Final Draft

PHASE II ENVIRONMENTAL SITE ASSESSMENT

Proposed New Ukiah Courthouse – Law and Justice Center

Ukiah, California

Prepared for:
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Subject: **Final Draft Report. Phase II Environmental Site Assessment (ESA) Investigation at Proposed New Ukiah Courthouse Law and Justice Center – Located 309 East Perkins and 200 Clay Street- in Ukiah, California. Delivery Order CP – 479.**

Dear Mr. Desai:

AECOM is pleased to submit this Final Draft report for the preliminary Phase II ESA investigation conducted at the proposed new Ukiah Courthouse located at the eastern end of Clay Street, west of Leslie Street, and south of east Perkins Street in Ukiah California (Figure 1 and herein referred to as the "Site"). The work was conducted under delivery order number CP-479 under contract MES0213 work order number 1027247 dated August 23, 2013.

Objective

The Judicial Council of California (JCC) is investigating the possibility of the construction of a new courthouse at the Site. The objective of the Phase II Investigation was to establish an environmental baseline prior to development of the Site and to evaluate current subsurface soil, soil vapor, and groundwater conditions at the Site due to its historical use as rail station properties and proximity to and its adjacent orientation from off-Site fuel releases and manufactured gas plant operations.

Background

The Site is composed of four assessor's parcels (002-232-12, 13 and 002-282-18, 19) which total approximately 11 acres is currently vacant, and located in the city of Ukiah, California (Figures 1 and 2).

Based on information included in a Phase I ESA completed by Weston Solutions Inc (April 2011), the Site operated as passenger and freight depot dating back to at least 1893. Early use of the main track, formerly located along the western portion of the Site, was for passenger and freight transport. Through the years, side tracks were constructed on the Site south of Gibson Creek to service other industrial operations including a planing mill, a fruit packing operation, and an asphalt plant with fuel tank (Weston, 2011a).

The Site is a former rail yard and is currently vacant. On-site buildings consist of a single-story metal warehouse building (approximately 12,000 square feet), a single-story metal shop building (approximately 3,000 square feet), and a single-story brick passenger train depot building (approximately 2,000 square feet) (Weston, 2011a). The former train depot building is located outside the proposed new Ukiah courthouse footprint. Although it was reported by JCC during initial scoping conversations that warehouse and metal shop buildings were demolished in the fall of 2013, both buildings were still present during

AECOM field investigations in September and October 2014. The other infrastructure associated with the former rail yard has been removed from the Site but included 24-foot diameter oil tank, a former roundhouse and turntable, former railroad tracks, and former tank platform.

The 309 East Perkins portion of the site is listed as North Coast Regional Water Quality Control Board (RWQCB) site number 1NMC397 (Weston, 2011b) for historical railroad operations with known contamination of petroleum hydrocarbons and poly-aromatic hydrocarbons (PAHs). As noted in the August 2011, Remedial Action Plan for the Former Ukiah Rail Yard, there are two distinct groundwater zones including a perched groundwater zone from 2 to 7 feet bgs and a deeper zone from 29 to 30 feet bgs which may be under confined conditions, (Weston, 2011b). Based on adjacent site wells, Weston identified groundwater flow in the site vicinity as being primarily to the east with limited variation to the northeast to southeast (Weston, 2011a). As of October 14, 2014, a land use covenant exists for the Site which restricts the property use for parcels 002-232-13 and 002-282-19 to commercial/industrial use (Appendix A).

The Old Leslie Street Gas Plant, located in the easterly adjacent parcel of the Site, was identified as recognized environmental condition (REC) in the 2011 Weston Phase I ESA. This facility was historically used for manufacturing oil-gas, butane-gas, and propane-gas and associated activities and is currently listed as an open site assessment for RWQCB (Case Number 1NMC233). This facility was identified for the potential to impact the Site soil and/or groundwater with that hazardous substances related to historical activities, primarily petroleum hydrocarbons and poly-aromatic hydrocarbons.

The former Leslie Street Bulk Petroleum Facilities (including Unocal Bulk Plant #0813), located on the easterly adjacent parcel to the Site, were identified as a REC in the 2011 Weston Phase I ESA. These facilities were historically used for bulk petroleum storage activities, including large aboveground storage tanks (AST), and the Unocal Bulk Plant is currently listed as an open remediation site for RWQCB (Case Number 1NMC405). This facility was identified for the potential to impact the Site soil and/or groundwater with that hazardous substances related to historical activities, primarily petroleum hydrocarbons.

The former DZ, Inc., located on the easterly adjacent parcel to the Site, was identified as a REC in the 2011 Weston Phase I ESA. This facility was historically used for storage of diesel, jet fuel, and regular and unleaded gasoline as well as an auto body report shop. Six ASTs were removed from the site in 1985, and while no underground storage tanks were identified, underground steel piping ran from the ASTs to loading racks along the eastern property boundary. In 1989, shallow soil contamination was found at this facility and is currently listed as an open remediation site for RWQCB (Case Number 1NMC047). This facility was identified for the potential to impact the Site soil and/or groundwater with that hazardous substances related to historical activities, primarily petroleum hydrocarbons.

Scope of Work

Planning. In September 2014, AECOM prepared a work plan to outline the proposed boring locations and approach for the field activities at the Site. The JCC-approved work plan proposed:

- Five total borings to be advanced via direct push rig with soil samples to be collected at the surface (0-0.5 feet below ground surface [bgs]), 4.5 to 5.0 feet bgs, and every five feet to total depth. Shallow soil samples will be analyzed for:
    - Total petroleum hydrocarbons in the gasoline (TPHg), and diesel (TPHd) ranges by United States Environmental Protection Agency (US EPA) method SW8015M;
    - California Administrative Manual/California Code of Regulations (CAM/CCR) Title 17 metals by US EPA method SW6010B/6020/7470;
    - Volatile organic compounds (VOCs) including benzene, toluene, ethylbenzene and xylenes (BTEX) and methyl tert-butyl ether (MTBE) by US EPA method SW8260B; and

- PAHs, including Naphthalene, by U.S. EPA method 8310.

- Pending lab results of the shallow soil samples, the samples collected from 10 feet to 30 feet bgs were to be archived at the lab.
- Five locations were to be advanced to the deeper groundwater zone. The additional soil boring length will be logged and monitored with a photoionization detector (PID). Samples were to be collected and archived every five feet until groundwater.
- Groundwater samples may be collected at two discrete depths in each boring location. One set of groundwater samples were to be collected at approximately 5 to 7 feet bgs immediately above the anticipated perched aquifer, if encountered. A second set of groundwater samples were to be collected at the suspected regional aquifer at approximately 21 to 30 feet bgs. Temporary slotted ¾-inch PVC piping will be placed down the inner rod and a grab groundwater sample were to be collected with either a peristaltic pump or disposable bailer depending on field conditions. Groundwater samples were to be analyzed for:
  - TPHg and TPHd via EPA Method 5030B/8015M;
  - CAM/CCR Title 17 metals by US EPA method SW6010B/6020/7470;
  - VOCs, BTEX and MTBE by US EPA method SW8260B; and
  - PAHs, including naphthalene, by US EPA method 8310
- Temporary soil gas samples were proposed to evaluate current levels of VOCs in soil gas and to assess potential health risks to future site occupants. A total of three (3) temporary soil gas wells were to be advanced and sampled using post-run tubing methods to a maximum depth of five (5) feet bgs. Screening levels were to be compared to EPA DTSC guidance document entitled - *California Human Health Screening Levels (CHHSLs) for commercial/industrial use* dated January 2005. Soil gas samples were to be compared to the risk screening criteria for industrial/commercial levels. No modeling was to be conducted for a health risk assessment. Soil gas samples were to be analyzed for the following constituents by the listed methods:
  - VOCs and Naphthalene by US EPA method TO-15
  - Tracer gas (Isopropanol or Helium).

Utility Clearance. On September 25, 2014 AECOM marked preliminary boring locations and notified Underground Service Alert. On September 25, 2014, NorCal Geophysics used a magnetometer, ground penetrating radar, and electromagnetic induction to clear a 10-foot by 10-foot area around each of the five soil borings locations.

Field Investigation. On October 27, 2014 AECOM conducted the soil, soil gas, and groundwater sampling investigation using hand auger and direct push drilling techniques from five boring locations shown on Figure 2 (Attached). Soil borings were field screened with a PID and logged using the Unified Soil Classification System (USCS). Boring logs are presented in Appendix B.

Soil vapor samples could not be collected due to rain. Although it appeared that less than 0.5 inches of rain had occurred near the site in 24-hour period in the five days prior to sampling, there were standing water puddles across the site during field investigations on October 27, 2014. The DTSC Advisory for Active Soil Gas Investigations indicates that soil vapor samples should only be collected in areas that are free of standing or ponded water for a minimum of 5 days prior to sampling (DTSC, 2012).

Soil and groundwater samples were transferred into laboratory-provided and labeled sampling containers, and transported under proper chain of custody procedures to a fixed laboratory, Sparger Technology, Inc

of Sacramento, California, a California-Certified laboratory, for analysis the following analysis described in the approved work plan above.

Upon reaching total depth, each soil boring was backfilled with hydrated bentonite and completed to match the appropriate surface.

Soil Sampling. The Soil borings SB-01, SB-02, SB-03, SB-04 and SB-05 were advanced via hand auger to 5.0 feet bgs and then continued via direct push drilling from 5.0 feet bgs to groundwater (between 29 and 34 ft bgs). PID readings were zero for each soil boring and for ambient conditions. There were no visible indications of contamination such as soil staining. However, several samples exhibited a skunk-like odor despite the lack of reading on the PID.

A surface soil sample was collected from the hand auger at 0.5 feet bgs from each sample location. The hand auger was decontaminated between each borehole. The 5.0-foot bgs sample was collected via direct push and submitted for analysis. Deeper samples were archived at the laboratory pending surface and 5-foot soil results except for three deeper samples which had odor. . Samples from SB-01, SB-02, and SB-03 exhibited a skunk-like odor to varying depths of 20 feet bgs, 5 feet bgs, and 10 feet bgs. Due to this odor, samples collected at depths of 10 feet bgs at SB-01 and SB-03 were also analyzed for the full analytical suite.

Groundwater Sampling. Groundwater samples were collected from soil borings SB-01, SB-02, SB-03, SB-04, and SB-05 that had been advanced to groundwater. Temporary ¾-inch PVC tubing was installed in the soil borings for grab groundwater sample collection with a peristaltic pump. The perched groundwater zone from 5 to 7 feet bgs that was reported by Weston in the RAP (Weston, 2011b) was not encountered. All groundwater samples were collected from approximately 30 feet bgs.

Soil and groundwater sampling details are presented in Table 1.

Laboratory Analytical Results

Complete analytical results and the laboratory report for submitted soil and groundwater samples are presented in Appendix C.

Soil Samples. Soil samples were collected and analyzed as indicated in Table 1. Table 2 presents a summary of the compounds detected.

Metals

The metals analytical results for soil are compared against EPA Region 9 residential "Regional Screening Levels for Chemical Contaminants at Superfund Sites" (EPA, 2014) (RSL) for screening purposes (note that the use of residential screening levels is a conservative approach given the proposed use of the property as a courthouse building and parking lot). These criteria are not cleanup action levels, but rather screening criteria used to determine whether further investigation or site-specific risk assessment may be warranted. The results were also compared against the California Environmental Protection Agency's "Use of California Human Health Screening Levels (CHHSLs) in Evaluation of Contaminated Properties". (Cal EPA, 2005, updated 2010). The metals concentrations were also compared to background levels available in the Background Technical Guidance Document for the 2004 EPA Region 9 Preliminary Remediation Goals (PRGs) (EPA, 2004). The results of the laboratory analyses are as follows:

- Arsenic was detected in soil at concentrations exceeding its residential RSL (0.67 milligrams per kilogram [mg/kg]) and CHHSL (0.07 mg/kg) in each of the twelve samples collected. Arsenic concentrations ranged between 7 mg/kg at 5 feet bgs in borehole SB-01 to 39 mg/kg at 0.5 feet bgs in borehole SB-01 and only two (SB-1-5 and SB-1-10 were within the EPA-reported California

background range for arsenic of 0.59-11 mg/kg. The remaining ten samples were above 11 mg/kg. In general, concentrations were higher in 0.5 foot samples and highest detected concentrations were on the eastern portion of the Site (SB-01 and SB-05); and

- All other CAM 17 metal concentrations in soil were below their respective residential screening level.

VOCs

VOC analytical results were compared against the residential RSLs and CHHSLs. There are no established background values for VOCs. The results of the laboratory analyses are as follows:

- Acetone was detected in soil at concentrations of 5 micrograms per kilogram (µg/kg) at 0.5 feet bgs in borehole SB-01 and 20 µg/kg at 5 feet bgs in borehole SB-04. These concentrations do not exceed the residential RSL (63,000 µg/kg).
- No other VOCs were detected in the any of the 12 soil samples collected and analyzed from the Site.

PAHs

PAHs analytical results were compared against the residential RSLs and CHHSLs. The results of the laboratory analyses are as follows:

- Benzo(b)fluroanthene was detected in soil at concentrations of 0.01 mg/kg at 0.5 feet bgs in borehole SB-01 and at 0.04 mg/kg at 0.5 feet bgs in borehole SB-03. These concentrations did not exceed its residential RSL (0.15 mg/kg). There is no established CHHSL. The remaining ten samples were non-detect for benzo(b)fluoranthene;
- Pyrene was detected in soil at concentration at 0.02 mg/kg at 0.5 feet bgs in borehole SB-03. This concentration did not exceed its residential RSL (1,700 mg/kg). There is no established CHHSL. The remaining 11 samples were non-detect for pyrene; and
- All other PAHs, including naphthalene, were not detected in the any of the 12 soil samples collected and analyzed from the Site.

TPHg and TPHd

TPHg and TPHd were not detected in the any of the 12 soil samples collected and analyzed from the Site.

Groundwater Samples. Groundwater samples were collected and analyzed as indicated in Table 1. It should be noted that the sample from SB-05 had noticeably more sediment than samples from the other four grab groundwater samples. Table 3 presents a summary of the compounds detected.

The groundwater analytical results were compared against California Department of Public Health Primary and Secondary Maximum Contaminant Levels (MCLs) and California Public Health Goals (PHGs). The results of the laboratory analyses are as follows:

- Arsenic was detected above the primary MCL (0.010 milligrams per liter [mg/L]) and PHG (0.0000004 mg/L) in grab groundwater samples form SB-01, SB-02, SB0-4, and SB-05. Arsenic was not detected in the grab groundwater sample from SB-03.
- Barium was detected in all five grab groundwater samples but was only above the primary MCL (2 mg/L and PHG (2 mg/L) in the same from SB-5. The higher barium concentration could arise from higher sediment load.
- Cobalt and copper were both detected only in grab groundwater sample from SB-05. Cobalt was detected at a concentration of 0.16 mg/L and has no available screening levels. Copper detected at a concentration of 0.17 mg/L was below both the secondary MCL (1.0 mg/L) and the PHG

(0.30 mg/L). Again, these elevated concentrations may be due to higher sediment load in sample.

- Tetrachloroethene was detected in the grab groundwater sample from SB-3 at a concentration of 1.2 micrograms per liter (µg/L). This concentration does not exceed the primary MCL of 5 µg/L.
- Benzo(b)fluoranthene was detected in the grab groundwater samples from SB-01, SB-03, and SB-05 at a concentration of 0.2 µg/L in all three samples. Benzo(b)fluoranthene does not have either a primary MCL or PHG. However, toxicity equivalency factor (TEF) methodology can be used to convert benzo(b)fluoranthene concentrations into benzo(a)pyrene (BaP) equivalents by multiplying by the benzo(b)fluoranthene TEF of 0.1 (unit less). BaP has a primary MCL of 0.2 µg/L and PHG of 0.007 µg/L so the detected concentrations of benzo(b)fluoranthene as BaP equivalents (0.02 µg/L) do not exceed the BaP primary MCL but do exceed the BaP PHG.
- No other metal, VOCs, PAHs, including naphthalene, or TPH were detected in any of the five groundwater samples collected and analyzed from the Site.

Data Quality Control. The following sampling and analysis quality control measures were conducted during this investigation:

1) Soil and groundwater samples were analyzed at a California Certified Laboratory.
2) Matrix and Matrix-Spike tests were conducted by the laboratory and no issues were identified.
3) All requirements were met for sample delivery, sample holding times and sample chain-of-custody procedures
4) Frequency and control criteria for initial and continuing laboratory equipment calibration were met.
5) Results for laboratory blanks were non-detect.

Conclusions

Soil. The analytical results of the soil samples may indicate evidence of a release from historical onsite sources. All metals concentrations except arsenic were below both the EPA Region 9 and CHHSL residential screening levels. Arsenic concentrations were above the EPA-reported California background range in 10 of 12 samples collected with concentrations in shallow soil on the southern portion of the Site being the highest. The only VOCs and PAHs detected were below the residential RSLs. TPHg and TPHd was not detected in the soil samples. Based on these soil detections which appear to decrease with depth, additional deeper archived samples were not analyzed. As this is a screening level Phase II ESA and not a complete characterization of the extent of contamination encountered, the data analyzed provide sufficient vertical characterization of risk in the 0.5-foot and 5-foot samples.

Groundwater. Arsenic was detected in four of five grab groundwater samples collected (SB-01, SB-02, SB-04, and SB-5) at concentrations exceeding both its primary MCL (0.010 mg/L) and its PHG (0.000004 mg/L). Barium was detected in one of five grab groundwater samples collected (SB-5) at concentrations exceeding both its primary MCL (2 mg/L) and its PHG (2 mg/L). Benzo(b)fluoranthene was detected in three of five grab groundwater samples and while Benzo(b)fluoranthene does not have a primary MCL or PHG, calculated concentration of BaP equivalents do not exceed the BAP primary MCL (0.2 µg/L) but do exceed the PHG for BAP (0.007 µg/L). No other metals, VOCs, PAHs including naphthalene, and TPHg and TPHd were detected in grab groundwater samples.

Soil Vapor. Soil vapor samples could not be collected during the field mobilization on October 27, 2014. However, the low VOC concentrations in soil and groundwater do not suggest that remobilizing for soil vapor sampling is warranted.

Investigation Derived Waste. Soil sampling generated less than one 55-gallon drum of soil cuttings. Waste cuttings were profiled as non-hazardous waste. Cuttings were removed from site on April 29.

2015 by Belshire Environmental Services, Inc. of Foothill Ranch California and transported to Soil Safe in Adelanto California for disposal.

Recommendations

Based on the analytical results of the soil and groundwater sampling conducted for this screening level Phase II ESA investigation, AECOM recommends no additional soil, soil vapor, or groundwater investigation be conducted within the footprint of the proposed building and parking lot.

References

California Environmental Protection Agency (Cal EPA). 2005 updated 2010. "Use of California Human Health Screening Levels (CHHSLs) in Evaluation of Contaminated Properties". September 23.

Department of Toxic Substances Control (DTSC). 2012. "Advisory: Active Soil Gas Investigations". April.

Environmental Protection Agency, United States, Region 9 (EPA Region 9). 2004. "Users Guide and Background Technical Document for USEPA Region 9's Preliminary Remediation Goals (PRG) Table.

Environmental Protection Agency, United States, Region 9 (EPA Region 9). 2014. "Regional Screening Levels for Chemical Contaminants at Superfund Sites." May.

Weston Solutions, Inc, 2011a. "Phase I Environmental Site Assessment, Former Ukiah Rail Yard Ukiah, California." April.

Weston Solutions, Inc, 2011b. "Final Remedial Action Plan, Former Ukiah Rail Yard Ukiah, California." August.

Please feel free to contact the undersigned if you have any questions or concerns by phone at (916) 361-6423 or (510) 879-4510 or by email at rob.schumann@aecom.com or carmen.goodell@aecom.com.

Sincerely,
AECOM

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Senior Geologist, Project Manager

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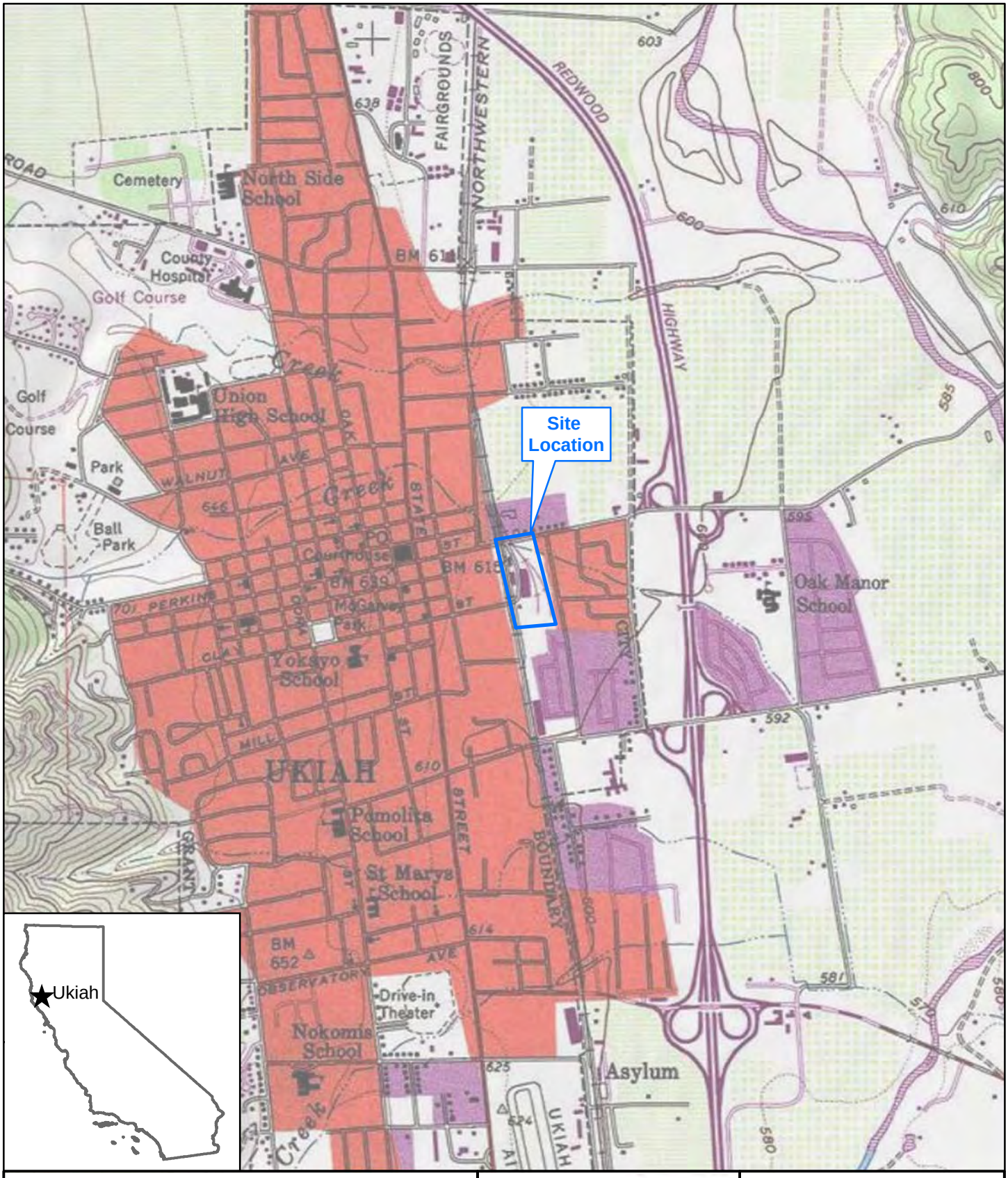
Project Geologist

Attachments:
Figures 1 & 2
Tables 1, 2, & 3
Appendix A: Land Use Covenant for 309 Perkins Street, Ukiah (NCRWQCB Case 1NMC397)
Appendix B: Soil Boring Logs
Appendix C: Laboratory Analytical Report
Appendix D: Initial Non-hazardous Waste Manifest

FIGURES



SITE LOCATION

PROPOSED NEW UKIAH COURTHOUSE
309 E. PERKINS STREET/200 CLAY STREET
UKIAH, CALIFORNIA

SCALE	DATE	PROJECT NUMBER
1" = 2,000'	11/12/2014	60306701

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0 2,000'
SCALE

FIGURE NUMBER
1

SITE PLAN WITH APPROXIMATE BORING LOCATIONS

PROPOSED NEW UKIAH COURTHOUSE
309 E. PERKINS STREET/200 CLAY STREET
UKIAH, CALIFORNIA

SCALE:	DATE:	PROJECT NUMBER:
1" = 150'	09/09/2014	60306701

AECOM

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LEGEND:

- SB-01 — APPROXIMATE BORING LOCATION FOR SOIL AND GROUNDWATER
- FORMER SITE FEATURES
- FORMER RAILROAD TRACKS
- APN — ASSESSOR'S PARCEL NUMBER

0 150'
SCALE

N

FIGURE NUMBER: 2

TABLES

Table 1
Soil and Groundwater Sample Details
Proposed New Ukiah Courthouse

Soil Boring	Total Boring Depth (feet bgs)	Samples Analyzed for TPH-g, TPHd, Metals, VOCs, and PAHs including naphthalene	Depth to Groundwater	Groundwater Samples Analyzed for TPH-g, TPHd, Metals, VOCs, and PAHs including naphthalene
SB-01	32.0	SB-01-0.5 (analyzed) SB-01-5 (analyzed) SB-01-10 (analyzed based on field observation) SB-01-15 (archived in lab) SB-01-20 (archived in lab) SB-01-25 (archived in lab) SB-01-30 (archived in lab)	31.0	SB-01-GW
SB-02	30.0	SB-02-0.5 (analyzed) SB-02-5 (analyzed) SB-02-10 (archived in lab) SB-02-15 (archived in lab) SB-02-20 (archived in lab) SB-02-25 (archived in lab) SB-02-30 (archived in lab)	29.0	SB-02-GW
SB-03	30.0	SB-03-0.5 (analyzed) SB-03-5 (analyzed) SB-03-10 (analyzed based on field observation) SB-03-15 (archived in lab) SB-03-20 (archived in lab) SB-03-25 (archived in lab) SB-03-30 (archived in lab)	29.0	SB-03-GW
SB-04	30.0	SB-04-0.5 (analyzed) SB-04-5 (analyzed) SB-04-10 (archived in lab) SB-04-15 (archived in lab) SB-04-20 (archived in lab) SB-04-25 (archived in lab) SB-04-30 (archived in lab)	25.0	SB-04-GW
SB-05	34.0	SB-05-0.5 (analyzed) SB-05-5 (analyzed) SB-05-10 (archived in lab) SB-05-15 (archived in lab) SB-05-20 (archived in lab) SB-05-25 (archived in lab) SB-05-30 (archived in lab)	32.0	SB-05-GW

bgs: below ground surface

Table 2
Metals, VOCs, PAHs and TPH Detected in Soil Samples
Proposed New Ukiah Courthouse

ANALYTE	Region 9 Residential Screening Levels	California Human Health Screening Levels	EPA California Background Range	RL	SB-1-0.5	SB-1-5	SB-1-10	SB-2-0.5	SB-2-5	SB-3-0.5	SB-3-5	SB-3-10	SB-4-.05	SB-4-5	SB-5-0.5	SB-5-5
Metals	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	**Results** (mg/kg)											
Antimony	31	30	—	2.0	ND	ND	ND	2.1	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic	0.67	0.07	0.59-11	2.0	**28**	**7**	**9**	**21**	**15**	**13**	**13**	**14**	**12**	**13**	**39**	**12**
Barium	15,000	5,200	—	2.0	95	157	128	153	204	198	202	142	145	206	210	185
Beryllium	160	16	0.10-2.7	0.30	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium	70	1.7	0.05-1.7	0.50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chromium	120,000**	100,000**	23-1,579	1.0	30	364	56	60	89	49	76	59	56	72	72	72
Cobalt	23	660	—	2.0	10	29	12	12	19	14	17	14	12	16	17	15
Copper	3,100	3,000	—	2.0	26	25	24	36	40	42	38	27	26	36	52	30
Lead	400	80	—	1.0	33	7.9	6.5	42	12	39	9.2	9.2	19	11	114	10
Mercury	4.9	18	—	0.005	0.13	0.042	0.071	0.20	0.075	0.067	0.062	0.037	0.054	0.046	0.084	0.039
Molybdenum	390	380	—	2.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nickel	1,500	1,600	9.0-509	4.0	73	348	69	81	119	67	104	75	75	99	97	94
Selenium	390	380	—	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver	390	380	—	0.50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Thallium	—	5.0	—	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vanadium	390	530	—	1.0	28	34	30	30	54	41	47	46	34	46	48	48
Zinc	23,000	23,000	—	1.5	105	60	45	78	74	95	62	56	63	67	185	62
VOCs	(µg/kg)	(µg/kg)		(µg/kg)	**Results** (µg/kg)											
Acetone	61,000,000	—	—	2	5	ND	ND	ND	ND	ND	ND	ND	ND	20	ND	ND
Other VOCs were not detected in any sample collected and analyzed.				1.0-2.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PAHs				(mg/kg)	**Results** (mg/kg)											
Benzo(b)fluoranthene	0.15	—	—	0.010	0.01	ND	ND	ND	ND	0.04	ND	ND	ND	ND	ND	ND
Pyrene	1,700	—	—	0.010	ND	ND	ND	ND	ND	0.02	ND	ND	ND	ND	ND	ND
Other PAHs were not detected in any samples collected and analyzed.				0.010	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TPH				(mg/kg)	**Results** (mg/kg)											
TPH-Diesel	—	—	—	1.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TPH-Gasoline	—	—	—	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Bold denotes exceedance of EPA Region 9 residential regional screening levels for chemical constituents at Superfund sites (November 2014) and California Human Health Screening Levels (2009).

Note: Background concentration ranges from "User's Guide and Technical Background Document for USEPA Region 9's Preliminary Remediation Goals" (USEPA 2004).

PRG = preliminary remediation goal ug/kg = micrograms per kilogram RL = Laboratory Reporting Limit

mg/kg = milligrams per kilogram ND = not detected at or above RL shown.

** = chromium screening levels assume trivalent chromium, which is more routinely encountered

Table 3
Metal, VOCs, PAHs and TPH Detected in Groundwater Samples
Proposed New Ukiah Courthouse

ANALYTE	Primary Maximum Contaminant Levels	Secondary Maximum Contaminant Levels	Public Helath Goals	RL	SB-1-GW	SB-2-GW	SB-3-GW	SB-4-GW	SB-5-GW
Metals	(mg/L)	(mg/L)	(mg/L)	(mg/L)	**Results** (mg/L)				
Antimony	0.006	—	0.02	0.0060	ND	ND	ND	ND	ND
Arsenic	0.010	—	0.000004	0.010	**0.082**	**0.057**	ND	**0.050**	**0.14**
Barium	2	—	2.0	0.010	1.3	0.59	1.3	0.48	**6.8**
Beryllium	0.004	—	0.0010	0.0030	ND	ND	ND	ND	ND
Cadmium	0.005	—	0.0004	0.0050	ND	ND	ND	ND	ND
Chromium	0.05	—	—	0.010	ND	ND	ND	ND	ND
Cobalt	—	—	—	0.010	ND	ND	ND	ND	0.16
Copper	—	1.0	0.30	0.020	ND	ND	ND	ND	0.17
Lead	0.05 (a)	—	0.0002	0.010	ND	ND	ND	ND	ND
Mercury	0.002	—	0.0012	0.00020	ND	ND	ND	ND	ND
Molybdenum	—	—	—	0.050	ND	ND	ND	ND	ND
Nickel	0.10	—	0.012	0.040	0.081	ND	0.047	ND	0.62
Selenium	0.050	—	0.030	0.050	ND	ND	ND	ND	ND
Silver	—	0.1	—	0.010	ND	ND	ND	ND	ND
Thallium	0.002	—	0.0001	0.050	ND	ND	ND	ND	ND
Vanadium	—	—	—	0.050	ND	ND	ND	ND	ND
Zinc	—	5	—	0.015	0.061	0.034	0.045	0.016	0.17
VOCs	(ug/L)	(ug/L)	(ug/L)	(ug/L)	**Results** (ug/L)				
Tetrachloroethene	5.0	—	1.7	1	ND	ND	1.2	ND	ND
Other VOCs were not detected in any sample collected and analyzed.				1.0-10	ND	ND	ND	ND	ND
PAHs	(ug/L)	(ug/L)	(ug/L)	(ug/L)	**Results** (ug/L)				
Benzo(b)fluoranthene	0.2(b)	—	0.007 (c)	0.10	0.2	ND	ND	0.2	0.2
Other PAHs were not detected in any samples collected and analyzed.				0.010	ND	ND	ND	ND	ND
TPH	(ug/L)	(ug/L)	(ug/L)	(ug/L)	**Results** (ug/L)				
TPH-Diesel	—	—	—	50	ND	ND	ND	ND	ND
TPH-Gasoline	—	—	—	50	ND	ND	ND	ND	ND

Bold denotes exceedance of MCL and California Public Health Goals.

(a) Value presented is regulatory action level not primary MCL. Lead primary MCL was rescinded.

(b) MCL presented is Benzo(a)pyrene Equivalents. Benzo(b)fluoranthene TEF is 0.1 so all cocentrations (0.02 ug/L) are below Benzo(a)pyrene MCL.

(c) Public Health Goal presented is Benzo(a)pyrene Equivalents. Benzo(b)fluoranthene TEF is 0.1 which means 0.02 ug/L exceed the PHG.

ug/L = micrograms per liter

RL = Laboratory Reporting Limit

ND = not detected at or above RL shown.

— = no qualifier, measurement, or criteria, or not analyzed

APPENDIX A

Land Use Covenant for 309 Perkins Street, Ukiah

(NCRWQCB Case 1NMC397)

2014-12327
Recorded at the request of:
NORTH COAST RAILROAD AUTHORITY
10/15/2014 11:57 AM
Fee: $40.00 Pgs: 1 of 10

OFFICIAL RECORDS
Susan M. Ranochak - Clerk-Recorder
Mendocino County, CA

Recording Requested By:
North Coast Railroad Authority

When Recorded, Mail To:
Mr. Matthias St. John, Executive Officer
California Regional Water Quality Control Board
North Coast Region
5550 Skylane Boulevard, Suite A
Santa Rosa, California 95403

COVENANT AND ENVIRONMENTAL RESTRICTION
ON PROPERTY

Union Pacific Railroad
309 Perkins Street, Ukiah
APN: 002-232-13 and 002-282-19
NCRWQCB CASE 1NMC397

This Covenant and Environmental Restriction on Property ("Covenant") is made as of the 14 day of October, 2014 by North Coast Rail Authority ("Covenantor") who is the Owner of record of a certain property situated at 309 Perkins Street, in the City of Ukiah, County of Mendocino, State of California, which is more particularly described in Exhibit A and Exhibit B attached hereto and incorporated herein by this reference (hereinafter referred to as the "Burdened Property"), for the benefit of the California Regional Water Quality Control Board, North Coast Region ("Board"), with reference to the following facts:

A. Nature of Covenant. This Covenant is an environmental covenant provided for by Civil Code section 1471 and required by the Board pursuant to Water Code section [13304 or 13307.1] because the Burdened Property is contaminated by hazardous materials as defined in section 25260 of the Health and Safety Code.

B. Contamination of the Burdened Property. The soil and groundwater at the Burdened Property were contaminated by historic railroad operations, including train locomotive services, fueling facilities and an asphalt plant. The known contamination originally consisted of organic chemicals including petroleum hydrocarbons and polynuclear aromatic hydrocarbons that constitute hazardous materials as that term is defined in Health & Safety Code section 25260. By means of excavation, the known contamination has been reduced to levels acceptable to all uses except residential use, hospital uses or public or private school uses for persons under 21 years of age.

C. Exposure Pathways. The contaminants addressed in this Covenant are present in the soil and groundwater at the Burdened Property. Without the restrictions prohibiting specific uses contained in this covenant, exposure to these contaminants could take place via in-place contact resulting in dermal contact, inhalation, or ingestion by humans. The

risk of public exposure to the contaminants has been substantially lessened by the remediation and controls described in this covenant.

D. Land Uses and Population Potentially Affected. The majority of the Burdened Property is currently undeveloped. Existing current use is commercial and light industrial. Land uses in the area surrounding the Burdened Property are residential, commercial, and light industrial.

E. Disclosure and Sampling. Disclosure of the presence of hazardous materials on the Burdened Property has been made to the Board and extensive sampling of the Burdened Property has been conducted.

F. Use of Burdened Property. The Covenantor desires and intends that in order to benefit the Board, and to protect the present and future public health and safety, the Burdened Property shall be used in such a manner as to avoid potential harm to persons or property that might result from any hazardous materials that might remain deposited on portions of the Burdened Property.

ARTICLE I
GENERAL PROVISIONS

1.1 Provisions to Run with the Land. This Covenant sets forth protective provisions, covenants, conditions and restrictions (collectively referred to as "Restrictions") upon and subject to which the Burdened Property and every portion thereof shall be improved, held, used, occupied, leased, sold, hypothecated, encumbered, and/or conveyed. These Restrictions are reasonably necessary to protect present and future human health and safety or the environment as a result of the presence on the land of hazardous materials. Each and all of the Restrictions shall run with the land and pass with each and every portion of the Burdened Property, and shall apply to, inure to the benefit of, and bind the respective successors, assigns, and lessees thereof for the benefit of the Board and all Owners and Occupants. Each and all of the Restrictions: (a) are imposed upon the entire Burdened Property, unless expressly stated as applicable to a specific portion of the Burdened Property; (b) run with the land pursuant to section 1471 of the Civil Code; and (c) are enforceable by the Board.

1.2 Concurrence of Owners and Lessees Presumed. All purchasers, lessees, and possessors of all or any portion of the Burdened Property shall become Owners or Occupants as defined herein and shall be deemed by their purchase, leasing, or possession of the Burdened Property to be bound by the Restrictions and to agree for and among themselves, their heirs, successors, and assignees, and the agents, employees, and lessees of such owners, heirs, successors, and assignees, that the Restrictions herein established must be adhered to for the benefit of the Board and all Owners and Occupants, and that the interest of all Owners and Occupants of the Burdened Property shall be subject to the Restrictions.

1.3 Incorporation into Deeds and Leases. The Covenantor desires and covenants that the Restrictions shall be incorporated in and attached to each and all deeds and leases of all or any portion of the Burdened Property. Recordation of this Covenant shall be deemed binding on all successors, assigns, and lessees, regardless of whether a copy of this Covenant has been attached to or incorporated into any given deed or lease.

1.4 Purpose. It is the purpose of this instrument to convey to the Board real property rights, which will run with the land, to facilitate the remediation of past environmental contamination and to protect human health and the environment by reducing the risk of exposure to residual hazardous materials.

ARTICLE II
DEFINITIONS

2.1 Board. "Board" shall mean the California Regional Water Quality Control Board for the North Coast Region and its staff, and shall include its successor agencies, if any.

2.2 Improvements. "Improvements" shall mean all buildings, structures, roads, driveways, gradings, re-gradings, and paved areas, constructed or placed upon any portion of the Burdened Property.

2.3 Occupant or Occupants. "Occupant" or "Occupants" shall mean Owners and those persons entitled by ownership, leasehold, or other legal relationship to the right to use and/or occupy all or any portion of the Burdened Property.

2.4 Owner or Owners. "Owner" or "Owners" shall mean the Covenantor and Covenantor's successors in interest who hold title to all or any portion of the Burdened Property.

ARTICLE III
DEVELOPMENT, USE AND CONVEYANCE OF THE BURDENED PROPERTY

3.1 Restrictions on Development and Use. The Covenantor promises to restrict the use of the Burdened Property as follows:

a. Development and use of the Burdened Property shall be restricted to industrial, commercial, and/or office space;

b. No human occupation for residency such as single family homes or apartment buildings used by humans as a place of abode shall be permitted on the Burdened Property;

c. No hospitals shall be permitted on the Burdened Property;

d. No public or private schools for persons under 21 years of age shall be permitted on the Burdened Property;

e. No Owner or Occupant shall conduct or permit any excavation work on the Burdened Property, unless expressly permitted in writing by the Board. Any contaminated soils brought to the surface by grading, excavation, trenching, or backfilling shall be managed by the Owner, Owner's agent, Occupant or Occupant's agent in accordance with all applicable provisions of local, state, and federal law and in accordance with a soil management plan submitted to, reviewed by, and concurred with by the Board;

f. Any excavation conducted on the Burdened Property shall be performed pursuant to an appropriate and fully implemented Health and Safety Plan;

g. No Owner or Occupant shall drill, bore, otherwise construct, or use a well for the purpose of extracting water for any use, including but not limited to, domestic, potable, or industrial uses, unless expressly permitted in writing by the Board; nor shall the Owner or Occupant permit or engage any third party to do such acts;

h. The Covenantor agrees that the Board, and any persons acting pursuant to Board orders, shall have reasonable access to the Burdened Property for the purposes of inspection, surveillance, maintenance, or monitoring as provided in Division 7 of the Water Code; and

i. No Owner or Occupant shall act in any manner that threatens or is likely to aggravate or contribute to the existing contaminated conditions of the Burdened Property.

3.2 Enforcement. Failure of an Owner or Occupant to comply with any of the Restrictions set forth in Paragraph 3.1 shall be grounds for the Board, by the authority of this Covenant, to require that the Owner or Occupant modify or remove, or cause to be modified or removed, any Improvements constructed in violation of that Paragraph. Violation of this Covenant shall also be grounds for the Board to file civil actions against the Owner or Occupant as provided by law. Nothing in this Covenant shall limit the Water Board's authority under Division 7 (commencing with section 13000) of the Water Code or other applicable laws.

3.3 Notice in Agreements. After the date of recordation hereof, all Owners and Occupants shall execute a written instrument which shall accompany all purchase agreements or leases relating to all or any portion of the Burdened Property. Any such instrument shall contain the following statement:

> The land described herein contains hazardous materials in soils and in the groundwater under the property, and is subject to a Covenant and Environmental Restriction dated as of October 14, 2014, and recorded on October 14, 2014, in the Official Records of Mendocino County, California, as Document No. 2014-12327 which Covenant and Environmental Restriction imposes certain covenants, conditions, and restrictions on usage of the property described herein. This statement is not a declaration that a hazard exists.

ARTICLE IV
VARIANCE AND TERMINATION

4.1 Variance. Any Owner or, with the Owner's written consent, any Occupant may apply to the Board for a written variance from the provisions of this Covenant.

4.2 Termination. Any Owner or, with the Owner's written consent, any Occupant may apply to the Board for a termination of the Restrictions as they apply to all or any portion of the Burdened Property.

4.3 Term. Unless terminated in accordance with Paragraph 4.2 above, by law or otherwise, this Covenant shall continue in effect in perpetuity.

ARTICLE V
MISCELLANEOUS

5.1 No Dedication Intended. Nothing set forth herein shall be construed to be a gift or dedication, or offer of a gift or dedication, of the Burdened Property or any portion thereof to the general public.

5.2 Notices. Whenever any person gives or serves any notice, demand, or other communication with respect to this Covenant, each such notice, demand, or other communication shall be in writing and shall be deemed effective (a) when delivered, if personally delivered to the person being served or an official of a government agency being served, or (b) three (3) business days after deposit in the mail if mailed by United States mail, postage paid certified, return receipt requested, addressed:

If To: "Covenantor"

North Coast Railroad Authority
Executive Director
419 Talmage Road, Suite M *
Ukiah, CA 95482

*Or NCRA address on file with the Secretary of State's Roster of Public Agencies

If To: "Board"
Regional Water Quality Control Board
North Coast Region
Attention: Executive Officer
5550 Skylane Boulevard, Suite A
Santa Rosa, California 95403

5.3 Partial Invalidity. If any portion of the Restrictions or terms set forth herein is determined by a court having jurisdiction to be invalid for any reason, the remaining portion shall remain in full force and effect as if such portion had not been included herein.

5.4 Recordation. This instrument shall be executed by the Covenantor and by the Executive Officer of the Board. This instrument shall be recorded by the Covenantor in the County of Mendocino within ten (10) days of the date of execution.

5.5 References. All references to Code sections include successor provisions.

5.6 Construction. Any general rule of construction to the contrary notwithstanding, this instrument shall be liberally construed in favor of the Covenant to preserve and implement the purpose of this instrument and the policies and purposes of the Water Code. If any provision of this instrument is found to be ambiguous, an interpretation consistent with the purpose of this instrument that would render the provision valid shall be favored over any interpretation that would render it invalid.

IN WITNESS WHEREOF, the parties execute this Covenant as of the date set forth above.

[REMAINDER OF PAGE INTENTIONALLY LEFT BLANK;
SIGNATURES ON FOLLOWING PAGES]

Covenantor:

North Coast Railroad Authority

Print Name: Mitch Stogner

Signature: Mitch Stog

Title: Executive Director

Date: 10 - 15 - 014

CERTIFICATE OF ACKNOWLEDGMENT

State of California

County of Mendocino

On Oct. 15, 2014 before me, M. Fitzsimmons, Notary Public, personally appeared Mitch Stogner, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature of Notary Public

(Notary Seal)

JER-1 M. FITZSIMMONS COMM. #1972094 NOTARY PUBLIC - CALIFORNIA MENDOCINO COUNTY My Comm. Expires Mar. 15, 2016 JER-1

California Regional Water Quality Control Board, North Coast Region

Print Name: Matthias Scheffey St. John

Signature: Matthias Scheffey St. John

Title: Executive Officer

Date: October 14, 2014

CERTIFICATE OF ACKNOWLEDGMENT

State of California

County of Sonoma

On Oct 14, 2014 before me, Sharon Lemos, Notary Public, personally appeared Matthias Scheffey St John, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(~~s~~) is/~~are~~ subscribed to the within instrument and acknowledged to me that he/~~she~~/~~they~~ executed the same in his/~~her~~/~~their~~ authorized capacity(~~ies~~), and that by his/~~her~~/~~their~~ signature(~~s~~) on the instrument the person(~~s~~), or the entity upon behalf of which the person(~~s~~) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

SHARON LEMOS
COMM. # 2036001
NOTARY PUBLIC - CALIFORNIA
SONOMA COUNTY
MY COMM. EXP. SEP. 4, 2017

Sharon Lemos
Signature of Notary Public

(Notary Seal)

EXHIBIT A

LEGAL DESCRIPTION OF PROPERTY

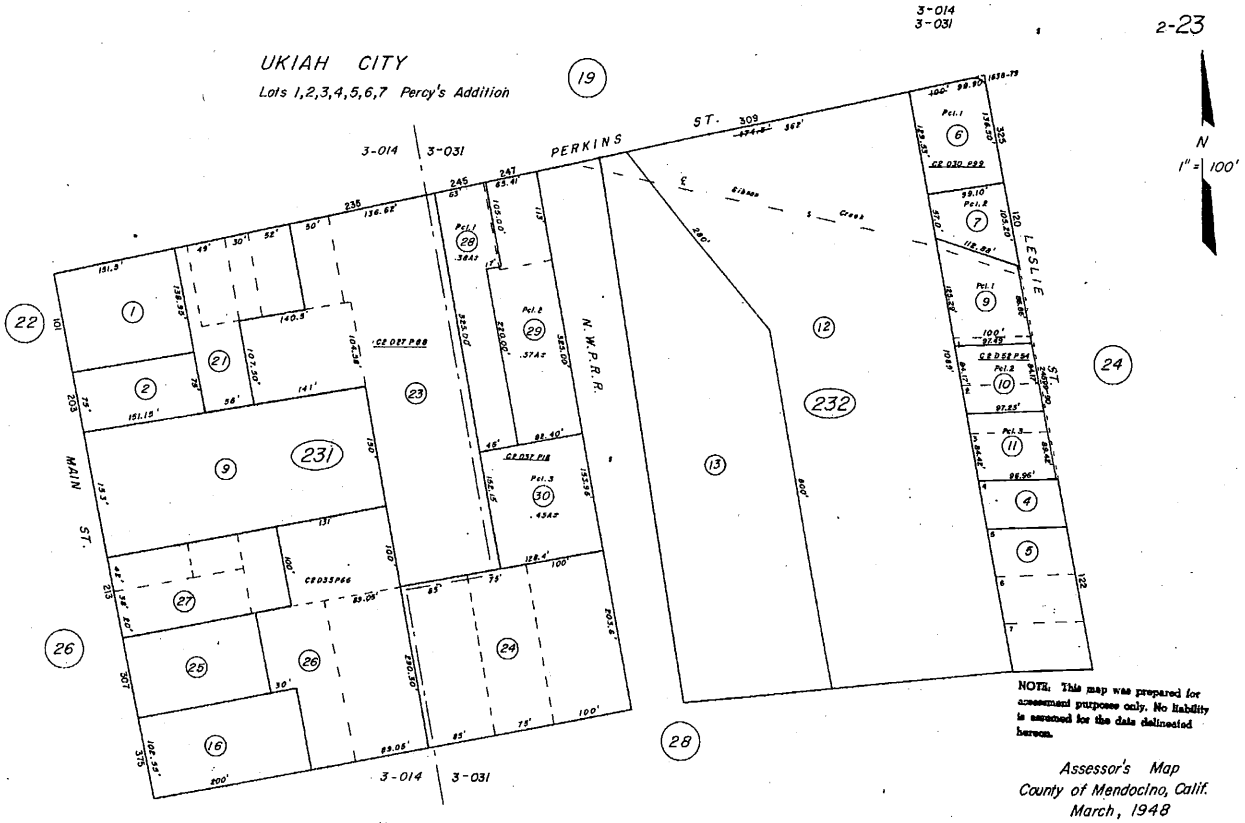
All that portion as described in the deed to the Cloverdale and Ukiah Railroad Company recorded April 14, 1888 in Book 43 of Deeds, Page 420, Mendocino County Records.

Excepting therefrom that portion thereof described as follows:

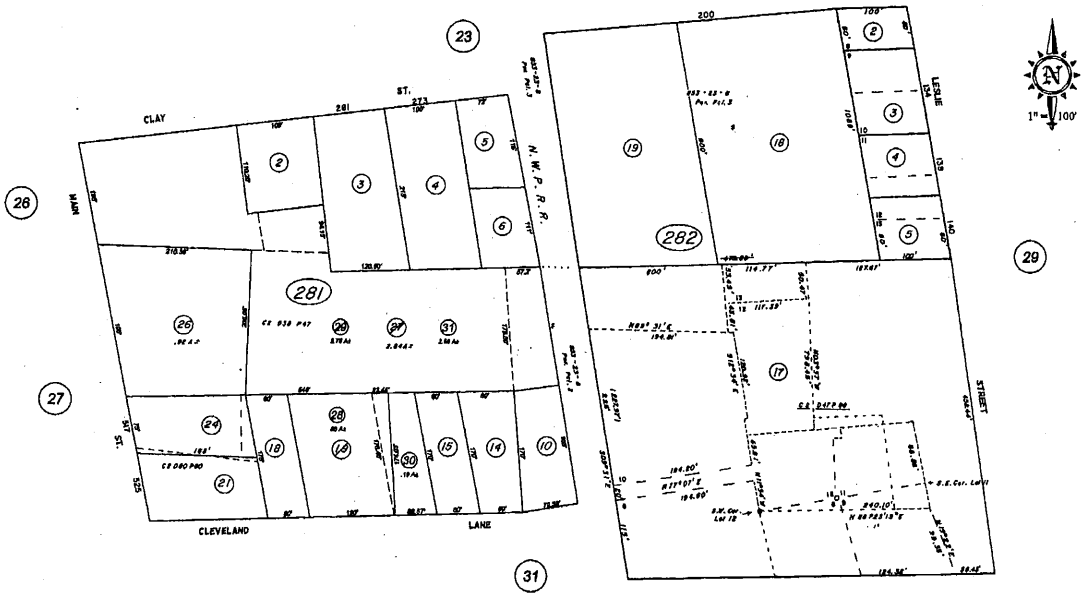
Beginning at the intersection of the Southerly line of Perkins Street, 50 feet wide, with the Southerly prolongation of the Easterly line of land described in Parcel 8 of deed recorded November 16, 1892, Deed Book 57, Page 58, Records of said county; thence Easterly along said Southerly line of Perkins Street, 362 feet to the Northeast corner of land described in said deed recorded in Deed Book 43, Page 420; thence Southerly, along the Easterly line of last said land, 1089 feet to the Southeast corner thereof; thence Westerly, along the Southerly line thereof, to a line distant 225 feet parallel with said Easterly line thereof; thence Northerly, along last said parallel line; 800 feet; thence Northwesterly, in a direct line, 280 feet to the point of beginning.

APN: 002-232-13 and 002-282-19

EXHIBIT B
Assessor's Maps



Ukiah City
Lots 8,9,10,11,12,13 Percy's Add.
Lots 8,9,10,11,12,13 Cleveland Tract



NOTE: This map was prepared for assessment purposes only. No liability is assumed for the data delineated hereon.

Assessor's Map
County of Mendocino, Calif.
Updated June 17, 2011

APPENDIX B

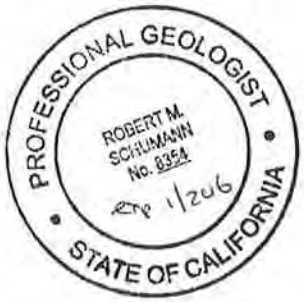
SOIL BORING LOGS

AECOM

AECOM
10461 Old Placerville Road
Sacramento, CA 95827
(916) 361-6400
www.aecom.com

Client: JCC			**Boring No. SB-1**
Project Number: 60306701.1			
Site Description/Location: 309 Perkins Street, Ukiah, CA			*Project Manager:* C. Goodell
Coordinates: Not Surveyed	*Elevation:*	*Datum:*	*Sheet:* 1 of 2
Drilling Equipment/Method: Geoprobe 6600/Direct Push			*Well Installed:* No
Sample Type(s): Macro-core	*Boring Diameter:* 2.25 IN		*Ambient PID:* 0.0 ppm
Approved By: R.Sschumann PG#8354	*Logged By:* C. Goodell	*Date/Time Started:* 10-27-14	*Depth of Boring:* 32 ft bgs
Drilling Contractor: Cascade / Artemio Villegas	*Backfill:* Cement Grout	*Date/Time Finished:* 10-27-14	*Water Level:* 31 ft bgs

Depth (ft)	Sample Depth (ft)	Sample ID	Sample Time	Recovery (ft)	PID Reading (ppm)	USCS	Graphic Log	Soil Boundary (ft bgs)	Visual Description Soil Type (USCS Class) - [gr%,sd%,st%,cl%]	Elevation (ft amsl)
	0.5	SB-1-0.5	0758		0.0	GW-GM		0.5	FILL (GW-GM) - [75,10,15,0] brown (10YR 4/3); dry; stiff; low plasticity; angular, well-graded fine sand; fine to coarse gravel (max 0.7"); Vegetation and Gravel.	
									SILT (ML) - [0,5,90,5] dark brown (10YR 3/3); dry; stiff; low plasticity; no odor.	
5	5	SB-1-5	0815	3	0.0	ML				
				4						
10	10	SB-1-10	0820		0.0			10.0		
						CL			LEAN CLAY (CL) - [0,0,40,60] dark brown (10YR 3/3); dry; stiff; medium plasticity; skunk-like odor.	
				4						
15	15	SB-1-15	0822		0.0			15.0		
						CL			LEAN CLAY (CL) - [0,0,15,85] strong brown (7.5YR 4/6); dry; stiff; medium plasticity; skunk-like odor.	
				4					(8" sandy gravel lense).	
20								20.0		



Notes:

Hand Auger | Collected Sample | Sample Interval | Archived Sample

AECOM
10461 Old Placerville Road
Sacramento, CA 95827
(916) 361-6400
www.aecom.com

Client: JCC			**Boring No. SB-1**
Project Number: 60306701.1			
Site Description/Location: 309 Perkins Street, Ukiah, CA			*Project Manager:* C. Goodell
Coordinates: Not Surveyed	*Elevation:*	*Datum:*	*Sheet:* 2 of 2
Drilling Equipment/Method: Geoprobe 6600/Direct Push			*Well Installed:* No
Sample Type(s): Macro-core	*Boring Diameter:* 2.25 IN.		*Ambient PID:* 0.0 ppm
Approved By: R.Sschumann PG#8354	*Logged By:* C. Goodell	*Date/Time Started:* 10-27-14	*Depth of Boring:* 32 ft bgs
Drilling Contractor: Cascade / Artemio Villegas	*Backfill:* Cement Grout	*Date/Time Finished:* 10-27-14	*Water Level:* 31 ft bgs

Depth (ft)	Sample Depth (ft)	Sample ID	Sample Time	Recovery (ft)	PID Reading (ppm)	USCS	Graphic Log	Soil Boundary (ft bgs)	Visual Description Soil Type (USCS Class) - [gr%,sd%,st%,cl%]	Elevation (ft amsl)
		SB-1-20	0826	4	0.0	ML		25.0	SILT (ML) - [0,0,85,15] brown (7.5YR 4/3); dry; stiff; low to non-plastic; skunk-like odor. (8" gravelly sand lense).	
25		SB-1-25	0832	4	0.0	ML		30.0	SILT (ML) - [0,0,85,15] dark gray (7.5YR 4/1); dry; stiff; low to non-plastic. (becomes moist).	
30		SB-1-30	0837	2	0.0	ML		32.0	SILT WITH SAND (ML) - [0,40,40,20] grayish brown (10YR 5/2); moist; stiff; non-plastic; subrounded, well-graded fine to coarse sand.	
		SB-1-GW	0900							

Geologist terminated boring due to target depth achieved.

PROFESSIONAL GEOLOGIST
ROBERT M. SCHUMANN
No. 8354
11/2016
STATE OF CALIFORNIA

Notes:

AECOM	Client: JCC	Boring No. SB-2
AECOM 10461 Old Placerville Road Sacramento, CA 95827 (916) 361-6400 www.aecom.com	Project Number: 60306701.1	
	Site Description/Location: 309 Perkins Street, Ukiah, CA	Project Manager: C. Goodell
	Coordinates: Not Surveyed Elevation: Datum:	Sheet: 1 of 2
	Drilling Equipment/Method: Geoprobe 6600/Direct Push	Well Installed: No
	Sample Type(s): Macro-core Boring Diameter: 2.25 IN.	Ambient PID: 0.0 ppm
Approved By: PG#8354	Logged By: C. Goodell Date/Time Started: 10-27-14	Depth of Boring: 30 ft bgs
Drilling Contractor: Cascade / Artemio Villegas	Backfill: Cement Grout Date/Time Finished: 10-27-14	Water Level: 29 ft bgs

Depth (ft)	Sample Depth (ft)	Sample ID	Sample Time	Recovery (ft)	PID Reading (ppm)	USCS	Graphic Log	Soil Boundary (ft bgs)	Visual Description Soil Type (USCS Class) - [gr%,sd%,st%,cl%]	Elevation (ft amsl)
		SB-2-0.5	0945		0.0	GM		2.5	SILTY GRAVEL WITH SAND (GM) - [45,5,50,0] grayish brown (10YR 5/2); dry; very dense; low plasticity; angular-rounded, fine to coarse gravel Asphalt and Broken Gravel FIll.	
						ML		5.0	SILT (ML) - [0,5,90,5] grayish brown (10YR 5/2); dry; stiff; low to no plasticity.	
5		SB-2-5	1002	2.5	0.0	ML		10.0	SILT (ML) - [0,10,80,10] brown (10YR 4/3); dry; stiff; ~~low to no~~ plasticity; Skunky odor, trace of fine gravel.	
10		SB-2-10	1005	3	0.0	ML		15.0	SANDY SILT WITH GRAVEL (ML) - [5,45,50,0] reddish brown (5YR 3/2); dry; stiff; non-plastic; subrounded, fine sand; fine gravel.	
15		SB-2-15	1009	3	0.0	SP-SM		19.0	(@14.5' sandy gravel lens). SAND WITH SILT (SP-SM) - [0,65,35,0] dark brown (10YR 3/3); dry to moist; stiff; subrounded, poorly graded fine sand; fine gravel.	
20				4		ML		20.0	SILT (ML) - [0,5,85,10] yellowish brown (10YR 5/4); dry; very dense; low plasticity; fine sand.	

PROFESSIONAL GEOLOGIST
ROBERT M. SCHUMANN
No. 8354
11/2016
STATE OF CALIFORNIA

Notes:

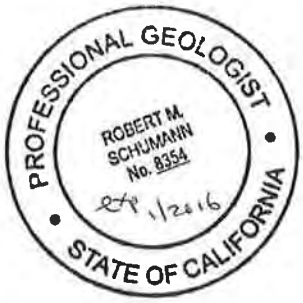
Hand Auger | Collected Sample | Sample Interval | Archived Sample

AECOM
10461 Old Placerville Road
Sacramento, CA 95827
(916) 361-6400
www.aecom.com

Client: JCC			**Boring No. SB-2**
Project Number: 60306701.1			
Site Description/Location: 309 Perkins Street, Ukiah, CA			*Project Manager:* C. Goodell
Coordinates: Not Surveyed	*Elevation:*	*Datum:*	*Sheet:* 2 of 2
Drilling Equipment/Method: Geoprobe 6600/Direct Push			*Well Installed:* No
Sample Type(s): Macro-core	*Boring Diameter:* 2.25 IN.		*Ambient PID:* 0.0 ppm
Approved By: PG#8354	*Logged By:* C. Goodell	*Date/Time Started:* 10-27-14	*Depth of Boring:* 30 ft bgs
Drilling Contractor: Cascade / Artemio Villegas	*Backfill:* Cement Grout	*Date/Time Finished:* 10-27-14	*Water Level:* 29 ft bgs

Depth (ft)	Sample Depth (ft)	Sample ID	Sample Time	Recovery (ft)	PID Reading (ppm)	USCS	Graphic Log	Soil Boundary (ft bgs)	Visual Description Soil Type (USCS Class) - [gr%,sd%,st%,cl%]	Elevation (ft amsl)
		SB-2-20	1018	2	0.0	ML			SILT WITH SAND (ML) - [0,25,75,0] dark brown (10YR 3/3); moist.	
				2						
25		SB-2-25	1031		0.0			25.0		
						SW-SM		26.0	SILT WITH SAND (SW-SM) - [0,50,50,0] reddish brown (2.5YR 2.5/2); moist; stiff; subangular-subrounded, well-graded fine sand.	
				2		SW-SM			SILT WITH SAND (SW-SM) - [0,65,35,0] reddish brown (2.5YR 2.5/2); moist; stiff; subangular-subrounded, well-graded fine sand.	
		SB-2-GW	1045							
30		SB-2-30	1040	2	0.0			30.0		

Geologist terminated boring due to target depth achieved.



Notes:

AECOM
10461 Old Placerville Road
Sacramento, CA 95827
(916) 361-6400
www.aecom.com

Client: JCC			**Boring No. SB-3**
Project Number: 60306701.1			
Site Description/Location: 309 Perkins Street, Ukiah, CA			*Project Manager:* C Goodell
Coordinates: Not Surveyed	*Elevation:*	*Datum:*	*Sheet:* 1 of 2
Drilling Equipment/Method: Geoprobe 6600/Direct Push			*Well Installed:* No
Sample Type(s): Macro-core	*Boring Diameter:* 2.25 IN.		*Ambient PID:* 0.0 ppm
Approved By: PG#8354	*Logged By:* C. Goodell	*Date/Time Started:* 10-27-14	*Depth of Boring:* 30 ft bgs
Drilling Contractor: Cascade / Artemio Villegas	*Backfill:* Cement Grout	*Date/Time Finished:* 10-27-14	*Water Level:* 29 ft bgs

Depth (ft)	Sample Depth (ft)	Sample ID	Sample Time	Recovery (ft)	PID Reading (ppm)	USCS	Graphic Log	Soil Boundary (ft bgs)	Visual Description Soil Type (USCS Class) - [gr%,sd%,st%,cl%]	Elevation (ft amsl)
					0.0	GM		0.5	(GM) - Vegetation and Gravel.	
		SB-3-0.5	1120			ML			SILTY SAND (ML) - [5,10,85,0] brown (10YR 4/3); dry; rounded, well-graded fine sand; fine gravel (max 0.1").	
5					0.0			5.0		
			1130	4		SM			SILTY SAND (SM) - [5,55,40,0] red-brown (5YR 4/3; dry; medium dense; well-graded fine to coarse gravel.	
				3						
10					0.0			10.0		
		SB-3-10	1133			SM			SILTY SAND (SM) - [5,55,40,0] dark brown (7.5YR 3/2); dry; medium dense; well-graded fine sand; fine gravel skunky odor.	
				2.5						
15					0.0					
		SB-3-15	1136							
				2.5					(@19'; red nodules, soil becoming moist).	
20								20.0		

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No. 8354
STATE OF CALIFORNIA
1/2 2016

Notes:

Hand Auger | Collected Sample | Sample Interval | Archived Sample

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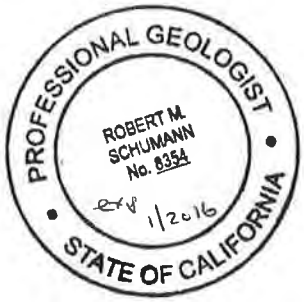
Client: JCC			**Boring No. SB-3**
Project Number: 60306701.1			
Site Description/Location: 309 Perkins Street, Ukiah, CA			*Project Manager:* C. Goodell
Coordinates: Not Surveyed	*Elevation:*	*Datum:*	*Sheet:* 2 of 2
Drilling Equipment/Method: Geoprobe 6600/Direct Push			*Well Installed:* No
Sample Type(s): Macro-core	*Boring Diameter:* 2.25 IN.		*Ambient PID:* 0.0 ppm
Approved By: PG#8354	*Logged By:* C. Goodell	*Date/Time Started:* 10-27-14	*Depth of Boring:* 30 ft bgs
Drilling Contractor: Cascade / Artemio Villegas	*Backfill:* Cement Grout	*Date/Time Finished:* 10-27-14	*Water Level:* 29 ft bgs

Depth (ft)	Sample Depth (ft)	Sample ID	Sample Time	Recovery (ft)	PID Reading (ppm)	USCS	Graphic Log	Soil Boundary (ft bgs)	Visual Description Soil Type (USCS Class) - [gr%,sd%,st%,cl%]	Elevation (ft amsl)
		SB-3-20	1139	4	0.0	ML		25.0	SILT (ML) - [0,40,60,0] strong brown (7.5YR 4/6); moist; stiff; low plasticity; poorly graded fine sand.	
25		SB-3-25	1144	4	0.0	ML		27.5	SILT WITH SAND (ML) - [0,50,50,0] strong brown (7.5YR 4/6); moist; stiff; low plasticity; poorly graded fine sand.	
		SB-3-GW	1155			SM			SILTY SAND (SM) - [5,70,25,0] strong brown (7.5YR 4/6); moist; well-graded fine to coarse sand; fine gravel.	
30		SB-3-30	1149	2	0.0			30.0	Geologist terminated boring due to target depth achieved.	



Notes:

AECOM	Client: JCC	Boring No. SB-4
AECOM 10461 Old Placerville Road Sacramento, CA 95827 (916) 361-6400 www.aecom.com	Project Number: 60306701.1	
	Site Description/Location: 309 Perkins Street, Ukiah, CA	Project Manager: C. Goodell
	Coordinates: Not Surveyed Elevation: Datum:	Sheet: 1 of 2
	Drilling Equipment/Method: Geoprobe 6600/Direct Push	Well Installed: No
	Sample Type(s): Macro-core Boring Diameter: 2.25 IN.	Ambient PID: 0.0 ppm
Approved By: PG#8354	Logged By: C. Goodell Date/Time Started: 10-27-14	Depth of Boring: 30 ft bgs
Drilling Contractor: Cascade / Artemio Villegas	Backfill: Cement Grout Date/Time Finished: 10-27-14	Water Level: 25 ft bgs

Depth (ft)	Sample Depth (ft)	Sample ID	Sample Time	Recovery (ft)	PID Reading (ppm)	USCS	Graphic Log	Soil Boundary (ft bgs)	Visual Description Soil Type (USCS Class) - [gr%,sd%,st%,cl%]	Elevation (ft amsl)
		SB-4-0.5	1303		0.0				SILTY GRAVEL (ML) - [0,10,85,5] dark brown (10YR 3/3); dry; stiff; non-plastic; poorly graded fine sand; grass at surface.	
5		SB-4-5	1330	3	0.0	ML			(@7'; minor gravel).	
				3						
10		SB-4-10	1333		0.0			11.5		
				2.5		SM		15.0	SILTY SAND (SM) - [5,75,30,0] dark red-brown (10YR 3/3); dry; stiff; non-plastic; well-graded fine to coarse sand.	
15		SB-4-15	1335		0.0				SILT WITH SAND (ML) - [0,35,65,0] brown (7.5YR 5/4); dry; non-plastic; well-graded fine sand.	
				3		ML			(@18'; 4" sand lens).	
20									(@19'; color changes to very dark gray 10YR 3/1).	

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Notes:

Hand Auger | Collected Sample | Sample Interval | Archived Sample

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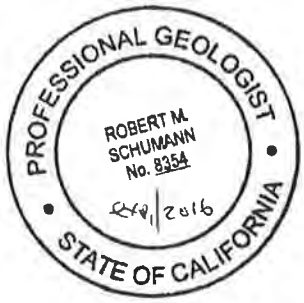
Client: JCC			**Boring No. SB-4**
Project Number: 60306701.1			
Site Description/Location: 309 Perkins Street, Ukiah, CA			*Project Manager:* C. Goodell
Coordinates: Not Surveyed	*Elevation:*	*Datum:*	*Sheet:* 2 of 2
Drilling Equipment/Method: Geoprobe 6600/Direct Push			*Well Installed:* No
Sample Type(s): Macro-core	*Boring Diameter:* 2.25 IN.		*Ambient PID:* 0.0 ppm
Approved By: PG#8354	*Logged By:* C. Goodell	*Date/Time Started:* 10-27-14	*Depth of Boring:* 30 ft bgs
Drilling Contractor: Cascade / Artemio Villegas	*Backfill:* Cement Grout	*Date/Time Finished:* 10-27-14	*Water Level:* 25 ft bgs

Depth (ft)	Sample Depth (ft)	Sample ID	Sample Time	Recovery (ft)	PID Reading (ppm)	USCS	Graphic Log	Soil Boundary (ft bgs)	Visual Description Soil Type (USCS Class) - [gr%,sd%,st%,cl%]	Elevation (ft amsl)
		SB-4-20	1341	4	0.0	ML0			SILT WITH SAND (ML) - [0,35,65,0] brown (7.5YR 5/4); dry; non-plastic; well-graded fine sand. *(continued)* (@21.5'; minor gravel, color back to brown 7.5 YR 4/3).	
25		SB-4-GW	1415	2	0.0				(@24.5'; 12" fine to coarse sand layer).	
		SB-4-25	1400	4				28.0		
						SM			SILTY SAND (SM) - [0,65,45,0] brown (7.5YR 4/3); moist to wet; well-graded fine to coarse sand.	
30		SB-4-30	1405		0.0			30.0	Geologist terminated boring due to target depth achieved.	



Notes:

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Sacramento, CA 95827
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Client: JCC			**Boring No. SB-5**
Project Number: 60306701.1			
Site Description/Location: 309 Perkins Street, Ukiah, CA			*Project Manager:* C. Goodell
Coordinates: Not Surveyed	*Elevation:*	*Datum:*	*Sheet:* 1 of 2
Drilling Equipment/Method: Geoprobe 6600/Direct Push			*Well Installed:* No
Sample Type(s): Macro-core	*Boring Diameter:* 2.25 IN.		*Ambient PID:* 0.0 ppm
Approved By: PG#8354	*Logged By:* C. Goodell	*Date/Time Started:* 10-27-14	*Depth of Boring:* 34 ft bgs
Drilling Contractor: Cascade / Artemio Villegas	*Backfill:* Cement Grout	*Date/Time Finished:* 10-27-14	*Water Level:* 32 ft bgs

Depth (ft)	Sample Depth (ft)	Sample ID	Sample Time	Recovery (ft)	PID Reading (ppm)	USCS	Graphic Log	Soil Boundary (ft bgs)	Visual Description Soil Type (USCS Class) - [gr%,sd%,st%,cl%]	Elevation (ft amsl)
		SB-5-0.5	1450		0.0	ML			SILT (ML) - [10,10,80,0] brown (10YR 5/3); dry; stiff; low plasticity; angular-subrounded, fine gravel vegetation at surface, minor charcoal observed.	
5		SB-5-5	1500	2.5	0.0			5.0		
						ML			SILT (ML) - [5,5,85,0] brown (10YR 5/3); dry; stiff; low plasticity; subrounded, micaceous.	
				1.5					(@9'; minor gravel).	
10		SB-5-10	1512		0.0			12.0		
						ML			SANDY SILT (ML) - [0,30,70,0] brown (7.5YR 4/3); moist; medium dense; low plasticity; subrounded, poorly graded fine sand; trace gravel.	
				2.5						
15		SB-5-15	1527		0.0			16.0		
						SM			SILTY SAND (SM) - [0,50,50,0] brown (7.5YR 4/3); moist; loose; low plasticity; subrounded, poorly graded fine sand.	
				4						
20								20.0		

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11/2016

Notes:

Hand Auger | Collected Sample | Sample Interval | Archived Sample

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Client: JCC			**Boring No. SB-5**
Project Number: 60306701.1			
Site Description/Location: 309 Perkins Street, Ukiah, CA			*Project Manager:* C. Goodell
Coordinates: Not Surveyed	*Elevation:*	*Datum:*	*Sheet:* 2 of 2
Drilling Equipment/Method: Geoprobe 6600/Direct Push			*Well Installed:* No
Sample Type(s): Macro-core	*Boring Diameter:* 2.25 IN.		*Ambient PID:* 0.0 ppm
Approved By: PG#8354	*Logged By:* C. Goodell	*Date/Time Started:* 10-27-14	*Depth of Boring:* 34 ft bgs
Drilling Contractor: Cascade / Artemio Villegas	*Backfill:* Cement Grout	*Date/Time Finished:* 10-27-14	*Water Level:* 32 ft bgs

Depth (ft)	Sample Depth (ft)	Sample ID	Sample Time	Recovery (ft)	PID Reading (ppm)	USCS	Graphic Log	Soil Boundary (ft bgs)	Visual Description Soil Type (USCS Class) - [gr%,sd%,st%,cl%]	Elevation (ft amsl)
		SB-5-20	1528	4	0.0	ML		25.0	SILT (ML) - [0,10,60,30] brown (7.5YR 4/3); moist; medium dense; low plasticity; fine sand.	
25		SB-5-25	1534	3	0.0	ML		27.0	SILT (ML) - [0,20,80,0] dark reddish brown (5YR 3/2); moist; medium dense; low plasticity; fine sand; sand increasing at 26 feet.	
				3		SM			SILTY SAND (SM) - [0,55,45,0] brown (7.5YR 4/3); moist; dense; subangular-subrounded, well-graded fine to coarse sand.	
30		SB-5-30	1537		0.0					
		SB-5-GW	1550	4				34.0		

Geologist terminated boring due to target depth achieved.

PROFESSIONAL GEOLOGIST
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exp 1/2016
STATE OF CALIFORNIA

Notes:

APPENDIX C

LABORATORY ANALYTICAL REPORTS

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Carmen Goodell
AECOM Technical Services
2101 Webster Street
Suite 1900
Oakland, CA 94612

Client	AECOM Technical Services
Workorder	21092 AOC CP479 Ukiah
Received	10/28/14

The samples were received in EPA specified containers. The samples were transported and received under documented chain of custody and stored at four (4) degrees C until analysis was performed.

Sparger Technology, Inc. ID Suffix Keys - These descriptors will follow the Sparger Technology, Inc. ID numbers and help identify the specific sample and clarify the report.

- DUP - Matrix Duplicate
- MS - Matrix Spike
- MSD - Matrix Spike Duplicate
- LCS - Lab Control Sample
- LCSD - Lab Control Sample Duplicate
- RPD - Relative Percent Difference
- QC - Additional Quality Control
- DIL - Results from a diluted sample
- ND - None Detected
- RL - Reporting Limit

Note: In an effort to conserve paper, the results are printed on both sides of the paper.

Ray James
Laboratory Director

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Carmen Goodell
JCC c/o AECOM
2101 Webster Street
Suite 1900
Oakland, CA 94612

Workorder 21092

Enclosed are the results from samples received on October 28, 2014.

The requested analyses are listed below.

SAMPLE	SAMPLE DESCRIPTION	DATE COLLECTED	TEST METHOD
21092001	SB-1-0.5, Soil	10/27/14	8015B TEPH S 8015B TPHgas S 8260B S EPA 8310 S 6010B S 7471A S HG
21092002	SB-1-5, Soil	10/27/14	8015B TEPH S 8015B TPHgas S 8260B S EPA 8310 S 6010B S 7471A S HG
21092003	SB-1-10, Soil	10/27/14	8015B TEPH S 8015B TPHgas S 8260B S EPA 8310 S 6010B S 7471A S HG
21092004	SB-1-GW, Water	10/27/14	8015B TEPH 8015B TPHgas 8260B EPA 8310 6010B 7470A
21092005	SB-2-0.5, Soil	10/27/14	8015B TEPH S 8015B TPHgas S 8260B S EPA 8310 S 6010B S 7471A S HG
21092006	SB-2-5, Soil	10/27/14	8015B TEPH S 8015B TPHgas S 8260B S EPA 8310 S 6010B S

			7471A S HG
21092007	SB-2-GW, Water	10/27/14	8015B TEPH 8015B TPHgas 8260B EPA 8310 6010B 7470A
21092008	SB-3-0.5, Soil	10/27/14	8015B TEPH S 8015B TPHgas S 8260B S EPA 8310 S 6010B S 7471A S HG
21092009	SB-3-5, Soil	10/27/14	8015B TEPH S 8015B TPHgas S 8260B S EPA 8310 S 6010B S 7471A S HG
21092010	SB-3-10, Soil	10/27/14	8015B TEPH S 8015B TPHgas S 8260B S EPA 8310 S 6010B S 7471A S HG
21092011	SB-3-GW, Water	10/27/14	8015B TEPH 8015B TPHgas 8260B EPA 8310 6010B 7470A
21092012	SB-4-0.5, Soil	10/27/14	8015B TEPH S 8015B TPHgas S 8260B S EPA 8310 S 6010B S 7471A S HG
21092013	SB-4-5, Soil	10/27/14	8015B TEPH S 8015B TPHgas S 8260B S EPA 8310 S 6010B S 7471A S HG
21092014	SB-4-GW, Water	10/27/14	8015B TEPH 8015B TPHgas 8260B EPA 8310 6010B 7470A

Workorder 21092

SAMPLE	SAMPLE DESCRIPTION	DATE COLLECTED	TEST METHOD
21092015	SB-5-0.5, Soil	10/27/14	8015B TEPH S 8015B TPHgas S 8260B S EPA 8310 S 6010B S 7471A S HG
21092016	SB-5-5, Soil	10/27/14	8015B TEPH S 8015B TPHgas S 8260B S EPA 8310 S 6010B S 7471A S HG
21092017	SB-5-GW, Water	10/27/14	8015B TEPH 8015B TPHgas 8260B EPA 8310 6010B 7470A

Test Certificate of Analysis

Client ID AECOM Technical Services
Workorder # 21092 **Workorder ID** AOC CP479 Ukiah

Laboratory ID 21092001 **Sampled** 10/27/14
Sample ID SB-1-0.5 **Received** 10/28/14
Matrix Soil **Reported** 11/04/14

8015B TEPH

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
TPHdiesel	8015B TEPH S	10/29/14	10/30/14	ND	1.0	mg/Kg	1:1

Laboratory ID 21092001 **Sampled** 10/27/14
Sample ID SB-1-0.5 **Received** 10/28/14
Matrix Soil **Reported** 11/04/14

8015B TPH Gas

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
TPHgas	8015B TPHgas S	10/29/14	10/29/14	ND	0.50	mg/Kg	1:1

Surrogates	Result	Recovery	Limits
Trifluorotoluene	20.3 ug/kg	102 %	(65 - 135)

Laboratory ID 21092001 **Sampled** 10/27/14
Sample ID SB-1-0.5 **Received** 10/28/14
Matrix Soil **Reported** 11/04/14

8260B GC/MS Volatiles

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
1,1,1,2-Tetrachloroethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,1,1-Trichloroethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,1,2,2-Tetrachloroethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,1,2-Trichloroethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,1-Dichloroethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,1-Dichloroethene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,1-dichloropropane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2,3-Trichlorobenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2,3-Trichloropropane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2,4-Trichlorobenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2,4-Trimethylbenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2-Dibromo-3-chloropropane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2-Dibromoethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2-Dichlorobenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2-Dichloroethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2-Dichloropropane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,3,5-Trimethylbenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,3-Dichlorobenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,3-Dichloropropane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,4-Dichlorobenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1

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Test Certificate of Analysis

Client ID AECOM Technical Services
Workorder # 21092 **Workorder ID** AOC CP479 Ukiah

Laboratory ID 21092001 **Sampled** 10/27/14
Sample ID SB-1-0.5 **Received** 10/28/14
Matrix Soil **Reported** 11/04/14

8260B GC/MS Volatiles (continued)

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
2,2-dichloropropane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
2-Butanone	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
2-Chloroethylvinyl ether	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
2-Chlorotoluene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
2-Hexanone	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
4-Chlorotoluene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
4-Isopropyltoluene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
4-Methyl-2-pentanone	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Acetone	**8260B S**	**10/29/14**	**10/29/14**	**5.0**	**2.0**	**ug/kg**	**1:1**
Acrolein	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Acrylonitrile	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Benzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Bromobenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Bromochloromethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Bromodichloromethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Bromoform	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Bromomethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Carbon disulfide	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Carbon tetrachloride	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Chlorobenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Chloroethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Chloroform	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Chloromethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Dibromochloromethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Dibromomethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Dichlorodifluoromethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Dichloromethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Ethylbenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Hexachlorobutadiene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Iodomethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Isopropylbenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Naphthalene	8260B S	10/29/14	10/29/14	ND	1.0	ug/kg	1:1
Styrene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Tetrachloroethene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Toluene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Trichloroethene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1

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Test Certificate of Analysis

Client ID AECOM Technical Services
Workorder # 21092 **Workorder ID** AOC CP479 Ukiah

Laboratory ID 21092001 **Sampled** 10/27/14
Sample ID SB-1-0.5 **Received** 10/28/14
Matrix Soil **Reported** 11/04/14

8260B GC/MS Volatiles (continued)

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Trichlorofluoromethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Vinyl acetate	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Vinyl chloride	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
cis-1,2-Dichloroethene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
cis-1,3-Dichloropropene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
m,p-Xylene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
n-Butylbenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
n-Propylbenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
o-Xylene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
sec-Butylbenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
tert-Butylbenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
trans-1,2-Dichloroethene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
trans-1,3-Dichloropropene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Methyl-tert-butyl-ether	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1

Surrogates	Result	Recovery	Limits
1,2-Dichloroethane-d4	59 ug/kg	118 %	(65 - 135)
Toluene d8	49 ug/kg	98 %	(65 - 135)
4-Bromofluorobenzene	45 ug/kg	90 %	(65 - 135)

Laboratory ID 21092001 **Sampled** 10/27/14
Sample ID SB-1-0.5 **Received** 10/28/14
Matrix Soil **Reported** 11/04/14

8310 by HPLC

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Acenaphthene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Acenaphthylene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Anthracene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Benzo(a)anthracene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Benzo(a)pyrene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Benzo(b)fluoranthene	**EPA 8310 S**	**10/29/14**	**11/03/14**	**0.01**	**0.010**	**mg/Kg**	**1:1**
Benzo(g,h,i)perylene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Benzo(k)fluoranthene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Chrysene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Dibenzo(a,h)anthracene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Fluoranthene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Fluorene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1

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Laboratory ID 21092001 **Sampled** 10/27/14
Sample ID SB-1-0.5 **Received** 10/28/14
Matrix Soil **Reported** 11/04/14

8310 by HPLC (continued)

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Indeno(1,2,3-cd)pyrene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Naphthalene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Phenanthrene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Pyrene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1

Surrogates	Result	Recovery	Limits
p-Terphenyl	1.39 mg/Kg	83 %	(35 - 135)

Laboratory ID 21092001 **Sampled** 10/27/14
Sample ID SB-1-0.5 **Received** 10/28/14
Matrix Soil **Reported** 11/04/14

CAM17 TTLC

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Antimony	6010B S	10/29/14	10/31/14	ND	2.0	mg/Kg	1:1
Arsenic	**6010B S**	**10/29/14**	**10/31/14**	**28**	**2.0**	**mg/Kg**	**1:1**
Barium	**6010B S**	**10/29/14**	**10/31/14**	**95**	**2.0**	**mg/Kg**	**1:1**
Beryllium	6010B S	10/29/14	10/31/14	ND	0.30	mg/Kg	1:1
Cadmium	6010B S	10/29/14	10/31/14	ND	0.50	mg/Kg	1:1
Chromium	**6010B S**	**10/29/14**	**10/31/14**	**30**	**1.0**	**mg/Kg**	**1:1**
Cobalt	**6010B S**	**10/29/14**	**10/31/14**	**10**	**2.0**	**mg/Kg**	**1:1**
Copper	**6010B S**	**10/29/14**	**10/31/14**	**26**	**2.0**	**mg/Kg**	**1:1**
Lead	**6010B S**	**10/29/14**	**10/31/14**	**33**	**1.0**	**mg/Kg**	**1:1**
Mercury	**7471A S HG**	**10/29/14**	**10/30/14**	**0.13**	**0.0050**	**mg/Kg**	**1:1**
Molybdenum	6010B S	10/29/14	10/31/14	ND	2.0	mg/Kg	1:1
Nickel	**6010B S**	**10/29/14**	**10/31/14**	**73**	**4.0**	**mg/Kg**	**1:1**
Selenium	6010B S	10/29/14	10/31/14	ND	5.0	mg/Kg	1:1
Silver	6010B S	10/29/14	10/31/14	ND	0.50	mg/Kg	1:1
Thallium	6010B S	10/29/14	10/31/14	ND	5.0	mg/Kg	1:1
Vanadium	**6010B S**	**10/29/14**	**10/31/14**	**28**	**1.0**	**mg/Kg**	**1:1**
Zinc	**6010B S**	**10/29/14**	**10/31/14**	**105**	**1.5**	**mg/Kg**	**1:1**

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Sample ID SB-1-5 **Received** 10/28/14
Matrix Soil **Reported** 11/04/14

8015B TEPH

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
TPHdiesel	8015B TEPH S	10/29/14	10/30/14	ND	1.0	mg/Kg	1:1

Laboratory ID 21092002 **Sampled** 10/27/14
Sample ID SB-1-5 **Received** 10/28/14
Matrix Soil **Reported** 11/04/14

8015B TPH Gas

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
TPHgas	8015B TPHgas S	10/29/14	10/29/14	ND	0.50	mg/Kg	1:1

Surrogates	Result	Recovery	Limits
Trifluorotoluene	17.7 ug/kg	88 %	(65 - 135)

Laboratory ID 21092002 **Sampled** 10/27/14
Sample ID SB-1-5 **Received** 10/28/14
Matrix Soil **Reported** 11/04/14

8260B GC/MS Volatiles

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
1,1,1,2-Tetrachloroethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,1,1-Trichloroethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,1,2,2-Tetrachloroethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,1,2-Trichloroethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,1-Dichloroethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,1-Dichloroethene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,1-dichloropropane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2,3-Trichlorobenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2,3-Trichloropropane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2,4-Trichlorobenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2,4-Trimethylbenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2-Dibromo-3-chloropropane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2-Dibromoethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2-Dichlorobenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2-Dichloroethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2-Dichloropropane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,3,5-Trimethylbenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,3-Dichlorobenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,3-Dichloropropane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,4-Dichlorobenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1

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Laboratory ID 21092002 **Sampled** 10/27/14
Sample ID SB-1-5 **Received** 10/28/14
Matrix Soil **Reported** 11/04/14

8260B GC/MS Volatiles (continued)

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
2,2-dichloropropane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
2-Butanone	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
2-Chloroethylvinyl ether	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
2-Chlorotoluene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
2-Hexanone	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
4-Chlorotoluene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
4-Isopropyltoluene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
4-Methyl-2-pentanone	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Acetone	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Acrolein	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Acrylonitrile	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Benzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Bromobenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Bromochloromethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Bromodichloromethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Bromoform	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Bromomethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Carbon disulfide	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Carbon tetrachloride	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Chlorobenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Chloroethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Chloroform	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Chloromethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Dibromochloromethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Dibromomethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Dichlorodifluoromethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Dichloromethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Ethylbenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Hexachlorobutadiene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Iodomethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Isopropylbenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Naphthalene	8260B S	10/29/14	10/29/14	ND	1.0	ug/kg	1:1
Styrene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Tetrachloroethene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Toluene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Trichloroethene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1

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Client ID AECOM Technical Services
Workorder # 21092 **Workorder ID** AOC CP479 Ukiah

Laboratory ID 21092002 **Sampled** 10/27/14
Sample ID SB-1-5 **Received** 10/28/14
Matrix Soil **Reported** 11/04/14

8260B GC/MS Volatiles (continued)

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Trichlorofluoromethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Vinyl acetate	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Vinyl chloride	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
cis-1,2-Dichloroethene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
cis-1,3-Dichloropropene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
m,p-Xylene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
n-Butylbenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
n-Propylbenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
o-Xylene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
sec-Butylbenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
tert-Butylbenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
trans-1,2-Dichloroethene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
trans-1,3-Dichloropropene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Methyl-tert-butyl-ether	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1

Surrogates	Result	Recovery	Limits
1,2-Dichloroethane-d4	57 ug/kg	114 %	(65 - 135)
Toluene d8	48 ug/kg	96 %	(65 - 135)
4-Bromofluorobenzene	45 ug/kg	90 %	(65 - 135)

Laboratory ID 21092002 **Sampled** 10/27/14
Sample ID SB-1-5 **Received** 10/28/14
Matrix Soil **Reported** 11/04/14

8310 by HPLC

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Acenaphthene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Acenaphthylene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Anthracene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Benzo(a)anthracene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Benzo(a)pyrene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Benzo(b)fluoranthene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Benzo(g,h,i)perylene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Benzo(k)fluoranthene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Chrysene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Dibenzo(a,h)anthracene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Fluoranthene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Fluorene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1

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Sample ID SB-1-5 **Received** 10/28/14
Matrix Soil **Reported** 11/04/14

8310 by HPLC (continued)

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Indeno(1,2,3-cd)pyrene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Naphthalene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Phenanthrene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Pyrene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1

Surrogates	Result	Recovery	Limits
p-Terphenyl	1.33 mg/Kg	80 %	(35 - 135)

Laboratory ID 21092002 **Sampled** 10/27/14
Sample ID SB-1-5 **Received** 10/28/14
Matrix Soil **Reported** 11/04/14

CAM17 TTLC

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Antimony	6010B S	10/29/14	10/31/14	ND	2.0	mg/Kg	1:1
Arsenic	**6010B S**	**10/29/14**	**10/31/14**	**7.0**	**2.0**	**mg/Kg**	**1:1**
Barium	**6010B S**	**10/29/14**	**10/31/14**	**157**	**2.0**	**mg/Kg**	**1:1**
Beryllium	6010B S	10/29/14	10/31/14	ND	0.30	mg/Kg	1:1
Cadmium	6010B S	10/29/14	10/31/14	ND	0.50	mg/Kg	1:1
Chromium	**6010B S**	**10/29/14**	**10/31/14**	**364**	**1.0**	**mg/Kg**	**1:1**
Cobalt	**6010B S**	**10/29/14**	**10/31/14**	**29**	**2.0**	**mg/Kg**	**1:1**
Copper	**6010B S**	**10/29/14**	**10/31/14**	**25**	**2.0**	**mg/Kg**	**1:1**
Lead	**6010B S**	**10/29/14**	**10/31/14**	**7.9**	**1.0**	**mg/Kg**	**1:1**
Mercury	**7471A S HG**	**10/29/14**	**10/30/14**	**0.042**	**0.0050**	**mg/Kg**	**1:1**
Molybdenum	6010B S	10/29/14	10/31/14	ND	2.0	mg/Kg	1:1
Nickel	**6010B S**	**10/29/14**	**10/31/14**	**348**	**4.0**	**mg/Kg**	**1:1**
Selenium	6010B S	10/29/14	10/31/14	ND	5.0	mg/Kg	1:1
Silver	6010B S	10/29/14	10/31/14	ND	0.50	mg/Kg	1:1
Thallium	6010B S	10/29/14	10/31/14	ND	5.0	mg/Kg	1:1
Vanadium	**6010B S**	**10/29/14**	**10/31/14**	**34**	**1.0**	**mg/Kg**	**1:1**
Zinc	**6010B S**	**10/29/14**	**10/31/14**	**60**	**1.5**	**mg/Kg**	**1:1**

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Client ID AECOM Technical Services
Workorder # 21092 **Workorder ID** AOC CP479 Ukiah

Laboratory ID 21092003 **Sampled** 10/27/14
Sample ID SB-1-10 **Received** 10/28/14
Matrix Soil **Reported** 11/04/14

8015B TEPH

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
TPHdiesel	8015B TEPH S	10/29/14	10/30/14	ND	1.0	mg/Kg	1:1

Laboratory ID 21092003 **Sampled** 10/27/14
Sample ID SB-1-10 **Received** 10/28/14
Matrix Soil **Reported** 11/04/14

8015B TPH Gas

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
TPHgas	8015B TPHgas S	10/29/14	10/29/14	ND	0.50	mg/Kg	1:1

Surrogates	Result	Recovery	Limits
Trifluorotoluene	15.9 ug/kg	80 %	(65 - 135)

Laboratory ID 21092003 **Sampled** 10/27/14
Sample ID SB-1-10 **Received** 10/28/14
Matrix Soil **Reported** 11/04/14

8260B GC/MS Volatiles

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
1,1,1,2-Tetrachloroethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,1,1-Trichloroethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,1,2,2-Tetrachloroethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,1,2-Trichloroethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,1-Dichloroethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,1-Dichloroethene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,1-dichloropropane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2,3-Trichlorobenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2,3-Trichloropropane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2,4-Trichlorobenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2,4-Trimethylbenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2-Dibromo-3-chloropropane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2-Dibromoethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2-Dichlorobenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2-Dichloroethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2-Dichloropropane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,3,5-Trimethylbenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,3-Dichlorobenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,3-Dichloropropane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,4-Dichlorobenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1

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Laboratory ID 21092003 **Sampled** 10/27/14
Sample ID SB-1-10 **Received** 10/28/14
Matrix Soil **Reported** 11/04/14

8260B GC/MS Volatiles (continued)

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
2,2-dichloropropane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
2-Butanone	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
2-Chloroethylvinyl ether	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
2-Chlorotoluene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
2-Hexanone	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
4-Chlorotoluene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
4-Isopropyltoluene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
4-Methyl-2-pentanone	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Acetone	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Acrolein	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Acrylonitrile	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Benzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Bromobenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Bromochloromethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Bromodichloromethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Bromoform	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Bromomethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Carbon disulfide	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Carbon tetrachloride	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Chlorobenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Chloroethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Chloroform	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Chloromethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Dibromochloromethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Dibromomethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Dichlorodifluoromethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Dichloromethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Ethylbenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Hexachlorobutadiene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Iodomethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Isopropylbenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Naphthalene	8260B S	10/29/14	10/29/14	ND	1.0	ug/kg	1:1
Styrene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Tetrachloroethene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Toluene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Trichloroethene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1

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Sample ID SB-1-10 **Received** 10/28/14
Matrix Soil **Reported** 11/04/14

8260B GC/MS Volatiles (continued)

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Trichlorofluoromethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Vinyl acetate	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Vinyl chloride	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
cis-1,2-Dichloroethene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
cis-1,3-Dichloropropene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
m,p-Xylene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
n-Butylbenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
n-Propylbenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
o-Xylene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
sec-Butylbenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
tert-Butylbenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
trans-1,2-Dichloroethene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
trans-1,3-Dichloropropene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Methyl-tert-butyl-ether	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1

Surrogates	Result	Recovery	Limits
1,2-Dichloroethane-d4	55 ug/kg	110 %	(65 - 135)
Toluene d8	47 ug/kg	94 %	(65 - 135)
4-Bromofluorobenzene	41 ug/kg	82 %	(65 - 135)

Laboratory ID 21092003 **Sampled** 10/27/14
Sample ID SB-1-10 **Received** 10/28/14
Matrix Soil **Reported** 11/04/14

8310 by HPLC

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Acenaphthene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Acenaphthylene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Anthracene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Benzo(a)anthracene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Benzo(a)pyrene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Benzo(b)fluoranthene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Benzo(g,h,i)perylene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Benzo(k)fluoranthene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Chrysene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Dibenzo(a,h)anthracene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Fluoranthene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Fluorene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1

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Sample ID SB-1-10 **Received** 10/28/14
Matrix Soil **Reported** 11/04/14

8310 by HPLC (continued)

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Indeno(1,2,3-cd)pyrene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Naphthalene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Phenanthrene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Pyrene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1

Surrogates	Result	Recovery	Limits
p-Terphenyl	1.15 mg/Kg	69 %	(35 - 135)

Laboratory ID 21092003 **Sampled** 10/27/14
Sample ID SB-1-10 **Received** 10/28/14
Matrix Soil **Reported** 11/04/14

CAM17 TTLC

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Antimony	6010B S	10/29/14	10/31/14	ND	2.0	mg/Kg	1:1
Arsenic	**6010B S**	**10/29/14**	**10/31/14**	**9.0**	**2.0**	**mg/Kg**	**1:1**
Barium	**6010B S**	**10/29/14**	**10/31/14**	**128**	**2.0**	**mg/Kg**	**1:1**
Beryllium	6010B S	10/29/14	10/31/14	ND	0.30	mg/Kg	1:1
Cadmium	6010B S	10/29/14	10/31/14	ND	0.50	mg/Kg	1:1
Chromium	**6010B S**	**10/29/14**	**10/31/14**	**56**	**1.0**	**mg/Kg**	**1:1**
Cobalt	**6010B S**	**10/29/14**	**10/31/14**	**12**	**2.0**	**mg/Kg**	**1:1**
Copper	**6010B S**	**10/29/14**	**10/31/14**	**24**	**2.0**	**mg/Kg**	**1:1**
Lead	**6010B S**	**10/29/14**	**10/31/14**	**6.5**	**1.0**	**mg/Kg**	**1:1**
Mercury	**7471A S HG**	**10/29/14**	**10/30/14**	**0.071**	**0.0050**	**mg/Kg**	**1:1**
Molybdenum	6010B S	10/29/14	10/31/14	ND	2.0	mg/Kg	1:1
Nickel	**6010B S**	**10/29/14**	**10/31/14**	**69**	**4.0**	**mg/Kg**	**1:1**
Selenium	6010B S	10/29/14	10/31/14	ND	5.0	mg/Kg	1:1
Silver	6010B S	10/29/14	10/31/14	ND	0.50	mg/Kg	1:1
Thallium	6010B S	10/29/14	10/31/14	ND	5.0	mg/Kg	1:1
Vanadium	**6010B S**	**10/29/14**	**10/31/14**	**30**	**1.0**	**mg/Kg**	**1:1**
Zinc	**6010B S**	**10/29/14**	**10/31/14**	**45**	**1.5**	**mg/Kg**	**1:1**

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Laboratory ID 21092004 **Sampled** 10/27/14
Sample ID SB-1-GW **Received** 10/28/14
Matrix Water **Reported** 11/05/14

8015B TEPH

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
TPHdiesel	8015B TEPH	10/29/14	10/30/14	ND	50	ug/L	1:1

Laboratory ID 21092004 **Sampled** 10/27/14
Sample ID SB-1-GW **Received** 10/28/14
Matrix Water **Reported** 11/05/14

8015B TPH Gas

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
TPHgas	8015B TPHgas	10/31/14	10/31/14	ND	50	ug/L	1:1

Surrogates	Result	Recovery	Limits
Trifluorotoluene	16.2 ug/L	81 %	(65 - 135)

Laboratory ID 21092004 **Sampled** 10/27/14
Sample ID SB-1-GW **Received** 10/28/14
Matrix Water **Reported** 11/05/14

8260B GC/MS Volatiles

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
1,1,1,2-Tetrachloroethane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,1,1-Trichloroethane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,1,2,2-Tetrachloroethane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,1,2-Trichloroethane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,1-Dichloroethane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,1-Dichloroethene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,1-dichloropropane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,2,3-Trichlorobenzene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,2,3-Trichloropropane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,2,4-Trichlorobenzene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,2,4-Trimethylbenzene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,2-Dibromo-3-chloropropane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,2-Dibromoethane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,2-Dichlorobenzene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,2-Dichloroethane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,2-Dichloropropane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,3,5-Trimethylbenzene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,3-Dichlorobenzene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,3-Dichloropropane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,4-Dichlorobenzene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1

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Laboratory ID 21092004 **Sampled** 10/27/14
Sample ID SB-1-GW **Received** 10/28/14
Matrix Water **Reported** 11/05/14

8260B GC/MS Volatiles (continued)

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
2,2-dichloropropane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
2-Butanone	8260B	10/28/14	10/28/14	ND	5.0	ug/L	1:1
2-Chloroethylvinyl ether	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
2-Chlorotoluene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
2-Hexanone	8260B	10/28/14	10/28/14	ND	10	ug/L	1:1
4-Chlorotoluene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
4-Isopropyltoluene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
4-Methyl-2-pentanone	8260B	10/28/14	10/28/14	ND	5.0	ug/L	1:1
Acetone	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Acrolein	8260B	10/28/14	10/28/14	ND	10	ug/L	1:1
Acrylonitrile	8260B	10/28/14	10/28/14	ND	10	ug/L	1:1
Benzene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Bromobenzene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Bromochloromethane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Bromodichloromethane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Bromoform	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Bromomethane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Carbon disulfide	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Carbon tetrachloride	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Chlorobenzene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Chloroethane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Chloroform	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Chloromethane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Dibromochloromethane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Dibromomethane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Dichlorodifluoromethane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Dichloromethane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Ethylbenzene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Hexachlorobutadiene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Iodomethane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Isopropylbenzene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Naphthalene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Styrene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Tetrachloroethene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Toluene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Trichloroethene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1

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Test Certificate of Analysis

Client ID AECOM Technical Services
Workorder # 21092 **Workorder ID** AOC CP479 Ukiah

Laboratory ID 21092004 **Sampled** 10/27/14
Sample ID SB-1-GW **Received** 10/28/14
Matrix Water **Reported** 11/05/14

8260B GC/MS Volatiles (continued)

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Trichlorofluoromethane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Vinyl acetate	8260B	10/28/14	10/28/14	ND	5.0	ug/L	1:1
Vinyl chloride	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
cis-1,2-Dichloroethene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
cis-1,3-Dichloropropene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
m,p-Xylene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
n-Butylbenzene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
n-Propylbenzene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
o-Xylene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
sec-Butylbenzene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
tert-Butylbenzene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
trans-1,2-Dichloroethene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
trans-1,3-Dichloropropene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Methyl-tert-butyl-ether	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1

Surrogates	Result	Recovery	Limits
1,2-Dichloroethane-d4	51 ug/L	102 %	(70 - 135)
Toluene d8	52 ug/L	104 %	(70 - 135)
4-Bromofluorobenzene	50 ug/L	100 %	(70 - 135)

Laboratory ID 21092004 **Sampled** 10/27/14
Sample ID SB-1-GW **Received** 10/28/14
Matrix Water **Reported** 11/05/14

8310 by HPLC

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Naphthalene	EPA 8310	10/29/14	11/03/14	ND	0.10	ug/L	1:1
Acenaphthylene	EPA 8310	10/29/14	11/03/14	ND	0.10	ug/L	1:1
Acenaphthene	EPA 8310	10/29/14	11/03/14	ND	0.10	ug/L	1:1
Fluorene	EPA 8310	10/29/14	11/03/14	ND	0.10	ug/L	1:1
Phenanthrene	EPA 8310	10/29/14	11/03/14	ND	0.10	ug/L	1:1
Anthracene	EPA 8310	10/29/14	11/03/14	ND	0.10	ug/L	1:1
Fluoranthene	EPA 8310	10/29/14	11/03/14	ND	0.10	ug/L	1:1
Pyrene	EPA 8310	10/29/14	11/03/14	ND	0.10	ug/L	1:1
Benzo(a)anthracene	EPA 8310	10/29/14	11/03/14	ND	0.10	ug/L	1:1
Chrysene	EPA 8310	10/29/14	11/03/14	ND	0.10	ug/L	1:1
Benzo(b)fluoranthene	**EPA 8310**	**10/29/14**	**11/03/14**	**0.2**	**0.10**	**ug/L**	**1:1**
Benzo(k)fluoranthene	EPA 8310	10/29/14	11/03/14	ND	0.10	ug/L	1:1

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Matrix Water **Reported** 11/05/14

8310 by HPLC (continued)

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Benzo(a)pyrene	EPA 8310	10/29/14	11/03/14	ND	0.10	ug/L	1:1
Dibenzo(a,h)anthracene	EPA 8310	10/29/14	11/03/14	ND	0.10	ug/L	1:1
Benzo(g,h,i)perylene	EPA 8310	10/29/14	11/03/14	ND	0.10	ug/L	1:1
Indeno(1,2,3-cd)pyrene	EPA 8310	10/29/14	11/03/14	ND	0.10	ug/L	1:1

Surrogates	Result	Recovery	Limits
p-Terphenyl	38 ug/L	76 %	(35 - 135)

Laboratory ID 21092004 **Sampled** 10/27/14
Sample ID SB-1-GW **Received** 10/28/14
Matrix Water **Reported** 11/05/14

6010B/7470A

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Antimony	6010B	10/30/14	10/31/14	ND	0.0060	mg/L	1:1
Arsenic	**6010B**	**10/30/14**	**10/31/14**	**0.082**	**0.010**	**mg/L**	**1:1**
Barium	**6010B**	**10/30/14**	**10/31/14**	**1.3**	**0.010**	**mg/L**	**1:1**
Beryllium	6010B	10/30/14	10/31/14	ND	0.0030	mg/L	1:1
Cadmium	6010B	10/30/14	10/31/14	ND	0.0050	mg/L	1:1
Chromium	6010B	10/30/14	10/31/14	ND	0.010	mg/L	1:1
Cobalt	6010B	10/30/14	10/31/14	ND	0.010	mg/L	1:1
Copper	6010B	10/30/14	10/31/14	ND	0.020	mg/L	1:1
Lead	6010B	10/30/14	10/31/14	ND	0.010	mg/L	1:1
Mercury	7470A	10/29/14	10/30/14	ND	0.00020	mg/L	1:1
Molybdenum	6010B	10/30/14	10/31/14	ND	0.050	mg/L	1:1
Nickel	**6010B**	**10/30/14**	**10/31/14**	**0.081**	**0.040**	**mg/L**	**1:1**
Selenium	6010B	10/30/14	10/31/14	ND	0.050	mg/L	1:1
Silver	6010B	10/30/14	10/31/14	ND	0.010	mg/L	1:1
Thallium	6010B	10/30/14	10/31/14	ND	0.050	mg/L	1:1
Vanadium	6010B	10/30/14	10/31/14	ND	0.050	mg/L	1:1
Zinc	**6010B**	**10/30/14**	**10/31/14**	**0.061**	**0.015**	**mg/L**	**1:1**

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Laboratory ID 21092005 **Sampled** 10/27/14
Sample ID SB-2-0.5 **Received** 10/28/14
Matrix Soil **Reported** 11/04/14

8015B TEPH

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
TPHdiesel	8015B TEPH S	10/29/14	10/30/14	ND	1.0	mg/Kg	1:1

Laboratory ID 21092005 **Sampled** 10/27/14
Sample ID SB-2-0.5 **Received** 10/28/14
Matrix Soil **Reported** 11/04/14

8015B TPH Gas

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
TPHgas	8015B TPHgas S	10/29/14	10/29/14	ND	0.50	mg/Kg	1:1

Surrogates	Result	Recovery	Limits
Trifluorotoluene	14 ug/kg	70 %	(65 - 135)

Laboratory ID 21092005 **Sampled** 10/27/14
Sample ID SB-2-0.5 **Received** 10/28/14
Matrix Soil **Reported** 11/04/14

8260B GC/MS Volatiles

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
1,1,1,2-Tetrachloroethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,1,1-Trichloroethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,1,2,2-Tetrachloroethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,1,2-Trichloroethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,1-Dichloroethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,1-Dichloroethene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,1-dichloropropane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2,3-Trichlorobenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2,3-Trichloropropane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2,4-Trichlorobenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2,4-Trimethylbenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2-Dibromo-3-chloropropane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2-Dibromoethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2-Dichlorobenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2-Dichloroethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2-Dichloropropane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,3,5-Trimethylbenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,3-Dichlorobenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,3-Dichloropropane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,4-Dichlorobenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1

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Matrix Soil **Reported** 11/04/14

8260B GC/MS Volatiles (continued)

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
2,2-dichloropropane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
2-Butanone	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
2-Chloroethylvinyl ether	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
2-Chlorotoluene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
2-Hexanone	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
4-Chlorotoluene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
4-Isopropyltoluene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
4-Methyl-2-pentanone	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Acetone	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Acrolein	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Acrylonitrile	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Benzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Bromobenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Bromochloromethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Bromodichloromethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Bromoform	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Bromomethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Carbon disulfide	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Carbon tetrachloride	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Chlorobenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Chloroethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Chloroform	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Chloromethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Dibromochloromethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Dibromomethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Dichlorodifluoromethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Dichloromethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Ethylbenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Hexachlorobutadiene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Iodomethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Isopropylbenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Naphthalene	8260B S	10/29/14	10/29/14	ND	1.0	ug/kg	1:1
Styrene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Tetrachloroethene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Toluene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Trichloroethene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1

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Laboratory ID 21092005 **Sampled** 10/27/14
Sample ID SB-2-0.5 **Received** 10/28/14
Matrix Soil **Reported** 11/04/14

8260B GC/MS Volatiles (continued)

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Trichlorofluoromethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Vinyl acetate	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Vinyl chloride	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
cis-1,2-Dichloroethene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
cis-1,3-Dichloropropene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
m,p-Xylene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
n-Butylbenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
n-Propylbenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
o-Xylene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
sec-Butylbenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
tert-Butylbenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
trans-1,2-Dichloroethene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
trans-1,3-Dichloropropene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Methyl-tert-butyl-ether	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1

Surrogates	Result	Recovery	Limits
1,2-Dichloroethane-d4	58 ug/kg	116 %	(65 - 135)
Toluene d8	52 ug/kg	104 %	(65 - 135)
4-Bromofluorobenzene	51 ug/kg	102 %	(65 - 135)

Laboratory ID 21092005 **Sampled** 10/27/14
Sample ID SB-2-0.5 **Received** 10/28/14
Matrix Soil **Reported** 11/04/14

8310 by HPLC

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Acenaphthene	EPA 8310 S	10/29/14	11/03/14	ND	0.20	mg/Kg	1:20
Acenaphthylene	EPA 8310 S	10/29/14	11/03/14	ND	0.20	mg/Kg	1:20
Anthracene	EPA 8310 S	10/29/14	11/03/14	ND	0.20	mg/Kg	1:20
Benzo(a)anthracene	EPA 8310 S	10/29/14	11/03/14	ND	0.20	mg/Kg	1:20
Benzo(a)pyrene	EPA 8310 S	10/29/14	11/03/14	ND	0.20	mg/Kg	1:20
Benzo(b)fluoranthene	EPA 8310 S	10/29/14	11/03/14	ND	0.20	mg/Kg	1:20
Benzo(g,h,i)perylene	EPA 8310 S	10/29/14	11/03/14	ND	0.20	mg/Kg	1:20
Benzo(k)fluoranthene	EPA 8310 S	10/29/14	11/03/14	ND	0.20	mg/Kg	1:20
Chrysene	EPA 8310 S	10/29/14	11/03/14	ND	0.20	mg/Kg	1:20
Dibenzo(a,h)anthracene	EPA 8310 S	10/29/14	11/03/14	ND	0.20	mg/Kg	1:20
Fluoranthene	EPA 8310 S	10/29/14	11/03/14	ND	0.20	mg/Kg	1:20
Fluorene	EPA 8310 S	10/29/14	11/03/14	ND	0.20	mg/Kg	1:20

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8310 by HPLC (continued)

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Indeno(1,2,3-cd)pyrene	EPA 8310 S	10/29/14	11/03/14	ND	0.20	mg/Kg	1:20
Naphthalene	EPA 8310 S	10/29/14	11/03/14	ND	0.20	mg/Kg	1:20
Phenanthrene	EPA 8310 S	10/29/14	11/03/14	ND	0.20	mg/Kg	1:20
Pyrene	EPA 8310 S	10/29/14	11/03/14	ND	0.20	mg/Kg	1:20

Surrogates	Result	Recovery	Limits
p-Terphenyl	1.33 mg/Kg	80 %	(35 - 135)

Laboratory ID 21092005 **Sampled** 10/27/14
Sample ID SB-2-0.5 **Received** 10/28/14
Matrix Soil **Reported** 11/04/14

CAM17 TTLC

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Antimony	**6010B S**	**10/29/14**	**10/31/14**	**2.1**	**2.0**	**mg/Kg**	**1:1**
Arsenic	**6010B S**	**10/29/14**	**10/31/14**	**21**	**2.0**	**mg/Kg**	**1:1**
Barium	**6010B S**	**10/29/14**	**10/31/14**	**153**	**2.0**	**mg/Kg**	**1:1**
Beryllium	6010B S	10/29/14	10/31/14	ND	0.30	mg/Kg	1:1
Cadmium	6010B S	10/29/14	10/31/14	ND	0.50	mg/Kg	1:1
Chromium	**6010B S**	**10/29/14**	**10/31/14**	**60**	**1.0**	**mg/Kg**	**1:1**
Cobalt	**6010B S**	**10/29/14**	**10/31/14**	**12**	**2.0**	**mg/Kg**	**1:1**
Copper	**6010B S**	**10/29/14**	**10/31/14**	**36**	**2.0**	**mg/Kg**	**1:1**
Lead	**6010B S**	**10/29/14**	**10/31/14**	**42**	**1.0**	**mg/Kg**	**1:1**
Mercury	**7471A S HG**	**10/29/14**	**10/30/14**	**0.20**	**0.0050**	**mg/Kg**	**1:1**
Molybdenum	6010B S	10/29/14	10/31/14	ND	2.0	mg/Kg	1:1
Nickel	**6010B S**	**10/29/14**	**10/31/14**	**81**	**4.0**	**mg/Kg**	**1:1**
Selenium	6010B S	10/29/14	10/31/14	ND	5.0	mg/Kg	1:1
Silver	6010B S	10/29/14	10/31/14	ND	0.50	mg/Kg	1:1
Thallium	6010B S	10/29/14	10/31/14	ND	5.0	mg/Kg	1:1
Vanadium	**6010B S**	**10/29/14**	**10/31/14**	**30**	**1.0**	**mg/Kg**	**1:1**
Zinc	**6010B S**	**10/29/14**	**10/31/14**	**78**	**1.5**	**mg/Kg**	**1:1**

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Client ID AECOM Technical Services
Workorder # 21092 **Workorder ID** AOC CP479 Ukiah

Laboratory ID 21092006 **Sampled** 10/27/14
Sample ID SB-2-5 **Received** 10/28/14
Matrix Soil **Reported** 11/04/14

8015B TEPH

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
TPHdiesel	8015B TEPH S	10/29/14	10/30/14	ND	1.0	mg/Kg	1:1

Laboratory ID 21092006 **Sampled** 10/27/14
Sample ID SB-2-5 **Received** 10/28/14
Matrix Soil **Reported** 11/04/14

8015B TPH Gas

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
TPHgas	8015B TPHgas S	10/29/14	10/29/14	ND	0.50	mg/Kg	1:1

Surrogates	Result	Recovery	Limits
Trifluorotoluene	16.2 ug/kg	81 %	(65 - 135)

Laboratory ID 21092006 **Sampled** 10/27/14
Sample ID SB-2-5 **Received** 10/28/14
Matrix Soil **Reported** 11/04/14

8260B GC/MS Volatiles

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
1,1,1,2-Tetrachloroethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,1,1-Trichloroethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,1,2,2-Tetrachloroethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,1,2-Trichloroethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,1-Dichloroethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,1-Dichloroethene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,1-dichloropropane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2,3-Trichlorobenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2,3-Trichloropropane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2,4-Trichlorobenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2,4-Trimethylbenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2-Dibromo-3-chloropropane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2-Dibromoethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2-Dichlorobenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2-Dichloroethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2-Dichloropropane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,3,5-Trimethylbenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,3-Dichlorobenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,3-Dichloropropane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,4-Dichlorobenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1

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Laboratory ID 21092006 **Sampled** 10/27/14
Sample ID SB-2-5 **Received** 10/28/14
Matrix Soil **Reported** 11/04/14

8260B GC/MS Volatiles (continued)

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
2,2-dichloropropane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
2-Butanone	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
2-Chloroethylvinyl ether	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
2-Chlorotoluene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
2-Hexanone	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
4-Chlorotoluene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
4-Isopropyltoluene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
4-Methyl-2-pentanone	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Acetone	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Acrolein	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Acrylonitrile	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Benzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Bromobenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Bromochloromethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Bromodichloromethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Bromoform	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Bromomethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Carbon disulfide	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Carbon tetrachloride	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Chlorobenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Chloroethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Chloroform	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Chloromethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Dibromochloromethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Dibromomethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Dichlorodifluoromethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Dichloromethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Ethylbenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Hexachlorobutadiene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Iodomethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Isopropylbenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Naphthalene	8260B S	10/29/14	10/29/14	ND	1.0	ug/kg	1:1
Styrene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Tetrachloroethene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Toluene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Trichloroethene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1

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Sample ID SB-2-5 **Received** 10/28/14
Matrix Soil **Reported** 11/04/14

8260B GC/MS Volatiles (continued)

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Trichlorofluoromethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Vinyl acetate	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Vinyl chloride	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
cis-1,2-Dichloroethene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
cis-1,3-Dichloropropene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
m,p-Xylene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
n-Butylbenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
n-Propylbenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
o-Xylene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
sec-Butylbenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
tert-Butylbenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
trans-1,2-Dichloroethene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
trans-1,3-Dichloropropene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Methyl-tert-butyl-ether	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1

Surrogates	Result	Recovery	Limits
1,2-Dichloroethane-d4	57 ug/kg	114 %	(65 - 135)
Toluene d8	51 ug/kg	102 %	(65 - 135)
4-Bromofluorobenzene	48 ug/kg	96 %	(65 - 135)

Laboratory ID 21092006 **Sampled** 10/27/14
Sample ID SB-2-5 **Received** 10/28/14
Matrix Soil **Reported** 11/04/14

8310 by HPLC

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Acenaphthene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Acenaphthylene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Anthracene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Benzo(a)anthracene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Benzo(a)pyrene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Benzo(b)fluoranthene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Benzo(g,h,i)perylene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Benzo(k)fluoranthene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Chrysene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Dibenzo(a,h)anthracene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Fluoranthene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Fluorene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1

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Sample ID SB-2-5 **Received** 10/28/14
Matrix Soil **Reported** 11/04/14

8310 by HPLC (continued)

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Indeno(1,2,3-cd)pyrene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Naphthalene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Phenanthrene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Pyrene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1

Surrogates	Result	Recovery	Limits
p-Terphenyl	1.13 mg/Kg	68 %	(35 - 135)

Laboratory ID 21092006 **Sampled** 10/27/14
Sample ID SB-2-5 **Received** 10/28/14
Matrix Soil **Reported** 11/04/14

CAM17 TTLC

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Antimony	6010B S	10/29/14	10/31/14	ND	2.0	mg/Kg	1:1
Arsenic	**6010B S**	**10/29/14**	**10/31/14**	**15**	**2.0**	**mg/Kg**	**1:1**
Barium	**6010B S**	**10/29/14**	**10/31/14**	**204**	**2.0**	**mg/Kg**	**1:1**
Beryllium	6010B S	10/29/14	10/31/14	ND	0.30	mg/Kg	1:1
Cadmium	6010B S	10/29/14	10/31/14	ND	0.50	mg/Kg	1:1
Chromium	**6010B S**	**10/29/14**	**10/31/14**	**89**	**1.0**	**mg/Kg**	**1:1**
Cobalt	**6010B S**	**10/29/14**	**10/31/14**	**19**	**2.0**	**mg/Kg**	**1:1**
Copper	**6010B S**	**10/29/14**	**10/31/14**	**40**	**2.0**	**mg/Kg**	**1:1**
Lead	**6010B S**	**10/29/14**	**10/31/14**	**12**	**1.0**	**mg/Kg**	**1:1**
Mercury	**7471A S HG**	**10/29/14**	**10/30/14**	**0.075**	**0.0050**	**mg/Kg**	**1:1**
Molybdenum	6010B S	10/29/14	10/31/14	ND	2.0	mg/Kg	1:1
Nickel	**6010B S**	**10/29/14**	**10/31/14**	**119**	**4.0**	**mg/Kg**	**1:1**
Selenium	6010B S	10/29/14	10/31/14	ND	5.0	mg/Kg	1:1
Silver	6010B S	10/29/14	10/31/14	ND	0.50	mg/Kg	1:1
Thallium	6010B S	10/29/14	10/31/14	ND	5.0	mg/Kg	1:1
Vanadium	**6010B S**	**10/29/14**	**10/31/14**	**54**	**1.0**	**mg/Kg**	**1:1**
Zinc	**6010B S**	**10/29/14**	**10/31/14**	**74**	**1.5**	**mg/Kg**	**1:1**

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Laboratory ID 21092007 **Sampled** 10/27/14
Sample ID SB-2-GW **Received** 10/28/14
Matrix Water **Reported** 11/05/14

8015B TEPH

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
TPHdiesel	8015B TEPH	10/29/14	10/30/14	ND	50	ug/L	1:1

Laboratory ID 21092007 **Sampled** 10/27/14
Sample ID SB-2-GW **Received** 10/28/14
Matrix Water **Reported** 11/05/14

8015B TPH Gas

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
TPHgas	8015B TPHgas	10/31/14	10/31/14	ND	50	ug/L	1:1

Surrogates	Result	Recovery	Limits
Trifluorotoluene	17 ug/L	85 %	(65 - 135)

Laboratory ID 21092007 **Sampled** 10/27/14
Sample ID SB-2-GW **Received** 10/28/14
Matrix Water **Reported** 11/05/14

8260B GC/MS Volatiles

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
1,1,1,2-Tetrachloroethane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,1,1-Trichloroethane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,1,2,2-Tetrachloroethane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,1,2-Trichloroethane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,1-Dichloroethane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,1-Dichloroethene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,1-dichloropropane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,2,3-Trichlorobenzene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,2,3-Trichloropropane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,2,4-Trichlorobenzene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,2,4-Trimethylbenzene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,2-Dibromo-3-chloropropane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,2-Dibromoethane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,2-Dichlorobenzene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,2-Dichloroethane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,2-Dichloropropane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,3,5-Trimethylbenzene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,3-Dichlorobenzene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,3-Dichloropropane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,4-Dichlorobenzene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1

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Laboratory ID 21092007 **Sampled** 10/27/14
Sample ID SB-2-GW **Received** 10/28/14
Matrix Water **Reported** 11/05/14

8260B GC/MS Volatiles (continued)

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
2,2-dichloropropane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
2-Butanone	8260B	10/28/14	10/28/14	ND	5.0	ug/L	1:1
2-Chloroethylvinyl ether	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
2-Chlorotoluene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
2-Hexanone	8260B	10/28/14	10/28/14	ND	10	ug/L	1:1
4-Chlorotoluene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
4-Isopropyltoluene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
4-Methyl-2-pentanone	8260B	10/28/14	10/28/14	ND	5.0	ug/L	1:1
Acetone	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Acrolein	8260B	10/28/14	10/28/14	ND	10	ug/L	1:1
Acrylonitrile	8260B	10/28/14	10/28/14	ND	10	ug/L	1:1
Benzene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Bromobenzene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Bromochloromethane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Bromodichloromethane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Bromoform	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Bromomethane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Carbon disulfide	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Carbon tetrachloride	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Chlorobenzene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Chloroethane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Chloroform	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Chloromethane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Dibromochloromethane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Dibromomethane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Dichlorodifluoromethane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Dichloromethane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Ethylbenzene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Hexachlorobutadiene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Iodomethane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Isopropylbenzene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Naphthalene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Styrene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Tetrachloroethene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Toluene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Trichloroethene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1

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Test Certificate of Analysis

Client ID AECOM Technical Services
Workorder # 21092 **Workorder ID** AOC CP479 Ukiah

Laboratory ID 21092007 **Sampled** 10/27/14
Sample ID SB-2-GW **Received** 10/28/14
Matrix Water **Reported** 11/05/14

8260B GC/MS Volatiles (continued)

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Trichlorofluoromethane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Vinyl acetate	8260B	10/28/14	10/28/14	ND	5.0	ug/L	1:1
Vinyl chloride	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
cis-1,2-Dichloroethene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
cis-1,3-Dichloropropene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
m,p-Xylene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
n-Butylbenzene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
n-Propylbenzene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
o-Xylene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
sec-Butylbenzene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
tert-Butylbenzene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
trans-1,2-Dichloroethene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
trans-1,3-Dichloropropene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Methyl-tert-butyl-ether	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1

Surrogates	Result	Recovery	Limits
1,2-Dichloroethane-d4	53 ug/L	106 %	(70 - 135)
Toluene d8	52 ug/L	104 %	(70 - 135)
4-Bromofluorobenzene	51 ug/L	102 %	(70 - 135)

Laboratory ID 21092007 **Sampled** 10/27/14
Sample ID SB-2-GW **Received** 10/28/14
Matrix Water **Reported** 11/05/14

8310 by HPLC

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Naphthalene	EPA 8310	10/29/14	11/03/14	ND	0.10	ug/L	1:1
Acenaphthylene	EPA 8310	10/29/14	11/03/14	ND	0.10	ug/L	1:1
Acenaphthene	EPA 8310	10/29/14	11/03/14	ND	0.10	ug/L	1:1
Fluorene	EPA 8310	10/29/14	11/03/14	ND	0.10	ug/L	1:1
Phenanthrene	EPA 8310	10/29/14	11/03/14	ND	0.10	ug/L	1:1
Anthracene	EPA 8310	10/29/14	11/03/14	ND	0.10	ug/L	1:1
Fluoranthene	EPA 8310	10/29/14	11/03/14	ND	0.10	ug/L	1:1
Pyrene	EPA 8310	10/29/14	11/03/14	ND	0.10	ug/L	1:1
Benzo(a)anthracene	EPA 8310	10/29/14	11/03/14	ND	0.10	ug/L	1:1
Chrysene	EPA 8310	10/29/14	11/03/14	ND	0.10	ug/L	1:1
Benzo(b)fluoranthene	EPA 8310	10/29/14	11/03/14	ND	0.10	ug/L	1:1
Benzo(k)fluoranthene	EPA 8310	10/29/14	11/03/14	ND	0.10	ug/L	1:1

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Laboratory ID 21092007 **Sampled** 10/27/14
Sample ID SB-2-GW **Received** 10/28/14
Matrix Water **Reported** 11/05/14

8310 by HPLC (continued)

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Benzo(a)pyrene	EPA 8310	10/29/14	11/03/14	ND	0.10	ug/L	1:1
Dibenzo(a,h)anthracene	EPA 8310	10/29/14	11/03/14	ND	0.10	ug/L	1:1
Benzo(g,h,i)perylene	EPA 8310	10/29/14	11/03/14	ND	0.10	ug/L	1:1
Indeno(1,2,3-cd)pyrene	EPA 8310	10/29/14	11/03/14	ND	0.10	ug/L	1:1

Surrogates	Result	Recovery	Limits
p-Terphenyl	38.6 ug/L	77 %	(35 - 135)

Laboratory ID 21092007 **Sampled** 10/27/14
Sample ID SB-2-GW **Received** 10/28/14
Matrix Water **Reported** 11/05/14

6010B/7470A

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Antimony	6010B	10/30/14	10/31/14	ND	0.0060	mg/L	1:1
Arsenic	**6010B**	**10/30/14**	**10/31/14**	**0.057**	**0.010**	**mg/L**	**1:1**
Barium	**6010B**	**10/30/14**	**10/31/14**	**0.59**	**0.010**	**mg/L**	**1:1**
Beryllium	6010B	10/30/14	10/31/14	ND	0.0030	mg/L	1:1
Cadmium	6010B	10/30/14	10/31/14	ND	0.0050	mg/L	1:1
Chromium	6010B	10/30/14	10/31/14	ND	0.010	mg/L	1:1
Cobalt	6010B	10/30/14	10/31/14	ND	0.010	mg/L	1:1
Copper	6010B	10/30/14	10/31/14	ND	0.020	mg/L	1:1
Lead	6010B	10/30/14	10/31/14	ND	0.010	mg/L	1:1
Mercury	7470A	10/29/14	10/30/14	ND	0.00020	mg/L	1:1
Molybdenum	6010B	10/30/14	10/31/14	ND	0.050	mg/L	1:1
Nickel	6010B	10/30/14	10/31/14	ND	0.040	mg/L	1:1
Selenium	6010B	10/30/14	10/31/14	ND	0.050	mg/L	1:1
Silver	6010B	10/30/14	10/31/14	ND	0.010	mg/L	1:1
Thallium	6010B	10/30/14	10/31/14	ND	0.050	mg/L	1:1
Vanadium	6010B	10/30/14	10/31/14	ND	0.050	mg/L	1:1
Zinc	**6010B**	**10/30/14**	**10/31/14**	**0.034**	**0.015**	**mg/L**	**1:1**

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Laboratory ID 21092008 **Sampled** 10/27/14
Sample ID SB-3-0.5 **Received** 10/28/14
Matrix Soil **Reported** 11/04/14

8015B TEPH

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
TPHdiesel	8015B TEPH S	10/29/14	10/30/14	ND	1.0	mg/Kg	1:1

Laboratory ID 21092008 **Sampled** 10/27/14
Sample ID SB-3-0.5 **Received** 10/28/14
Matrix Soil **Reported** 11/04/14

8015B TPH Gas

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
TPHgas	8015B TPHgas S	10/29/14	10/29/14	ND	0.50	mg/Kg	1:1

Surrogates	Result	Recovery	Limits
Trifluorotoluene	16.2 ug/kg	81 %	(65 - 135)

Laboratory ID 21092008 **Sampled** 10/27/14
Sample ID SB-3-0.5 **Received** 10/28/14
Matrix Soil **Reported** 11/04/14

8260B GC/MS Volatiles

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
1,1,1,2-Tetrachloroethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,1,1-Trichloroethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,1,2,2-Tetrachloroethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,1,2-Trichloroethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,1-Dichloroethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,1-Dichloroethene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,1-dichloropropane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2,3-Trichlorobenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2,3-Trichloropropane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2,4-Trichlorobenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2,4-Trimethylbenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2-Dibromo-3-chloropropane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2-Dibromoethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2-Dichlorobenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2-Dichloroethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2-Dichloropropane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,3,5-Trimethylbenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,3-Dichlorobenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,3-Dichloropropane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,4-Dichlorobenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1

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Laboratory ID 21092008 **Sampled** 10/27/14
Sample ID SB-3-0.5 **Received** 10/28/14
Matrix Soil **Reported** 11/04/14

8260B GC/MS Volatiles (continued)

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
2,2-dichloropropane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
2-Butanone	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
2-Chloroethylvinyl ether	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
2-Chlorotoluene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
2-Hexanone	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
4-Chlorotoluene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
4-Isopropyltoluene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
4-Methyl-2-pentanone	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Acetone	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Acrolein	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Acrylonitrile	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Benzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Bromobenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Bromochloromethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Bromodichloromethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Bromoform	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Bromomethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Carbon disulfide	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Carbon tetrachloride	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Chlorobenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Chloroethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Chloroform	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Chloromethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Dibromochloromethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Dibromomethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Dichlorodifluoromethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Dichloromethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Ethylbenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Hexachlorobutadiene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Iodomethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Isopropylbenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Naphthalene	8260B S	10/29/14	10/29/14	ND	1.0	ug/kg	1:1
Styrene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Tetrachloroethene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Toluene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Trichloroethene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1

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Laboratory ID 21092008 **Sampled** 10/27/14
Sample ID SB-3-0.5 **Received** 10/28/14
Matrix Soil **Reported** 11/04/14

8260B GC/MS Volatiles (continued)

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Trichlorofluoromethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Vinyl acetate	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Vinyl chloride	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
cis-1,2-Dichloroethene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
cis-1,3-Dichloropropene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
m,p-Xylene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
n-Butylbenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
n-Propylbenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
o-Xylene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
sec-Butylbenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
tert-Butylbenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
trans-1,2-Dichloroethene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
trans-1,3-Dichloropropene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Methyl-tert-butyl-ether	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1

Surrogates	Result	Recovery	Limits
1,2-Dichloroethane-d4	57 ug/kg	114 %	(65 - 135)
Toluene d8	49 ug/kg	98 %	(65 - 135)
4-Bromofluorobenzene	43 ug/kg	86 %	(65 - 135)

Laboratory ID 21092008 **Sampled** 10/27/14
Sample ID SB-3-0.5 **Received** 10/28/14
Matrix Soil **Reported** 11/04/14

8310 by HPLC

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Acenaphthene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Acenaphthylene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Anthracene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Benzo(a)anthracene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Benzo(a)pyrene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Benzo(b)fluoranthene	**EPA 8310 S**	**10/29/14**	**11/03/14**	**0.04**	**0.010**	**mg/Kg**	**1:1**
Benzo(g,h,i)perylene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Benzo(k)fluoranthene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Chrysene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Dibenzo(a,h)anthracene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Fluoranthene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Fluorene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1

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Laboratory ID 21092008 **Sampled** 10/27/14
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Matrix Soil **Reported** 11/04/14

8310 by HPLC (continued)

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Indeno(1,2,3-cd)pyrene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Naphthalene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Phenanthrene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Pyrene	**EPA 8310 S**	**10/29/14**	**11/03/14**	**0.02**	**0.010**	**mg/Kg**	**1:1**

Surrogates	Result	Recovery	Limits
p-Terphenyl	1.44 mg/Kg	86 %	(35 - 135)

Laboratory ID 21092008 **Sampled** 10/27/14
Sample ID SB-3-0.5 **Received** 10/28/14
Matrix Soil **Reported** 11/04/14

CAM17 TTLC

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Antimony	6010B S	10/29/14	10/31/14	ND	2.0	mg/Kg	1:1
Arsenic	**6010B S**	**10/29/14**	**10/31/14**	**13**	**2.0**	**mg/Kg**	**1:1**
Barium	**6010B S**	**10/29/14**	**10/31/14**	**198**	**2.0**	**mg/Kg**	**1:1**
Beryllium	6010B S	10/29/14	10/31/14	ND	0.30	mg/Kg	1:1
Cadmium	6010B S	10/29/14	10/31/14	ND	0.50	mg/Kg	1:1
Chromium	**6010B S**	**10/29/14**	**10/31/14**	**49**	**1.0**	**mg/Kg**	**1:1**
Cobalt	**6010B S**	**10/29/14**	**10/31/14**	**14**	**2.0**	**mg/Kg**	**1:1**
Copper	**6010B S**	**10/29/14**	**10/31/14**	**42**	**2.0**	**mg/Kg**	**1:1**
Lead	**6010B S**	**10/29/14**	**10/31/14**	**39**	**1.0**	**mg/Kg**	**1:1**
Mercury	**7471A S HG**	**10/29/14**	**10/30/14**	**0.067**	**0.0050**	**mg/Kg**	**1:1**
Molybdenum	6010B S	10/29/14	10/31/14	ND	2.0	mg/Kg	1:1
Nickel	**6010B S**	**10/29/14**	**10/31/14**	**67**	**4.0**	**mg/Kg**	**1:1**
Selenium	6010B S	10/29/14	10/31/14	ND	5.0	mg/Kg	1:1
Silver	6010B S	10/29/14	10/31/14	ND	0.50	mg/Kg	1:1
Thallium	6010B S	10/29/14	10/31/14	ND	5.0	mg/Kg	1:1
Vanadium	**6010B S**	**10/29/14**	**10/31/14**	**41**	**1.0**	**mg/Kg**	**1:1**
Zinc	**6010B S**	**10/29/14**	**10/31/14**	**95**	**1.5**	**mg/Kg**	**1:1**

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Laboratory ID 21092009 **Sampled** 10/27/14
Sample ID SB-3-5 **Received** 10/28/14
Matrix Soil **Reported** 11/04/14

8015B TEPH

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
TPHdiesel	8015B TEPH S	10/29/14	10/30/14	ND	1.0	mg/Kg	1:1

Laboratory ID 21092009 **Sampled** 10/27/14
Sample ID SB-3-5 **Received** 10/28/14
Matrix Soil **Reported** 11/04/14

8015B TPH Gas

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
TPHgas	8015B TPHgas S	10/29/14	10/29/14	ND	0.50	mg/Kg	1:1

Surrogates	Result	Recovery	Limits
Trifluorotoluene	17 ug/kg	85 %	(65 - 135)

Laboratory ID 21092009 **Sampled** 10/27/14
Sample ID SB-3-5 **Received** 10/28/14
Matrix Soil **Reported** 11/04/14

8260B GC/MS Volatiles

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
1,1,1,2-Tetrachloroethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,1,1-Trichloroethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,1,2,2-Tetrachloroethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,1,2-Trichloroethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,1-Dichloroethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,1-Dichloroethene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,1-dichloropropane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2,3-Trichlorobenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2,3-Trichloropropane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2,4-Trichlorobenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2,4-Trimethylbenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2-Dibromo-3-chloropropane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2-Dibromoethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2-Dichlorobenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2-Dichloroethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2-Dichloropropane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,3,5-Trimethylbenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,3-Dichlorobenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,3-Dichloropropane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,4-Dichlorobenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1

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Laboratory ID 21092009 **Sampled** 10/27/14
Sample ID SB-3-5 **Received** 10/28/14
Matrix Soil **Reported** 11/04/14

8260B GC/MS Volatiles (continued)

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
2,2-dichloropropane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
2-Butanone	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
2-Chloroethylvinyl ether	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
2-Chlorotoluene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
2-Hexanone	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
4-Chlorotoluene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
4-Isopropyltoluene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
4-Methyl-2-pentanone	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Acetone	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Acrolein	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Acrylonitrile	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Benzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Bromobenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Bromochloromethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Bromodichloromethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Bromoform	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Bromomethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Carbon disulfide	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Carbon tetrachloride	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Chlorobenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Chloroethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Chloroform	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Chloromethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Dibromochloromethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Dibromomethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Dichlorodifluoromethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Dichloromethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Ethylbenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Hexachlorobutadiene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Iodomethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Isopropylbenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Naphthalene	8260B S	10/29/14	10/29/14	ND	1.0	ug/kg	1:1
Styrene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Tetrachloroethene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Toluene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Trichloroethene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1

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Laboratory ID 21092009 **Sampled** 10/27/14
Sample ID SB-3-5 **Received** 10/28/14
Matrix Soil **Reported** 11/04/14

8260B GC/MS Volatiles (continued)

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Trichlorofluoromethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Vinyl acetate	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Vinyl chloride	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
cis-1,2-Dichloroethene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
cis-1,3-Dichloropropene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
m,p-Xylene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
n-Butylbenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
n-Propylbenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
o-Xylene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
sec-Butylbenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
tert-Butylbenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
trans-1,2-Dichloroethene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
trans-1,3-Dichloropropene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Methyl-tert-butyl-ether	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1

Surrogates	Result	Recovery	Limits
1,2-Dichloroethane-d4	56 ug/kg	112 %	(65 - 135)
Toluene d8	49 ug/kg	98 %	(65 - 135)
4-Bromofluorobenzene	43 ug/kg	86 %	(65 - 135)

Laboratory ID 21092009 **Sampled** 10/27/14
Sample ID SB-3-5 **Received** 10/28/14
Matrix Soil **Reported** 11/04/14

8310 by HPLC

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Acenaphthene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Acenaphthylene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Anthracene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Benzo(a)anthracene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Benzo(a)pyrene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Benzo(b)fluoranthene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Benzo(g,h,i)perylene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Benzo(k)fluoranthene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Chrysene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Dibenzo(a,h)anthracene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Fluoranthene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Fluorene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1

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Matrix Soil **Reported** 11/04/14

8310 by HPLC (continued)

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Indeno(1,2,3-cd)pyrene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Naphthalene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Phenanthrene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Pyrene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1

Surrogates	Result	Recovery	Limits
p-Terphenyl	1.05 mg/Kg	63 %	(35 - 135)

Laboratory ID 21092009 **Sampled** 10/27/14
Sample ID SB-3-5 **Received** 10/28/14
Matrix Soil **Reported** 11/04/14

CAM17 TTLC

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Antimony	6010B S	10/29/14	10/31/14	ND	2.0	mg/Kg	1:1
Arsenic	**6010B S**	**10/29/14**	**10/31/14**	**13**	**2.0**	**mg/Kg**	**1:1**
Barium	**6010B S**	**10/29/14**	**10/31/14**	**202**	**2.0**	**mg/Kg**	**1:1**
Beryllium	6010B S	10/29/14	10/31/14	ND	0.30	mg/Kg	1:1
Cadmium	6010B S	10/29/14	10/31/14	ND	0.50	mg/Kg	1:1
Chromium	**6010B S**	**10/29/14**	**10/31/14**	**76**	**1.0**	**mg/Kg**	**1:1**
Cobalt	**6010B S**	**10/29/14**	**10/31/14**	**17**	**2.0**	**mg/Kg**	**1:1**
Copper	**6010B S**	**10/29/14**	**10/31/14**	**38**	**2.0**	**mg/Kg**	**1:1**
Lead	**6010B S**	**10/29/14**	**10/31/14**	**9.2**	**1.0**	**mg/Kg**	**1:1**
Mercury	**7471A S HG**	**10/29/14**	**10/30/14**	**0.062**	**0.0050**	**mg/Kg**	**1:1**
Molybdenum	6010B S	10/29/14	10/31/14	ND	2.0	mg/Kg	1:1
Nickel	**6010B S**	**10/29/14**	**10/31/14**	**104**	**4.0**	**mg/Kg**	**1:1**
Selenium	6010B S	10/29/14	10/31/14	ND	5.0	mg/Kg	1:1
Silver	6010B S	10/29/14	10/31/14	ND	0.50	mg/Kg	1:1
Thallium	6010B S	10/29/14	10/31/14	ND	5.0	mg/Kg	1:1
Vanadium	**6010B S**	**10/29/14**	**10/31/14**	**47**	**1.0**	**mg/Kg**	**1:1**
Zinc	**6010B S**	**10/29/14**	**10/31/14**	**62**	**1.5**	**mg/Kg**	**1:1**

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Laboratory ID 21092010 **Sampled** 10/27/14
Sample ID SB-3-10 **Received** 10/28/14
Matrix Soil **Reported** 11/04/14

8015B TEPH

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
TPHdiesel	8015B TEPH S	10/29/14	10/30/14	ND	1.0	mg/Kg	1:1

Laboratory ID 21092010 **Sampled** 10/27/14
Sample ID SB-3-10 **Received** 10/28/14
Matrix Soil **Reported** 11/04/14

8015B TPH Gas

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
TPHgas	8015B TPHgas S	10/29/14	10/29/14	ND	0.50	mg/Kg	1:1

Surrogates	Result	Recovery	Limits
Trifluorotoluene	16.5 ug/kg	82 %	(65 - 135)

Laboratory ID 21092010 **Sampled** 10/27/14
Sample ID SB-3-10 **Received** 10/28/14
Matrix Soil **Reported** 11/04/14

8260B GC/MS Volatiles

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
1,1,1,2-Tetrachloroethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,1,1-Trichloroethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,1,2,2-Tetrachloroethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,1,2-Trichloroethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,1-Dichloroethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,1-Dichloroethene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,1-dichloropropane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2,3-Trichlorobenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2,3-Trichloropropane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2,4-Trichlorobenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2,4-Trimethylbenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2-Dibromo-3-chloropropane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2-Dibromoethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2-Dichlorobenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2-Dichloroethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2-Dichloropropane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,3,5-Trimethylbenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,3-Dichlorobenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,3-Dichloropropane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,4-Dichlorobenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1

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Sample ID SB-3-10 **Received** 10/28/14
Matrix Soil **Reported** 11/04/14

8260B GC/MS Volatiles (continued)

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
2,2-dichloropropane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
2-Butanone	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
2-Chloroethylvinyl ether	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
2-Chlorotoluene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
2-Hexanone	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
4-Chlorotoluene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
4-Isopropyltoluene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
4-Methyl-2-pentanone	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Acetone	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Acrolein	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Acrylonitrile	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Benzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Bromobenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Bromochloromethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Bromodichloromethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Bromoform	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Bromomethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Carbon disulfide	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Carbon tetrachloride	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Chlorobenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Chloroethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Chloroform	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Chloromethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Dibromochloromethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Dibromomethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Dichlorodifluoromethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Dichloromethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Ethylbenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Hexachlorobutadiene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Iodomethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Isopropylbenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Naphthalene	8260B S	10/29/14	10/29/14	ND	1.0	ug/kg	1:1
Styrene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Tetrachloroethene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Toluene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Trichloroethene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1

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Matrix Soil **Reported** 11/04/14

8260B GC/MS Volatiles (continued)

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Trichlorofluoromethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Vinyl acetate	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Vinyl chloride	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
cis-1,2-Dichloroethene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
cis-1,3-Dichloropropene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
m,p-Xylene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
n-Butylbenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
n-Propylbenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
o-Xylene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
sec-Butylbenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
tert-Butylbenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
trans-1,2-Dichloroethene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
trans-1,3-Dichloropropene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Methyl-tert-butyl-ether	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1

Surrogates	Result	Recovery	Limits
1,2-Dichloroethane-d4	54 ug/kg	108 %	(65 - 135)
Toluene d8	51 ug/kg	102 %	(65 - 135)
4-Bromofluorobenzene	49 ug/kg	98 %	(65 - 135)

Laboratory ID 21092010 **Sampled** 10/27/14
Sample ID SB-3-10 **Received** 10/28/14
Matrix Soil **Reported** 11/04/14

8310 by HPLC

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Acenaphthene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Acenaphthylene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Anthracene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Benzo(a)anthracene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Benzo(a)pyrene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Benzo(b)fluoranthene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Benzo(g,h,i)perylene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Benzo(k)fluoranthene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Chrysene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Dibenzo(a,h)anthracene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Fluoranthene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Fluorene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1

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Client ID AECOM Technical Services
Workorder # 21092 **Workorder ID** AOC CP479 Ukiah

Laboratory ID 21092010 **Sampled** 10/27/14
Sample ID SB-3-10 **Received** 10/28/14
Matrix Soil **Reported** 11/04/14

8310 by HPLC (continued)

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Indeno(1,2,3-cd)pyrene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Naphthalene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Phenanthrene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Pyrene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1

Surrogates	Result	Recovery	Limits
p-Terphenyl	0.643 mg/Kg	39 %	(35 - 135)

Laboratory ID 21092010 **Sampled** 10/27/14
Sample ID SB-3-10 **Received** 10/28/14
Matrix Soil **Reported** 11/04/14

CAM17 TTLC

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Antimony	6010B S	10/29/14	10/31/14	ND	2.0	mg/Kg	1:1
Arsenic	**6010B S**	**10/29/14**	**10/31/14**	**14**	**2.0**	**mg/Kg**	**1:1**
Barium	**6010B S**	**10/29/14**	**10/31/14**	**142**	**2.0**	**mg/Kg**	**1:1**
Beryllium	6010B S	10/29/14	10/31/14	ND	0.30	mg/Kg	1:1
Cadmium	6010B S	10/29/14	10/31/14	ND	0.50	mg/Kg	1:1
Chromium	**6010B S**	**10/29/14**	**10/31/14**	**59**	**1.0**	**mg/Kg**	**1:1**
Cobalt	**6010B S**	**10/29/14**	**10/31/14**	**14**	**2.0**	**mg/Kg**	**1:1**
Copper	**6010B S**	**10/29/14**	**10/31/14**	**27**	**2.0**	**mg/Kg**	**1:1**
Lead	**6010B S**	**10/29/14**	**10/31/14**	**9.2**	**1.0**	**mg/Kg**	**1:1**
Mercury	**7471A S HG**	**10/29/14**	**10/30/14**	**0.037**	**0.0050**	**mg/Kg**	**1:1**
Molybdenum	6010B S	10/29/14	10/31/14	ND	2.0	mg/Kg	1:1
Nickel	**6010B S**	**10/29/14**	**10/31/14**	**75**	**4.0**	**mg/Kg**	**1:1**
Selenium	6010B S	10/29/14	10/31/14	ND	5.0	mg/Kg	1:1
Silver	6010B S	10/29/14	10/31/14	ND	0.50	mg/Kg	1:1
Thallium	6010B S	10/29/14	10/31/14	ND	5.0	mg/Kg	1:1
Vanadium	**6010B S**	**10/29/14**	**10/31/14**	**46**	**1.0**	**mg/Kg**	**1:1**
Zinc	**6010B S**	**10/29/14**	**10/31/14**	**56**	**1.5**	**mg/Kg**	**1:1**

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Client ID AECOM Technical Services
Workorder # 21092 **Workorder ID** AOC CP479 Ukiah

Laboratory ID 21092011 **Sampled** 10/27/14
Sample ID SB-3-GW **Received** 10/28/14
Matrix Water **Reported** 11/04/14

8015B TEPH

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
TPHdiesel	8015B TEPH	10/29/14	10/30/14	ND	50	ug/L	1:1

Laboratory ID 21092011 **Sampled** 10/27/14
Sample ID SB-3-GW **Received** 10/28/14
Matrix Water **Reported** 11/04/14

8015B TPH Gas

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
TPHgas	8015B TPHgas	10/31/14	10/31/14	ND	50	ug/L	1:1

Surrogates	Result	Recovery	Limits
Trifluorotoluene	16.2 ug/L	81 %	(65 - 135)

Laboratory ID 21092011 **Sampled** 10/27/14
Sample ID SB-3-GW **Received** 10/28/14
Matrix Water **Reported** 11/04/14

8260B GC/MS Volatiles

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
1,1,1,2-Tetrachloroethane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,1,1-Trichloroethane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,1,2,2-Tetrachloroethane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,1,2-Trichloroethane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,1-Dichloroethane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,1-Dichloroethene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,1-dichloropropane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,2,3-Trichlorobenzene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,2,3-Trichloropropane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,2,4-Trichlorobenzene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,2,4-Trimethylbenzene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,2-Dibromo-3-chloropropane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,2-Dibromoethane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,2-Dichlorobenzene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,2-Dichloroethane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,2-Dichloropropane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,3,5-Trimethylbenzene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,3-Dichlorobenzene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,3-Dichloropropane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,4-Dichlorobenzene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1

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Laboratory ID 21092011 **Sampled** 10/27/14
Sample ID SB-3-GW **Received** 10/28/14
Matrix Water **Reported** 11/04/14

8260B GC/MS Volatiles (continued)

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
2,2-dichloropropane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
2-Butanone	8260B	10/28/14	10/28/14	ND	5.0	ug/L	1:1
2-Chloroethylvinyl ether	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
2-Chlorotoluene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
2-Hexanone	8260B	10/28/14	10/28/14	ND	10	ug/L	1:1
4-Chlorotoluene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
4-Isopropyltoluene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
4-Methyl-2-pentanone	8260B	10/28/14	10/28/14	ND	5.0	ug/L	1:1
Acetone	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Acrolein	8260B	10/28/14	10/28/14	ND	10	ug/L	1:1
Acrylonitrile	8260B	10/28/14	10/28/14	ND	10	ug/L	1:1
Benzene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Bromobenzene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Bromochloromethane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Bromodichloromethane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Bromoform	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Bromomethane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Carbon disulfide	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Carbon tetrachloride	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Chlorobenzene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Chloroethane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Chloroform	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Chloromethane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Dibromochloromethane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Dibromomethane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Dichlorodifluoromethane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Dichloromethane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Ethylbenzene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Hexachlorobutadiene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Iodomethane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Isopropylbenzene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Naphthalene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Styrene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Tetrachloroethene	**8260B**	**10/28/14**	**10/28/14**	**1.2**	**1.0**	**ug/L**	**1:1**
Toluene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Trichloroethene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1

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Client ID AECOM Technical Services
Workorder # 21092 **Workorder ID** AOC CP479 Ukiah

Laboratory ID 21092011 **Sampled** 10/27/14
Sample ID SB-3-GW **Received** 10/28/14
Matrix Water **Reported** 11/04/14

8260B GC/MS Volatiles (continued)

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Trichlorofluoromethane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Vinyl acetate	8260B	10/28/14	10/28/14	ND	5.0	ug/L	1:1
Vinyl chloride	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
cis-1,2-Dichloroethene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
cis-1,3-Dichloropropene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
m,p-Xylene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
n-Butylbenzene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
n-Propylbenzene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
o-Xylene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
sec-Butylbenzene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
tert-Butylbenzene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
trans-1,2-Dichloroethene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
trans-1,3-Dichloropropene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Methyl-tert-butyl-ether	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1

Surrogates	Result	Recovery	Limits
1,2-Dichloroethane-d4	52 ug/L	104 %	(70 - 135)
Toluene d8	51 ug/L	102 %	(70 - 135)
4-Bromofluorobenzene	50 ug/L	100 %	(70 - 135)

Laboratory ID 21092011 **Sampled** 10/27/14
Sample ID SB-3-GW **Received** 10/28/14
Matrix Water **Reported** 11/04/14

8310 by HPLC

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Naphthalene	EPA 8310	10/29/14	11/03/14	ND	0.10	ug/L	1:1
Acenaphthylene	EPA 8310	10/29/14	11/03/14	ND	0.10	ug/L	1:1
Acenaphthene	EPA 8310	10/29/14	11/03/14	ND	0.10	ug/L	1:1
Fluorene	EPA 8310	10/29/14	11/03/14	ND	0.10	ug/L	1:1
Phenanthrene	EPA 8310	10/29/14	11/03/14	ND	0.10	ug/L	1:1
Anthracene	EPA 8310	10/29/14	11/03/14	ND	0.10	ug/L	1:1
Fluoranthene	EPA 8310	10/29/14	11/03/14	ND	0.10	ug/L	1:1
Pyrene	EPA 8310	10/29/14	11/03/14	ND	0.10	ug/L	1:1
Benzo(a)anthracene	EPA 8310	10/29/14	11/03/14	ND	0.10	ug/L	1:1
Chrysene	EPA 8310	10/29/14	11/03/14	ND	0.10	ug/L	1:1
Benzo(b)fluoranthene	EPA 8310	10/29/14	11/03/14	ND	0.10	ug/L	1:1
Benzo(k)fluoranthene	EPA 8310	10/29/14	11/03/14	ND	0.10	ug/L	1:1

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Laboratory ID 21092011 **Sampled** 10/27/14
Sample ID SB-3-GW **Received** 10/28/14
Matrix Water **Reported** 11/04/14

8310 by HPLC (continued)

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Benzo(a)pyrene	EPA 8310	10/29/14	11/03/14	ND	0.10	ug/L	1:1
Dibenzo(a,h)anthracene	EPA 8310	10/29/14	11/03/14	ND	0.10	ug/L	1:1
Benzo(g,h,i)perylene	EPA 8310	10/29/14	11/03/14	ND	0.10	ug/L	1:1
Indeno(1,2,3-cd)pyrene	EPA 8310	10/29/14	11/03/14	ND	0.10	ug/L	1:1

Surrogates	Result	Recovery	Limits
p-Terphenyl	37.7 ug/L	75 %	(35 - 135)

Laboratory ID 21092011 **Sampled** 10/27/14
Sample ID SB-3-GW **Received** 10/28/14
Matrix Water **Reported** 11/04/14

6010B/7470A

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Antimony	6010B	10/30/14	10/31/14	ND	0.0060	mg/L	1:1
Arsenic	6010B	10/30/14	10/31/14	ND	0.010	mg/L	1:1
Barium	**6010B**	**10/30/14**	**10/31/14**	**1.3**	**0.010**	**mg/L**	**1:1**
Beryllium	6010B	10/30/14	10/31/14	ND	0.0030	mg/L	1:1
Cadmium	6010B	10/30/14	10/31/14	ND	0.0050	mg/L	1:1
Chromium	6010B	10/30/14	10/31/14	ND	0.010	mg/L	1:1
Cobalt	6010B	10/30/14	10/31/14	ND	0.010	mg/L	1:1
Copper	6010B	10/30/14	10/31/14	ND	0.020	mg/L	1:1
Lead	6010B	10/30/14	10/31/14	ND	0.010	mg/L	1:1
Mercury	7470A	10/29/14	10/30/14	ND	0.00020	mg/L	1:1
Molybdenum	6010B	10/30/14	10/31/14	ND	0.050	mg/L	1:1
Nickel	**6010B**	**10/30/14**	**10/31/14**	**0.047**	**0.040**	**mg/L**	**1:1**
Selenium	6010B	10/30/14	10/31/14	ND	0.050	mg/L	1:1
Silver	6010B	10/30/14	10/31/14	ND	0.010	mg/L	1:1
Thallium	6010B	10/30/14	10/31/14	ND	0.050	mg/L	1:1
Vanadium	6010B	10/30/14	10/31/14	ND	0.050	mg/L	1:1
Zinc	**6010B**	**10/30/14**	**10/31/14**	**0.045**	**0.015**	**mg/L**	**1:1**

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Test Certificate of Analysis

Client ID AECOM Technical Services
Workorder # 21092 **Workorder ID** AOC CP479 Ukiah

Laboratory ID 21092012 **Sampled** 10/27/14
Sample ID SB-4-0.5 **Received** 10/28/14
Matrix Soil **Reported** 11/04/14

8015B TEPH

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
TPHdiesel	8015B TEPH S	10/29/14	10/30/14	ND	1.0	mg/Kg	1:1

Laboratory ID 21092012 **Sampled** 10/27/14
Sample ID SB-4-0.5 **Received** 10/28/14
Matrix Soil **Reported** 11/04/14

8015B TPH Gas

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
TPHgas	8015B TPHgas S	10/29/14	10/29/14	ND	0.50	mg/Kg	1:1

Surrogates	Result	Recovery	Limits
Trifluorotoluene	14 ug/kg	70 %	(65 - 135)

Laboratory ID 21092012 **Sampled** 10/27/14
Sample ID SB-4-0.5 **Received** 10/28/14
Matrix Soil **Reported** 11/04/14

8260B GC/MS Volatiles

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
1,1,1,2-Tetrachloroethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,1,1-Trichloroethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,1,2,2-Tetrachloroethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,1,2-Trichloroethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,1-Dichloroethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,1-Dichloroethene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,1-dichloropropane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2,3-Trichlorobenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2,3-Trichloropropane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2,4-Trichlorobenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2,4-Trimethylbenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2-Dibromo-3-chloropropane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2-Dibromoethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2-Dichlorobenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2-Dichloroethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2-Dichloropropane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,3,5-Trimethylbenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,3-Dichlorobenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,3-Dichloropropane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,4-Dichlorobenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1

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Test Certificate of Analysis

Client ID AECOM Technical Services
Workorder # 21092 **Workorder ID** AOC CP479 Ukiah

Laboratory ID 21092012 **Sampled** 10/27/14
Sample ID SB-4-0.5 **Received** 10/28/14
Matrix Soil **Reported** 11/04/14

8260B GC/MS Volatiles (continued)

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
2,2-dichloropropane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
2-Butanone	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
2-Chloroethylvinyl ether	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
2-Chlorotoluene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
2-Hexanone	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
4-Chlorotoluene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
4-Isopropyltoluene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
4-Methyl-2-pentanone	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Acetone	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Acrolein	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Acrylonitrile	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Benzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Bromobenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Bromochloromethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Bromodichloromethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Bromoform	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Bromomethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Carbon disulfide	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Carbon tetrachloride	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Chlorobenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Chloroethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Chloroform	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Chloromethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Dibromochloromethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Dibromomethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Dichlorodifluoromethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Dichloromethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Ethylbenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Hexachlorobutadiene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Iodomethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Isopropylbenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Naphthalene	8260B S	10/29/14	10/29/14	ND	1.0	ug/kg	1:1
Styrene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Tetrachloroethene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Toluene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Trichloroethene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1

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Client ID AECOM Technical Services
Workorder # 21092 **Workorder ID** AOC CP479 Ukiah

Laboratory ID 21092012 **Sampled** 10/27/14
Sample ID SB-4-0.5 **Received** 10/28/14
Matrix Soil **Reported** 11/04/14

8260B GC/MS Volatiles (continued)

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Trichlorofluoromethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Vinyl acetate	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Vinyl chloride	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
cis-1,2-Dichloroethene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
cis-1,3-Dichloropropene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
m,p-Xylene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
n-Butylbenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
n-Propylbenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
o-Xylene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
sec-Butylbenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
tert-Butylbenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
trans-1,2-Dichloroethene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
trans-1,3-Dichloropropene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Methyl-tert-butyl-ether	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1

Surrogates	Result	Recovery	Limits
1,2-Dichloroethane-d4	57 ug/kg	114 %	(65 - 135)
Toluene d8	50 ug/kg	100 %	(65 - 135)
4-Bromofluorobenzene	48 ug/kg	96 %	(65 - 135)

Laboratory ID 21092012 **Sampled** 10/27/14
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Matrix Soil **Reported** 11/04/14

8310 by HPLC

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Acenaphthene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Acenaphthylene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Anthracene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Benzo(a)anthracene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Benzo(a)pyrene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Benzo(b)fluoranthene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Benzo(g,h,i)perylene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Benzo(k)fluoranthene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Chrysene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Dibenzo(a,h)anthracene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Fluoranthene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Fluorene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1

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Matrix Soil **Reported** 11/04/14

8310 by HPLC (continued)

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Indeno(1,2,3-cd)pyrene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Naphthalene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Phenanthrene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Pyrene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1

Surrogates	Result	Recovery	Limits
p-Terphenyl	1.46 mg/Kg	88 %	(35 - 135)

Laboratory ID 21092012 **Sampled** 10/27/14
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Matrix Soil **Reported** 11/04/14

CAM17 TTLC

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Antimony	6010B S	10/29/14	10/31/14	ND	2.0	mg/Kg	1:1
Arsenic	**6010B S**	**10/29/14**	**10/31/14**	**12**	**2.0**	**mg/Kg**	**1:1**
Barium	**6010B S**	**10/29/14**	**10/31/14**	**145**	**2.0**	**mg/Kg**	**1:1**
Beryllium	6010B S	10/29/14	10/31/14	ND	0.30	mg/Kg	1:1
Cadmium	6010B S	10/29/14	10/31/14	ND	0.50	mg/Kg	1:1
Chromium	**6010B S**	**10/29/14**	**10/31/14**	**56**	**1.0**	**mg/Kg**	**1:1**
Cobalt	**6010B S**	**10/29/14**	**10/31/14**	**12**	**2.0**	**mg/Kg**	**1:1**
Copper	**6010B S**	**10/29/14**	**10/31/14**	**26**	**2.0**	**mg/Kg**	**1:1**
Lead	**6010B S**	**10/29/14**	**10/31/14**	**19**	**1.0**	**mg/Kg**	**1:1**
Mercury	**7471A S HG**	**10/29/14**	**10/30/14**	**0.054**	**0.0050**	**mg/Kg**	**1:1**
Molybdenum	6010B S	10/29/14	10/31/14	ND	2.0	mg/Kg	1:1
Nickel	**6010B S**	**10/29/14**	**10/31/14**	**75**	**4.0**	**mg/Kg**	**1:1**
Selenium	6010B S	10/29/14	10/31/14	ND	5.0	mg/Kg	1:1
Silver	6010B S	10/29/14	10/31/14	ND	0.50	mg/Kg	1:1
Thallium	6010B S	10/29/14	10/31/14	ND	5.0	mg/Kg	1:1
Vanadium	**6010B S**	**10/29/14**	**10/31/14**	**34**	**1.0**	**mg/Kg**	**1:1**
Zinc	**6010B S**	**10/29/14**	**10/31/14**	**63**	**1.5**	**mg/Kg**	**1:1**

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Laboratory ID 21092013 **Sampled** 10/27/14
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Matrix Soil **Reported** 11/04/14

8015B TEPH

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
TPHdiesel	8015B TEPH S	10/29/14	10/30/14	ND	1.0	mg/Kg	1:1

Laboratory ID 21092013 **Sampled** 10/27/14
Sample ID SB-4-5 **Received** 10/28/14
Matrix Soil **Reported** 11/04/14

8015B TPH Gas

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
TPHgas	8015B TPHgas S	10/29/14	10/29/14	ND	0.50	mg/Kg	1:1

Surrogates	Result	Recovery	Limits
Trifluorotoluene	15.6 ug/kg	78 %	(65 - 135)

Laboratory ID 21092013 **Sampled** 10/27/14
Sample ID SB-4-5 **Received** 10/28/14
Matrix Soil **Reported** 11/04/14

8260B GC/MS Volatiles

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
1,1,1,2-Tetrachloroethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,1,1-Trichloroethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,1,2,2-Tetrachloroethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,1,2-Trichloroethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,1-Dichloroethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,1-Dichloroethene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,1-dichloropropane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2,3-Trichlorobenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2,3-Trichloropropane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2,4-Trichlorobenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2,4-Trimethylbenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2-Dibromo-3-chloropropane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2-Dibromoethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2-Dichlorobenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2-Dichloroethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2-Dichloropropane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,3,5-Trimethylbenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,3-Dichlorobenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,3-Dichloropropane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,4-Dichlorobenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1

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Matrix Soil **Reported** 11/04/14

8260B GC/MS Volatiles (continued)

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
2,2-dichloropropane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
2-Butanone	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
2-Chloroethylvinyl ether	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
2-Chlorotoluene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
2-Hexanone	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
4-Chlorotoluene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
4-Isopropyltoluene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
4-Methyl-2-pentanone	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Acetone	**8260B S**	**10/29/14**	**10/29/14**	**20**	**2.0**	**ug/kg**	**1:1**
Acrolein	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Acrylonitrile	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Benzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Bromobenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Bromochloromethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Bromodichloromethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Bromoform	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Bromomethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Carbon disulfide	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Carbon tetrachloride	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Chlorobenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Chloroethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Chloroform	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Chloromethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Dibromochloromethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Dibromomethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Dichlorodifluoromethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Dichloromethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Ethylbenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Hexachlorobutadiene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Iodomethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Isopropylbenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Naphthalene	8260B S	10/29/14	10/29/14	ND	1.0	ug/kg	1:1
Styrene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Tetrachloroethene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Toluene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Trichloroethene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1

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Laboratory ID 21092013 **Sampled** 10/27/14
Sample ID SB-4-5 **Received** 10/28/14
Matrix Soil **Reported** 11/04/14

8260B GC/MS Volatiles (continued)

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Trichlorofluoromethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Vinyl acetate	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Vinyl chloride	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
cis-1,2-Dichloroethene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
cis-1,3-Dichloropropene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
m,p-Xylene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
n-Butylbenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
n-Propylbenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
o-Xylene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
sec-Butylbenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
tert-Butylbenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
trans-1,2-Dichloroethene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
trans-1,3-Dichloropropene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Methyl-tert-butyl-ether	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1

Surrogates	Result	Recovery	Limits
1,2-Dichloroethane-d4	61 ug/kg	122 %	(65 - 135)
Toluene d8	51 ug/kg	102 %	(65 - 135)
4-Bromofluorobenzene	51 ug/kg	102 %	(65 - 135)

Laboratory ID 21092013 **Sampled** 10/27/14
Sample ID SB-4-5 **Received** 10/28/14
Matrix Soil **Reported** 11/04/14

8310 by HPLC

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Acenaphthene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Acenaphthylene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Anthracene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Benzo(a)anthracene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Benzo(a)pyrene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Benzo(b)fluoranthene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Benzo(g,h,i)perylene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Benzo(k)fluoranthene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Chrysene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Dibenzo(a,h)anthracene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Fluoranthene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Fluorene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1

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Laboratory ID 21092013 **Sampled** 10/27/14
Sample ID SB-4-5 **Received** 10/28/14
Matrix Soil **Reported** 11/04/14

8310 by HPLC (continued)

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Indeno(1,2,3-cd)pyrene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Naphthalene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Phenanthrene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Pyrene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1

Surrogates	Result	Recovery	Limits
p-Terphenyl	1.29 mg/Kg	77 %	(35 - 135)

Laboratory ID 21092013 **Sampled** 10/27/14
Sample ID SB-4-5 **Received** 10/28/14
Matrix Soil **Reported** 11/04/14

CAM17 TTLC

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Antimony	6010B S	10/29/14	10/31/14	ND	2.0	mg/Kg	1:1
Arsenic	**6010B S**	**10/29/14**	**10/31/14**	**13**	**2.0**	**mg/Kg**	**1:1**
Barium	**6010B S**	**10/29/14**	**10/31/14**	**206**	**2.0**	**mg/Kg**	**1:1**
Beryllium	6010B S	10/29/14	10/31/14	ND	0.30	mg/Kg	1:1
Cadmium	6010B S	10/29/14	10/31/14	ND	0.50	mg/Kg	1:1
Chromium	**6010B S**	**10/29/14**	**10/31/14**	**72**	**1.0**	**mg/Kg**	**1:1**
Cobalt	**6010B S**	**10/29/14**	**10/31/14**	**16**	**2.0**	**mg/Kg**	**1:1**
Copper	**6010B S**	**10/29/14**	**10/31/14**	**36**	**2.0**	**mg/Kg**	**1:1**
Lead	**6010B S**	**10/29/14**	**10/31/14**	**11**	**1.0**	**mg/Kg**	**1:1**
Mercury	**7471A S HG**	**10/29/14**	**10/30/14**	**0.046**	**0.0050**	**mg/Kg**	**1:1**
Molybdenum	6010B S	10/29/14	10/31/14	ND	2.0	mg/Kg	1:1
Nickel	**6010B S**	**10/29/14**	**10/31/14**	**99**	**4.0**	**mg/Kg**	**1:1**
Selenium	6010B S	10/29/14	10/31/14	ND	5.0	mg/Kg	1:1
Silver	6010B S	10/29/14	10/31/14	ND	0.50	mg/Kg	1:1
Thallium	6010B S	10/29/14	10/31/14	ND	5.0	mg/Kg	1:1
Vanadium	**6010B S**	**10/29/14**	**10/31/14**	**46**	**1.0**	**mg/Kg**	**1:1**
Zinc	**6010B S**	**10/29/14**	**10/31/14**	**67**	**1.5**	**mg/Kg**	**1:1**

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Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
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Test Certificate of Analysis

Client ID AECOM Technical Services
Workorder # 21092 **Workorder ID** AOC CP479 Ukiah

Laboratory ID 21092014 **Sampled** 10/27/14
Sample ID SB-4-GW **Received** 10/28/14
Matrix Water **Reported** 11/05/14

8015B TEPH

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
TPHdiesel	8015B TEPH	10/29/14	10/30/14	ND	50	ug/L	1:1

Laboratory ID 21092014 **Sampled** 10/27/14
Sample ID SB-4-GW **Received** 10/28/14
Matrix Water **Reported** 11/05/14

8015B TPH Gas

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
TPHgas	8015B TPHgas	10/31/14	10/31/14	ND	50	ug/L	1:1

Surrogates	Result	Recovery	Limits
Trifluorotoluene	16.2 ug/L	81 %	(65 - 135)

Laboratory ID 21092014 **Sampled** 10/27/14
Sample ID SB-4-GW **Received** 10/28/14
Matrix Water **Reported** 11/05/14

8260B GC/MS Volatiles

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
1,1,1,2-Tetrachloroethane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,1,1-Trichloroethane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,1,2,2-Tetrachloroethane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,1,2-Trichloroethane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,1-Dichloroethane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,1-Dichloroethene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,1-dichloropropane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,2,3-Trichlorobenzene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,2,3-Trichloropropane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,2,4-Trichlorobenzene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,2,4-Trimethylbenzene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,2-Dibromo-3-chloropropane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,2-Dibromoethane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,2-Dichlorobenzene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,2-Dichloroethane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,2-Dichloropropane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,3,5-Trimethylbenzene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,3-Dichlorobenzene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,3-Dichloropropane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,4-Dichlorobenzene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1

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Laboratory ID 21092014 **Sampled** 10/27/14
Sample ID SB-4-GW **Received** 10/28/14
Matrix Water **Reported** 11/05/14

8260B GC/MS Volatiles (continued)

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
2,2-dichloropropane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
2-Butanone	8260B	10/28/14	10/28/14	ND	5.0	ug/L	1:1
2-Chloroethylvinyl ether	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
2-Chlorotoluene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
2-Hexanone	8260B	10/28/14	10/28/14	ND	10	ug/L	1:1
4-Chlorotoluene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
4-Isopropyltoluene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
4-Methyl-2-pentanone	8260B	10/28/14	10/28/14	ND	5.0	ug/L	1:1
Acetone	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Acrolein	8260B	10/28/14	10/28/14	ND	10	ug/L	1:1
Acrylonitrile	8260B	10/28/14	10/28/14	ND	10	ug/L	1:1
Benzene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Bromobenzene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Bromochloromethane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Bromodichloromethane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Bromoform	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Bromomethane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Carbon disulfide	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Carbon tetrachloride	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Chlorobenzene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Chloroethane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Chloroform	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Chloromethane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Dibromochloromethane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Dibromomethane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Dichlorodifluoromethane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Dichloromethane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Ethylbenzene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Hexachlorobutadiene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Iodomethane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Isopropylbenzene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Naphthalene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Styrene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Tetrachloroethene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Toluene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Trichloroethene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1

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Client ID AECOM Technical Services
Workorder # 21092 **Workorder ID** AOC CP479 Ukiah

Laboratory ID 21092014 **Sampled** 10/27/14
Sample ID SB-4-GW **Received** 10/28/14
Matrix Water **Reported** 11/05/14

8260B GC/MS Volatiles (continued)

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Trichlorofluoromethane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Vinyl acetate	8260B	10/28/14	10/28/14	ND	5.0	ug/L	1:1
Vinyl chloride	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
cis-1,2-Dichloroethene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
cis-1,3-Dichloropropene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
m,p-Xylene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
n-Butylbenzene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
n-Propylbenzene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
o-Xylene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
sec-Butylbenzene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
tert-Butylbenzene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
trans-1,2-Dichloroethene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
trans-1,3-Dichloropropene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Methyl-tert-butyl-ether	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1

Surrogates	Result	Recovery	Limits
1,2-Dichloroethane-d4	54 ug/L	108 %	(70 - 135)
Toluene d8	52 ug/L	104 %	(70 - 135)
4-Bromofluorobenzene	51 ug/L	102 %	(70 - 135)

Laboratory ID 21092014 **Sampled** 10/27/14
Sample ID SB-4-GW **Received** 10/28/14
Matrix Water **Reported** 11/05/14

8310 by HPLC

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Naphthalene	EPA 8310	10/29/14	11/03/14	ND	0.10	ug/L	1:1
Acenaphthylene	EPA 8310	10/29/14	11/03/14	ND	0.10	ug/L	1:1
Acenaphthene	EPA 8310	10/29/14	11/03/14	ND	0.10	ug/L	1:1
Fluorene	EPA 8310	10/29/14	11/03/14	ND	0.10	ug/L	1:1
Phenanthrene	EPA 8310	10/29/14	11/03/14	ND	0.10	ug/L	1:1
Anthracene	EPA 8310	10/29/14	11/03/14	ND	0.10	ug/L	1:1
Fluoranthene	EPA 8310	10/29/14	11/03/14	ND	0.10	ug/L	1:1
Pyrene	EPA 8310	10/29/14	11/03/14	ND	0.10	ug/L	1:1
Benzo(a)anthracene	EPA 8310	10/29/14	11/03/14	ND	0.10	ug/L	1:1
Chrysene	EPA 8310	10/29/14	11/03/14	ND	0.10	ug/L	1:1
Benzo(b)fluoranthene	**EPA 8310**	**10/29/14**	**11/03/14**	**0.2**	**0.10**	**ug/L**	**1:1**
Benzo(k)fluoranthene	EPA 8310	10/29/14	11/03/14	ND	0.10	ug/L	1:1

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Matrix Water **Reported** 11/05/14

8310 by HPLC (continued)

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Benzo(a)pyrene	EPA 8310	10/29/14	11/03/14	ND	0.10	ug/L	1:1
Dibenzo(a,h)anthracene	EPA 8310	10/29/14	11/03/14	ND	0.10	ug/L	1:1
Benzo(g,h,i)perylene	EPA 8310	10/29/14	11/03/14	ND	0.10	ug/L	1:1
Indeno(1,2,3-cd)pyrene	EPA 8310	10/29/14	11/03/14	ND	0.10	ug/L	1:1

Surrogates	Result	Recovery	Limits
p-Terphenyl	37.8 ug/L	76 %	(35 - 135)

Laboratory ID 21092014 **Sampled** 10/27/14
Sample ID SB-4-GW **Received** 10/28/14
Matrix Water **Reported** 11/05/14

6010B/7470A

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Antimony	6010B	10/30/14	10/31/14	ND	0.0060	mg/L	1:1
Arsenic	**6010B**	**10/30/14**	**10/31/14**	**0.050**	**0.010**	**mg/L**	**1:1**
Barium	**6010B**	**10/30/14**	**10/31/14**	**0.48**	**0.010**	**mg/L**	**1:1**
Beryllium	6010B	10/30/14	10/31/14	ND	0.0030	mg/L	1:1
Cadmium	6010B	10/30/14	10/31/14	ND	0.0050	mg/L	1:1
Chromium	6010B	10/30/14	10/31/14	ND	0.010	mg/L	1:1
Cobalt	6010B	10/30/14	10/31/14	ND	0.010	mg/L	1:1
Copper	6010B	10/30/14	10/31/14	ND	0.020	mg/L	1:1
Lead	6010B	10/30/14	10/31/14	ND	0.010	mg/L	1:1
Mercury	7470A	10/29/14	10/30/14	ND	0.00020	mg/L	1:1
Molybdenum	6010B	10/30/14	10/31/14	ND	0.050	mg/L	1:1
Nickel	6010B	10/30/14	10/31/14	ND	0.040	mg/L	1:1
Selenium	6010B	10/30/14	10/31/14	ND	0.050	mg/L	1:1
Silver	6010B	10/30/14	10/31/14	ND	0.010	mg/L	1:1
Thallium	6010B	10/30/14	10/31/14	ND	0.050	mg/L	1:1
Vanadium	6010B	10/30/14	10/31/14	ND	0.050	mg/L	1:1
Zinc	**6010B**	**10/30/14**	**10/31/14**	**0.016**	**0.015**	**mg/L**	**1:1**

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Laboratory ID 21092015 **Sampled** 10/27/14
Sample ID SB-5-0.5 **Received** 10/28/14
Matrix Soil **Reported** 11/04/14

8015B TEPH

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
TPHdiesel	8015B TEPH S	10/29/14	10/30/14	ND	1.0	mg/Kg	1:1

Laboratory ID 21092015 **Sampled** 10/27/14
Sample ID SB-5-0.5 **Received** 10/28/14
Matrix Soil **Reported** 11/04/14

8015B TPH Gas

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
TPHgas	8015B TPHgas S	10/29/14	10/29/14	ND	0.50	mg/Kg	1:1

Surrogates	Result	Recovery	Limits
Trifluorotoluene	16.6 ug/kg	83 %	(65 - 135)

Laboratory ID 21092015 **Sampled** 10/27/14
Sample ID SB-5-0.5 **Received** 10/28/14
Matrix Soil **Reported** 11/04/14

8260B GC/MS Volatiles

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
1,1,1,2-Tetrachloroethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,1,1-Trichloroethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,1,2,2-Tetrachloroethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,1,2-Trichloroethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,1-Dichloroethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,1-Dichloroethene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,1-dichloropropane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2,3-Trichlorobenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2,3-Trichloropropane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2,4-Trichlorobenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2,4-Trimethylbenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2-Dibromo-3-chloropropane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2-Dibromoethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2-Dichlorobenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2-Dichloroethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2-Dichloropropane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,3,5-Trimethylbenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,3-Dichlorobenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,3-Dichloropropane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,4-Dichlorobenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1

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Client ID AECOM Technical Services
Workorder # 21092 **Workorder ID** AOC CP479 Ukiah

Laboratory ID 21092015 **Sampled** 10/27/14
Sample ID SB-5-0.5 **Received** 10/28/14
Matrix Soil **Reported** 11/04/14

8260B GC/MS Volatiles (continued)

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
2,2-dichloropropane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
2-Butanone	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
2-Chloroethylvinyl ether	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
2-Chlorotoluene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
2-Hexanone	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
4-Chlorotoluene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
4-Isopropyltoluene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
4-Methyl-2-pentanone	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Acetone	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Acrolein	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Acrylonitrile	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Benzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Bromobenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Bromochloromethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Bromodichloromethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Bromoform	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Bromomethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Carbon disulfide	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Carbon tetrachloride	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Chlorobenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Chloroethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Chloroform	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Chloromethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Dibromochloromethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Dibromomethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Dichlorodifluoromethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Dichloromethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Ethylbenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Hexachlorobutadiene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Iodomethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Isopropylbenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Naphthalene	8260B S	10/29/14	10/29/14	ND	1.0	ug/kg	1:1
Styrene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Tetrachloroethene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Toluene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Trichloroethene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1

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Test Certificate of Analysis

Client ID AECOM Technical Services
Workorder # 21092 **Workorder ID** AOC CP479 Ukiah

Laboratory ID 21092015 **Sampled** 10/27/14
Sample ID SB-5-0.5 **Received** 10/28/14
Matrix Soil **Reported** 11/04/14

8260B GC/MS Volatiles (continued)

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Trichlorofluoromethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Vinyl acetate	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Vinyl chloride	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
cis-1,2-Dichloroethene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
cis-1,3-Dichloropropene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
m,p-Xylene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
n-Butylbenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
n-Propylbenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
o-Xylene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
sec-Butylbenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
tert-Butylbenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
trans-1,2-Dichloroethene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
trans-1,3-Dichloropropene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Methyl-tert-butyl-ether	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1

Surrogates	Result	Recovery	Limits
1,2-Dichloroethane-d4	58 ug/kg	116 %	(65 - 135)
Toluene d8	48 ug/kg	96 %	(65 - 135)
4-Bromofluorobenzene	34 ug/kg	68 %	(65 - 135)

Laboratory ID 21092015 **Sampled** 10/27/14
Sample ID SB-5-0.5 **Received** 10/28/14
Matrix Soil **Reported** 11/04/14

8310 by HPLC

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Acenaphthene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Acenaphthylene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Anthracene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Benzo(a)anthracene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Benzo(a)pyrene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Benzo(b)fluoranthene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Benzo(g,h,i)perylene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Benzo(k)fluoranthene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Chrysene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Dibenzo(a,h)anthracene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Fluoranthene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Fluorene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1

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Matrix Soil **Reported** 11/04/14

8310 by HPLC (continued)

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Indeno(1,2,3-cd)pyrene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Naphthalene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Phenanthrene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Pyrene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1

Surrogates	Result	Recovery	Limits
p-Terphenyl	1.24 mg/Kg	74 %	(35 - 135)

Laboratory ID 21092015 **Sampled** 10/27/14
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Matrix Soil **Reported** 11/04/14

CAM17 TTLC

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Antimony	6010B S	10/29/14	10/31/14	ND	2.0	mg/Kg	1:1
Arsenic	**6010B S**	**10/29/14**	**10/31/14**	**39**	**2.0**	**mg/Kg**	**1:1**
Barium	**6010B S**	**10/29/14**	**10/31/14**	**210**	**2.0**	**mg/Kg**	**1:1**
Beryllium	6010B S	10/29/14	10/31/14	ND	0.30	mg/Kg	1:1
Cadmium	6010B S	10/29/14	10/31/14	ND	0.50	mg/Kg	1:1
Chromium	**6010B S**	**10/29/14**	**10/31/14**	**72**	**1.0**	**mg/Kg**	**1:1**
Cobalt	**6010B S**	**10/29/14**	**10/31/14**	**17**	**2.0**	**mg/Kg**	**1:1**
Copper	**6010B S**	**10/29/14**	**10/31/14**	**52**	**2.0**	**mg/Kg**	**1:1**
Lead	**6010B S**	**10/29/14**	**10/31/14**	**114**	**1.0**	**mg/Kg**	**1:1**
Mercury	**7471A S HG**	**10/29/14**	**10/30/14**	**0.084**	**0.0050**	**mg/Kg**	**1:1**
Molybdenum	6010B S	10/29/14	10/31/14	ND	2.0	mg/Kg	1:1
Nickel	**6010B S**	**10/29/14**	**10/31/14**	**97**	**4.0**	**mg/Kg**	**1:1**
Selenium	6010B S	10/29/14	10/31/14	ND	5.0	mg/Kg	1:1
Silver	6010B S	10/29/14	10/31/14	ND	0.50	mg/Kg	1:1
Thallium	6010B S	10/29/14	10/31/14	ND	5.0	mg/Kg	1:1
Vanadium	**6010B S**	**10/29/14**	**10/31/14**	**48**	**1.0**	**mg/Kg**	**1:1**
Zinc	**6010B S**	**10/29/14**	**10/31/14**	**185**	**1.5**	**mg/Kg**	**1:1**

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Laboratory ID 21092016 **Sampled** 10/27/14
Sample ID SB-5-5 **Received** 10/28/14
Matrix Soil **Reported** 11/04/14

8015B TEPH

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
TPHdiesel	8015B TEPH S	10/29/14	10/30/14	ND	1.0	mg/Kg	1:1

Laboratory ID 21092016 **Sampled** 10/27/14
Sample ID SB-5-5 **Received** 10/28/14
Matrix Soil **Reported** 11/04/14

8015B TPH Gas

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
TPHgas	8015B TPHgas S	10/29/14	10/29/14	ND	0.50	mg/Kg	1:1

Surrogates	Result	Recovery	Limits
Trifluorotoluene	15.5 ug/kg	78 %	(65 - 135)

Laboratory ID 21092016 **Sampled** 10/27/14
Sample ID SB-5-5 **Received** 10/28/14
Matrix Soil **Reported** 11/04/14

8260B GC/MS Volatiles

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
1,1,1,2-Tetrachloroethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,1,1-Trichloroethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,1,2,2-Tetrachloroethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,1,2-Trichloroethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,1-Dichloroethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,1-Dichloroethene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,1-dichloropropane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2,3-Trichlorobenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2,3-Trichloropropane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2,4-Trichlorobenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2,4-Trimethylbenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2-Dibromo-3-chloropropane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2-Dibromoethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2-Dichlorobenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2-Dichloroethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2-Dichloropropane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,3,5-Trimethylbenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,3-Dichlorobenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,3-Dichloropropane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,4-Dichlorobenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1

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Matrix Soil **Reported** 11/04/14

8260B GC/MS Volatiles (continued)

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
2,2-dichloropropane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
2-Butanone	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
2-Chloroethylvinyl ether	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
2-Chlorotoluene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
2-Hexanone	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
4-Chlorotoluene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
4-Isopropyltoluene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
4-Methyl-2-pentanone	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Acetone	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Acrolein	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Acrylonitrile	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Benzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Bromobenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Bromochloromethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Bromodichloromethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Bromoform	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Bromomethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Carbon disulfide	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Carbon tetrachloride	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Chlorobenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Chloroethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Chloroform	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Chloromethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Dibromochloromethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Dibromomethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Dichlorodifluoromethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Dichloromethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Ethylbenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Hexachlorobutadiene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Iodomethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Isopropylbenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Naphthalene	8260B S	10/29/14	10/29/14	ND	1.0	ug/kg	1:1
Styrene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Tetrachloroethene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Toluene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Trichloroethene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1

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Laboratory ID 21092016 **Sampled** 10/27/14
Sample ID SB-5-5 **Received** 10/28/14
Matrix Soil **Reported** 11/04/14

8260B GC/MS Volatiles (continued)

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Trichlorofluoromethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Vinyl acetate	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Vinyl chloride	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
cis-1,2-Dichloroethene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
cis-1,3-Dichloropropene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
m,p-Xylene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
n-Butylbenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
n-Propylbenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
o-Xylene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
sec-Butylbenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
tert-Butylbenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
trans-1,2-Dichloroethene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
trans-1,3-Dichloropropene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Methyl-tert-butyl-ether	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1

Surrogates	Result	Recovery	Limits
1,2-Dichloroethane-d4	56 ug/kg	112 %	(65 - 135)
Toluene d8	50 ug/kg	100 %	(65 - 135)
4-Bromofluorobenzene	49 ug/kg	98 %	(65 - 135)

Laboratory ID 21092016 **Sampled** 10/27/14
Sample ID SB-5-5 **Received** 10/28/14
Matrix Soil **Reported** 11/04/14

8310 by HPLC

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Acenaphthene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Acenaphthylene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Anthracene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Benzo(a)anthracene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Benzo(a)pyrene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Benzo(b)fluoranthene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Benzo(g,h,i)perylene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Benzo(k)fluoranthene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Chrysene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Dibenzo(a,h)anthracene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Fluoranthene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Fluorene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1

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Client ID AECOM Technical Services
Workorder # 21092 **Workorder ID** AOC CP479 Ukiah

Laboratory ID 21092016 **Sampled** 10/27/14
Sample ID SB-5-5 **Received** 10/28/14
Matrix Soil **Reported** 11/04/14

8310 by HPLC (continued)

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Indeno(1,2,3-cd)pyrene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Naphthalene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Phenanthrene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Pyrene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1

Surrogates	Result	Recovery	Limits
p-Terphenyl	1.29 mg/Kg	77 %	(35 - 135)

Laboratory ID 21092016 **Sampled** 10/27/14
Sample ID SB-5-5 **Received** 10/28/14
Matrix Soil **Reported** 11/04/14

CAM17 TTLC

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Antimony	6010B S	10/29/14	10/31/14	ND	2.0	mg/Kg	1:1
Arsenic	**6010B S**	**10/29/14**	**10/31/14**	**12**	**2.0**	**mg/Kg**	**1:1**
Barium	**6010B S**	**10/29/14**	**10/31/14**	**185**	**2.0**	**mg/Kg**	**1:1**
Beryllium	6010B S	10/29/14	10/31/14	ND	0.30	mg/Kg	1:1
Cadmium	6010B S	10/29/14	10/31/14	ND	0.50	mg/Kg	1:1
Chromium	**6010B S**	**10/29/14**	**10/31/14**	**72**	**1.0**	**mg/Kg**	**1:1**
Cobalt	**6010B S**	**10/29/14**	**10/31/14**	**15**	**2.0**	**mg/Kg**	**1:1**
Copper	**6010B S**	**10/29/14**	**10/31/14**	**30**	**2.0**	**mg/Kg**	**1:1**
Lead	**6010B S**	**10/29/14**	**10/31/14**	**10**	**1.0**	**mg/Kg**	**1:1**
Mercury	**7471A S HG**	**10/29/14**	**10/30/14**	**0.039**	**0.0050**	**mg/Kg**	**1:1**
Molybdenum	6010B S	10/29/14	10/31/14	ND	2.0	mg/Kg	1:1
Nickel	**6010B S**	**10/29/14**	**10/31/14**	**94**	**4.0**	**mg/Kg**	**1:1**
Selenium	6010B S	10/29/14	10/31/14	ND	5.0	mg/Kg	1:1
Silver	6010B S	10/29/14	10/31/14	ND	0.50	mg/Kg	1:1
Thallium	6010B S	10/29/14	10/31/14	ND	5.0	mg/Kg	1:1
Vanadium	**6010B S**	**10/29/14**	**10/31/14**	**48**	**1.0**	**mg/Kg**	**1:1**
Zinc	**6010B S**	**10/29/14**	**10/31/14**	**62**	**1.5**	**mg/Kg**	**1:1**

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Client ID AECOM Technical Services
Workorder # 21092 **Workorder ID** AOC CP479 Ukiah

Laboratory ID 21092017 **Sampled** 10/27/14
Sample ID SB-5-GW **Received** 10/28/14
Matrix Water **Reported** 11/05/14

8015B TEPH

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
TPHdiesel	8015B TEPH	10/29/14	10/30/14	ND	50	ug/L	1:1

Laboratory ID 21092017 **Sampled** 10/27/14
Sample ID SB-5-GW **Received** 10/28/14
Matrix Water **Reported** 11/05/14

8015B TPH Gas

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
TPHgas	8015B TPHgas	10/31/14	10/31/14	ND	50	ug/L	1:1

Surrogates	Result	Recovery	Limits
Trifluorotoluene	16.3 ug/L	82 %	(65 - 135)

Laboratory ID 21092017 **Sampled** 10/27/14
Sample ID SB-5-GW **Received** 10/28/14
Matrix Water **Reported** 11/05/14

8260B GC/MS Volatiles

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
1,1,1,2-Tetrachloroethane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,1,1-Trichloroethane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,1,2,2-Tetrachloroethane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,1,2-Trichloroethane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,1-Dichloroethane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,1-Dichloroethene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,1-dichloropropane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,2,3-Trichlorobenzene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,2,3-Trichloropropane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,2,4-Trichlorobenzene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,2,4-Trimethylbenzene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,2-Dibromo-3-chloropropane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,2-Dibromoethane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,2-Dichlorobenzene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,2-Dichloroethane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,2-Dichloropropane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,3,5-Trimethylbenzene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,3-Dichlorobenzene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,3-Dichloropropane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,4-Dichlorobenzene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1

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Laboratory ID 21092017 **Sampled** 10/27/14
Sample ID SB-5-GW **Received** 10/28/14
Matrix Water **Reported** 11/05/14

8260B GC/MS Volatiles (continued)

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
2,2-dichloropropane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
2-Butanone	8260B	10/28/14	10/28/14	ND	5.0	ug/L	1:1
2-Chloroethylvinyl ether	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
2-Chlorotoluene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
2-Hexanone	8260B	10/28/14	10/28/14	ND	10	ug/L	1:1
4-Chlorotoluene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
4-Isopropyltoluene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
4-Methyl-2-pentanone	8260B	10/28/14	10/28/14	ND	5.0	ug/L	1:1
Acetone	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Acrolein	8260B	10/28/14	10/28/14	ND	10	ug/L	1:1
Acrylonitrile	8260B	10/28/14	10/28/14	ND	10	ug/L	1:1
Benzene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Bromobenzene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Bromochloromethane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Bromodichloromethane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Bromoform	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Bromomethane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Carbon disulfide	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Carbon tetrachloride	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Chlorobenzene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Chloroethane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Chloroform	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Chloromethane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Dibromochloromethane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Dibromomethane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Dichlorodifluoromethane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Dichloromethane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Ethylbenzene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Hexachlorobutadiene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Iodomethane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Isopropylbenzene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Naphthalene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Styrene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Tetrachloroethene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Toluene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Trichloroethene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1

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Client ID AECOM Technical Services
Workorder # 21092 **Workorder ID** AOC CP479 Ukiah

Laboratory ID 21092017 **Sampled** 10/27/14
Sample ID SB-5-GW **Received** 10/28/14
Matrix Water **Reported** 11/05/14

8260B GC/MS Volatiles (continued)

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Trichlorofluoromethane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Vinyl acetate	8260B	10/28/14	10/28/14	ND	5.0	ug/L	1:1
Vinyl chloride	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
cis-1,2-Dichloroethene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
cis-1,3-Dichloropropene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
m,p-Xylene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
n-Butylbenzene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
n-Propylbenzene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
o-Xylene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
sec-Butylbenzene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
tert-Butylbenzene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
trans-1,2-Dichloroethene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
trans-1,3-Dichloropropene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Methyl-tert-butyl-ether	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1

Surrogates	Result	Recovery	Limits
1,2-Dichloroethane-d4	51 ug/L	102 %	(70 - 135)
Toluene d8	51 ug/L	102 %	(70 - 135)
4-Bromofluorobenzene	50 ug/L	100 %	(70 - 135)

Laboratory ID 21092017 **Sampled** 10/27/14
Sample ID SB-5-GW **Received** 10/28/14
Matrix Water **Reported** 11/05/14

8310 by HPLC

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Naphthalene	EPA 8310	10/29/14	11/03/14	ND	0.10	ug/L	1:1
Acenaphthylene	EPA 8310	10/29/14	11/03/14	ND	0.10	ug/L	1:1
Acenaphthene	EPA 8310	10/29/14	11/03/14	ND	0.10	ug/L	1:1
Fluorene	EPA 8310	10/29/14	11/03/14	ND	0.10	ug/L	1:1
Phenanthrene	EPA 8310	10/29/14	11/03/14	ND	0.10	ug/L	1:1
Anthracene	EPA 8310	10/29/14	11/03/14	ND	0.10	ug/L	1:1
Fluoranthene	EPA 8310	10/29/14	11/03/14	ND	0.10	ug/L	1:1
Pyrene	EPA 8310	10/29/14	11/03/14	ND	0.10	ug/L	1:1
Benzo(a)anthracene	EPA 8310	10/29/14	11/03/14	ND	0.10	ug/L	1:1
Chrysene	EPA 8310	10/29/14	11/03/14	ND	0.10	ug/L	1:1
Benzo(b)fluoranthene	**EPA 8310**	**10/29/14**	**11/03/14**	**0.2**	**0.10**	**ug/L**	**1:1**
Benzo(k)fluoranthene	EPA 8310	10/29/14	11/03/14	ND	0.10	ug/L	1:1

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Client ID AECOM Technical Services
Workorder # 21092 **Workorder ID** AOC CP479 Ukiah

Laboratory ID 21092017 **Sampled** 10/27/14
Sample ID SB-5-GW **Received** 10/28/14
Matrix Water **Reported** 11/05/14

8310 by HPLC (continued)

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Benzo(a)pyrene	EPA 8310	10/29/14	11/03/14	ND	0.10	ug/L	1:1
Dibenzo(a,h)anthracene	EPA 8310	10/29/14	11/03/14	ND	0.10	ug/L	1:1
Benzo(g,h,i)perylene	EPA 8310	10/29/14	11/03/14	ND	0.10	ug/L	1:1
Indeno(1,2,3-cd)pyrene	EPA 8310	10/29/14	11/03/14	ND	0.10	ug/L	1:1

Surrogates	Result	Recovery	Limits
p-Terphenyl	37.9 ug/L	76 %	(35 - 135)

Laboratory ID 21092017 **Sampled** 10/27/14
Sample ID SB-5-GW **Received** 10/28/14
Matrix Water **Reported** 11/05/14

6010B/7470A

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Antimony	6010B	10/30/14	10/31/14	ND	0.0060	mg/L	1:1
Arsenic	**6010B**	**10/30/14**	**10/31/14**	**0.14**	**0.010**	**mg/L**	**1:1**
Barium	**6010B**	**10/30/14**	**10/31/14**	**6.8**	**0.010**	**mg/L**	**1:1**
Beryllium	6010B	10/30/14	10/31/14	ND	0.0030	mg/L	1:1
Cadmium	6010B	10/30/14	10/31/14	ND	0.0050	mg/L	1:1
Chromium	6010B	10/30/14	10/31/14	ND	0.010	mg/L	1:1
Cobalt	**6010B**	**10/30/14**	**10/31/14**	**0.16**	**0.010**	**mg/L**	**1:1**
Copper	**6010B**	**10/30/14**	**10/31/14**	**0.17**	**0.020**	**mg/L**	**1:1**
Lead	6010B	10/30/14	10/31/14	ND	0.010	mg/L	1:1
Mercury	7470A	10/29/14	10/30/14	ND	0.00020	mg/L	1:1
Molybdenum	6010B	10/30/14	10/31/14	ND	0.050	mg/L	1:1
Nickel	**6010B**	**10/30/14**	**10/31/14**	**0.62**	**0.040**	**mg/L**	**1:1**
Selenium	6010B	10/30/14	10/31/14	ND	0.050	mg/L	1:1
Silver	6010B	10/30/14	10/31/14	ND	0.010	mg/L	1:1
Thallium	6010B	10/30/14	10/31/14	ND	0.050	mg/L	1:1
Vanadium	6010B	10/30/14	10/31/14	ND	0.050	mg/L	1:1
Zinc	**6010B**	**10/30/14**	**10/31/14**	**0.17**	**0.015**	**mg/L**	**1:1**

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Method Blank Report

Client ID	AECOM Technical Services	**Sample ID**	MB for HBN 482770 [SGXV/2985]
Laboratory ID	112981	**Matrix**	Water

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
TPHdiesel	8015B TEPH	10/29/14	10/30/14	ND	50	ug/L	1:1

Lab Control Sample Report

Client ID	AECOM Technical Services	**Sample ID**	LCS for HBN 482770 [SGXV/2985]
Laboratory ID	112982	**Matrix**	Water

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
TPHdiesel	8015B TEPH	10/29/14	10/30/14	848	50	ug/L	1:1

Lab Control Sample Duplicate Report

Client ID	AECOM Technical Services	**Sample ID**	LCSD for HBN 482770 [SGXV/2985
Laboratory ID	112983	**Matrix**	Water

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
TPHdiesel	8015B TEPH	10/29/14	10/30/14	898	50	ug/L	1:1

Method Blank Report

Client ID	AECOM Technical Services	**Sample ID**	MB for HBN 482772 [HPLV/1093]
Laboratory ID	112986	**Matrix**	Water

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Naphthalene	EPA 8310	10/29/14	11/03/14	ND	0.10	ug/L	1:1
Acenaphthylene	EPA 8310	10/29/14	11/03/14	ND	0.10	ug/L	1:1
Acenaphthene	EPA 8310	10/29/14	11/03/14	ND	0.10	ug/L	1:1
Fluorene	EPA 8310	10/29/14	11/03/14	ND	0.10	ug/L	1:1
Phenanthrene	EPA 8310	10/29/14	11/03/14	ND	0.10	ug/L	1:1
Anthracene	EPA 8310	10/29/14	11/03/14	ND	0.10	ug/L	1:1
Fluoranthene	EPA 8310	10/29/14	11/03/14	ND	0.10	ug/L	1:1
Pyrene	EPA 8310	10/29/14	11/03/14	ND	0.10	ug/L	1:1
Benzo(a)anthracene	EPA 8310	10/29/14	11/03/14	ND	0.10	ug/L	1:1
Chrysene	EPA 8310	10/29/14	11/03/14	ND	0.10	ug/L	1:1
Benzo(b)fluoranthene	EPA 8310	10/29/14	11/03/14	ND	0.10	ug/L	1:1
Benzo(k)fluoranthene	EPA 8310	10/29/14	11/03/14	ND	0.10	ug/L	1:1
Benzo(a)pyrene	EPA 8310	10/29/14	11/03/14	ND	0.10	ug/L	1:1
Dibenzo(a,h)anthracene	EPA 8310	10/29/14	11/03/14	ND	0.10	ug/L	1:1
Benzo(g,h,i)perylene	EPA 8310	10/29/14	11/03/14	ND	0.10	ug/L	1:1
Indeno(1,2,3-cd)pyrene	EPA 8310	10/29/14	11/03/14	ND	0.10	ug/L	1:1

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Method Blank Report

Client ID	AECOM Technical Services	**Sample ID**	MB for HBN 482772 [HPLV/1093]
Laboratory ID	112986	**Matrix**	Water

Surrogates	Result	Recovery	Limits
p-Terphenyl	39.2 ug/L	78 %	(35 - 135)

Lab Control Sample Report

Client ID	AECOM Technical Services	**Sample ID**	LCS for HBN 482772 [HPLV/1093]
Laboratory ID	112987	**Matrix**	Water

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Acenaphthylene	EPA 8310	10/29/14	11/03/14	6.3	0.10	ug/L	1:1
Acenaphthene	EPA 8310	10/29/14	11/03/14	6.3	0.10	ug/L	1:1
Fluorene	EPA 8310	10/29/14	11/03/14	7.2	0.10	ug/L	1:1
Phenanthrene	EPA 8310	10/29/14	11/03/14	7.2	0.10	ug/L	1:1
Fluoranthene	EPA 8310	10/29/14	11/03/14	8.7	0.10	ug/L	1:1
Pyrene	EPA 8310	10/29/14	11/03/14	8.7	0.10	ug/L	1:1
Benzo(a)anthracene	EPA 8310	10/29/14	11/03/14	8.2	0.10	ug/L	1:1
Chrysene	EPA 8310	10/29/14	11/03/14	10	0.10	ug/L	1:1
Benzo(b)fluoranthene	EPA 8310	10/29/14	11/03/14	9.5	0.10	ug/L	1:1
Benzo(k)fluoranthene	EPA 8310	10/29/14	11/03/14	10	0.10	ug/L	1:1
Benzo(a)pyrene	EPA 8310	10/29/14	11/03/14	8.8	0.10	ug/L	1:1
Dibenzo(a,h)anthracene	EPA 8310	10/29/14	11/03/14	13	0.10	ug/L	1:1
Benzo(g,h,i)perylene	EPA 8310	10/29/14	11/03/14	11	0.10	ug/L	1:1
Indeno(1,2,3-cd)pyrene	EPA 8310	10/29/14	11/03/14	9.2	0.10	ug/L	1:1

Surrogates	Result	Recovery	Limits
p-Terphenyl	40.2 ug/L	80 %	(35 - 135)

Lab Control Sample Duplicate Report

Client ID	AECOM Technical Services	**Sample ID**	LCSD for HBN 482772 [HPLV/1093
Laboratory ID	112988	**Matrix**	Water

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Acenaphthylene	EPA 8310	10/29/14	11/03/14	6.7	0.10	ug/L	1:1
Acenaphthene	EPA 8310	10/29/14	11/03/14	6.8	0.10	ug/L	1:1
Fluorene	EPA 8310	10/29/14	11/03/14	7.6	0.10	ug/L	1:1
Phenanthrene	EPA 8310	10/29/14	11/03/14	7.7	0.10	ug/L	1:1
Fluoranthene	EPA 8310	10/29/14	11/03/14	9.2	0.10	ug/L	1:1
Pyrene	EPA 8310	10/29/14	11/03/14	9.2	0.10	ug/L	1:1
Benzo(a)anthracene	EPA 8310	10/29/14	11/03/14	8.5	0.10	ug/L	1:1
Chrysene	EPA 8310	10/29/14	11/03/14	11	0.10	ug/L	1:1

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Lab Control Sample Duplicate Report

Client ID	AECOM Technical Services	**Sample ID**	LCSD for HBN 482772 [HPLV/1093
Laboratory ID	112988	**Matrix**	Water

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
(continued)							
Benzo(b)fluoranthene	EPA 8310	10/29/14	11/03/14	9.9	0.10	ug/L	1:1
Benzo(k)fluoranthene	EPA 8310	10/29/14	11/03/14	10	0.10	ug/L	1:1
Benzo(a)pyrene	EPA 8310	10/29/14	11/03/14	8.9	0.10	ug/L	1:1
Dibenzo(a,h)anthracene	EPA 8310	10/29/14	11/03/14	12	0.10	ug/L	1:1
Benzo(g,h,i)perylene	EPA 8310	10/29/14	11/03/14	11	0.10	ug/L	1:1
Indeno(1,2,3-cd)pyrene	EPA 8310	10/29/14	11/03/14	9.5	0.10	ug/L	1:1

Surrogates	Result	Recovery	Limits
p-Terphenyl	41.4 ug/L	83 %	(35 - 135)

Method Blank Report

Client ID	AECOM Technical Services	**Sample ID**	MB for HBN 482774 [SGXV/2986]
Laboratory ID	112991	**Matrix**	Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
TPHdiesel	8015B TEPH S	10/29/14	10/30/14	ND	1.0	mg/Kg	1:1

Lab Control Sample Report

Client ID	AECOM Technical Services	**Sample ID**	LCS for HBN 482774 [SGXV/2986]
Laboratory ID	112992	**Matrix**	Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
TPHdiesel	8015B TEPH S	10/29/14	10/30/14	46	1.0	mg/Kg	1:1

Lab Control Sample Duplicate Report

Client ID	AECOM Technical Services	**Sample ID**	LCSD for HBN 482774 [SGXV/2986
Laboratory ID	112993	**Matrix**	Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
TPHdiesel	8015B TEPH S	10/29/14	10/30/14	46	1.0	mg/Kg	1:1

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Matrix Spike Report

Client ID	AECOM Technical Services	**Sample ID**	MS for HBN 482774 [SGXV/2986]
Laboratory ID	112994	**Matrix**	Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
TPHdiesel	8015B TEPH S	10/29/14	10/30/14	40	1.0	mg/Kg	1:1

Matrix Spike Duplicate Report

Client ID	AECOM Technical Services	**Sample ID**	MSD for HBN 482774 [SGXV/2986]
Laboratory ID	112995	**Matrix**	Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
TPHdiesel	8015B TEPH S	10/29/14	10/30/14	41	1.0	mg/Kg	1:1

Method Blank Report

Client ID	AECOM Technical Services	**Sample ID**	MB for HBN 482776 [HPLV/1094]
Laboratory ID	112996	**Matrix**	Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Acenaphthene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Acenaphthylene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Anthracene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Benzo(a)anthracene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Benzo(a)pyrene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Benzo(b)fluoranthene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Benzo(g,h,i)perylene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Benzo(k)fluoranthene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Chrysene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Dibenzo(a,h)anthracene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Fluoranthene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Fluorene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Indeno(1,2,3-cd)pyrene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Naphthalene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Phenanthrene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1
Pyrene	EPA 8310 S	10/29/14	11/03/14	ND	0.010	mg/Kg	1:1

Surrogates	Result	Recovery	Limits
p-Terphenyl	1.31 mg/Kg	79 %	(35 - 135)

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Lab Control Sample Report

Client ID AECOM Technical Services
Laboratory ID 112997
Sample ID LCS for HBN 482776 [HPLV/1094]
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Acenaphthene	EPA 8310 S	10/29/14	11/03/14	0.2	0.010	mg/Kg	1:1
Acenaphthylene	EPA 8310 S	10/29/14	11/03/14	0.2	0.010	mg/Kg	1:1
Benzo(a)anthracene	EPA 8310 S	10/29/14	11/03/14	0.3	0.010	mg/Kg	1:1
Benzo(a)pyrene	EPA 8310 S	10/29/14	11/03/14	0.3	0.010	mg/Kg	1:1
Benzo(b)fluoranthene	EPA 8310 S	10/29/14	11/03/14	0.3	0.010	mg/Kg	1:1
Benzo(g,h,i)perylene	EPA 8310 S	10/29/14	11/03/14	0.4	0.010	mg/Kg	1:1
Benzo(k)fluoranthene	EPA 8310 S	10/29/14	11/03/14	0.3	0.010	mg/Kg	1:1
Chrysene	EPA 8310 S	10/29/14	11/03/14	0.3	0.010	mg/Kg	1:1
Dibenzo(a,h)anthracene	EPA 8310 S	10/29/14	11/03/14	0.4	0.010	mg/Kg	1:1
Fluoranthene	EPA 8310 S	10/29/14	11/03/14	0.3	0.010	mg/Kg	1:1
Fluorene	EPA 8310 S	10/29/14	11/03/14	0.2	0.010	mg/Kg	1:1
Indeno(1,2,3-cd)pyrene	EPA 8310 S	10/29/14	11/03/14	0.3	0.010	mg/Kg	1:1
Phenanthrene	EPA 8310 S	10/29/14	11/03/14	0.2	0.010	mg/Kg	1:1
Pyrene	EPA 8310 S	10/29/14	11/03/14	0.3	0.010	mg/Kg	1:1

Surrogates	Result	Recovery	Limits
p-Terphenyl	1.35 mg/Kg	81 %	(35 - 135)

Lab Control Sample Duplicate Report

Client ID AECOM Technical Services
Laboratory ID 112998
Sample ID LCSD for HBN 482776 [HPLV/1094
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Acenaphthene	EPA 8310 S	10/29/14	11/03/14	0.2	0.010	mg/Kg	1:1
Acenaphthylene	EPA 8310 S	10/29/14	11/03/14	0.2	0.010	mg/Kg	1:1
Benzo(a)anthracene	EPA 8310 S	10/29/14	11/03/14	0.3	0.010	mg/Kg	1:1
Benzo(a)pyrene	EPA 8310 S	10/29/14	11/03/14	0.3	0.010	mg/Kg	1:1
Benzo(b)fluoranthene	EPA 8310 S	10/29/14	11/03/14	0.3	0.010	mg/Kg	1:1
Benzo(g,h,i)perylene	EPA 8310 S	10/29/14	11/03/14	0.4	0.010	mg/Kg	1:1
Benzo(k)fluoranthene	EPA 8310 S	10/29/14	11/03/14	0.3	0.010	mg/Kg	1:1
Chrysene	EPA 8310 S	10/29/14	11/03/14	0.4	0.010	mg/Kg	1:1
Dibenzo(a,h)anthracene	EPA 8310 S	10/29/14	11/03/14	0.4	0.010	mg/Kg	1:1
Fluoranthene	EPA 8310 S	10/29/14	11/03/14	0.3	0.010	mg/Kg	1:1
Fluorene	EPA 8310 S	10/29/14	11/03/14	0.2	0.010	mg/Kg	1:1
Indeno(1,2,3-cd)pyrene	EPA 8310 S	10/29/14	11/03/14	0.3	0.010	mg/Kg	1:1
Phenanthrene	EPA 8310 S	10/29/14	11/03/14	0.2	0.010	mg/Kg	1:1
Pyrene	EPA 8310 S	10/29/14	11/03/14	0.3	0.010	mg/Kg	1:1

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Lab Control Sample Duplicate Report

Client ID	AECOM Technical Services	**Sample ID**	LCSD for HBN 482776 [HPLV/1094
Laboratory ID	112998	**Matrix**	Soil

Surrogates	Result	Recovery	Limits
p-Terphenyl	1.38 mg/Kg	83 %	(35 - 135)

Matrix Spike Report

Client ID	AECOM Technical Services	**Sample ID**	MS for HBN 482776 [HPLV/1094]
Laboratory ID	112999	**Matrix**	Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Acenaphthene	EPA 8310 S	10/29/14	11/03/14	0.08	0.010	mg/Kg	1:1
Acenaphthylene	EPA 8310 S	10/29/14	11/03/14	0.06	0.010	mg/Kg	1:1
Benzo(a)anthracene	EPA 8310 S	10/29/14	11/03/14	0.2	0.010	mg/Kg	1:1
Benzo(a)pyrene	EPA 8310 S	10/29/14	11/03/14	0.3	0.010	mg/Kg	1:1
Benzo(b)fluoranthene	EPA 8310 S	10/29/14	11/03/14	0.3	0.010	mg/Kg	1:1
Benzo(g,h,i)perylene	EPA 8310 S	10/29/14	11/03/14	0.3	0.010	mg/Kg	1:1
Benzo(k)fluoranthene	EPA 8310 S	10/29/14	11/03/14	0.3	0.010	mg/Kg	1:1
Chrysene	EPA 8310 S	10/29/14	11/03/14	0.3	0.010	mg/Kg	1:1
Dibenzo(a,h)anthracene	EPA 8310 S	10/29/14	11/03/14	0.4	0.010	mg/Kg	1:1
Fluoranthene	EPA 8310 S	10/29/14	11/03/14	0.3	0.010	mg/Kg	1:1
Fluorene	EPA 8310 S	10/29/14	11/03/14	0.2	0.010	mg/Kg	1:1
Indeno(1,2,3-cd)pyrene	EPA 8310 S	10/29/14	11/03/14	0.3	0.010	mg/Kg	1:1
Phenanthrene	EPA 8310 S	10/29/14	11/03/14	0.2	0.010	mg/Kg	1:1
Pyrene	EPA 8310 S	10/29/14	11/03/14	0.3	0.010	mg/Kg	1:1

Surrogates	Result	Recovery	Limits
p-Terphenyl	1.29 mg/Kg	77 %	(35 - 135)

Matrix Spike Duplicate Report

Client ID	AECOM Technical Services	**Sample ID**	MSD for HBN 482776 [HPLV/1094]
Laboratory ID	113000	**Matrix**	Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Acenaphthene	EPA 8310 S	10/29/14	11/03/14	0.2	0.010	mg/Kg	1:1
Acenaphthylene	EPA 8310 S	10/29/14	11/03/14	0.2	0.010	mg/Kg	1:1
Benzo(a)anthracene	EPA 8310 S	10/29/14	11/03/14	0.3	0.010	mg/Kg	1:1
Benzo(a)pyrene	EPA 8310 S	10/29/14	11/03/14	0.3	0.010	mg/Kg	1:1
Benzo(b)fluoranthene	EPA 8310 S	10/29/14	11/03/14	0.3	0.010	mg/Kg	1:1
Benzo(g,h,i)perylene	EPA 8310 S	10/29/14	11/03/14	0.4	0.010	mg/Kg	1:1
Benzo(k)fluoranthene	EPA 8310 S	10/29/14	11/03/14	0.3	0.010	mg/Kg	1:1
Chrysene	EPA 8310 S	10/29/14	11/03/14	0.3	0.010	mg/Kg	1:1

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Matrix Spike Duplicate Report

Client ID	AECOM Technical Services	**Sample ID**	MSD for HBN 482776 [HPLV/1094]
Laboratory ID	113000	**Matrix**	Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
(continued)							
Dibenzo(a,h)anthracene	EPA 8310 S	10/29/14	11/03/14	0.5	0.010	mg/Kg	1:1
Fluoranthene	EPA 8310 S	10/29/14	11/03/14	0.3	0.010	mg/Kg	1:1
Fluorene	EPA 8310 S	10/29/14	11/03/14	0.2	0.010	mg/Kg	1:1
Indeno(1,2,3-cd)pyrene	EPA 8310 S	10/29/14	11/03/14	0.3	0.010	mg/Kg	1:1
Phenanthrene	EPA 8310 S	10/29/14	11/03/14	0.3	0.010	mg/Kg	1:1
Pyrene	EPA 8310 S	10/29/14	11/03/14	0.3	0.010	mg/Kg	1:1

Surrogates	Result	Recovery	Limits
p-Terphenyl	1.35 mg/Kg	81 %	(35 - 135)

Method Blank Report

Client ID	AECOM Technical Services	**Sample ID**	MB for HBN 482778 [VGXV/3297]
Laboratory ID	113001	**Matrix**	Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
TPHgas	8015B TPHgas S	10/29/14	10/29/14	ND	0.50	mg/Kg	1:1

Surrogates	Result	Recovery	Limits
Trifluorotoluene	16.7 ug/kg	84 %	(65 - 135)

Lab Control Sample Report

Client ID	AECOM Technical Services	**Sample ID**	LCS for HBN 482778 [VGXV/3297]
Laboratory ID	113002	**Matrix**	Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
TPHgas	8015B TPHgas S	10/29/14	10/29/14	0.91	0.50	mg/Kg	1:1

Lab Control Sample Duplicate Report

Client ID	AECOM Technical Services	**Sample ID**	LCSD for HBN 482778 [VGXV/3297
Laboratory ID	113003	**Matrix**	Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
TPHgas	8015B TPHgas S	10/29/14	10/29/14	0.92	0.50	mg/Kg	1:1

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Matrix Spike Report

Client ID	AECOM Technical Services	**Sample ID**	MS for HBN 482778 [VGXV/3297]
Laboratory ID	113004	**Matrix**	Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
TPHgas	8015B TPHgas	S10/29/14	10/29/14	1.1	0.50	mg/Kg	1:1

Matrix Spike Duplicate Report

Client ID	AECOM Technical Services	**Sample ID**	MSD for HBN 482778 [VGXV/3297]
Laboratory ID	113005	**Matrix**	Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
TPHgas	8015B TPHgas	S10/29/14	10/29/14	1.1	0.50	mg/Kg	1:1

Method Blank Report

Client ID	AECOM Technical Services	**Sample ID**	MB for HBN 482783 [VMXV/3646]
Laboratory ID	113018	**Matrix**	Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
1,1,1,2-Tetrachloroethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,1,1-Trichloroethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,1,2,2-Tetrachloroethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,1,2-Trichloroethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,1-Dichloroethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,1-Dichloroethene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,1-dichloropropane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2,3-Trichlorobenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2,3-Trichloropropane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2,4-Trichlorobenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2,4-Trimethylbenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2-Dibromo-3-chloropropane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2-Dibromoethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2-Dichlorobenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2-Dichloroethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,2-Dichloropropane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,3,5-Trimethylbenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,3-Dichlorobenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,3-Dichloropropane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
1,4-Dichlorobenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
2,2-dichloropropane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
2-Butanone	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
2-Chloroethylvinyl ether	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
2-Chlorotoluene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1

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Method Blank Report

Client ID	AECOM Technical Services	**Sample ID**	MB for HBN 482783 [VMXV/3646]
Laboratory ID	113018	**Matrix**	Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
(continued)							
2-Hexanone	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
4-Chlorotoluene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
4-Isopropyltoluene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
4-Methyl-2-pentanone	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Acetone	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Acrolein	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Acrylonitrile	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Benzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Bromobenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Bromochloromethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Bromodichloromethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Bromoform	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Bromomethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Carbon disulfide	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Carbon tetrachloride	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Chlorobenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Chloroethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Chloroform	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Chloromethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Dibromochloromethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Dibromomethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Dichlorodifluoromethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Dichloromethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Ethylbenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Hexachlorobutadiene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Iodomethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Isopropylbenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Naphthalene	8260B S	10/29/14	10/29/14	ND	1.0	ug/kg	1:1
Styrene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Tetrachloroethene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Toluene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Trichloroethene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Trichlorofluoromethane	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Vinyl acetate	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
Vinyl chloride	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
cis-1,2-Dichloroethene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
cis-1,3-Dichloropropene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1

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Method Blank Report

Client ID AECOM Technical Services **Sample ID** MB for HBN 482783 [VMXV/3646]
Laboratory ID 113018 **Matrix** Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
(continued)							
m,p-Xylene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
n-Butylbenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
n-Propylbenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
o-Xylene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
sec-Butylbenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
tert-Butylbenzene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
trans-1,2-Dichloroethene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1
trans-1,3-Dichloropropene	8260B S	10/29/14	10/29/14	ND	2.0	ug/kg	1:1

Surrogates	Result	Recovery	Limits
1,2-Dichloroethane-d4	54 ug/kg	108 %	(65 - 135)
Toluene d8	53 ug/kg	106 %	(65 - 135)
4-Bromofluorobenzene	51 ug/kg	102 %	(65 - 135)

Lab Control Sample Report

Client ID AECOM Technical Services **Sample ID** LCS for HBN 482783 [VMXV/3646]
Laboratory ID 113019 **Matrix** Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
1,1-Dichloroethene	8260B S	10/29/14	10/29/14	65	2.0	ug/kg	1:1
Benzene	8260B S	10/29/14	10/29/14	56	2.0	ug/kg	1:1
Chlorobenzene	8260B S	10/29/14	10/29/14	54	2.0	ug/kg	1:1
Toluene	8260B S	10/29/14	10/29/14	57	2.0	ug/kg	1:1
Trichloroethene	8260B S	10/29/14	10/29/14	58	2.0	ug/kg	1:1

Lab Control Sample Duplicate Report

Client ID AECOM Technical Services **Sample ID** LCSD for HBN 482783 [VMXV/3646
Laboratory ID 113020 **Matrix** Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
1,1-Dichloroethene	8260B S	10/29/14	10/29/14	66	2.0	ug/kg	1:1
Benzene	8260B S	10/29/14	10/29/14	58	2.0	ug/kg	1:1
Chlorobenzene	8260B S	10/29/14	10/29/14	55	2.0	ug/kg	1:1
Toluene	8260B S	10/29/14	10/29/14	60	2.0	ug/kg	1:1
Trichloroethene	8260B S	10/29/14	10/29/14	60	2.0	ug/kg	1:1

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Matrix Spike Report

Client ID AECOM Technical Services
Laboratory ID 113021
Sample ID MS for HBN 482783 [VMXV/3646]
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
1,1-Dichloroethene	8260B S	10/29/14	10/29/14	60	2.0	ug/kg	1:1
Benzene	8260B S	10/29/14	10/29/14	50	2.0	ug/kg	1:1
Chlorobenzene	8260B S	10/29/14	10/29/14	48	2.0	ug/kg	1:1
Toluene	8260B S	10/29/14	10/29/14	51	2.0	ug/kg	1:1
Trichloroethene	8260B S	10/29/14	10/29/14	55	2.0	ug/kg	1:1

Matrix Spike Duplicate Report

Client ID AECOM Technical Services
Laboratory ID 113022
Sample ID MSD for HBN 482783 [VMXV/3646]
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
1,1-Dichloroethene	8260B S	10/29/14	10/29/14	56	2.0	ug/kg	1:1
Benzene	8260B S	10/29/14	10/29/14	52	2.0	ug/kg	1:1
Chlorobenzene	8260B S	10/29/14	10/29/14	49	2.0	ug/kg	1:1
Toluene	8260B S	10/29/14	10/29/14	49	2.0	ug/kg	1:1
Trichloroethene	8260B S	10/29/14	10/29/14	52	2.0	ug/kg	1:1

Method Blank Report

Client ID AECOM Technical Services
Laboratory ID 113023
Sample ID MB for HBN 482788 [DIGV/2134]
Matrix Water

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Mercury	7470A	10/29/14	10/30/14	ND	0.00020	mg/L	1:1

Lab Control Sample Report

Client ID AECOM Technical Services
Laboratory ID 113024
Sample ID LCS for HBN 482788 [DIGV/2134]
Matrix Water

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Mercury	7470A	10/29/14	10/30/14	0.00096	0.00020	mg/L	1:1

Lab Control Sample Duplicate Report

Client ID AECOM Technical Services
Laboratory ID 113025
Sample ID LCSD for HBN 482788 [DIGV/2134
Matrix Water

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Mercury	7470A	10/29/14	10/30/14	0.00096	0.00020	mg/L	1:1

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Duplicate Report

Client ID	AECOM Technical Services	**Sample ID**	DUP for HBN 482788 [DIGV/2134]
Laboratory ID	113026	**Matrix**	Water

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Mercury	7470A	10/29/14	10/30/14	ND	0.00020	mg/L	1:1

Matrix Spike Report

Client ID	AECOM Technical Services	**Sample ID**	MS for HBN 482788 [DIGV/2134]
Laboratory ID	113027	**Matrix**	Water

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Mercury	7470A	10/29/14	10/30/14	0.00096	0.00020	mg/L	1:1

Matrix Spike Duplicate Report

Client ID	AECOM Technical Services	**Sample ID**	MSD for HBN 482788 [DIGV/2134]
Laboratory ID	113028	**Matrix**	Water

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Mercury	7470A	10/29/14	10/30/14	0.00097	0.00020	mg/L	1:1

Method Blank Report

Client ID	AECOM Technical Services	**Sample ID**	MB for HBN 482792 [ICPV/7116]
Laboratory ID	113029	**Matrix**	Water

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Antimony	6010B	10/30/14	10/31/14	ND	0.0060	mg/L	1:1
Arsenic	6010B	10/30/14	10/31/14	ND	0.010	mg/L	1:1
Barium	6010B	10/30/14	10/31/14	ND	0.010	mg/L	1:1
Beryllium	6010B	10/30/14	10/31/14	ND	0.0030	mg/L	1:1
Cadmium	6010B	10/30/14	10/31/14	ND	0.0050	mg/L	1:1
Chromium	6010B	10/30/14	10/31/14	ND	0.010	mg/L	1:1
Cobalt	6010B	10/30/14	10/31/14	ND	0.010	mg/L	1:1
Copper	6010B	10/30/14	10/31/14	ND	0.020	mg/L	1:1
Lead	6010B	10/30/14	10/31/14	ND	0.010	mg/L	1:1
Molybdenum	6010B	10/30/14	10/31/14	ND	0.050	mg/L	1:1
Nickel	6010B	10/30/14	10/31/14	ND	0.040	mg/L	1:1
Selenium	6010B	10/30/14	10/31/14	ND	0.050	mg/L	1:1
Silver	6010B	10/30/14	10/31/14	ND	0.010	mg/L	1:1
Thallium	6010B	10/30/14	10/31/14	ND	0.050	mg/L	1:1
Vanadium	6010B	10/30/14	10/31/14	ND	0.050	mg/L	1:1
Zinc	6010B	10/30/14	10/31/14	ND	0.015	mg/L	1:1

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Lab Control Sample Report

Client ID AECOM Technical Services
Laboratory ID 113030
Sample ID LCS for HBN 482792 [ICPV/7116]
Matrix Water

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Antimony	6010B	10/30/14	10/31/14	0.52	0.0060	mg/L	1:1
Arsenic	6010B	10/30/14	10/31/14	0.51	0.010	mg/L	1:1
Barium	6010B	10/30/14	10/31/14	0.49	0.010	mg/L	1:1
Beryllium	6010B	10/30/14	10/31/14	0.100	0.0030	mg/L	1:1
Cadmium	6010B	10/30/14	10/31/14	0.21	0.0050	mg/L	1:1
Chromium	6010B	10/30/14	10/31/14	0.45	0.010	mg/L	1:1
Cobalt	6010B	10/30/14	10/31/14	0.19	0.010	mg/L	1:1
Copper	6010B	10/30/14	10/31/14	0.50	0.020	mg/L	1:1
Lead	6010B	10/30/14	10/31/14	0.55	0.010	mg/L	1:1
Molybdenum	6010B	10/30/14	10/31/14	0.50	0.050	mg/L	1:1
Nickel	6010B	10/30/14	10/31/14	0.93	0.040	mg/L	1:1
Selenium	6010B	10/30/14	10/31/14	0.53	0.050	mg/L	1:1
Silver	6010B	10/30/14	10/31/14	0.054	0.010	mg/L	1:1
Thallium	6010B	10/30/14	10/31/14	0.49	0.050	mg/L	1:1
Vanadium	6010B	10/30/14	10/31/14	0.19	0.050	mg/L	1:1
Zinc	6010B	10/30/14	10/31/14	0.45	0.015	mg/L	1:1

Lab Control Sample Duplicate Report

Client ID AECOM Technical Services
Laboratory ID 113031
Sample ID LCSD for HBN 482792 [ICPV/7116
Matrix Water

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Antimony	6010B	10/30/14	10/31/14	0.52	0.0060	mg/L	1:1
Arsenic	6010B	10/30/14	10/31/14	0.51	0.010	mg/L	1:1
Barium	6010B	10/30/14	10/31/14	0.50	0.010	mg/L	1:1
Beryllium	6010B	10/30/14	10/31/14	0.100	0.0030	mg/L	1:1
Cadmium	6010B	10/30/14	10/31/14	0.21	0.0050	mg/L	1:1
Chromium	6010B	10/30/14	10/31/14	0.45	0.010	mg/L	1:1
Cobalt	6010B	10/30/14	10/31/14	0.19	0.010	mg/L	1:1
Copper	6010B	10/30/14	10/31/14	0.50	0.020	mg/L	1:1
Lead	6010B	10/30/14	10/31/14	0.56	0.010	mg/L	1:1
Molybdenum	6010B	10/30/14	10/31/14	0.50	0.050	mg/L	1:1
Nickel	6010B	10/30/14	10/31/14	0.93	0.040	mg/L	1:1
Selenium	6010B	10/30/14	10/31/14	0.53	0.050	mg/L	1:1
Silver	6010B	10/30/14	10/31/14	0.055	0.010	mg/L	1:1
Thallium	6010B	10/30/14	10/31/14	0.49	0.050	mg/L	1:1
Vanadium	6010B	10/30/14	10/31/14	0.19	0.050	mg/L	1:1
Zinc	6010B	10/30/14	10/31/14	0.45	0.015	mg/L	1:1

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Sparger Technology, Inc.
Environmental Laboratories

Duplicate Report

Client ID AECOM Technical Services
Laboratory ID 113032
Sample ID DUP for HBN 482792 [ICPV/7116]
Matrix Water

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Antimony	6010B	10/30/14	10/31/14	ND	0.0060	mg/L	1:1
Arsenic	6010B	10/30/14	10/31/14	0.080	0.010	mg/L	1:1
Barium	6010B	10/30/14	10/31/14	1.3	0.010	mg/L	1:1
Beryllium	6010B	10/30/14	10/31/14	ND	0.0030	mg/L	1:1
Cadmium	6010B	10/30/14	10/31/14	ND	0.0050	mg/L	1:1
Chromium	6010B	10/30/14	10/31/14	ND	0.010	mg/L	1:1
Cobalt	6010B	10/30/14	10/31/14	ND	0.010	mg/L	1:1
Copper	6010B	10/30/14	10/31/14	ND	0.020	mg/L	1:1
Lead	6010B	10/30/14	10/31/14	ND	0.010	mg/L	1:1
Molybdenum	6010B	10/30/14	10/31/14	ND	0.050	mg/L	1:1
Nickel	6010B	10/30/14	10/31/14	0.082	0.040	mg/L	1:1
Selenium	6010B	10/30/14	10/31/14	ND	0.050	mg/L	1:1
Silver	6010B	10/30/14	10/31/14	ND	0.010	mg/L	1:1
Thallium	6010B	10/30/14	10/31/14	ND	0.050	mg/L	1:1
Vanadium	6010B	10/30/14	10/31/14	ND	0.050	mg/L	1:1
Zinc	6010B	10/30/14	10/31/14	0.060	0.015	mg/L	1:1

Matrix Spike Report

Client ID AECOM Technical Services
Laboratory ID 113033
Sample ID MS for HBN 482792 [ICPV/7116]
Matrix Water

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Antimony	6010B	10/30/14	10/31/14	0.52	0.0060	mg/L	1:1
Arsenic	6010B	10/30/14	10/31/14	0.60	0.010	mg/L	1:1
Barium	6010B	10/30/14	10/31/14	1.9	0.010	mg/L	1:1
Beryllium	6010B	10/30/14	10/31/14	0.100	0.0030	mg/L	1:1
Cadmium	6010B	10/30/14	10/31/14	0.20	0.0050	mg/L	1:1
Chromium	6010B	10/30/14	10/31/14	0.45	0.010	mg/L	1:1
Cobalt	6010B	10/30/14	10/31/14	0.22	0.010	mg/L	1:1
Copper	6010B	10/30/14	10/31/14	0.52	0.020	mg/L	1:1
Lead	6010B	10/30/14	10/31/14	0.55	0.010	mg/L	1:1
Molybdenum	6010B	10/30/14	10/31/14	0.51	0.050	mg/L	1:1
Nickel	6010B	10/30/14	10/31/14	0.96	0.040	mg/L	1:1
Selenium	6010B	10/30/14	10/31/14	0.56	0.050	mg/L	1:1
Silver	6010B	10/30/14	10/31/14	0.053	0.010	mg/L	1:1
Thallium	6010B	10/30/14	10/31/14	0.44	0.050	mg/L	1:1
Vanadium	6010B	10/30/14	10/31/14	0.19	0.050	mg/L	1:1
Zinc	6010B	10/30/14	10/31/14	0.50	0.015	mg/L	1:1

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Matrix Spike Duplicate Report

Client ID AECOM Technical Services **Sample ID** MSD for HBN 482792 [ICPV/7116]
Laboratory ID 113034 **Matrix** Water

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Antimony	6010B	10/30/14	10/31/14	0.53	0.0060	mg/L	1:1
Arsenic	6010B	10/30/14	10/31/14	0.61	0.010	mg/L	1:1
Barium	6010B	10/30/14	10/31/14	1.9	0.010	mg/L	1:1
Beryllium	6010B	10/30/14	10/31/14	0.11	0.0030	mg/L	1:1
Cadmium	6010B	10/30/14	10/31/14	0.20	0.0050	mg/L	1:1
Chromium	6010B	10/30/14	10/31/14	0.45	0.010	mg/L	1:1
Cobalt	6010B	10/30/14	10/31/14	0.22	0.010	mg/L	1:1
Copper	6010B	10/30/14	10/31/14	0.53	0.020	mg/L	1:1
Lead	6010B	10/30/14	10/31/14	0.56	0.010	mg/L	1:1
Molybdenum	6010B	10/30/14	10/31/14	0.51	0.050	mg/L	1:1
Nickel	6010B	10/30/14	10/31/14	0.97	0.040	mg/L	1:1
Selenium	6010B	10/30/14	10/31/14	0.57	0.050	mg/L	1:1
Silver	6010B	10/30/14	10/31/14	0.053	0.010	mg/L	1:1
Thallium	6010B	10/30/14	10/31/14	0.45	0.050	mg/L	1:1
Vanadium	6010B	10/30/14	10/31/14	0.19	0.050	mg/L	1:1
Zinc	6010B	10/30/14	10/31/14	0.51	0.015	mg/L	1:1

Method Blank Report

Client ID AECOM Technical Services **Sample ID** MB for HBN 482870 [VGXV/3298]
Laboratory ID 113035 **Matrix** Water

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
TPHgas	8015B TPHgas	10/31/14	10/31/14	ND	50	ug/L	1:1

Surrogates	Result	Recovery	Limits
Trifluorotoluene	15.2 ug/L	76 %	(65 - 135)

Lab Control Sample Report

Client ID AECOM Technical Services **Sample ID** LCS for HBN 482870 [VGXV/3298]
Laboratory ID 113036 **Matrix** Water

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
TPHgas	8015B TPHgas	10/31/14	10/31/14	1000	50	ug/L	1:1

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Lab Control Sample Duplicate Report

Client ID AECOM Technical Services **Sample ID** LCSD for HBN 482870 [VGXV/3298
Laboratory ID 113037 **Matrix** Water

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
TPHgas	8015B TPHgas	10/31/14	10/31/14	1080	50	ug/L	1:1

Matrix Spike Report

Client ID AECOM Technical Services **Sample ID** MS for HBN 482870 [VGXV/3298]
Laboratory ID 113038 **Matrix** Water

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
TPHgas	8015B TPHgas	10/31/14	10/31/14	1030	50	ug/L	1:1

Matrix Spike Duplicate Report

Client ID AECOM Technical Services **Sample ID** MSD for HBN 482870 [VGXV/3298]
Laboratory ID 113039 **Matrix** Water

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
TPHgas	8015B TPHgas	10/31/14	10/31/14	1100	50	ug/L	1:1

Method Blank Report

Client ID AECOM Technical Services **Sample ID** MB for HBN 482872 [VMXV/3647]
Laboratory ID 113040 **Matrix** Water

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
1,1,1,2-Tetrachloroethane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,1,1-Trichloroethane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,1,2,2-Tetrachloroethane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,1,2-Trichloroethane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,1-Dichloroethane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,1-Dichloroethene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,1-dichloropropane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,2,3-Trichlorobenzene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,2,3-Trichloropropane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,2,4-Trichlorobenzene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,2,4-Trimethylbenzene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,2-Dibromo-3-chloropropane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,2-Dibromoethane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,2-Dichlorobenzene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,2-Dichloroethane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,2-Dichloropropane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1

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Method Blank Report

Client ID	AECOM Technical Services	**Sample ID**	MB for HBN 482872 [VMXV/3647]
Laboratory ID	113040	**Matrix**	Water

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
(continued)							
1,3,5-Trimethylbenzene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,3-Dichlorobenzene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,3-Dichloropropane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
1,4-Dichlorobenzene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
2,2-dichloropropane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
2-Butanone	8260B	10/28/14	10/28/14	ND	5.0	ug/L	1:1
2-Chloroethylvinyl ether	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
2-Chlorotoluene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
2-Hexanone	8260B	10/28/14	10/28/14	ND	10	ug/L	1:1
4-Chlorotoluene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
4-Isopropyltoluene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
4-Methyl-2-pentanone	8260B	10/28/14	10/28/14	ND	5.0	ug/L	1:1
Acetone	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Acrolein	8260B	10/28/14	10/28/14	ND	10	ug/L	1:1
Acrylonitrile	8260B	10/28/14	10/28/14	ND	10	ug/L	1:1
Benzene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Bromobenzene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Bromochloromethane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Bromodichloromethane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Bromoform	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Bromomethane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Carbon disulfide	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Carbon tetrachloride	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Chlorobenzene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Chloroethane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Chloroform	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Chloromethane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Dibromochloromethane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Dibromomethane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Dichlorodifluoromethane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Dichloromethane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Ethylbenzene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Hexachlorobutadiene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Iodomethane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Isopropylbenzene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Naphthalene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Styrene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1

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Method Blank Report

Client ID AECOM Technical Services **Sample ID** MB for HBN 482872 [VMXV/3647]
Laboratory ID 113040 **Matrix** Water

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
(continued)							
Tetrachloroethene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Toluene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Trichloroethene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Trichlorofluoromethane	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
Vinyl acetate	8260B	10/28/14	10/28/14	ND	5.0	ug/L	1:1
Vinyl chloride	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
cis-1,2-Dichloroethene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
cis-1,3-Dichloropropene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
m,p-Xylene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
n-Butylbenzene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
n-Propylbenzene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
o-Xylene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
sec-Butylbenzene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
tert-Butylbenzene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
trans-1,2-Dichloroethene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1
trans-1,3-Dichloropropene	8260B	10/28/14	10/28/14	ND	1.0	ug/L	1:1

Surrogates	Result	Recovery	Limits
1,2-Dichloroethane-d4	51 ug/L	102 %	(70 - 135)
Toluene d8	49 ug/L	98 %	(70 - 135)
4-Bromofluorobenzene	48 ug/L	96 %	(70 - 135)

Lab Control Sample Report

Client ID AECOM Technical Services **Sample ID** LCS for HBN 482872 [VMXV/3647]
Laboratory ID 113041 **Matrix** Water

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
1,1-Dichloroethene	8260B	10/28/14	10/28/14	60	1.0	ug/L	1:1
Benzene	8260B	10/28/14	10/28/14	57	1.0	ug/L	1:1
Chlorobenzene	8260B	10/28/14	10/28/14	53	1.0	ug/L	1:1
Toluene	8260B	10/28/14	10/28/14	58	1.0	ug/L	1:1
Trichloroethene	8260B	10/28/14	10/28/14	58	1.0	ug/L	1:1

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Lab Control Sample Duplicate Report

Client ID AECOM Technical Services **Sample ID** LCSD for HBN 482872 [VMXV/3647
Laboratory ID 113042 **Matrix** Water

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
1,1-Dichloroethene	8260B	10/28/14	10/28/14	63	1.0	ug/L	1:1
Benzene	8260B	10/28/14	10/28/14	56	1.0	ug/L	1:1
Chlorobenzene	8260B	10/28/14	10/28/14	53	1.0	ug/L	1:1
Toluene	8260B	10/28/14	10/28/14	57	1.0	ug/L	1:1
Trichloroethene	8260B	10/28/14	10/28/14	58	1.0	ug/L	1:1

Matrix Spike Report

Client ID AECOM Technical Services **Sample ID** MS for HBN 482872 [VMXV/3647]
Laboratory ID 113043 **Matrix** Water

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
1,1-Dichloroethene	8260B	10/28/14	10/28/14	62	1.0	ug/L	1:1
Benzene	8260B	10/28/14	10/28/14	56	1.0	ug/L	1:1
Chlorobenzene	8260B	10/28/14	10/28/14	52	1.0	ug/L	1:1
Toluene	8260B	10/28/14	10/28/14	58	1.0	ug/L	1:1
Trichloroethene	8260B	10/28/14	10/28/14	58	1.0	ug/L	1:1

Matrix Spike Duplicate Report

Client ID AECOM Technical Services **Sample ID** MSD for HBN 482872 [VMXV/3647]
Laboratory ID 113044 **Matrix** Water

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
1,1-Dichloroethene	8260B	10/28/14	10/28/14	57	1.0	ug/L	1:1
Benzene	8260B	10/28/14	10/28/14	58	1.0	ug/L	1:1
Chlorobenzene	8260B	10/28/14	10/28/14	52	1.0	ug/L	1:1
Toluene	8260B	10/28/14	10/28/14	55	1.0	ug/L	1:1
Trichloroethene	8260B	10/28/14	10/28/14	55	1.0	ug/L	1:1

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QC SUMMARY

Client ID	AECOM Technical Services	**Original**	21092004
QC Batch	DIG 2144	**Sample**	**Duplicate [113026]**
Matrix	Water		

Parameter	**RPD**	**RPD Limits**
Mercury	0000	(35)

Client ID	AECOM Technical Services	**Original**	21092004
QC Batch	ICPP 7129	**Sample**	**Duplicate [113032]**
Matrix	Water		

Parameter	**RPD**	**RPD Limits**
Antimony	00	(35)
Arsenic	2.5	(35)
Barium	0.10	(35)
Beryllium	00	(35)
Cadmium	00	(35)
Chromium	00	(35)
Cobalt	00	(35)
Copper	00	(35)
Lead	00	(35)
Molybdenum	00	(35)
Nickel	1.2	(35)
Selenium	00	(35)
Silver	00	(35)
Thallium	00	(35)
Vanadium	00	(35)
Zinc	1.7	(35)

Client ID	AECOM Technical Services	**Original**	21092003
QC Batch	SGX 3010	**Samples**	Matrix Spike [112994]
Matrix	Soil		Matrix Spike Duplicate [112995]

Parameter	**Spike %Recovery**	**Spike Dup %Recovery**	**Recovery Limits**	**RPD**	**RPD Limits**
TPHdiesel	80	82	(65-135)	2.5	(20 MAX)

Client ID	AECOM Technical Services	**Original**	21092001
QC Batch	HPLX 1124	**Samples**	Matrix Spike [112999]
Matrix	Soil		Matrix Spike Duplicate [113000]

Parameter	**Spike %Recovery**	**Spike Dup %Recovery**	**Recovery Limits**	**RPD**	**RPD Limits**
Acenaphthylene	19	57	(35-135)	100	(20 MAX)

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QC SUMMARY

Client ID	AECOM Technical Services	**Original**	21092001
QC Batch	HPLX 1124	**Samples**	Matrix Spike [112999]
Matrix	Soil		Matrix Spike Duplicate [113000]
			(continued)

Parameter	Spike %Recovery	Spike Dup %Recovery	Recovery Limits	RPD	RPD Limits
Acenaphthene	25	59	(35-135)	81	(20 MAX)
Fluorene	69	71	(35-135)	2.9	(20 MAX)
Phenanthrene	65	77	(35-135)	17	(20 MAX)
Fluoranthene	93	92	(35-135)	1.1	(20 MAX)
Pyrene	76	92	(35-135)	19	(20 MAX)
Benzo(a)anthracene	70	81	(35-135)	15	(20 MAX)
Chrysene	80	100	(35-135)	22	(20 MAX)
Benzo(b)fluoranthene	85	94	(35-135)	10	(20 MAX)
Benzo(k)fluoranthene	88	100	(35-135)	13	(20 MAX)
Benzo(a)pyrene	76	89	(35-135)	16	(20 MAX)
Dibenzo(a,h)anthracene	124	138	(35-145)	11	(20 MAX)
Benzo(g,h,i)perylene	104	117	(35-135)	12	(20 MAX)
Indeno(1,2,3-cd)pyrene	81	93	(35-135)	14	(20 MAX)

Client ID	AECOM Technical Services	**Original**	21093001
QC Batch	VGX 3417	**Samples**	Matrix Spike [113004]
Matrix	Soil		Matrix Spike Duplicate [113005]

Parameter	Spike %Recovery	Spike Dup %Recovery	Recovery Limits	RPD	RPD Limits
TPHgas	106	110	(65-135)	3.7	(20 MAX)

Client ID	AECOM Technical Services	**Original**	21093001
QC Batch	VMX 3683	**Samples**	Matrix Spike [113021]
Matrix	Soil		Matrix Spike Duplicate [113022]

Parameter	Spike %Recovery	Spike Dup %Recovery	Recovery Limits	RPD	RPD Limits
1,1-Dichloroethene	120	112	(60-135)	6.9	(20 MAX)
Benzene	100	104	(65-135)	3.9	(20 MAX)
Trichloroethene	110	104	(60-135)	5.6	(20 MAX)
Toluene	102	98	(60-135)	4.0	(20 MAX)
Chlorobenzene	96	98	(65-135)	2.1	(20 MAX)

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QC SUMMARY

Client ID	AECOM Technical Services	**Original**	21092004
QC Batch	DIG 2144	**Samples**	Matrix Spike [113027]
Matrix	Water		Matrix Spike Duplicate [113028]

Parameter	Spike %Recovery	Spike Dup %Recovery	Recovery Limits	RPD	RPD Limits
Mercury	96.1	96.6	(75-125)	0.5190	(35 MAX)

Client ID	AECOM Technical Services	**Original**	21092004
QC Batch	ICPP 7129	**Samples**	Matrix Spike [113033]
Matrix	Water		Matrix Spike Duplicate [113034]

Parameter	Spike %Recovery	Spike Dup %Recovery	Recovery Limits	RPD	RPD Limits
Antimony	105	106	(75-125)	0.90	(35 MAX)
Arsenic	103	106	(75-125)	2.9	(35 MAX)
Barium	105	106	(75-125)	0.90	(35 MAX)
Beryllium	105	107	(75-125)	1.9	(35 MAX)
Cadmium	101	102	(75-125)	1.0	(35 MAX)
Chromium	90	91	(75-125)	1.1	(35 MAX)
Cobalt	108	108	(75-125)	00	(35 MAX)
Copper	104	106	(75-125)	1.9	(35 MAX)
Lead	111	111	(75-125)	00	(35 MAX)
Molybdenum	102	103	(75-125)	1.0	(35 MAX)
Nickel	88	89	(75-125)	1.1	(35 MAX)
Selenium	112	115	(75-125)	2.6	(35 MAX)
Silver	106	106	(75-125)	00	(35 MAX)
Thallium	89	90	(75-125)	1.1	(35 MAX)
Vanadium	94	94	(75-125)	00	(35 MAX)
Zinc	89	90	(75-125)	1.1	(35 MAX)

Client ID	AECOM Technical Services	**Original**	21092004
QC Batch	VGX 3418	**Samples**	Matrix Spike [113038]
Matrix	Water		Matrix Spike Duplicate [113039]

Parameter	Spike %Recovery	Spike Dup %Recovery	Recovery Limits	RPD	RPD Limits
TPHgas	103	110	(65-135)	6.6	(20 MAX)

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QC SUMMARY

Client ID	AECOM Technical Services	**Original**	21092004
QC Batch	VMX 3684	**Samples**	Matrix Spike [113043]
Matrix	Water		Matrix Spike Duplicate [113044]

Parameter	Spike %Recovery	Spike Dup %Recovery	Recovery Limits	RPD	RPD Limits
1,1-Dichloroethene	124	114	(70-135)	8.4	(20 MAX)
Benzene	112	116	(70-135)	3.5	(20 MAX)
Trichloroethene	116	110	(70-135)	5.3	(20 MAX)
Toluene	116	110	(70-135)	5.3	(20 MAX)
Chlorobenzene	104	104	(70-135)	00	(20 MAX)

Client ID	AECOM Technical Services	**Samples**	Lab Control Sample [112982]
QC Batch	SGX 3009		Lab Control Sample Duplicate [112983]
Matrix	Water		

Parameter	Check %Recovery	Check Dup %Recovery	Recovery Limits	RPD	RPD Limits
TPHdiesel	85	90	(65-135)	5.7	(20 MAX)

Client ID	AECOM Technical Services	**Samples**	Lab Control Sample [112987]
QC Batch	HPLX 1123		Lab Control Sample Duplicate [112988]
Matrix	Water		

Parameter	Check %Recovery	Check Dup %Recovery	Recovery Limits	RPD	RPD Limits
Acenaphthylene	63	67	(35-135)	6.2	(20 MAX)
Acenaphthene	63	68	(35-135)	7.6	(20 MAX)
Fluorene	72	76	(35-135)	5.4	(20 MAX)
Phenanthrene	72	77	(35-135)	6.7	(20 MAX)
Fluoranthene	87	92	(35-135)	5.6	(20 MAX)
Pyrene	87	92	(35-135)	5.6	(20 MAX)
Benzo(a)anthracene	82	85	(35-135)	3.6	(20 MAX)
Chrysene	101	106	(35-135)	4.8	(20 MAX)
Benzo(b)fluoranthene	95	99	(35-135)	4.1	(20 MAX)
Benzo(k)fluoranthene	100	103	(35-135)	3.0	(20 MAX)
Benzo(a)pyrene	88	89	(35-135)	1.1	(20 MAX)
Dibenzo(a,h)anthracene	127	123	(35-145)	3.2	(20 MAX)
Benzo(g,h,i)perylene	114	107	(35-135)	6.3	(20 MAX)
Indeno(1,2,3-cd)pyrene	92	95	(35-135)	3.2	(20 MAX)

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QC SUMMARY

Client ID AECOM Technical Services
QC Batch SGX 3010
Matrix Soil
Samples Lab Control Sample [112992]
Lab Control Sample Duplicate [112993]

Parameter	Check %Recovery	Check Dup %Recovery	Recovery Limits	RPD	RPD Limits
TPHdiesel	92	92	(65-135)	00	(20 MAX)

Client ID AECOM Technical Services
QC Batch HPLX 1124
Matrix Soil
Samples Lab Control Sample [112997]
Lab Control Sample Duplicate [112998]

Parameter	Check %Recovery	Check Dup %Recovery	Recovery Limits	RPD	RPD Limits
Acenaphthylene	63	66	(35-135)	4.7	(20 MAX)
Acenaphthene	64	68	(35-135)	6.1	(20 MAX)
Fluorene	71	74	(35-135)	4.1	(20 MAX)
Phenanthrene	71	75	(35-135)	5.5	(20 MAX)
Fluoranthene	88	93	(35-135)	5.5	(20 MAX)
Pyrene	86	92	(35-135)	6.7	(20 MAX)
Benzo(a)anthracene	82	85	(35-135)	3.6	(20 MAX)
Chrysene	101	105	(35-135)	3.9	(20 MAX)
Benzo(b)fluoranthene	97	100	(35-135)	3.0	(20 MAX)
Benzo(k)fluoranthene	100	104	(35-135)	3.9	(20 MAX)
Benzo(a)pyrene	86	89	(35-135)	3.4	(20 MAX)
Dibenzo(a,h)anthracene	121	126	(35-145)	4.0	(20 MAX)
Benzo(g,h,i)perylene	121	125	(35-135)	3.3	(20 MAX)
Indeno(1,2,3-cd)pyrene	94	96	(35-135)	2.1	(20 MAX)

Client ID AECOM Technical Services
QC Batch VGX 3417
Matrix Soil
Samples Lab Control Sample [113002]
Lab Control Sample Duplicate [113003]

Parameter	Check %Recovery	Check Dup %Recovery	Recovery Limits	RPD	RPD Limits
TPHgas	91	92	(65-135)	1.1	(20 MAX)

Client ID AECOM Technical Services
QC Batch VMX 3683
Matrix Soil
Samples Lab Control Sample [113019]
Lab Control Sample Duplicate [113020]

Parameter	Check %Recovery	Check Dup %Recovery	Recovery Limits	RPD	RPD Limits
1,1-Dichloroethene	130	132	(65-135)	1.5	(20 MAX)
Benzene	112	116	(65-135)	3.5	(20 MAX)
Trichloroethene	116	120	(65-135)	3.4	(20 MAX)
Toluene	114	120	(65-135)	5.1	(20 MAX)
Chlorobenzene	108	110	(65-135)	1.8	(20 MAX)

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QC SUMMARY

Client ID AECOM Technical Services
QC Batch DIG 2144
Matrix Water
Samples Lab Control Sample [113024]
Lab Control Sample Duplicate [113025]

Parameter	Check %Recovery	Check Dup %Recovery	Recovery Limits	RPD	RPD Limits
Mercury	96.1	96.3	(80-120)	0.2080	(20 MAX)

Client ID AECOM Technical Services
QC Batch ICPP 7129
Matrix Water
Samples Lab Control Sample [113030]
Lab Control Sample Duplicate [113031]

Parameter	Check %Recovery	Check Dup %Recovery	Recovery Limits	RPD	RPD Limits
Antimony	103	104	(80-120)	1.0	(20 MAX)
Arsenic	101	102	(80-120)	1.0	(20 MAX)
Barium	99	100	(80-120)	1.0	(20 MAX)
Beryllium	102	103	(80-120)	1.0	(20 MAX)
Cadmium	103	104	(80-120)	1.0	(20 MAX)
Chromium	90	91	(80-120)	1.1	(20 MAX)
Cobalt	94	94	(80-120)	00	(20 MAX)
Copper	100	100	(80-120)	00	(20 MAX)
Lead	110	111	(80-120)	0.90	(20 MAX)
Molybdenum	100	100	(80-120)	00	(20 MAX)
Nickel	93	93	(80-120)	00	(20 MAX)
Selenium	106	107	(80-120)	0.90	(20 MAX)
Silver	108	110	(80-120)	1.8	(20 MAX)
Thallium	97	98	(80-120)	1.0	(20 MAX)
Vanadium	95	96	(80-120)	1.0	(20 MAX)
Zinc	90	90	(80-120)	00	(20 MAX)

Client ID AECOM Technical Services
QC Batch VGX 3418
Matrix Water
Samples Lab Control Sample [113036]
Lab Control Sample Duplicate [113037]

Parameter	Check %Recovery	Check Dup %Recovery	Recovery Limits	RPD	RPD Limits
TPHgas	100	108	(65-135)	7.7	(20 MAX)

Client ID AECOM Technical Services
QC Batch VMX 3684
Matrix Water
Samples Lab Control Sample [113041]
Lab Control Sample Duplicate [113042]

Parameter	Check %Recovery	Check Dup %Recovery	Recovery Limits	RPD	RPD Limits
1,1-Dichloroethene	120	126	(70-135)	4.9	(20 MAX)
Benzene	114	112	(70-135)	1.8	(20 MAX)
Trichloroethene	116	116	(70-135)	00	(20 MAX)

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QC SUMMARY

Client ID	AECOM Technical Services	**Samples**	Lab Control Sample [113041]
QC Batch	VMX 3684		Lab Control Sample Duplicate [113042]
Matrix	Water		**(continued)**

Parameter	Check %Recovery	Check Dup %Recovery	Recovery Limits	RPD	RPD Limits
Toluene	116	114	(70-135)	1.7	(20 MAX)
Chlorobenzene	106	106	(70-135)	00	(20 MAX)

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AECOM

21092

Laboratory: Sparger Technology, Inc.
3738 Bradview Dr
Sacramento, CA 95827

Shipment Number: _____
Method of Shipment: Courier
Cooler Number: _____
Ship Date: 10/28/14

COC Page No.: 1 of 4

Client: JCC c/o AECOM
2101 Webster St, Suite 1900
Oakland, CA 94612

Project Number: 60306701.1
Project Name: AOC CP479 Ukiah
Project Contact: Carmen Goodell 510-879-4510

Sampler Signature: _____

Sample	Field Sample ID	Sampling Date	Sampling Time	Matrix Type	Type/Size of Container	Preservation: Temp.	Preservation: Chemical	Filtered	No. of Containers	VOC including BTEX & MTBE by 8260B	TPH-g & TPH-D by 8015M	CAM 17 Metals by 6010B/6020/7470	PAH including Naphthalene by 8310	Analyses Requested	Remarks
	SB-1-0.5	10/27/14	758	S	Jar	4°C	None		1	X	X	X	X		
	SB-1-5		815		Liner				1	X	X	X	X		
	SB-1-10		820						1	X	X	X	X	Added per AECOM 10/28/14 @ 16:48	Hold
	SB-1-15		822						1						Hold
	SB-1-20		826						1						Hold
	SB-1-25		832						1					BLG	Hold
	SB-1-30		837						1						Hold
	SB-1-GW		900	GW	VOA Ambers		HCl to pH<2	N	9	X	X	X	X		
	SB-2-0.5		945	S	Jar		None		1	X	X	X	X		
	SB-2-5		1002		Liner				1	X	X	X	X		
	SB-2-10		1005						1						Hold
	SB-2-15		1009						1						Hold

Relinquished By	Date	Received By	Date
Signature: _____	10/28/14	Signature: _____	10/28/14
Printed: Carmen Goodell	Time	Printed: C. C-James	Time
Company: AECOM	1345	Company: Sparger	13:45
Reason: pickup			

Relinquished By	Date	Received By	Date
Signature:		Signature:	
Printed:	Time	Printed:	Time
Company:		Company:	
Reason:			

Relinquished By	Date	Received By	Date
Signature:		Signature:	
Printed:	Time	Printed:	Time
Company:		Company:	
Reason:			

Comments: 5 Day TAT
email results to carmen.goodell@aecom.com

AECOM

21092

Laboratory: Sparger Technology, Inc.
3738 Bradview Dr
Sacramento, CA 95827

Shipment Number: _____
Method of Shipment: Courier
Cooler Number: _____
Ship Date: 10/28/14

COC Page No.: 2 of 4

Client: JCC c/o AECOM
2101 Webster St, Suite 1900
Oakland, CA 94612

Project Number: 60306701.1
Project Name: AOC CP479 Ukiah
Project Contact: Carmen Goodell 510-879-4510

Sampler Signature: [signature]

Sample	Field Sample ID	Sampling Date	Sampling Time	Matrix Type	Type/Size of Container	Preservation: Temp.	Preservation: Chemical	Filtered	No. of Containers	Analyses Requested: VOC including BTEX & MTBE by 8260B	TPH-g & TPH-D by 8015M	CAM 17 Metals by 6010B/6020/7470	PAH including Naphthalene by 8310	Remarks
	SB-2-20	10/27/14	1018	S	Liner	4°C	—		1					Hold
	SB-2-25		1031				—		1					Hold
	SB-2-30		1040				—		1					Hold
	SB-2-GW		1045	W	Various		Various	N	9	X	X	X	X	
	SB-3-0.5		1120	S	Jar		—		1	X	X	X	X	
	SB-3-5		1130		Liner				1	X	X	X	X	
	SB-3-10		1133						1	X	X	X	X	Added per AECOM ~~Hold~~
	SB-3-15		1136						1					10/28/14 @ 1648 Hold
	SB-3-20		1139						1					Hold
	SB-3-25		1144						1					Hold
	SB-3-30		1149						1					Hold
	SB-3-GW		1155	W	Various		Various	N	9	X	X	X	X	

Relinquished By	Date	Received By	Date	Relinquished By	Date	Received By	Date
Signature: [signature]	10/28/14	Signature: [signature]	10/28/14	Signature:		Signature:	
Printed: Carmen Goodell	Time 1345	Printed: C.C. James	Time 13:45	Printed:	Time	Printed:	Time
Company: AECOM		Company: Sparger		Company:		Company:	
Reason: Pickup				Reason:			

Comments: 5 Day TAT
email results to carmen.goodell@aecom.com

Relinquished By	Date	Received By	Date
Signature:		Signature:	
Printed:	Time	Printed:	Time
Company:		Company:	
Reason:			

AECOM

21092

Laboratory: Sparger Technology, Inc.
3738 Bradview Dr
Sacramento, CA 95827

Shipment Number: _____
Method of Shipment: pickup courier
Cooler Number: _____
Ship Date: 10/26/14

COC Page No.: 3 of 4

Client: JCC c/o AECOM
2101 Webster St, Suite 1900
Oakland, CA 94612

Project Number: 60306701.1
Project Name: AOC CP479 Ukiah
Project Contact: Carmen Goodell 510-879-4510

Sampler Signature: [signature]

Sample	Field Sample ID	Sampling Date	Sampling Time	Matrix Type	Type/Size of Container	Preservation: Temp.	Preservation: Chemical	Filtered	No. of Containers	Analyses Requested: VOC including BTEX & MTBE by 8260B	TPH-g & TPH-D by 8015M	CAM 17 Metals by 6010B/6020/7470	PAH including Naphthalene by 8310	Remarks
	SB-4-0.5	10/27/14	1303	S	Jar	4°C	None		1	X	X	X	X	
	SB-4-5		1330		liner				1	X	X	X	X	
	SB-4-10		1333						1					Hold
	SB-4-15		1338						1					Hold
	SB-4-20		1341						1					Hold
	SB-4-25		1400						1					Hold
	SB-4-30		1405						1					Hold
	SB-4-GW		1415	W	various		various	N	9	X	X	X	X	
	SB-5-0.5		1450	S	Jar		None		1	X	X	X	X	
	SB-5-[redacted]5 dup		1500		liner				1	X	X	X	X	
	SB-5-10		1512						1					Hold
	SB-5-15		1527						1					Hold

Relinquished By	Date	Received By	Date
Signature: [signature]	10/28/14	Signature: [signature]	10-28-14
Printed: Carmen Goodell	Time	Printed: C.C. James	Time
Company: AECOM	1545	Company: Sparger	13:45
Reason: pickup			

Relinquished By	Date	Received By	Date
Signature:		Signature:	
Printed:	Time	Printed:	Time
Company:		Company:	
Reason:			

Relinquished By	Date	Received By	Date
Signature:		Signature:	
Printed:	Time	Printed:	Time
Company:		Company:	
Reason:			

Comments: 5 Day TAT
email results to carmen.goodell@aecom.com

AECOM

21092

Laboratory: Sparger Technology, Inc.
3738 Bradview Dr
Sacramento, CA 95827

Shipment Number: _____
Method of Shipment: Courier
Cooler Number: _____
Ship Date: 10/28/14

COC Page No.: 4 of 4

Client: JCC c/o AECOM
2101 Webster St, Suite 1900
Oakland, CA 94612

Project Number: 60306701.1
Project Name: AOC CP479 Ukiah
Project Contact: Carmen Goodell 510-879-4510

Sampler Signature: [signature]

Sample	Field Sample ID	Sampling Date	Sampling Time	Matrix Type	Type/Size of Container	Preservation: Temp.	Preservation: Chemical	Filtered	No. of Containers	VOC including BTEX & MTBE by 8260B	TPH-g & TPH-D by 8015M	CAM 17 Metals by 6010B/6020/7470	PAH including Naphthalene by 8310	Remarks
	SB-5-20	10/22/14	1528	S	Liner	4°C	None		1					Hold
	SB-5-25	↓	1534	↓	↓	↓	↓		1					Hold
	SB-5-30		1537						1					Hold
	~~SB-5-GW~~													CNG
	SB-5-GW	10/22/14	1550	GW	Various	4°C	Various	N	8	X	X	X	X	

Relinquished By	Date	Received By	Date
Signature: [signature]	10/28/14	Signature: [signature]	10/28/14
Printed: Carmen Goodell	Time	Printed: C.C. James	Time
Company: AECOM	1345	Company: Sparger	13:45
Reason: pick up			

Relinquished By	Date	Received By	Date
Signature:		Signature:	
Printed:	Time	Printed:	Time
Company:		Company:	
Reason:			

Relinquished By	Date	Received By	Date
Signature:		Signature:	
Printed:	Time	Printed:	Time
Company:		Company:	
Reason:			

Comments: 5 Day TAT
email results to carmen.goodell@aecom.com