205890/2-A	Lab Control Sample	Total/NA	Water	7470A	205890
MB 720-205882/1-C	Method Blank	Dissolved	Water	7470A	205890
MB 720-205890/1-A	Method Blank	Total/NA	Water	7470A	205890

Analysis Batch: 205947

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-73334-2	SB-1-9'	Total/NA	Solid	6010B	205857
720-73334-3	SB-1-15'	Total/NA	Solid	6010B	205857
720-73334-6	SB-7-6'	Total/NA	Solid	6010B	205857
720-73334-7	SB-7-12'	Total/NA	Solid	6010B	205857
720-73334-10	SB-3-7'	Total/NA	Solid	6010B	205857
720-73334-11	SB-3-14'	Total/NA	Solid	6010B	205857
720-73334-14	SB-6-10'	Total/NA	Solid	6010B	205857
720-73334-15	SB-6-15'	Total/NA	Solid	6010B	205857
LCS 720-205857/2-A	Lab Control Sample	Total/NA	Solid	6010B	205857
MB 720-205857/1-A	Method Blank	Total/NA	Solid	6010B	205857

Analysis Batch: 205949

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-73334-4	SB-1	Dissolved	Water	6010B	205872
720-73334-8	SB-7	Dissolved	Water	6010B	205872
LCS 720-205872/2-A	Lab Control Sample	Total Recoverable	Water	6010B	205872
MB 720-205788/1-B	Method Blank	Dissolved	Water	6010B	205872
MB 720-205872/1-A	Method Blank	Total Recoverable	Water	6010B	205872
MB 720-205882/1-B	Method Blank	Dissolved	Water	6010B	205872

TestAmerica Pleasanton

QC Association Summary

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73334-1

Metals (Continued)

Analysis Batch: 205963

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-73334-1	SB-1-3'	Total/NA	Solid	7471A	205884
720-73334-5	SB-7-1'	Total/NA	Solid	7471A	205884
720-73334-9	SB-3-2'	Total/NA	Solid	7471A	205884
720-73334-12	SB-10-1'	Total/NA	Solid	7471A	205884
720-73334-13	SB-6-3'	Total/NA	Solid	7471A	205884
720-73334-15	SB-6-15'	Total/NA	Solid	7471A	205884
LCS 720-205884/2-A	Lab Control Sample	Total/NA	Solid	7471A	205884
MB 720-205884/1-A	Method Blank	Total/NA	Solid	7471A	205884

Analysis Batch: 205971

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-73334-2	SB-1-9'	Total/NA	Solid	7471A	205860
720-73334-3	SB-1-15'	Total/NA	Solid	7471A	205860
720-73334-6	SB-7-6'	Total/NA	Solid	7471A	205860
720-73334-7	SB-7-12'	Total/NA	Solid	7471A	205860
720-73334-10	SB-3-7'	Total/NA	Solid	7471A	205860
720-73334-11	SB-3-14'	Total/NA	Solid	7471A	205860
720-73334-14	SB-6-10'	Total/NA	Solid	7471A	205860
LCS 720-205860/2-A	Lab Control Sample	Total/NA	Solid	7471A	205860
MB 720-205860/1-A	Method Blank	Total/NA	Solid	7471A	205860

Analysis Batch: 205972

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-73334-1	SB-1-3'	Total/NA	Solid	6010B	205862
720-73334-5	SB-7-1'	Total/NA	Solid	6010B	205862
720-73334-9	SB-3-2'	Total/NA	Solid	6010B	205862
720-73334-12	SB-10-1'	Total/NA	Solid	6010B	205862
720-73334-13	SB-6-3'	Total/NA	Solid	6010B	205862
LCS 720-205862/2-A	Lab Control Sample	Total/NA	Solid	6010B	205862
MB 720-205862/1-A	Method Blank	Total/NA	Solid	6010B	205862

Lab Chronicle

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73334-1

Client Sample ID: SB-1-3'

Date Collected: 07/12/16 19:15

Date Received: 07/13/16 11:04

Lab Sample ID: 720-73334-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			205851	07/13/16 13:35	LPL	TAL PLS
Total/NA	Analysis	8260B/CA_LUFTMS		1	205852	07/13/16 14:54	LPL	TAL PLS
Total/NA	Prep	3546			205845	07/13/16 13:56	SXM	TAL PLS
Total/NA	Analysis	8270C		1	205840	07/13/16 22:01	MQL	TAL PLS
Total/NA	Prep	3546			205879	07/13/16 15:18	KMK	TAL PLS
Total/NA	Analysis	8015B		1	205831	07/14/16 02:14	DCH	TAL PLS
Total/NA	Prep	3546			205856	07/13/16 11:39	SXM	TAL PLS
Total/NA	Analysis	8081A		1	205869	07/14/16 02:26	MQL	TAL PLS
Total/NA	Prep	3546			205871	07/13/16 14:28	TTC	TAL PLS
Total/NA	Analysis	8082		1	205835	07/13/16 20:21	DCH	TAL PLS
Total/NA	Prep	3050B			205862	07/13/16 19:39	BRB	TAL PLS
Total/NA	Analysis	6010B		4	205972	07/14/16 16:13	ASB	TAL PLS
Total/NA	Prep	7471A			205884	07/13/16 17:08	OBI	TAL PLS
Total/NA	Analysis	7471A		1	205963	07/14/16 14:43	ASB	TAL PLS

Client Sample ID: SB-1-9'

Date Collected: 07/12/16 19:30

Date Received: 07/13/16 11:04

Lab Sample ID: 720-73334-2

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			205851	07/13/16 13:35	LPL	TAL PLS
Total/NA	Analysis	8260B/CA_LUFTMS		1	205852	07/13/16 15:23	LPL	TAL PLS
Total/NA	Prep	3546			205879	07/13/16 15:18	KMK	TAL PLS
Total/NA	Analysis	8015B		1	205831	07/14/16 02:43	DCH	TAL PLS
Total/NA	Prep	3050B			205857	07/13/16 12:06	OBI	TAL PLS
Total/NA	Analysis	6010B		4	205947	07/14/16 11:53	SLK	TAL PLS
Total/NA	Prep	7471A			205860	07/13/16 12:32	OBI	TAL PLS
Total/NA	Analysis	7471A		1	205971	07/14/16 15:57	ASB	TAL PLS

Client Sample ID: SB-1-15'

Date Collected: 07/12/16 19:45

Date Received: 07/13/16 11:04

Lab Sample ID: 720-73334-3

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			205851	07/13/16 13:35	LPL	TAL PLS
Total/NA	Analysis	8260B/CA_LUFTMS		1	205852	07/13/16 15:52	LPL	TAL PLS
Total/NA	Prep	3546			205879	07/13/16 15:18	KMK	TAL PLS
Total/NA	Analysis	8015B		1	205831	07/14/16 03:13	DCH	TAL PLS
Total/NA	Prep	3050B			205857	07/13/16 12:06	OBI	TAL PLS
Total/NA	Analysis	6010B		4	205947	07/14/16 11:58	SLK	TAL PLS
Total/NA	Prep	7471A			205860	07/13/16 12:32	OBI	TAL PLS
Total/NA	Analysis	7471A		1	205971	07/14/16 16:00	ASB	TAL PLS

TestAmerica Pleasanton

Lab Chronicle

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73334-1

Client Sample ID: SB-1

Date Collected: 07/12/16 20:15

Date Received: 07/13/16 11:04

Lab Sample ID: 720-73334-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	205867	07/14/16 03:09	LPL	TAL PLS
Total/NA	Prep	3510C			205844	07/13/16 12:56	NDU	TAL PLS
Total/NA	Analysis	8015B		1	205829	07/13/16 22:44	DCH	TAL PLS
Dissolved	Filtration	FILTRATION			205882	07/13/16 14:29	MJD	TAL PLS
Dissolved	Prep	3005A			205872	07/13/16 16:53	MJD	TAL PLS
Dissolved	Analysis	6010B		1	205949	07/14/16 12:23	ASB	TAL PLS
Dissolved	Filtration	FILTRATION			205882	07/13/16 14:29	MJD	TAL PLS
Dissolved	Prep	7470A			205890	07/13/16 18:08	BRB	TAL PLS
Dissolved	Analysis	7470A		1	205944	07/14/16 11:21	ASB	TAL PLS

Client Sample ID: SB-7-1'

Date Collected: 07/12/16 23:10

Date Received: 07/13/16 11:04

Lab Sample ID: 720-73334-5

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			205851	07/13/16 13:35	LPL	TAL PLS
Total/NA	Analysis	8260B/CA_LUFTMS		1	205852	07/13/16 16:22	LPL	TAL PLS
Total/NA	Prep	3546			205879	07/13/16 15:18	KMK	TAL PLS
Total/NA	Analysis	8015B		1	205831	07/14/16 03:42	DCH	TAL PLS
Total/NA	Prep	3546			205856	07/13/16 12:00	SXM	TAL PLS
Total/NA	Analysis	8081A		1	205869	07/14/16 02:43	MQL	TAL PLS
Total/NA	Prep	3546			205871	07/13/16 14:28	TTC	TAL PLS
Total/NA	Analysis	8082		1	205917	07/14/16 11:33	DCH	TAL PLS
Total/NA	Prep	3050B			205862	07/13/16 19:39	BRB	TAL PLS
Total/NA	Analysis	6010B		4	205972	07/14/16 16:18	ASB	TAL PLS
Total/NA	Prep	7471A			205884	07/13/16 17:08	OBI	TAL PLS
Total/NA	Analysis	7471A		1	205963	07/14/16 14:46	ASB	TAL PLS

Client Sample ID: SB-7-6'

Date Collected: 07/12/16 23:20

Date Received: 07/13/16 11:04

Lab Sample ID: 720-73334-6

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			205851	07/13/16 13:35	LPL	TAL PLS
Total/NA	Analysis	8260B/CA_LUFTMS		1	205852	07/13/16 16:51	LPL	TAL PLS
Total/NA	Prep	3546			205845	07/13/16 13:56	SXM	TAL PLS
Total/NA	Analysis	8270C		1	205840	07/13/16 22:27	MQL	TAL PLS
Total/NA	Prep	3546			205879	07/13/16 15:18	KMK	TAL PLS
Total/NA	Analysis	8015B		1	205831	07/14/16 04:11	DCH	TAL PLS
Total/NA	Prep	3050B			205857	07/13/16 12:06	OBI	TAL PLS
Total/NA	Analysis	6010B		4	205947	07/14/16 12:03	SLK	TAL PLS
Total/NA	Prep	7471A			205860	07/13/16 12:32	OBI	TAL PLS
Total/NA	Analysis	7471A		1	205971	07/14/16 16:03	ASB	TAL PLS

TestAmerica Pleasanton

Lab Chronicle

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73334-1

Client Sample ID: SB-7-12'

Lab Sample ID: 720-73334-7

Date Collected: 07/12/16 23:30

Matrix: Solid

Date Received: 07/13/16 11:04

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			205851	07/13/16 13:35	LPL	TAL PLS
Total/NA	Analysis	8260B/CA_LUFTMS		1	205852	07/13/16 17:20	LPL	TAL PLS
Total/NA	Prep	3546			205879	07/13/16 15:18	KMK	TAL PLS
Total/NA	Analysis	8015B		1	205831	07/14/16 04:40	DCH	TAL PLS
Total/NA	Prep	3050B			205857	07/13/16 12:06	OBI	TAL PLS
Total/NA	Analysis	6010B		4	205947	07/14/16 12:08	SLK	TAL PLS
Total/NA	Prep	7471A			205860	07/13/16 12:32	OBI	TAL PLS
Total/NA	Analysis	7471A		1	205971	07/14/16 16:07	ASB	TAL PLS

Client Sample ID: SB-7

Lab Sample ID: 720-73334-8

Date Collected: 07/12/16 23:55

Matrix: Water

Date Received: 07/13/16 11:04

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	205867	07/14/16 03:42	LPL	TAL PLS
Total/NA	Prep	3510C			205844	07/13/16 12:56	NDU	TAL PLS
Total/NA	Analysis	8015B		1	205829	07/13/16 23:08	DCH	TAL PLS
Dissolved	Filtration	FILTRATION			205882	07/13/16 14:29	MJD	TAL PLS
Dissolved	Prep	3005A			205872	07/13/16 16:53	MJD	TAL PLS
Dissolved	Analysis	6010B		1	205949	07/14/16 12:29	ASB	TAL PLS
Dissolved	Filtration	FILTRATION			205882	07/13/16 14:29	MJD	TAL PLS
Dissolved	Prep	7470A			205890	07/13/16 18:08	BRB	TAL PLS
Dissolved	Analysis	7470A		1	205944	07/14/16 11:24	ASB	TAL PLS

Client Sample ID: SB-3-2'

Lab Sample ID: 720-73334-9

Date Collected: 07/12/16 22:00

Matrix: Solid

Date Received: 07/13/16 11:04

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			205851	07/13/16 13:35	LPL	TAL PLS
Total/NA	Analysis	8260B/CA_LUFTMS		1	205852	07/13/16 17:49	LPL	TAL PLS
Total/NA	Prep	3546			205845	07/13/16 13:56	SXM	TAL PLS
Total/NA	Analysis	8270C		1	205840	07/13/16 22:53	MQL	TAL PLS
Total/NA	Prep	3546			205879	07/13/16 15:18	KMK	TAL PLS
Total/NA	Analysis	8015B		1	205832	07/14/16 02:14	DCH	TAL PLS
Total/NA	Prep	3546			205856	07/13/16 12:00	SXM	TAL PLS
Total/NA	Analysis	8081A		1	205869	07/14/16 03:00	MQL	TAL PLS
Total/NA	Prep	3546			205871	07/13/16 14:28	TTC	TAL PLS
Total/NA	Analysis	8082		1	205835	07/13/16 20:54	DCH	TAL PLS
Total/NA	Prep	3050B			205862	07/13/16 19:39	BRB	TAL PLS
Total/NA	Analysis	6010B		4	205972	07/14/16 16:35	ASB	TAL PLS
Total/NA	Prep	7471A			205884	07/13/16 17:08	OBI	TAL PLS
Total/NA	Analysis	7471A		1	205963	07/14/16 14:48	ASB	TAL PLS

TestAmerica Pleasanton

Lab Chronicle

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73334-1

Client Sample ID: SB-3-7'

Lab Sample ID: 720-73334-10

Date Collected: 07/12/16 22:20

Matrix: Solid

Date Received: 07/13/16 11:04

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			205851	07/13/16 13:35	LPL	TAL PLS
Total/NA	Analysis	8260B/CA_LUFTMS		1	205852	07/13/16 18:19	LPL	TAL PLS
Total/NA	Prep	3546			205879	07/13/16 15:18	KMK	TAL PLS
Total/NA	Analysis	8015B		1	205832	07/14/16 02:43	DCH	TAL PLS
Total/NA	Prep	3050B			205857	07/13/16 12:06	OBI	TAL PLS
Total/NA	Analysis	6010B		4	205947	07/14/16 12:13	SLK	TAL PLS
Total/NA	Prep	7471A			205860	07/13/16 12:32	OBI	TAL PLS
Total/NA	Analysis	7471A		1	205971	07/14/16 16:10	ASB	TAL PLS

Client Sample ID: SB-3-14'

Lab Sample ID: 720-73334-11

Date Collected: 07/12/16 22:35

Matrix: Solid

Date Received: 07/13/16 11:04

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			205851	07/13/16 13:35	LPL	TAL PLS
Total/NA	Analysis	8260B/CA_LUFTMS		1	205852	07/13/16 18:48	LPL	TAL PLS
Total/NA	Prep	3546			205879	07/13/16 15:18	KMK	TAL PLS
Total/NA	Analysis	8015B		1	205832	07/14/16 03:13	DCH	TAL PLS
Total/NA	Prep	3050B			205857	07/13/16 12:06	OBI	TAL PLS
Total/NA	Analysis	6010B		4	205947	07/14/16 12:18	SLK	TAL PLS
Total/NA	Prep	7471A			205860	07/13/16 12:32	OBI	TAL PLS
Total/NA	Analysis	7471A		1	205971	07/14/16 16:17	ASB	TAL PLS

Client Sample ID: SB-10-1'

Lab Sample ID: 720-73334-12

Date Collected: 07/13/16 00:01

Matrix: Solid

Date Received: 07/13/16 11:04

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			205851	07/13/16 13:35	LPL	TAL PLS
Total/NA	Analysis	8260B/CA_LUFTMS		1	205852	07/13/16 19:17	LPL	TAL PLS
Total/NA	Prep	3546			205845	07/13/16 13:56	SXM	TAL PLS
Total/NA	Analysis	8270C		1	205840	07/13/16 23:20	MQL	TAL PLS
Total/NA	Prep	3546			205879	07/13/16 15:18	KMK	TAL PLS
Total/NA	Analysis	8015B		1	205828	07/14/16 02:22	DCH	TAL PLS
Total/NA	Prep	3546			205856	07/13/16 12:00	SXM	TAL PLS
Total/NA	Analysis	8081A		1	205869	07/14/16 03:16	MQL	TAL PLS
Total/NA	Prep	3546			205871	07/13/16 14:28	TTC	TAL PLS
Total/NA	Analysis	8082		1	205835	07/13/16 21:11	DCH	TAL PLS
Total/NA	Prep	3050B			205862	07/13/16 19:39	BRB	TAL PLS
Total/NA	Analysis	6010B		4	205972	07/14/16 16:40	ASB	TAL PLS
Total/NA	Prep	7471A			205884	07/13/16 17:08	OBI	TAL PLS
Total/NA	Analysis	7471A		1	205963	07/14/16 14:51	ASB	TAL PLS

TestAmerica Pleasanton

Lab Chronicle

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73334-1

Client Sample ID: SB-6-3'

Date Collected: 07/13/16 00:25

Date Received: 07/13/16 11:04

Lab Sample ID: 720-73334-13

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			205851	07/13/16 13:35	LPL	TAL PLS
Total/NA	Analysis	8260B/CA_LUFTMS		1	205852	07/13/16 19:47	LPL	TAL PLS
Total/NA	Prep	3546			205879	07/13/16 15:18	KMK	TAL PLS
Total/NA	Analysis	8015B		1	205832	07/14/16 03:42	DCH	TAL PLS
Total/NA	Prep	3546			205856	07/13/16 12:00	SXM	TAL PLS
Total/NA	Analysis	8081A		1	205869	07/14/16 03:33	MQL	TAL PLS
Total/NA	Prep	3546			205871	07/13/16 14:28	TTC	TAL PLS
Total/NA	Analysis	8082		1	205834	07/13/16 20:21	DCH	TAL PLS
Total/NA	Prep	3050B			205862	07/13/16 19:39	BRB	TAL PLS
Total/NA	Analysis	6010B		4	205972	07/14/16 16:46	ASB	TAL PLS
Total/NA	Prep	7471A			205884	07/13/16 17:08	OBI	TAL PLS
Total/NA	Analysis	7471A		1	205963	07/14/16 14:58	ASB	TAL PLS

Client Sample ID: SB-6-10'

Date Collected: 07/13/16 00:40

Date Received: 07/13/16 11:04

Lab Sample ID: 720-73334-14

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			205851	07/13/16 13:35	LPL	TAL PLS
Total/NA	Analysis	8260B/CA_LUFTMS		1	205852	07/13/16 20:16	LPL	TAL PLS
Total/NA	Prep	3546			205879	07/13/16 15:18	KMK	TAL PLS
Total/NA	Analysis	8015B		1	205832	07/14/16 04:11	DCH	TAL PLS
Total/NA	Prep	3050B			205857	07/13/16 12:06	OBI	TAL PLS
Total/NA	Analysis	6010B		4	205947	07/14/16 12:23	SLK	TAL PLS
Total/NA	Prep	7471A			205860	07/13/16 12:32	OBI	TAL PLS
Total/NA	Analysis	7471A		1	205971	07/14/16 16:20	ASB	TAL PLS

Client Sample ID: SB-6-15'

Date Collected: 07/13/16 00:50

Date Received: 07/13/16 11:04

Lab Sample ID: 720-73334-15

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			205851	07/13/16 13:35	LPL	TAL PLS
Total/NA	Analysis	8260B/CA_LUFTMS		1	205852	07/13/16 20:45	LPL	TAL PLS
Total/NA	Prep	3546			205879	07/13/16 15:18	KMK	TAL PLS
Total/NA	Analysis	8015B		1	205832	07/14/16 04:40	DCH	TAL PLS
Total/NA	Prep	3050B			205857	07/13/16 12:06	OBI	TAL PLS
Total/NA	Analysis	6010B		4	205947	07/14/16 12:28	SLK	TAL PLS
Total/NA	Prep	7471A			205884	07/13/16 17:08	OBI	TAL PLS
Total/NA	Analysis	7471A		1	205963	07/14/16 15:01	ASB	TAL PLS

TestAmerica Pleasanton

Lab Chronicle

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73334-1

Client Sample ID: TB

Lab Sample ID: 720-73334-16

Date Collected: 07/13/16 00:00

Matrix: Water

Date Received: 07/13/16 11:04

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	205867	07/13/16 20:28	LPL	TAL PLS

Laboratory References:

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

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Certification Summary

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73334-1

Laboratory: TestAmerica Pleasanton

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	State Program	9	2496	01-31-18

Analysis Method	Prep Method	Matrix	Analyte
-----------------	-------------	--------	---------

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Method Summary

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73334-1

Method	Method Description	Protocol	Laboratory
8260B/CA_LUFTMS	8260B / CA LUFT MS	SW846	TAL PLS
8270C	Semivolatile Organic Compounds (GC/MS)	SW846	TAL PLS
8015B	Diesel Range Organics (DRO) (GC)	SW846	TAL PLS
8081A	Organochlorine Pesticides (GC)	SW846	TAL PLS
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL PLS
6010B	Metals (ICP)	SW846	TAL PLS
7470A	Mercury (CVAA)	SW846	TAL PLS
7471A	Mercury (CVAA)	SW846	TAL PLS

Protocol References:

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

Laboratory References:

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

Sample Summary

Client: AECOM
Project/Site: 1721 Webster Street

TestAmerica Job ID: 720-73334-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-73334-1	SB-1-3'	Solid	07/12/16 19:15	07/13/16 11:04
720-73334-2	SB-1-9'	Solid	07/12/16 19:30	07/13/16 11:04
720-73334-3	SB-1-15'	Solid	07/12/16 19:45	07/13/16 11:04
720-73334-4	SB-1	Water	07/12/16 20:15	07/13/16 11:04
720-73334-5	SB-7-1'	Solid	07/12/16 23:10	07/13/16 11:04
720-73334-6	SB-7-6'	Solid	07/12/16 23:20	07/13/16 11:04
720-73334-7	SB-7-12'	Solid	07/12/16 23:30	07/13/16 11:04
720-73334-8	SB-7	Water	07/12/16 23:55	07/13/16 11:04
720-73334-9	SB-3-2'	Solid	07/12/16 22:00	07/13/16 11:04
720-73334-10	SB-3-7'	Solid	07/12/16 22:20	07/13/16 11:04
720-73334-11	SB-3-14'	Solid	07/12/16 22:35	07/13/16 11:04
720-73334-12	SB-10-1'	Solid	07/13/16 00:01	07/13/16 11:04
720-73334-13	SB-6-3'	Solid	07/13/16 00:25	07/13/16 11:04
720-73334-14	SB-6-10'	Solid	07/13/16 00:40	07/13/16 11:04
720-73334-15	SB-6-15'	Solid	07/13/16 00:50	07/13/16 11:04
720-73334-16	TB	Water	07/13/16 00:00	07/13/16 11:04

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TESTAMERICA Pleasanton Chain of Custody
 1220 Quarry Lane • Pleasanton, CA 94566-4756
 Phone: (925) 401-4919
 700-753334

Reference #: 169795
 Date: 7/12/16 Page 1 of 2

7/14/2016

Report To

Client: ERIK SKOV
 Company: AETON
 Address: 1333 Broadway, Oakland, CA
 Email: ERIK.SKOV@AETON.COM
 Bill To: David Roubicek
 Attn: David Roubicek
 Phone: 415 240-6851

Analysis Request

Volatile Organics GC/MS (VOCs) EPA 8260B
 HVOCs by EPA 8260B
 EPA 8260B: Gas BTEX
 5 Oxygenates DCA, ED8 Ethanol
 TEPH EPA 8015B Silica Gel
 Diesel Motor Oil Other
 SemiVolatile Organics GC/MS
 EPA 8270C
 PNA/PAH's by 8270C
 8270C SIM
 Oil and Grease Petroleum
 (EPA 1664/9071) Total
 Pesticides EPA 8081
 EPA 8082
 CAM17 Metals
 (EPA 6010/7470/7471)
 Metals: 6010B 200.7
 Lead LUFT RCRA
 Other:
 Metals: 6020 200.8
 (ICP-MS):
 W.E.T (STLC)
 W.E.T (D) TCLP
 Hex. Chrom by EPA 7196
 or EPA 7199
 pH: 9040
 SM4500
 Spec. Cond. Alkalinity
 TSS SS TDS
 Anions: Cl SO₄ NO₃ F
 Br NO₂ PO₄
 Filter *
 Perchlorate by EPA 8260B
 PCB's EPA 8082
 TEPH/Hydrolic
 PCB's EPA 8082
 No. of Containers

Sample ID	Date	Time	Met	Preserv
SB-1-3-1	7/12/16	9:15	S	MEBT
SB-1-1-9	7/12/16	9:30	S	MEBT
SB-1-1-5	7/12/16	9:45	S	MEBT
SB-1	7/12/16	20:15	W	HCL
SB-1-1	7/12/16	23:10	S	MEBT
SB-1-10	7/12/16	23:10	S	MEBT
SB-1-12	7/12/16	23:30	S	MEBT
SB-1-2	7/12/16	23:35	W	MEBT
SB-3-2	7/12/16	23:05	S	MEBT
SB-3-7	7/12/16	22:20	S	MEBT

Project Info

Project Name: FT2 Webber
 PO#: 4.92
 Temp: 4.92

Sample Receipt

of Containers:
 Head Space:
 Credit Card Y/N:
 If yes, please call with payment information ASAP

1) Relinquished by:
 Signature: [Signature]
 Printed Name: ERIK SKOV
 Date: 7:13

2) Relinquished by:
 Signature: [Signature]
 Printed Name: Janice
 Date: 7/13/16

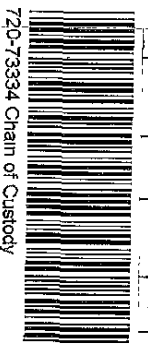
3) Relinquished by:
 Signature: [Signature]
 Printed Name: [Signature]
 Date: [Date]

Report: Routine Level 3 Level 4 EDD EDF
 Special Instructions / Comments: Global ID

1) Received by:
 Signature: [Signature]
 Printed Name: Janice
 Date: 7/13/16

2) Received by:
 Signature: [Signature]
 Printed Name: Janice
 Date: 7/13/16

3) Received by:
 Signature: [Signature]
 Printed Name: [Signature]
 Date: [Date]



PUSH

* Filter samples for metals analyzed upon arrival

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TESTAMERICA Pleasanton Chain of Custody
 1220 Quarry Lane • Pleasanton CA 94566-4756
 Phone: (925) 888-1919

720-739334

Reference #: 169-795
 Date: 7/11/16 Page 2 of 2

7/14/2016

Report To

Attn: ENIK SKOV
 Company: AEDM
 Address: 1333 Broadway, Oakland, CA
 Email: Enik.Skov@aedm.com
 Bill To: David Rombard
 Attn: 0
 Phone: 415 790-6851

Sampled By: ES
 Volatile Organics GC/MS (VOCs) EPA 8260B
 HVOCS by EPA 8260B
 EPA 8260B: Gas BTEX
 5 Oxygenates DCA, EDB Ethanol
 TEPH EPA 8015B Silica Gel
 Diesel Motor Oil Other
 SemiVolatile Organics GC/MS
 EPA 8270C
 PNA/PAH's by 8270C
 8270C SIM
 Oil and Grease Petroleum
 (EPA 1664/9071) Total
 Pesticides EPA 8081
 PCBs EPA 8082 66
 CAM17 Metals
 (EPA 60107/470/7471)
 Metals: 6010B 200.7
 Lead LUFT RCRA
 Other:
 Metals: 6020 200.8
 (ICP-MS):
 W.E.T (STLC)
 W.E.T (DI) TCLP
 Hex. Chrom by EPA 7196
 or EPA 7199
 PH 9040
 SM4500
 Spec. Cond. Alkalinity
 TSS SS TDS
 Anions: Cl SO₄ NO₃ F
 Br NO₂ PO₄
 Perchlorate by EPA 344.0
 COD EPA 10.47 EPA 8220B
 Turbidity Filter*
 PCBs EPA 8002
 No of Containers

Sample ID	Date	Time	Mat	Preserv
SB-3-111	7/11/16	21:35	S	MEHT
SB-10-11	7/11/16	00:10	S	MEHT
SB-10-31	7/11/16	01:25	S	MEHT
SB-10-101	7/11/16	04:10	S	MEHT
SB-10-105	7/11/16	00:35	S	MEHT
SB-10-105	7/11/16	00:35	S	MEHT
TR	7/11/16		N	ACU

RUSH

Project Info

Project Name: 1721 Webster

Sample Receipt

of Containers: 11
 Head Space:
 Temp:
 Credit Card Y/N:
 If yes, please call with payment information ASAP

T	A	10	5	4	3	2	1	Other:
Day	Day	Day	Day	Day	Day	Day	Day	
							<input checked="" type="checkbox"/>	

Report: Routine Level 3 Level 4 EDD EDF
 Special Instructions / Comments: Global ID

See Terms and Conditions on reverse

1) Relinquished by:
 Signature: [Signature]
 Printed Name: ENIK SKOV
 Date: 7/15/16
 Company: AEDM

2) Relinquished by:
 Signature: [Signature]
 Printed Name: Lamar Brown
 Date: 7/13/16
 Company: HA

3) Relinquished by:
 Signature: _____
 Printed Name: _____
 Date: _____
 Company: _____

1) Received by:
 Signature: [Signature]
 Printed Name: Ken Jones
 Date: 7/13/16
 Company: TR

2) Received by:
 Signature: [Signature]
 Printed Name: Muelber
 Date: 7/13/16
 Company: TR

3) Received by:
 Signature: _____
 Printed Name: _____
 Date: _____
 Company: _____

*Filter samples for metals analysis upon arrival

Login Sample Receipt Checklist

Client: AECOM

Job Number: 720-73334-1

Login Number: 73334

List Number: 1

Creator: Mullen, Joan

List Source: TestAmerica Pleasanton

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are 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 containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	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	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

