PCB CLOSURE REPORT

New Core Development

5410 Airport Way South

Seattle, Washington

Prepared for:

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Seattle, Washington

and

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TABLE OF CONTENTS

TABLES

FIGURES

APPENDICES

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1.0 INTRODUCTION

Amec Foster Wheeler Environment & Infrastructure, Inc. (Amec Foster Wheeler) has prepared this report for the U.S. Environmental Protection Agency (EPA) on behalf of NCD – Georgetown LLC (New Core) who owns the site. This polychlorinated biphenyl (PCB) closure report summarizes activities associated with the removal of PCB-containing materials from the former Kelly-Moore Paint Company Inc. (Kelly-Moore) manufacturing facility (site) located at 5400–5410 Airport Way South in Seattle, Washington (Figures 1 and 2). The goals of cleanup were to address remaining areas where concentrations of PCBs were greater than 1 part per million (ppm) and to perform confirmation sampling to evaluate the success of mitigation measures. Following demolition and soil removal, all confirmation samples collected at the site were below the high occupancy PCB cleanup level of 1 ppm.

1.1 BACKGROUND

A PCB Closure and Characterization Plan for the site was submitted to EPA in July 2009 (AMEC Geomatrix, 2009a). EPA approved this plan on August 10, 2009 (EPA, 2009). Under the approved plan, Kelly-Moore performed several rounds of characterization and cleanup at the property, and documented this work in reports submitted to EPA (AMEC Geomatrix, 2009a and b; 2010). During initial cleanup work, PCBs were removed from the site to levels below the EPA high-occupancy criteria (1 milligram per kilogram [mg/kg]), with the exception of detections in the former Building 8.

Samples from Building 8 indicated multiple areas where total PCB concentrations exceeded 1 mg/kg. As an interim measure, Kelly-Moore, the former site owner, addressed potential exposure to PCBs in Building 8 following regulations for bulk remediation waste for low occupancy areas found in 40 Code of Federal Regulations (CFR) 761.61(a)(4)(i)(B)(2), as described in the July 2009 work plan (AMEC Geomatrix, 2009b). This regulation provides that bulk PCB remediation wastes may remain at such a site at concentrations above 25 mg/kg but below 50 mg/kg, if the site is properly secured and marked with a sign. This information was described in the 2010 PCB Investigation and Cleanup Report (AMEC Geomatrix, 2010) submitted to EPA.

In 2014, Kelly-Moore sold the property to New Core. New Core planned to demolish Building 8 (along with all other aboveground structures at the property), and to manage removal of the remaining PCBs from Building 8 as part of demolition planning and waste management. Amec Foster Wheeler prepared a PCB Closure and Characterization Plan Addendum (AMEC, 2014), which was submitted to EPA, in support of this effort. EPA approved the addendum in February 2015 (EPA, 2015).

The details of the PCB removal, waste management, and post-demolition confirmation sampling conducted under the 2014 PCB Closure and Characterization Plan Addendum are described in this report.

2.0 CLEANUP APPROACH AND PCB SAMPLING METHODS

This section describes the cleanup approach and post-cleanup sampling in the Building 8 area.

The general approach to cleanup involved demolition of the aboveground structures, segregating previously-identified PCB-containing building materials from Building 8, removal of the southern portion of concrete slab from former Building 8, soil sampling beneath the slab, and follow-up excavation based on the soil sample results. Several floor scale pits identified in the PCB Closure and Characterization Plan and Addenda (AMEC Geomatrix, 2009a and b; AMEC, 2014) were also removed, along with surrounding soil. Selected photos are included in Appendix A.

2.1 DEMOLITION AND SLAB REMOVAL

Prior to demolition, Amec Foster Wheeler and New Core identified those portions of Building 8 that required special demolition and waste management procedures based on historical sampling results. New Core and their demolition contractor, Rhine Demolition, of Tacoma, Washington, obtained necessary permits for building demolition. All personnel working in these areas were trained and certified in hazardous waste operations, as specified in 29 CFR 1910.120.

Removal of the southern portion of the concrete slab from Building 8, as outlined in Figure 2, occurred on February 25, 2015. The slab was removed using an excavator and direct loaded into shipping containers provided by Republic Services for transport to the Roosevelt Landfill, in Roosevelt, Washington, for disposal. During concrete removal, Rhine Demolition worked carefully to minimize the generation of dust. Water was used sparingly for dust suppression and decontamination of equipment as needed. No water was generated; all dust suppression water evaporated or was absorbed by materials sent for offsite disposal. A total of 119.01 tons of concrete were removed during slab demolition.

Confirmation sampling is discussed in Section 2.3. Based on the results of soil sampling, additional soil was excavated in 1- to 2-foot lifts in sample inference areas until confirmation sample results were below high-occupancy screening criteria. The final depths of excavation for the former Building 8 area are shown in Figure 3.

2.2 SCALE PIT REMOVAL

Between March 5 and 9, 2015, four former concrete scale pit structures were removed from the former Building 8 area (Figure 3). Prior sampling had identified PCBs at a maximum concentration of 100 mg/kg near the base of the eastern scale pit, and 0.19 mg/kg near the base of the western scale pit. Therefore, the eastern scale pit material and surrounding soils were sampled in accordance with Subpart O of 40 CFR 761 and tested following the excavation in this area. The scale pit structures and excavated soil were managed in accordance with 40 CFR 761.61(a)(5)(i)(B)(2).

The three centrally-located scale pit structures, located within the former Building 8, and surrounding soils were initially removed from the ground and stockpiled pending additional analysis. The excavation measured approximately 22 feet by 14 feet, and extended 6 feet deep in the eastern 2/3 of the excavation and 7 feet deep in the western 1/3 of the excavation, as shown in Figure 3. The stockpiled materials were placed on a heavy duty Visqueen liner and covered with Visqueen to protect the soils from rainwater and wind. The stockpile was divided and sampled for characterization purposes. The western portion of the stockpile contained the concrete debris from the scale pit structures, which were sampled separately per the requirements of 40 CFR 761.283, .286, and .292, which state that at least three samples need to be collected from each type of waste from each cleanup site. Five samples were collected from the western end of the stockpile to characterize the scale pit structures and associated soil and debris. These samples primarily contained concrete, but also contained soil and debris that could not be separated from the concrete for disposal purposes.

The remaining stockpile contained soil only, and was divided in half for sampling purposes. Composite samples were analyzed for PCBs and toxicity characteristic leaching potential (TCLP) analysis of the eight Resource Conservation and Recovery Act metals (RCRA 8)—arsenic, barium, cadmium, chromium, lead mercury, selenium, and silver.

Upon receipt of the stockpile sample results (Table 1), the soil and concrete samples were all below 50 mg/kg total PCBs, and were therefore disposed of under the existing disposal profile. The highest PCB concentration was reported from the composite sample of the scale pit concrete, at a concentration of 12 mg/kg. A total of 72.22 tons of soil and concrete debris from the scale pit excavation were sent for off-site disposal.

The western scale pit excavation measured 10 feet by 10 feet, and extended 4.5 feet deep. Two composite samples, KM15-B08-Comp-25 (discrete sample locations KM15-B08-136, KM15-B08-137, and KM15-B08-104B) and KM15-B08-Comp-26 (discrete sample locations KM15-B08-138, KM15-B08-139, and KM15-B08-110B), were analyzed from this excavation and showed PCBs were not detected (Table 2). The total material removed in the western scale pit excavation was 30.82 tons.

Confirmation sampling from the scale pit excavations is discussed in Section 2.3.

2.3 CONFIRMATION SAMPLING

Confirmation soil samples were collected after slab removal and excavation using the same approach as was used during previous phases of PCB sampling at the site. The sampling design used a 1.5-meter grid for post-cleanup sampling, based on the requirements of 40 CFR 761.265, 761.280, 761.283, and 761.286. Samples were collected at the primary sample locations shown on Figures 3 and 4, with two samples collected from each location. One of the samples was archived pending potential future analysis by the project laboratory, Onsite Environmental of Redmond, Washington, a Washington State Department of Ecology-certified environmental laboratory. The other sample was added to a composite sample created from multiple individual samples as specified in 40 CFR 261.289. Sample collection procedures followed those described in the approved PCB Closure and Characterization Plan and the 2014 PCB Closure and Characterization Plan Addendum. During this initial round of sampling, the areas of the scale pit structures were excluded from sampling because these areas were to be excavated and sampled separately following their removal.

Samples were collected using new, dedicated (single-use) stainless-steel spoons. Each sample was collected from the surface to a depth of no more than 7.5 centimeters deep, and scooped directly into laboratory supplied jars. Each grid location was assigned an identifier that consists of the building number followed by sequential numbering. For example, grid nodes in the former Building 8 area were designated as B08-1, B08-2, etc. The sampling locations were grouped into inference areas (shown on Figures 3 and 4 as composite sample areas) composed of up to six discrete samples, as allowed under 40 CFR 261.289. Composite samples were collected by spooning an equal portion of soil from each of the discrete sample locations within a given inference area into a separate jar. Enough headroom was left in the jar to thoroughly homogenize the composite sample by stirring and/or shaking the jar. The discrete sample locations that made up each composite sample were recorded in the field notebook.

The first phase of soil samples following concrete slab removal were collected on February 26, 2015. In the first phase of sampling, 135 discrete samples were collected and 24 composite samples were analyzed. The samples were identified as described in the PCB Closure and Characterization Plan

(AMEC Geomatrix, 2009a) with the nomenclature for individual samples noted as 'KMyearcode-BuildingNumber-SampleNumber'. For example, sample KM15-B08-1 was collected in 2015 from the former Building 8 area, at sample location 1. In areas where additional soil was removed and new samples were collected, the new samples were collected on the same grid spacing as the originals, and a letter was added to the sample ID to denote a new phase of excavation and sampling. For example, sample KM15-B08-1B was collected in the same location as sample KM15-B08-1, but at a lower depth following removal of additional soil. If excavation continued in the same area, subsequent samples would be identified as KM15-B08-1C, -1D, etc.

The composite samples were identified with the prefix 'KM15-B08-Comp', followed by the composite sample number. For example, composite sample KM15-B08-Comp-1 was the first composite sample collected in the former Building 8 area. If the inference area represented by a composite sample required further excavation, then a new composite sample was collected using the same grid spacing as the original, and a letter was added to the sample ID to denote the phase of excavation and sampling. For example, KM15-B8-Comp-30B was collected from the same discrete sampling locations as composite KM15-B08-Comp-30, but from a lower depth following additional excavation across the inference area. If a follow-up composite sample was collected using a smaller sub-set of discrete sample locations than the original, then a new composite sample ID was assigned in numerical order.

EPA Method 8082A was used to analyze for PCBs in each sample, and the results were reported by individual Aroclors. Initially the composite samples were submitted for analyses and the individual discrete samples were placed on archive at the analytical laboratory, pending receipt and evaluation of the composite sample results. Decision criteria described in Section 5.4 of the PCB Closure and Characterization Plan (AMEC Geomatrix, 2009a) was applied to identify further excavation or testing requirements.

Final confirmation sampling results are summarized in Table 2 and shown on Figure 4. Results for the intermediary excavation and sampling phases are presented in Appendix B.

2.4 BEST MANAGEMENT PRACTICES DOCUMENTATION

Amec Foster Wheeler implemented best management practices for greener cleanups, where feasible, as recommended by EPA and described in ASTM E2893-13 Guide to Greener Cleanups for Best Management Practices. Table 3 summarizes a list of BMPs that applied to this project.

2.5 DEVIATIONS FROM THE WORK PLAN

The only deviation from the approved work plan related to the number of samples collected from the eastern scale pit excavation. The work plan called for a single bottom sample to be collected from this excavation, and one sidewall sample from each of the four sidewalls. However, due to the unexpected discovery of a third scale pit structure following removal of the concrete slab, and the resulting excavation size, a more conservative approach was taken to adequately characterize the full excavation extent. Rather than a single bottom sample from the excavation, three composite samples were collected from 12 discrete sample locations.

3.0 PCB SAMPLING RESULTS

Based on results of initial confirmation sampling beneath the concrete floor slab, additional soil was excavated in 1- to 2-foot lifts in sample inference areas until confirmation sample results were below high-occupancy screening criteria. The final depths of excavation for the former Building 8 area are shown in Figure 3. The confirmation sampling results representing the final excavation extent of the former Building 8 Work Area are summarized in Table 2 and shown on Figure 4. After the final phase of sampling, all confirmation samples were below the high occupancy cleanup level of 1 mg/kg. Laboratory analytical packages from all phases of sampling are presented in Appendix B.

4.0 QUALITY CONTROL AND QUALITY ASSURANCE

Quality assurance/quality control (QA/QC) procedures included the analysis of blind field duplicate samples, and laboratory quality control samples. Data verification was performed in accordance with the EPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review (EPA, 2014), and is included in Appendix C. Sampling equipment rinsate samples were not collected, as all samples were collected with new, dedicated single-use sampling equipment, directly into laboratory supplied sample jars. Overall, the results of the QA assessment indicate that the results are complete, valid, and usable.

5.0 WASTE DISPOSAL

Amec Foster Wheeler coordinated with Rhine Demolition (the demolition and excavation contractor) and an environmental waste management firm, Ingenium Group, LLC (Ingenium), for disposal of the wastes generated.

The concrete slab and underlying soil and scale pit structures were managed as PCB remediation waste in accordance with 40 CFR 761.61(a)(5)(i)(B)(2)(ii) and 40 CFR 761.61(a)(5)(v)(A). In total, 427.11 tons of concrete and soil remediation waste from the Building 8 area were sent for off-site

disposal. The waste was transported by Rhine Demolition to a Republic Services transfer station in Seattle, Washington, where it was loaded onto rail cars for transport to the Roosevelt Landfill in Roosevelt, Washington.

One of the three eastern scale pits in the Building 8 area was observed to be full of water following removal of the concrete slab. This water was pumped out of the pit by Ingenium prior to removing the scale pits. The water was pumped into a 55-gallon drum, labeled, and sampled for PCBs (which were non-detect) in order to characterize the water prior to disposal by Ingenium.

Waste disposal documentation is included in Appendix D.

6.0 CLOSURE COSTS RECORDS RETENTION

In accordance with 40 CFR 761.61(a)(6)(i)-(ii), 761.61(a)(9), and 761.1258(c)(5)(i)-(ix), Amec Foster Wheeler estimated the cost of this cleanup based on worker hours and dollars. Approximately $100,000 has been spent on this phase of cleanup to move towards PCB closure at the facility. Approximately 410 worker hours were used toward the cleanup of PCBs on the site.

In accordance with 40 CFR 761.125(e)(5)(i)-(iv) and 40 CFR 761.61(a)(3)-(a)(5), Amec Foster Wheeler is following records retention guidelines for the cleanup of PCBs on the site.

7.0 CONCLUSIONS

This report documents the implementation of the final phase of PCB cleanup at the former Kelly-Moore manufacturing site at 5400 Airport Way South, in Seattle, Washington. All work was conducted as described in the EPA-approved work plan, except for those deviations described in Section 2.4. Results showed remaining soils are not above the high-occupancy cleanup level of 1 mg/kg. As a result, the objective for the PCB cleanup at the property has been successfully met.

8.0 REFERENCES

AMEC Environment & Infrastructure, Inc. (AMEC), 2014. PCB Closure and Characterization Plan Addendum. Former Kelly-Moore Manufacturing Facilities 5410 Airport Way South, Seattle, Washington. May.

AMEC Geomatrix, Inc. (AMEC Geomatrix), 2009a, PCB Closure and Characterization Plan, Former Kelly-Moore Manufacturing Facilities, 5410 Airport Way South, Seattle, Washington, July.

AMEC Geomatrix, 2009b, PCB Closure and Characterization Plan Addendum, Former Kelly-Moore Manufacturing Facilities, 5410 Airport Way South, Seattle, Washington, August.

AMEC Geomatrix, 2010, PCB Investigation and Cleanup Report, Former Kelly-Moore Manufacturing Facilities, 5410 Airport Way South, Seattle, Washington, January.

U.S. Environmental Protection Agency (EPA), 2014, U.S. EPA National Functional Guidelines for Superfund Organic Methods Data Review: EPA 540-R-014-002, August.

EPA, 2015, Approval of Kelly-Moore's Notice of Self-implementing Cleanup, Former Kelly-Moore Manufacturing Facilities, Seattle, Washington. Letter from Dan Jenkins (EPA) to Janet Bailey (Kelly-Moore). February 19.

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TABLES

TABLE 1

FORMER BUILDING 8 SCALE PIT SOIL STOCKPILE RESULTS[1]
5410 Airport Way South
Seattle, Washington

all units in milligrams per kilogram (mg/kg)

Sample ID	Sample Date	Primary Samples Included and Analyzed Individually	Description of Sample Location	Number of Locations in Composite Sample	Aroclors[2]							Total PCBs[3]	RCRA 8 Metals[3]							
					1016	1221	1232	1242	1248	1254	1260		Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Selenium	Silver
KM-15-B08-stk-comp-1	3/9/2015	stk-10 through stk-16	soil from near scale pits	7	0.057 U	0.057 U	0.057 U	0.057 U	0.057 U	0.057 U	0.40	0.40	0.40 U	0.20	0.02 U	0.02 U	0.2 U	0.005 U	0.4 U	0.04 U
KM-15-B08-stk-comp-2	3/9/2015	stk-6 through -9 + stk-17 through stk-19	soil from near scale pits	7	0.061 U	0.061 U	0.061 U	0.061 U	0.061 U	0.061 U	0.40	0.40	0.4 U	0.2 U	0.02 U	0.02 U	0.2 U	0.005 U	0.4 U	0.04 U
KM-15-B08-stk-comp-3	3/9/2015	stk-1, though stk-5	scale pits, associated debris, and soil	5	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	12	12	0.4 U	0.2 U	0.02 U	0.02 U	0.2 U	0.005 U	0.4 U	0.04 U

Notes
1. Data qualifiers are as follows:
U = analyte not detected at or above laboratory reporting limit shown.
2. Samples were analyzed for PCBs by EPA Method 8082 at OnSite Environmental, Inc., in Redmond, Washington.
3. Samples were analzyed using TCLP.

Abbreviations
EPA = U.S. Environmental Protection Agency
mg/kg = milligrams per kilogram
PCBs = polychlorinated biphenyls
RCRA = Resource Conservation and Recovery Act
TCLP = toxicity characteristic leaching procedure

TABLE 2

CONFIRMATION SAMPLE RESULTS [1]
FORMER BUILDING 8 - FINAL EXCAVATION EXTENT
5410 Airport Way South
Seattle, Washington

all units in milligrams per kilogram (mg/kg)

Sample ID	Number of Sample Locations	High Occupancy Screening Criterion [2]	Sample Date	Total PCBs[3]	Aroclor 1016	Aroclor 1221	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260
KM-15-B08-Comp-5	6	0.24 mg/kg	2/26/2015	0.18	0.068 U	0.068 U	0.068 U	0.068 U	0.068 U	0.068 U	0.18
KM-15-B08-Comp-6	6	0.24 mg/kg	2/26/2015	0.19	0.062 U	0.062 U	0.062 U	0.062 U	0.062 U	0.062 U	0.19
KM-15-B08-Comp-10	6	0.24 mg/kg	2/26/2015	0.23	0.066 U	0.066 U	0.066 U	0.066 U	0.066 U	0.066 U	0.23
KM-15-B08-Comp-12	5	0.28 mg/kg	2/26/2015	0.24	0.066 U	0.066 U	0.066 U	0.066 U	0.066 U	0.066 U	0.24
KM-15-B08-Comp-14	4	0.36 mg/kg	2/26/2015	0.052 U	0.052 U	0.052 U	0.052 U	0.052 U	0.052 U	0.052 U	0.052 U
KM-15-B08-Comp-23	4	0.36 mg/kg	2/26/2015	0.14	0.056 U	0.056 U	0.056 U	0.056 U	0.056 U	0.056 U	0.14
KM-15-B08-Comp-24	4	0.36 mg/kg	2/26/2015	0.24	0.055 U	0.055 U	0.055 U	0.055 U	0.055 U	0.055 U	0.24
KM-15-B08-Comp-25	3	0.47 mg/kg	3/9/2015	0.067 U	0.067 U	0.067 U	0.067 U	0.067 U	0.067 U	0.067 U	0.067 U
KM-15-B08-Comp-26	3	0.47 mg/kg	3/9/2015	0.073 U	0.073 U	0.073 U	0.073 U	0.073 U	0.073 U	0.073 U	0.073 U
KM-15-B08-Comp-27	4	0.36 mg/kg	3/9/2015	0.33	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U	0.33
KM-15-B08-Comp-28	4	0.36 mg/kg	3/9/2015	0.11	0.062 U	0.062 U	0.062 U	0.062 U	0.062 U	0.062 U	0.11
KM15-B08-Comp-30B	4	0.36 mg/kg	3/13/2015	0.19	0.052 U	0.052 U	0.052 U	0.052 U	0.052 U	0.052 U	0.19
KM-15-B08-Comp-33	4	0.36 mg/kg	3/6/2015	0.17	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U	0.17
KM15-B08-Comp 34B	2	0.72 mg/kg	3/13/2015	0.16	0.054 U	0.054 U	0.054 U	0.054 U	0.054 U	0.054 U	0.16
KM-15-B08-Comp-35	4	0.36 mg/kg	3/6/2015	0.16	0.052 U	0.052 U	0.052 U	0.052 U	0.052 U	0.052 U	0.16
KM15-B08-Comp 36B	3	0.47 mg/kg	3/13/2015	0.22	0.059 U	0.059 U	0.059 U	0.059 U	0.059 U	0.059 U	0.22
KM-15-B08-Comp-37	3	0.47 mg/kg	3/6/2015	0.10	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U	0.1
KM-15-B08-Comp-38	3	0.47 mg/kg	3/9/2015	0.14	0.064 U	0.064 U	0.064 U	0.064 U	0.064 U	0.064 U	0.14
KM15-B08-Comp 40B	3	0.47 mg/kg	3/13/2015	0.31	0.057 U	0.057 U	0.057 U	0.057 U	0.057 U	0.057 U	0.31
KM15-B08-Comp 41B	3	0.47 mg/kg	3/13/2015	0.058 U	0.058 U	0.058 U	0.058 U	0.058 U	0.058 U	0.058 U	0.058 U
KM15-B08-Comp 44B	4	0.36 mg/kg	3/13/2015	0.20	0.053 U	0.053 U	0.053 U	0.053 U	0.053 U	0.053 U	0.20
KM-15-B08-Comp-45	4	0.36 mg/kg	3/9/2015	0.12	0.052 U	0.052 U	0.052 U	0.052 U	0.052 U	0.052 U	0.12
KM-15-B08-Comp-46	4	0.36 mg/kg	3/9/2015	0.17	0.053 U	0.053 U	0.053 U	0.053 U	0.053 U	0.053 U	0.17
KM-15-B08-Comp-47	4	0.36 mg/kg	3/9/2015	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U
KM-15-B08-Comp-48	4	0.36 mg/kg	3/9/2015	0.065	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U	0.065
KM-15-B08-Comp-49	3	0.47 mg/kg	3/9/2015	0.077	0.067 U	0.067 U	0.067 U	0.067 U	0.067 U	0.067 U	0.077
KM-15-B08-Comp-50	3	0.47 mg/kg	3/9/2015	0.072 U	0.072 U	0.072 U	0.072 U	0.072 U	0.072 U	0.072 U	0.072 U
KM-15-B08-Comp-51	4	0.36 mg/kg	3/9/2015	0.34	0.055 U	0.055 U	0.055 U	0.055 U	0.055 U	0.055 U	0.34
KM-15-B08-Comp-52	3	0.47 mg/kg	3/9/2015	0.14	0.053 U	0.053 U	0.053 U	0.053 U	0.053 U	0.053 U	0.14
KM-15-B08-Comp-53	3	0.47 mg/kg	3/9/2015	0.1	0.053 U	0.053 U	0.053 U	0.053 U	0.053 U	0.053 U	0.1
KM15-B08-3C	1	1 mg/kg	3/13/2015	0.31	0.053 U	0.053 U	0.053 U	0.053 U	0.053 U	0.14	0.17
KM15-B08-4D	1	1 mg/kg	3/25/2015	0.43	0.066 U	0.066 U	0.066 U	0.066 U	0.066 U	0.23	0.2
KM15-B08-DUP 1	Field duplicate of KM15-B08-4D	1 mg/kg	3/25/2015	0.204	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U	0.11	0.094
KM15-B08-5C	1	1 mg/kg	3/13/2015	0.7	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U	0.43	0.27
KM15-B08-6D	1	1 mg/kg	3/25/2015	0.56	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U	0.31	0.25
KM15-B08-10C	1	1 mg/kg	3/13/2015	0.44	0.055 U	0.055 U	0.055 U	0.055 U	0.055 U	0.18	0.26
KM15-B08-11C	1	1 mg/kg	3/13/2015	0.70	0.066 U	0.066 U	0.066 U	0.066 U	0.066 U	0.38	0.32
KM15-B08-12C	1	1 mg/kg	3/13/2015	0.51	0.057 U	0.057 U	0.057 U	0.057 U	0.057 U	0.24	0.27
KM15-B08-13C	1	1 mg/kg	3/13/2015	0.19	0.068 U	0.068 U	0.068 U	0.068 U	0.068 U	0.082	0.11
KM-15-B08-31B	1	1 mg/kg	3/9/2015	0.20	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U	0.2
KM15-B08-38D	1	1 mg/kg	3/25/2015	0.091	0.063	0.063	0.063	0.063	0.063	0.063	0.091
KM15-B08-46D	1	1 mg/kg	3/25/2015	0.062 U	0.062 U	0.062 U	0.062 U	0.062 U	0.062 U	0.062 U	0.062 U
KM15-B08-47D	1	1 mg/kg	3/25/2015	0.063 U	0.063 U	0.063 U	0.063 U	0.063 U	0.063 U	0.063 U	0.063 U
KM15-B08-48D	1	1 mg/kg	3/25/2015	0.11	0.064 U	0.064 U	0.064 U	0.064 U	0.064 U	0.064 U	0.11

TABLE 2

CONFIRMATION SAMPLE RESULTS [1]
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5410 Airport Way South
Seattle, Washington

all units in milligrams per kilogram (mg/kg)

Sample ID	Number of Sample Locations	High Occupancy Screening Criterion [2]	Sample Date	Total PCBs[3]	Aroclor 1016	Aroclor 1221	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260
KM15-B08-53D	1	1 mg/kg	3/25/2015	0.060 U	0.060 U	0.060 U	0.060 U	0.060 U	0.060 U	0.060 U	0.060 U
KM15-B08-54D	1	1 mg/kg	3/25/2015	0.063 U	0.063 U	0.063 U	0.063 U	0.063 U	0.063 U	0.063 U	0.063 U
KM15-B08-55B	1	1 mg/kg	3/13/2015	0.083	0.058 U	0.058 U	0.058 U	0.058 U	0.058 U	0.058 U	0.083
KM15-B08-57C	1	1 mg/kg	3/13/2015	0.86	0.059 U	0.059 U	0.059 U	0.059 U	0.059 U	0.28	0.58
KM15-B08-58C	1	1 mg/kg	3/13/2015	0.088	0.060 U	0.060 U	0.060 U	0.060 U	0.060 U	0.060 U	0.088
KM15-B08-59C	1	1 mg/kg	3/13/2015	0.99	0.058 U	0.058 U	0.058 U	0.058 U	0.058 U	0.31	0.68
KM15-B08-60D	1	1 mg/kg	3/25/2015	0.064 U	0.064 U	0.064 U	0.064 U	0.064 U	0.064 U	0.064 U	0.064 U
KM15-B08-61C	1	1 mg/kg	3/13/2015	0.054 U	0.054 U	0.054 U	0.054 U	0.054 U	0.054 U	0.054 U	0.054 U
KM15-B08-77D	1	1 mg/kg	3/25/2015	0.22	0.060 U	0.060 U	0.060 U	0.060 U	0.060 U	0.060 U	0.22
KM15-B08-78C	1	1 mg/kg	3/13/2015	0.24	0.053 U	0.053 U	0.053 U	0.053 U	0.053 U	0.053 U	0.24
KM15-B08-79C	1	1 mg/kg	3/13/2015	0.47	0.053 U	0.053 U	0.053 U	0.053 U	0.053 U	0.053 U	0.47
KM15-B08-85C	1	1 mg/kg	3/13/2015	0.34	0.053 U	0.053 U	0.053 U	0.053 U	0.053 U	0.053 U	0.34
KM15-B08-86C	1	1 mg/kg	3/13/2015	0.23	0.053 U	0.053 U	0.053 U	0.053 U	0.053 U	0.053 U	0.23
KM15-B08-87C	1	1 mg/kg	3/13/2015	0.25	0.053 U	0.053 U	0.053 U	0.053 U	0.053 U	0.053 U	0.25
KM15-B08-91D	1	1 mg/kg	3/25/2015	0.059 U	0.059 U	0.059 U	0.059 U	0.059 U	0.059 U	0.059 U	0.059 U
KM15-B08-95C	1	1 mg/kg	3/13/2015	0.15	0.055 U	0.055 U	0.055 U	0.055 U	0.055 U	0.055 U	0.15
KM15-B08-103C	1	1 mg/kg	3/13/2015	0.41	0.055 U	0.055 U	0.055 U	0.055 U	0.055 U	0.055 U	0.41
KM15-B08-148B	1	1 mg/kg	3/13/2015	0.37	0.054 U	0.054 U	0.054 U	0.054 U	0.054 U	0.054 U	0.37
KM15-B08-149B	1	1 mg/kg	3/13/2015	0.49	0.055 U	0.055 U	0.055 U	0.055 U	0.055 U	0.055 U	0.49
KM15-B08-150B	1	1 mg/kg	3/13/2015	0.44	0.061 U	0.061 U	0.061 U	0.061 U	0.061 U	0.061 U	0.44
KM15-B08-151B	1	1 mg/kg	3/13/2015	0.37	0.056 U	0.056 U	0.056 U	0.056 U	0.056 U	0.056 U	0.37

Notes
1. Data qualifiers are as follows:
   U = analyte not detected at or above laboratory reporting limit shown.
2. High-occupancy cleanup levels were established as screening criteria for composite samples. The high-occupancy screening criteria were calculated using the method described by the EPA (1985) as:
   (0.8)·(1 mg/kg) + (2.576)·(0.3)·(0.8)·(1.0) = 1.42 mg/kg/number of subsamples in composite.
3. Samples were analyzed for PCBs by EPA Method 8082 at OnSite Environmental, Inc., in Redmond, Washington.

Abbreviations
EPA = U.S. Environmental Protection Agency
mg/kg = milligrams per kilogram
PCBs = polychlorinated biphenyls

TABLE 3

BMP DOCUMENTATION
POTENTIALLY APPLICABLE BMP IMPLEMENTATION AND RATIONALE [1,2]
5410 Airport Way South
Seattle, Washington

Greener Cleanup BMP Categories	Potentially Applicable BMPs	Implemented?	Rationale (if necessary)
Project Planning and Team Management	Use local staff (including subcontractors) when possible to minimize resource consumption	Yes	Local staff was used, including using contractors already onsite for demolition of the existing buildings.
	Establish green requirements (for example, SMPs and BMPs) as evaluation criteria in the selection of contractors and include language in RFPs, RFQs, subcontracts, contracts, etc.	No	Schedule and contractual constraints required use of onsite contractors.
	Surgically treat the TTZ and select appropriate performance standards to minimize volume requiring treatment relative to remedial goals	Yes	A sampling and analysis plan was created to characterize PCBs in soils and building materials with future site use in mind in order to minimize volume for removal.
Sampling and Analysis	Contract a laboratory that uses green practices and/or chemicals	Yes	Yes, laboratory implements green practices where feasible including a "no paper" policy for all data generation and billing.
	Use multi-port sampling system in monitoring wells to minimize the number of wells needing to be installed	Not Applicable	Groundwater was not part of impacted media.
	Use local laboratory to minimize impacts from transportation	Yes	--
	Use passive/no purge groundwater sampling system	Not Applicable	Groundwater was not part of impacted media.
Materials	Link a deconstruction project with a replacement construction project (for example, the same site of the deconstruction project or a local current construction or renovation project) to facilitate reuse of clean salvaged materials	Yes	Concrete from site footings and building walls re-used for backfill onsite when possible. Backfill from a local construction project was used for fill onsite.
	Use on-site/local materials, when possible (for example, wood waste for compost, rocks for drainage control)	Yes	Concrete from site footings and building walls re-used for backfill onsite when possible.
	Steam-clean or use phosphate-free detergents or biodegradable cleaning products instead of organic solvents or acids to decontaminate sampling equipment	Yes	Decontamination was done manually or using phosphate free detergent.
	Salvage uncontaminated objects/infrastructure with potential recycle, resale, donation, or reuse	Yes	Wood beams, concrete, and metal that were uncontaminated or met cleanup standards were recycled or reused.
	Use dedicated materials (that is, reuse of sampling equipment and nonuse of disposable materials/equipment) when performing multiple rounds of sampling	No	Time constraints and quality control requirements limited re-use of sampling equipment. In order to allow for re-use mobilization of additional staff to perform cleaning of sampling equipment and generation of more cleaning related wastes would have been necessary, negating environmental benefits.
	Purchase materials in bulk quantities and packed in reusable/recyclable containers and drums to reduce packaging waste	Yes	Bulk quantities of sampling equipment (spoons, marking flags, etc.)
	Use products, packing material, and equipment that can be reused or recycled	No	The majority of products onsite were one use to prevent cross contamination.
	Prepare, store, and distribute documents electronically using an environmental information management system	Yes	The majority of communication was performed via email or eletronic document submittal.
	Recycle as much non-usable/spent equipment/materials as possible following completion of project	Yes	Concrete and metal were recycled or re-used if non-contaminated.

TABLE 3

BMP DOCUMENTATION
POTENTIALLY APPLICABLE BMP IMPLEMENTATION AND RATIONALE [1,2]
5410 Airport Way South
Seattle, Washington

Greener Cleanup BMP Categories	Potentially Applicable BMPs	Implemented?	Rationale (if necessary)
Vehicle and Equipment	Use biodegradable hydraulic fluids on hydraulic equipment such as drill rigs	No	Equipment onsite for other projects was used to avoid mobilizing additional equipment, with associated transportaion and other impacts that would negarte environmental benefit.
	Implement an idle reduction plan	No	No documented idle reduction plan was implemented. However, equipment idling was held to a minamum as trucking was managed as on-call, so trucks only came to the site when soil or debris was ready to be loaded out.
	Minimize diesel emissions through the use of retrofitted engines, ultra-low or low sulfur diesel or alternative fuels, or filter/treatment devices to achieve BACT or MACT	No	Remediation equipment was the same used as for building demolition, thus use of onsite contractors precluded choice on equipment fueling.
	Soundproof all aboveground equipment housing to prevent noise disturbance to surrounding environment	No	Industrial area with rail and air traffic immediately adjacent, sound proofing unnecessary.
	Mix amendments into soil in-situ whenever possible to minimize dust generation and emissions	Not Applicable	Dust was controlled by application of water mist. No runoff was generated.
Site Preparation/Land Restoration	Survey on-site infrastructure to determine material types and approximate quantities that could be reused or recycled and evaluate opportunities for on-site or local re-use and/or recycling	Yes	Waste characterization was performed prior to building demolition and PCB remediation.
	Use onsite or nearby sources of backfill material for excavated areas, if shown to be free of contaminants	Yes	Nearby source of backfill was used after confirmation fill was clean.
Buildings	NA	NA	NA
Power and Fuel	NA	NA	NA
Surface/Storm Water	Use captured rainwater for tasks such as wash water, irrigation, dust control, constructed wetlands, or other uses	No	Not feasible as all areas onsite undergoing demoltion/construction activities.
	Use excavated areas to serve as retention basins in final storm water control plans	Yes	Stormwater BMPs included directing all runoff back into excavations.
Residual Solid and Liquid Waste	Reuse or recycle recovered product (such as resale of captured petroleum products, precipitated metals, etc.) and materials (for example, cardboard, plastics, asphalt, concrete, etc.)	Yes	Concrete and metal were recycled or re-used if non-contaminated.

TABLE 3

BMP DOCUMENTATION
POTENTIALLY APPLICABLE BMP IMPLEMENTATION AND RATIONALE [1,2]
5410 Airport Way South
Seattle, Washington

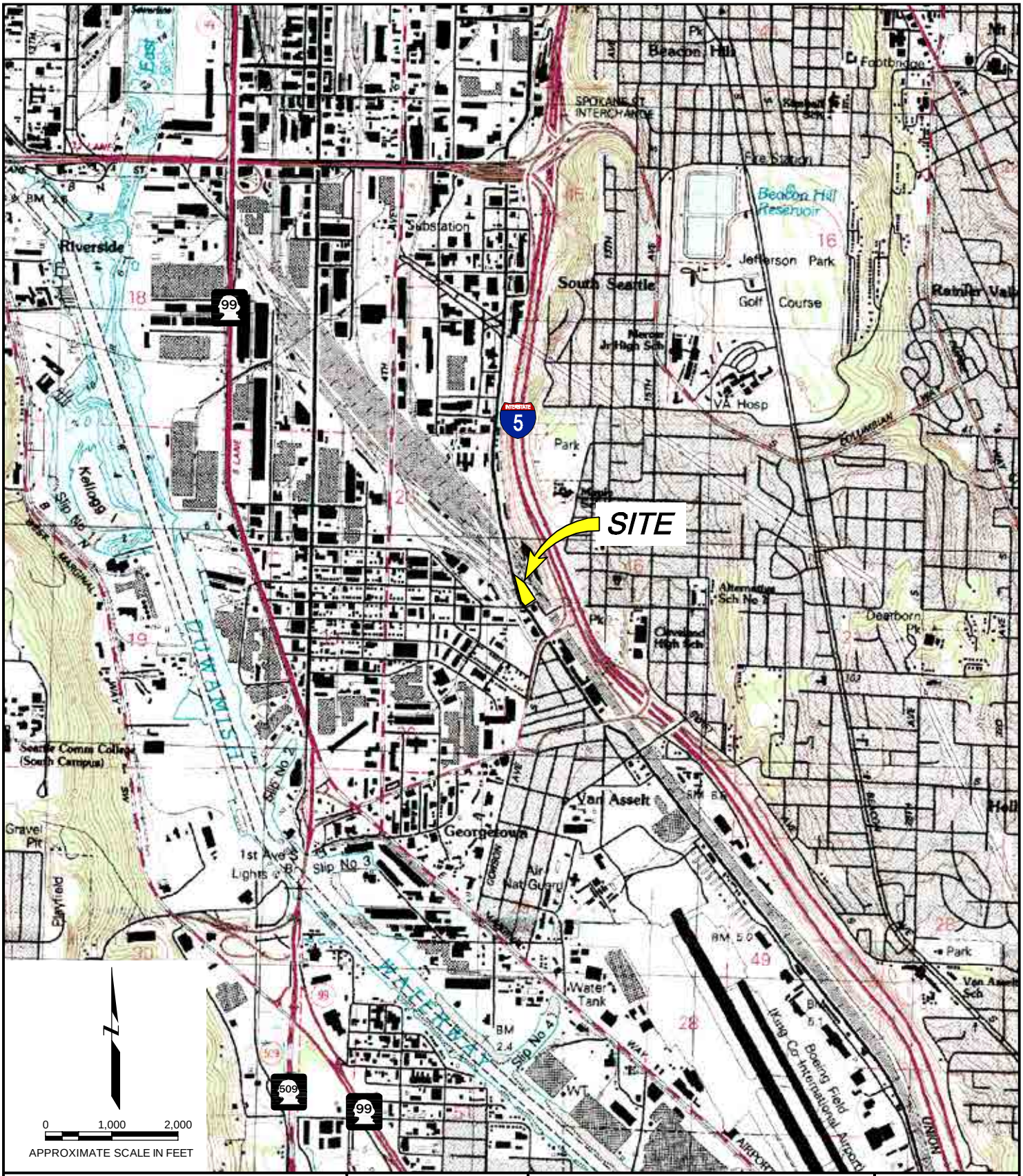
Greener Cleanup BMP Categories	Potentially Applicable BMPs	Implemented?	Rationale (if necessary)
Wastewater	Use uncontaminated wastewater or treated water for tasks such as wash water, irrigation, dust control, constructed wetlands, or other uses	No	No uncontaminated wastewater from site processes.
	Employ closed-loop graywater washing system for decontamination of trucks	No	Construction entrance provided, so washing of trucks was unnecessary.
	Consider discharging wastewater to a POTW or other regional water treatment plant rather than building and operating an on-site treatment plant, when feasible and environmentally beneficial based on additional analysis	No	No treatment system was necessary as all BMPs were designed to contain stormwater onsite.

Notes:
1. All applicable BMPs extracted from ASTM method E2893-13 Table X3.1.
2. BMPs were only evaluated against work related to PCB remediation, all other work onsite (building demolition, new building preparation, etc.) was performed by others.

Abbreviations:
BACT = Best Achievable Control Technology Standards
BMP = Best Management Practice
MACT = Maximum Achievable Control Technology Standards
NA = Not Applicable
PCBs = Polychlorinated biphenyls
RFPs = request for proposals
RFQs = request for qualifications
SMPs = Standard Management Practices
TTZ = Target Treatment Zone

amec foster wheeler

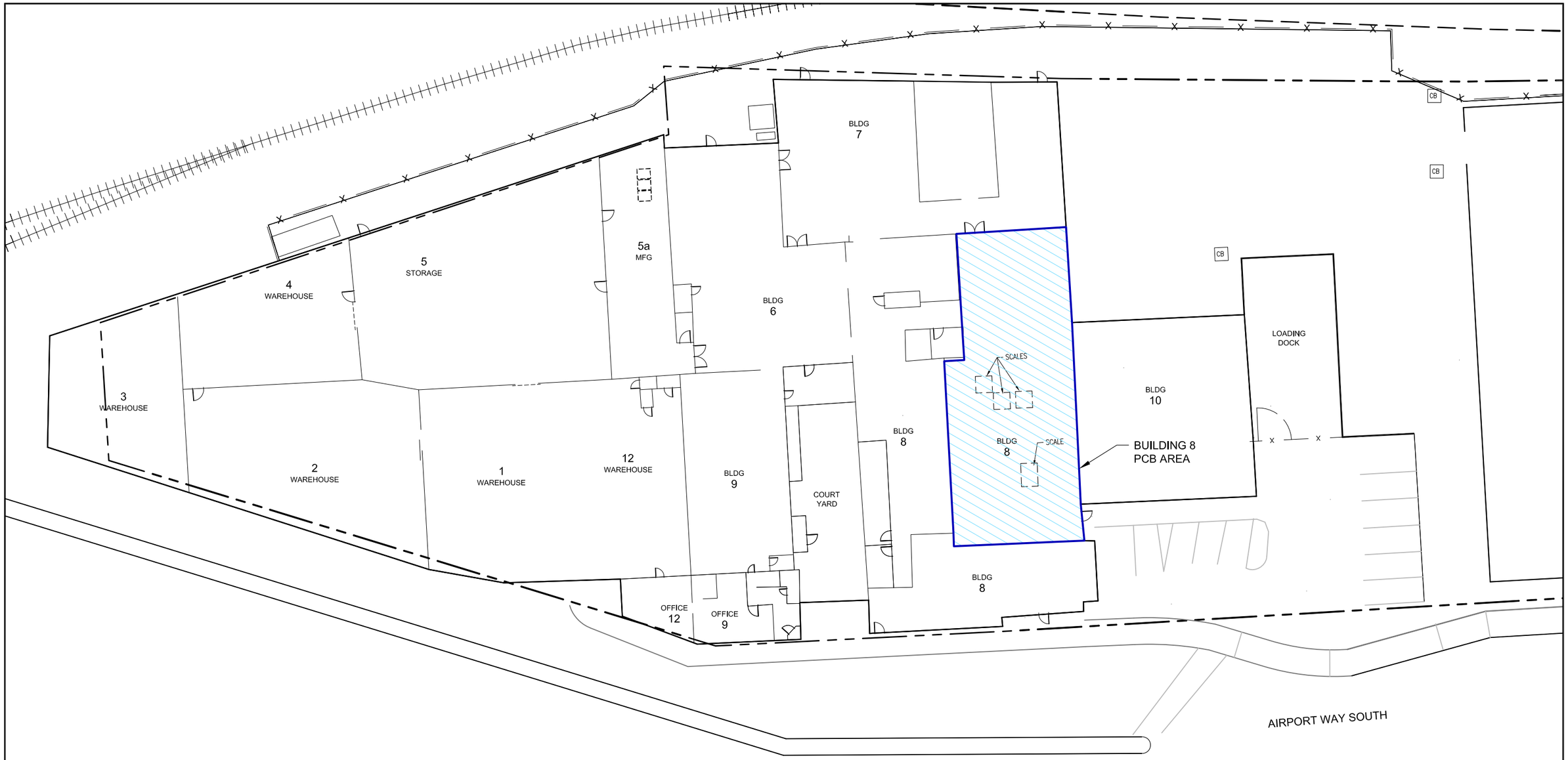
FIGURES



CLIENT NEW CORE DEVELOPMENT		PROJECT 5410 Airport Way South Seattle, Washington	DATE MAY 2015
			SCALE AS SHOWN
Amec Foster Wheeler Environment & Infrastructure, Inc. 600 University Street, Suite 600 Seattle, WA 98101	amec foster wheeler	TITLE SITE LOCATION	PROJECT NO. 16110
			FIGURE 1

DRAWN BY: APS CHECKED BY: NM

S:\16110\001_\KellyMoore_LocationMap_040614.dwg – Layout1 – May. 14, 2015 12:59pm – adam.stenberg



EXPLANATION

- PROPERTY LINE
- FENCE LINE
- RAIL LINE
- CB — CATCH BASIN
- BLDG 7 — BUILDING NUMBER

0 15 30

APPROXIMATE SCALE IN FEET

DRAWN BY: APS CHECKED BY: NM

S:\16110\001_\KellyMoore_PostExcavSamples_043015.dwg – Figure 2_Site Map – May. 14, 2015 1:01pm – adam.stenberg

CLIENT: NEW CORE DEVELOPMENT		PROJECT: 5410 Airport Way South, Seattle, Washington	DATE: MAY 2015
Amec Foster Wheeler Environment & Infrastructure, Inc. 600 University Street, Suite 600 Seattle, WA 98101	amec foster wheeler	TITLE: SITE PLAN	SCALE: 1" = 30'
			PROJECT NO.: 16110
			FIGURE: 2

FORMER BLDG 7 WAREHOUSE

FORMER WAREHOUSE

FORMER BUILDING 6 WAREHOUSE

FORMER BUILDING 10 WAREHOUSE

FORMER BUILDING 8 MANUFACTURING

FORMER BUILDING 8 RETAIL

SUB-SLAB CONCRETE WALL

SUB-SLAB CONCRETE WALL

EXCAVATION DEPTH: 6.0 FT BELOW GRADE

EXCAVATION DEPTH: 7.0 FT BELOW GRADE

EXCAVATION DEPTH: 4.5 FT BELOW GRADE

EXPLANATION

- PCB PRIMARY SAMPLE LOCATION
- 24 — COMPOSITE SAMPLE AREA AND DESIGNATION
- FORMER FLOOR SCALE PITS

EXCAVATION DEPTH KEY

- SUB-SLAB ELEVATION
- SUB-SLAB ELEVATION -1 FT
- SUB-SLAB ELEVATION -2 FT
- SUB-SLAB ELEVATION -3 FT
- SUB-SLAB ELEVATION -4 FT
- OTHER DEPTH AS NOTED

0' 5' 10' 15'

1" = 10'

CLIENT: NEW CORE DEVELOPMENT		PROJECT: 5410 Airport Way South, Seattle, Washington	DATE: MAY 2015
			SCALE: 1" = 10'
Amec Foster Wheeler Environment & Infrastructure, Inc. 600 University Street, Suite 600 Seattle, WA 98101	amec foster wheeler	TITLE: BUILDING 8 FINAL EXCAVATION DEPTHS	PROJECT NO.: 16110
			FIGURE: 3

DRAWN BY: APS CHECKED BY: NM

S:\16110\001_\KM_Building8_Excav_050415.dwg - Fig3 Bldg8 Excav - May. 14, 2015 1:05pm - adam.stenberg

FORMER BLDG 7 WAREHOUSE

FORMER WAREHOUSE

FORMER BUILDING 6 WAREHOUSE

FORMER BUILDING 10 WAREHOUSE

FORMER BUILDING 8 MANUFACTURING

FORMER BUILDING 8 RETAIL

SUB-SLAB CONCRETE WALL

SUB-SLAB CONCRETE WALL

30B 0.19
3C 0.31
4D 0.43
5C 0.7
6D 0.56
36B 0.22
10C 0.44
11C 0.70
12C 0.51
13C 0.19
33 0.17
34B 0.16
5 0.18
35 0.16
31B 0.20
38D 0.091
6 0.19
37 0.10
41B ND
46D ND
47D ND
48D 0.11
40B 0.31
53D ND
54D ND
55B 0.083
10 0.23
57C 0.86
58C 0.088
59C 0.99
60D ND
61C ND
38 0.14
27 0.33
28 0.11
148B 0.37
149B 0.49
150B 0.44
151B 0.37
14 ND
12 0.24
77D 0.22
78C 0.24
79C 0.47
47 ND
91D ND
85C 0.34
86C 0.23
87C 0.25
48 0.07
95C 0.15
44B 0.20
ND
26
49 0.08
103C 0.41
25 ND
45 0.12
46 0.17
50 ND
51 0.34
53 0.10
52 0.14
23 0.14
24 0.24

EXPLANATION

- PCB PRIMARY SAMPLE LOCATION WITH PCB CONCENTRATION IN mg/kg
- 24 0.24 — COMPOSITE SAMPLE AREA AND DESIGNATION WITH PCB CONCENTRATION IN mg/kg
- EXTENT OF SCALE PIT EXCAVATION
- FORMER FLOOR SCALE PITS

NOTE:
ND = PCBs NOT DETECTED

0' 5' 10' 15'
1" = 10'

CLIENT: NEW CORE DEVELOPMENT		PROJECT: 5410 Airport Way South, Seattle, Washington	DATE: MAY 2015
			SCALE: 1" = 10'
Amec Foster Wheeler Environment & Infrastructure, Inc. 600 University Street, Suite 600 Seattle, WA 98101	amec foster wheeler	TITLE: BUILDING 8 EXCAVATION FINAL PCB SAMPLE RESULTS	PROJECT NO.: 16110
			FIGURE: 4

DRAWN BY: APS CHECKED BY: NM

S:\16110\001_\KM_Building8_Excav_050415.dwg - Fig4 Bldg8 - May. 14, 2015 1:06pm - adam.stenberg

APPENDIX A

Selected Site Photos

APPENDIX A

SELECTED SITE PHOTOGRAPHS

5410 Airport Way South
Seattle, Washington

Photograph 1 Concrete slab removal.

Photograph 2 Building 8 post-slab removal: sample layout looking northeast.

APPENDIX A

SELECTED SITE PHOTOGRAPHS

5410 Airport Way South
Seattle, Washington

Photograph 3 Eastern scale pits prior to removal.

Photograph 4 Western scale pit prior to removal.

APPENDIX A

SELECTED SITE PHOTOGRAPHS

5410 Airport Way South
Seattle, Washington

Photograph 5 Flags marking sampling grid, eastern scale pit visible on right.

Photograph 6 Flags marking sampling grid after additional excavation.

APPENDIX B

Laboratory Analytical Reports and Intermediate Excavation Sample Results Summary

OnSite Environmental Inc.

14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

March 3, 2015

Tasya Gray
AMEC Environment and Infrastructure, Inc.
One Union Square
600 University Street, Suite 600
Seattle, WA 98101

Re: Analytical Data for Project SE14161100
Laboratory Reference No. 1502-249

Dear Tasya:

Enclosed are the analytical results and associated quality control data for samples submitted on February 27, 2015.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

David Baumeister
Project Manager

Enclosures

Date of Report: March 3, 2015
Samples Submitted: February 27, 2015
Laboratory Reference: 1502-249
Project: SE14161100

Case Narrative

Samples were collected on February 26, 2015 and received by the laboratory on February 27, 2015. They were maintained at the laboratory at a temperature of 2°C to 6°C.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

Date of Report: March 3, 2015
Samples Submitted: February 27, 2015
Laboratory Reference: 1502-249
Project: SE14161100

PCBs
EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM15-B08-Dup-1**					
Laboratory ID:	02-249-01					
Aroclor 1016	**ND**	0.55	EPA 8082A	2-27-15	3-3-15	
Aroclor 1221	**ND**	0.55	EPA 8082A	2-27-15	3-3-15	
Aroclor 1232	**ND**	0.55	EPA 8082A	2-27-15	3-3-15	
Aroclor 1242	**ND**	0.55	EPA 8082A	2-27-15	3-3-15	
Aroclor 1248	**ND**	0.55	EPA 8082A	2-27-15	3-3-15	
Aroclor 1254	**ND**	0.55	EPA 8082A	2-27-15	3-3-15	
Aroclor 1260	**3.3**	0.55	EPA 8082A	2-27-15	3-3-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	---	*55-140*				S
Client ID:	**KM-15-B08-Comp-1**					
Laboratory ID:	02-249-149					
Aroclor 1016	**ND**	0.056	EPA 8082A	2-27-15	3-2-15	
Aroclor 1221	**ND**	0.056	EPA 8082A	2-27-15	3-2-15	
Aroclor 1232	**ND**	0.056	EPA 8082A	2-27-15	3-2-15	
Aroclor 1242	**ND**	0.056	EPA 8082A	2-27-15	3-2-15	
Aroclor 1248	**ND**	0.056	EPA 8082A	2-27-15	3-2-15	
Aroclor 1254	**ND**	0.056	EPA 8082A	2-27-15	3-2-15	
Aroclor 1260	**1.2**	0.056	EPA 8082A	2-27-15	3-2-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*75*	*55-140*				
Client ID:	**KM-15-B08-Comp-2**					
Laboratory ID:	02-249-150					
Aroclor 1016	**ND**	0.052	EPA 8082A	2-27-15	3-2-15	
Aroclor 1221	**ND**	0.052	EPA 8082A	2-27-15	3-2-15	
Aroclor 1232	**ND**	0.052	EPA 8082A	2-27-15	3-2-15	
Aroclor 1242	**ND**	0.052	EPA 8082A	2-27-15	3-2-15	
Aroclor 1248	**ND**	0.052	EPA 8082A	2-27-15	3-2-15	
Aroclor 1254	**ND**	0.052	EPA 8082A	2-27-15	3-2-15	
Aroclor 1260	**0.84**	0.052	EPA 8082A	2-27-15	3-2-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*75*	*55-140*				

Date of Report: March 3, 2015
Samples Submitted: February 27, 2015
Laboratory Reference: 1502-249
Project: SE14161100

PCBs
EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-15-B08-Comp-3**					
Laboratory ID:	02-249-151					
Aroclor 1016	**ND**	0.055	EPA 8082A	2-27-15	3-2-15	
Aroclor 1221	**ND**	0.055	EPA 8082A	2-27-15	3-2-15	
Aroclor 1232	**ND**	0.055	EPA 8082A	2-27-15	3-2-15	
Aroclor 1242	**ND**	0.055	EPA 8082A	2-27-15	3-2-15	
Aroclor 1248	**ND**	0.055	EPA 8082A	2-27-15	3-2-15	
Aroclor 1254	**ND**	0.055	EPA 8082A	2-27-15	3-2-15	
Aroclor 1260	**0.35**	0.055	EPA 8082A	2-27-15	3-2-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*80*	*55-140*				
Client ID:	**KM-15-B08-Comp-4**					
Laboratory ID:	02-249-152					
Aroclor 1016	**ND**	0.063	EPA 8082A	2-27-15	3-2-15	
Aroclor 1221	**ND**	0.063	EPA 8082A	2-27-15	3-2-15	
Aroclor 1232	**ND**	0.063	EPA 8082A	2-27-15	3-2-15	
Aroclor 1242	**ND**	0.063	EPA 8082A	2-27-15	3-2-15	
Aroclor 1248	**ND**	0.063	EPA 8082A	2-27-15	3-2-15	
Aroclor 1254	**ND**	0.063	EPA 8082A	2-27-15	3-2-15	
Aroclor 1260	**0.68**	0.063	EPA 8082A	2-27-15	3-2-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*69*	*55-140*				
Client ID:	**KM-15-B08-Comp-5**					
Laboratory ID:	02-249-153					
Aroclor 1016	**ND**	0.068	EPA 8082A	2-27-15	3-2-15	
Aroclor 1221	**ND**	0.068	EPA 8082A	2-27-15	3-2-15	
Aroclor 1232	**ND**	0.068	EPA 8082A	2-27-15	3-2-15	
Aroclor 1242	**ND**	0.068	EPA 8082A	2-27-15	3-2-15	
Aroclor 1248	**ND**	0.068	EPA 8082A	2-27-15	3-2-15	
Aroclor 1254	**ND**	0.068	EPA 8082A	2-27-15	3-2-15	
Aroclor 1260	**0.18**	0.068	EPA 8082A	2-27-15	3-2-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*79*	*55-140*				

Date of Report: March 3, 2015
Samples Submitted: February 27, 2015
Laboratory Reference: 1502-249
Project: SE14161100

PCBs
EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-15-B08-Comp-6**					
Laboratory ID:	02-249-154					
Aroclor 1016	**ND**	0.062	EPA 8082A	3-2-15	3-2-15	
Aroclor 1221	**ND**	0.062	EPA 8082A	3-2-15	3-2-15	
Aroclor 1232	**ND**	0.062	EPA 8082A	3-2-15	3-2-15	
Aroclor 1242	**ND**	0.062	EPA 8082A	3-2-15	3-2-15	
Aroclor 1248	**ND**	0.062	EPA 8082A	3-2-15	3-2-15	
Aroclor 1254	**ND**	0.062	EPA 8082A	3-2-15	3-2-15	
Aroclor 1260	**0.19**	0.062	EPA 8082A	3-2-15	3-2-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*98*	*55-140*				
Client ID:	**KM-15-B08-Comp-7**					
Laboratory ID:	02-249-155					
Aroclor 1016	**ND**	0.062	EPA 8082A	3-2-15	3-2-15	
Aroclor 1221	**ND**	0.062	EPA 8082A	3-2-15	3-2-15	
Aroclor 1232	**ND**	0.062	EPA 8082A	3-2-15	3-2-15	
Aroclor 1242	**ND**	0.062	EPA 8082A	3-2-15	3-2-15	
Aroclor 1248	**ND**	0.062	EPA 8082A	3-2-15	3-2-15	
Aroclor 1254	**ND**	0.062	EPA 8082A	3-2-15	3-2-15	
Aroclor 1260	**1.5**	0.062	EPA 8082A	3-2-15	3-2-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*77*	*55-140*				
Client ID:	**KM-15-B08-Comp-8**					
Laboratory ID:	02-249-156					
Aroclor 1016	**ND**	0.57	EPA 8082A	3-2-15	3-3-15	
Aroclor 1221	**ND**	0.57	EPA 8082A	3-2-15	3-3-15	
Aroclor 1232	**ND**	0.57	EPA 8082A	3-2-15	3-3-15	
Aroclor 1242	**ND**	0.57	EPA 8082A	3-2-15	3-3-15	
Aroclor 1248	**ND**	0.57	EPA 8082A	3-2-15	3-3-15	
Aroclor 1254	**ND**	0.57	EPA 8082A	3-2-15	3-3-15	
Aroclor 1260	**3.7**	0.57	EPA 8082A	3-2-15	3-3-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*---*	*55-140*				S

Date of Report: March 3, 2015
Samples Submitted: February 27, 2015
Laboratory Reference: 1502-249
Project: SE14161100

PCBs
EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-15-B08-Comp-9**					
Laboratory ID:	02-249-157					
Aroclor 1016	**ND**	0.062	EPA 8082A	3-2-15	3-2-15	
Aroclor 1221	**ND**	0.062	EPA 8082A	3-2-15	3-2-15	
Aroclor 1232	**ND**	0.062	EPA 8082A	3-2-15	3-2-15	
Aroclor 1242	**ND**	0.062	EPA 8082A	3-2-15	3-2-15	
Aroclor 1248	**ND**	0.062	EPA 8082A	3-2-15	3-2-15	
Aroclor 1254	**ND**	0.062	EPA 8082A	3-2-15	3-2-15	
Aroclor 1260	**0.60**	0.062	EPA 8082A	3-2-15	3-2-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*75*	*55-140*				
Client ID:	**KM-15-B08-Comp-10**					
Laboratory ID:	02-249-158					
Aroclor 1016	**ND**	0.066	EPA 8082A	3-2-15	3-2-15	
Aroclor 1221	**ND**	0.066	EPA 8082A	3-2-15	3-2-15	
Aroclor 1232	**ND**	0.066	EPA 8082A	3-2-15	3-2-15	
Aroclor 1242	**ND**	0.066	EPA 8082A	3-2-15	3-2-15	
Aroclor 1248	**ND**	0.066	EPA 8082A	3-2-15	3-2-15	
Aroclor 1254	**ND**	0.066	EPA 8082A	3-2-15	3-2-15	
Aroclor 1260	**0.23**	0.066	EPA 8082A	3-2-15	3-2-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*78*	*55-140*				
Client ID:	**KM-15-B08-Comp-11**					
Laboratory ID:	02-249-159					
Aroclor 1016	**ND**	0.062	EPA 8082A	3-2-15	3-2-15	
Aroclor 1221	**ND**	0.062	EPA 8082A	3-2-15	3-2-15	
Aroclor 1232	**ND**	0.062	EPA 8082A	3-2-15	3-2-15	
Aroclor 1242	**ND**	0.062	EPA 8082A	3-2-15	3-2-15	
Aroclor 1248	**ND**	0.062	EPA 8082A	3-2-15	3-2-15	
Aroclor 1254	**ND**	0.062	EPA 8082A	3-2-15	3-2-15	
Aroclor 1260	**0.46**	0.062	EPA 8082A	3-2-15	3-2-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*77*	*55-140*				

Date of Report: March 3, 2015
Samples Submitted: February 27, 2015
Laboratory Reference: 1502-249
Project: SE14161100

PCBs
EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-15-B08-Comp-12**					
Laboratory ID:	02-249-160					
Aroclor 1016	**ND**	0.066	EPA 8082A	3-2-15	3-2-15	
Aroclor 1221	**ND**	0.066	EPA 8082A	3-2-15	3-2-15	
Aroclor 1232	**ND**	0.066	EPA 8082A	3-2-15	3-2-15	
Aroclor 1242	**ND**	0.066	EPA 8082A	3-2-15	3-2-15	
Aroclor 1248	**ND**	0.066	EPA 8082A	3-2-15	3-2-15	
Aroclor 1254	**ND**	0.066	EPA 8082A	3-2-15	3-2-15	
Aroclor 1260	**0.24**	0.066	EPA 8082A	3-2-15	3-2-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*70*	*55-140*				
Client ID:	**KM-15-B08-Comp-13**					
Laboratory ID:	02-249-161					
Aroclor 1016	**ND**	1.2	EPA 8082A	3-2-15	3-3-15	
Aroclor 1221	**ND**	1.2	EPA 8082A	3-2-15	3-3-15	
Aroclor 1232	**ND**	1.2	EPA 8082A	3-2-15	3-3-15	
Aroclor 1242	**ND**	1.2	EPA 8082A	3-2-15	3-3-15	
Aroclor 1248	**ND**	1.2	EPA 8082A	3-2-15	3-3-15	
Aroclor 1254	**ND**	1.2	EPA 8082A	3-2-15	3-3-15	
Aroclor 1260	**14**	1.2	EPA 8082A	3-2-15	3-3-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*---*	*55-140*				S
Client ID:	**KM-15-B08-Comp-14**					
Laboratory ID:	02-249-162					
Aroclor 1016	**ND**	0.052	EPA 8082A	3-2-15	3-2-15	
Aroclor 1221	**ND**	0.052	EPA 8082A	3-2-15	3-2-15	
Aroclor 1232	**ND**	0.052	EPA 8082A	3-2-15	3-2-15	
Aroclor 1242	**ND**	0.052	EPA 8082A	3-2-15	3-2-15	
Aroclor 1248	**ND**	0.052	EPA 8082A	3-2-15	3-2-15	
Aroclor 1254	**ND**	0.052	EPA 8082A	3-2-15	3-2-15	
Aroclor 1260	**ND**	0.052	EPA 8082A	3-2-15	3-2-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*82*	*55-140*				

Date of Report: March 3, 2015
Samples Submitted: February 27, 2015
Laboratory Reference: 1502-249
Project: SE14161100

PCBs
EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-15-B08-Comp-15**					
Laboratory ID:	02-249-163					
Aroclor 1016	**ND**	0.54	EPA 8082A	3-2-15	3-3-15	
Aroclor 1221	**ND**	0.54	EPA 8082A	3-2-15	3-3-15	
Aroclor 1232	**ND**	0.54	EPA 8082A	3-2-15	3-3-15	
Aroclor 1242	**ND**	0.54	EPA 8082A	3-2-15	3-3-15	
Aroclor 1248	**ND**	0.54	EPA 8082A	3-2-15	3-3-15	
Aroclor 1254	**ND**	0.54	EPA 8082A	3-2-15	3-3-15	
Aroclor 1260	**3.2**	0.54	EPA 8082A	3-2-15	3-3-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*---*	*55-140*				S
Client ID:	**KM-15-B08-Comp-16**					
Laboratory ID:	02-249-164					
Aroclor 1016	**ND**	0.062	EPA 8082A	3-2-15	3-2-15	
Aroclor 1221	**ND**	0.062	EPA 8082A	3-2-15	3-2-15	
Aroclor 1232	**ND**	0.062	EPA 8082A	3-2-15	3-2-15	
Aroclor 1242	**ND**	0.062	EPA 8082A	3-2-15	3-2-15	
Aroclor 1248	**ND**	0.062	EPA 8082A	3-2-15	3-2-15	
Aroclor 1254	**ND**	0.062	EPA 8082A	3-2-15	3-2-15	
Aroclor 1260	**0.39**	0.062	EPA 8082A	3-2-15	3-2-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*86*	*55-140*				
Client ID:	**KM-15-B08-Comp-17**					
Laboratory ID:	02-249-165					
Aroclor 1016	**ND**	0.057	EPA 8082A	3-2-15	3-2-15	
Aroclor 1221	**ND**	0.057	EPA 8082A	3-2-15	3-2-15	
Aroclor 1232	**ND**	0.057	EPA 8082A	3-2-15	3-2-15	
Aroclor 1242	**ND**	0.057	EPA 8082A	3-2-15	3-2-15	
Aroclor 1248	**ND**	0.057	EPA 8082A	3-2-15	3-2-15	
Aroclor 1254	**ND**	0.057	EPA 8082A	3-2-15	3-2-15	
Aroclor 1260	**1.3**	0.057	EPA 8082A	3-2-15	3-2-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*86*	*55-140*				

Date of Report: March 3, 2015
Samples Submitted: February 27, 2015
Laboratory Reference: 1502-249
Project: SE14161100

PCBs
EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-15-B08-Comp-18**					
Laboratory ID:	02-249-166					
Aroclor 1016	**ND**	0.062	EPA 8082A	3-2-15	3-2-15	
Aroclor 1221	**ND**	0.062	EPA 8082A	3-2-15	3-2-15	
Aroclor 1232	**ND**	0.062	EPA 8082A	3-2-15	3-2-15	
Aroclor 1242	**ND**	0.062	EPA 8082A	3-2-15	3-2-15	
Aroclor 1248	**ND**	0.062	EPA 8082A	3-2-15	3-2-15	
Aroclor 1254	**ND**	0.062	EPA 8082A	3-2-15	3-2-15	
Aroclor 1260	**1.7**	0.062	EPA 8082A	3-2-15	3-2-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*87*	*55-140*				
Client ID:	**KM-15-B08-Comp-19**					
Laboratory ID:	02-249-167					
Aroclor 1016	**ND**	0.060	EPA 8082A	3-2-15	3-2-15	
Aroclor 1221	**ND**	0.060	EPA 8082A	3-2-15	3-2-15	
Aroclor 1232	**ND**	0.060	EPA 8082A	3-2-15	3-2-15	
Aroclor 1242	**ND**	0.060	EPA 8082A	3-2-15	3-2-15	
Aroclor 1248	**ND**	0.060	EPA 8082A	3-2-15	3-2-15	
Aroclor 1254	**ND**	0.060	EPA 8082A	3-2-15	3-2-15	
Aroclor 1260	**1.3**	0.060	EPA 8082A	3-2-15	3-2-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*92*	*55-140*				
Client ID:	**KM-15-B08-Comp-20**					
Laboratory ID:	02-249-168					
Aroclor 1016	**ND**	0.055	EPA 8082A	3-2-15	3-2-15	
Aroclor 1221	**ND**	0.055	EPA 8082A	3-2-15	3-2-15	
Aroclor 1232	**ND**	0.055	EPA 8082A	3-2-15	3-2-15	
Aroclor 1242	**ND**	0.055	EPA 8082A	3-2-15	3-2-15	
Aroclor 1248	**ND**	0.055	EPA 8082A	3-2-15	3-2-15	
Aroclor 1254	**ND**	0.055	EPA 8082A	3-2-15	3-2-15	
Aroclor 1260	**0.96**	0.055	EPA 8082A	3-2-15	3-2-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*88*	*55-140*				

Date of Report: March 3, 2015
Samples Submitted: February 27, 2015
Laboratory Reference: 1502-249
Project: SE14161100

PCBs
EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-15-B08-Comp-21**					
Laboratory ID:	02-249-169					
Aroclor 1016	**ND**	0.060	EPA 8082A	3-2-15	3-2-15	
Aroclor 1221	**ND**	0.060	EPA 8082A	3-2-15	3-2-15	
Aroclor 1232	**ND**	0.060	EPA 8082A	3-2-15	3-2-15	
Aroclor 1242	**ND**	0.060	EPA 8082A	3-2-15	3-2-15	
Aroclor 1248	**ND**	0.060	EPA 8082A	3-2-15	3-2-15	
Aroclor 1254	**ND**	0.060	EPA 8082A	3-2-15	3-2-15	
Aroclor 1260	**0.38**	0.060	EPA 8082A	3-2-15	3-2-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*85*	*55-140*				
Client ID:	**KM-15-B08-Comp-22**					
Laboratory ID:	02-249-170					
Aroclor 1016	**ND**	0.055	EPA 8082A	3-2-15	3-2-15	
Aroclor 1221	**ND**	0.055	EPA 8082A	3-2-15	3-2-15	
Aroclor 1232	**ND**	0.055	EPA 8082A	3-2-15	3-2-15	
Aroclor 1242	**ND**	0.055	EPA 8082A	3-2-15	3-2-15	
Aroclor 1248	**ND**	0.055	EPA 8082A	3-2-15	3-2-15	
Aroclor 1254	**ND**	0.055	EPA 8082A	3-2-15	3-2-15	
Aroclor 1260	**0.78**	0.055	EPA 8082A	3-2-15	3-2-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*86*	*55-140*				
Client ID:	**KM-15-B08-Comp-23**					
Laboratory ID:	02-249-171					
Aroclor 1016	**ND**	0.056	EPA 8082A	3-2-15	3-2-15	
Aroclor 1221	**ND**	0.056	EPA 8082A	3-2-15	3-2-15	
Aroclor 1232	**ND**	0.056	EPA 8082A	3-2-15	3-2-15	
Aroclor 1242	**ND**	0.056	EPA 8082A	3-2-15	3-2-15	
Aroclor 1248	**ND**	0.056	EPA 8082A	3-2-15	3-2-15	
Aroclor 1254	**ND**	0.056	EPA 8082A	3-2-15	3-2-15	
Aroclor 1260	**0.14**	0.056	EPA 8082A	3-2-15	3-2-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*83*	*55-140*				

Date of Report: March 3, 2015
Samples Submitted: February 27, 2015
Laboratory Reference: 1502-249
Project: SE14161100

PCBs
EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-15-B08-Comp-24**					
Laboratory ID:	02-249-172					
Aroclor 1016	**ND**	0.055	EPA 8082A	3-2-15	3-2-15	
Aroclor 1221	**ND**	0.055	EPA 8082A	3-2-15	3-2-15	
Aroclor 1232	**ND**	0.055	EPA 8082A	3-2-15	3-2-15	
Aroclor 1242	**ND**	0.055	EPA 8082A	3-2-15	3-2-15	
Aroclor 1248	**ND**	0.055	EPA 8082A	3-2-15	3-2-15	
Aroclor 1254	**ND**	0.055	EPA 8082A	3-2-15	3-2-15	
Aroclor 1260	**0.24**	0.055	EPA 8082A	3-2-15	3-2-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*84*	*55-140*				

Date of Report: March 3, 2015
Samples Submitted: February 27, 2015
Laboratory Reference: 1502-249
Project: SE14161100

PCBs EPA 8082A
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0227S1					
Aroclor 1016	**ND**	0.050	EPA 8082A	2-27-15	3-2-15	
Aroclor 1221	**ND**	0.050	EPA 8082A	2-27-15	3-2-15	
Aroclor 1232	**ND**	0.050	EPA 8082A	2-27-15	3-2-15	
Aroclor 1242	**ND**	0.050	EPA 8082A	2-27-15	3-2-15	
Aroclor 1248	**ND**	0.050	EPA 8082A	2-27-15	3-2-15	
Aroclor 1254	**ND**	0.050	EPA 8082A	2-27-15	3-2-15	
Aroclor 1260	**ND**	0.050	EPA 8082A	2-27-15	3-2-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*101*	*55-140*				
Laboratory ID:	MB0302S1					
Aroclor 1016	**ND**	0.050	EPA 8082A	3-2-15	3-2-15	
Aroclor 1221	**ND**	0.050	EPA 8082A	3-2-15	3-2-15	
Aroclor 1232	**ND**	0.050	EPA 8082A	3-2-15	3-2-15	
Aroclor 1242	**ND**	0.050	EPA 8082A	3-2-15	3-2-15	
Aroclor 1248	**ND**	0.050	EPA 8082A	3-2-15	3-2-15	
Aroclor 1254	**ND**	0.050	EPA 8082A	3-2-15	3-2-15	
Aroclor 1260	**ND**	0.050	EPA 8082A	3-2-15	3-2-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*103*	*55-140*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
MATRIX SPIKES											
Laboratory ID:	02-249-150										
	MS	MSD	MS	MSD		MS	MSD				
Aroclor 1260	**1.23**	**1.30**	0.500	0.500	0.802	**86**	**99**	46-136	6	17	
Surrogate:											
DCB						*85*	*81*	*55-140*			
SPIKE BLANKS											
Laboratory ID:	SB0302S1										
	SB	SBD	SB	SBD		SB	SBD				
Aroclor 1260	**0.491**	**0.527**	0.500	0.500	N/A	**98**	**105**	64-127	7	11	
Surrogate:											
DCB						*102*	*111*	*55-140*			

Date of Report: March 3, 2015
Samples Submitted: February 27, 2015
Laboratory Reference: 1502-249
Project: SE14161100

% MOISTURE

Date Analyzed: 2-27&3-2-15

Client ID	Lab ID	% Moisture
KM15-B08-Dup-1	02-249-01	9
KM-15-B08-Comp-1	02-249-149	11
KM-15-B08-Comp-2	02-249-150	4
KM-15-B08-Comp-3	02-249-151	9
KM-15-B08-Comp-4	02-249-152	20
KM-15-B08-Comp-5	02-249-153	26
KM-15-B08-Comp-6	02-249-154	20
KM-15-B08-Comp-7	02-249-155	19
KM-15-B08-Comp-8	02-249-156	12
KM-15-B08-Comp-9	02-249-157	19
KM-15-B08-Comp-10	02-249-158	25
KM-15-B08-Comp-11	02-249-159	19
KM-15-B08-Comp-12	02-249-160	25
KM-15-B08-Comp-13	02-249-161	17
KM-15-B08-Comp-14	02-249-162	4
KM-15-B08-Comp-15	02-249-163	8
KM-15-B08-Comp-16	02-249-164	19
KM-15-B08-Comp-17	02-249-165	13
KM-15-B08-Comp-18	02-249-166	20
KM-15-B08-Comp-19	02-249-167	16
KM-15-B08-Comp-20	02-249-168	10
KM-15-B08-Comp-21	02-249-169	17
KM-15-B08-Comp-22	02-249-170	9
KM-15-B08-Comp-23	02-249-171	11
KM-15-B08-Comp-24	02-249-172	10

OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-napthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

X1- Sample extract treated with a Sulfuric acid/Silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in method 8260C, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

Chain of Custody Record

Onsite Environmental

02-249

Regulatory Program: ☐DW ☐NPDES ☐RCRA ☐Other:

Onsite Labs, Redmond, WA

Client Contact	Project Manager: Tasya Gray (AMEC)	Site Contact: Nathan Moxley	Date: 2/26/15	COC No:
Amec	Tel/Fax:	Lab Contact: Tasya Gray	Carrier:	Page 1 of 15
600 University St., Suite 600	Analysis Turnaround Time			Sampler: Nathan Moxley
Seattle, WA	☐CALENDAR DAYS ☐WORKING DAYS			For Lab Use Only:
206-342-1760	TAT if different from Below _____			Walk-in Client:
	☐ 2 weeks			Lab Sampling:
Project Name: New Core Dev. - Bldg 8 Sub Slab samples	☐ 1 week			
Site: Former Kelly-Moore	☑ 2 days			Job / SDG No.:
P O #: 16110	☐ 1 day			

	Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Archive	PCBs	Soil Archive	Sample Specific Notes:
1	KM15-B08-Dup-1	2/26/2015	1500	Comp	Soil	1				X	X	
2	KM15-B08-1	2/26/2015	1507	grab	Soil	1			X			
3	KM-15-B08-2	2/26/2015	1508	grab	Soil	1			X			
4	KM-15-B08-3	2/26/2015	1509	grab	Soil	1			X			
5	KM-15-B08-4	2/26/2015	1510	grab	Soil	1			X			
6	KM-15-B08-5	2/26/2015	1511	grab	Soil	1			X			
7	KM-15-B08-6	2/26/2015	1512	grab	Soil	1			X			
8	KM-15-B08-7	2/26/2015	1513	grab	Soil	1			X			
9	KM-15-B08-8	2/26/2015	1514	grab	Soil	1			X			
10	KM-15-B08-9	2/26/2015	1515	grab	Soil	1			X			
11	KM-15-B08-10	2/26/2015	1516	grab	Soil	1			X			
12	KM-15-B08-11	2/26/2015	1517	grab	Soil	1			X			

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐Non-Hazard ☐Flammable ☐Skin Irritant ☐Poison B ☑Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐Return to Client ☐Disposal by Lab ☐Archive for _____ Months

Special Instructions/QC Requirements & Comments:

2115

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:	Cooler Temp. (°C): Obs'd: _____ Corr'd: _____	Therm ID No.: _____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
	amec	2/26/15			
Relinquished by: Reid	Company: GPC-D-7	Date/Time: 2/27/15	Received by:	Company:	Date/Time:
Relinquished by:	Company: GPC-D-7	Date/Time: 2/27/15 1045	Received in Laboratory by:	Company: OSE	Date/Time: 2/27/15 1040

Form No. CA-C-WI-002, Rev. 4.3, dated 12/05/2013

Chain of Custody Record

Onsite Environmental

02-249

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Onsite Labs, Redmond, WA

Client Contact	Project Manager: Tasya Gray (AMEC)	Site Contact: Nathan Moxley	Date: 2/26/15	COC No:
Amec	Tel/Fax:	Lab Contact: Tasya Gray	Carrier:	Page 2 of 15
600 University St., Suite 600	Analysis Turnaround Time			Sampler: Nathan Moxley
Seattle, WA	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
206-342-1760	TAT if different from Below _____			Walk-in Client:
	☐ 2 weeks			Lab Sampling:
Project Name: New Core Dev. - Bldg 8 Sub Slab samples	☐ 1 week			
Site: Former Kelly-Moore	☑ 2 days			Job / SDG No.:
P O #: 16110	☐ 1 day			

	Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Archive	PCBs	Sample Specific Notes:
13	KM-15-B08-12	2/26/2015	1518	~~Comp~~ grab	Soil	1			X		
14	KM-15-B08-13	2/26/2015	1519	grab	Soil	1			X		
15	KM-15-B08-14	2/26/2015	1520	grab	Soil	1			X		
16	KM-15-B08-15	2/26/2015	1521	grab	Soil	1			X		
17	KM-15-B08-16	2/26/2015	1522	grab	Soil	1			X		
18	KM-15-B08-17	2/26/2015	1523	grab	Soil	1			X		
19	KM-15-B08-18	2/26/2015	1524	grab	Soil	1			X		
20	KM-15-B08-19	2/26/2015	1525	grab	Soil	1			X		
21	KM-15-B08-20	2/26/2015	1526	grab	Soil	1			X		
22	KM-15-B08-21	2/26/2015	1527	grab	Soil	1			X		
23	KM-15-B08-22	2/26/2015	1528	grab	Soil	1			X		
24	KM-15-B08-23	2/26/2015	1529	grab	Soil	1			X		

Preservation Used: 1= Ice, 2= HCl; 3= H_2SO_4; 4=HNO_3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☑ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

2115

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd: _____ Corr'd: _____		Therm ID No.: _____
Relinquished by:	Company: Amec	Date/Time: 2/26/15	Received by:	Company:	Date/Time:
Relinquished by: Rec'd:	Company: Spectrum	Date/Time: 2/27/15	Received by:	Company:	Date/Time:
Relinquished by:	Company: Spectrum	Date/Time: 2-27-15	Received in Laboratory by:	Company: ONE	Date/Time: 2/27/15 1040

Chain of Custody Record

Onsite Environmental

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

02-249

Onsite Labs, Redmond, WA

Client Contact	Project Manager: Tasya Gray (AMEC)	Site Contact: Nathan Moxley	Date: 2/26/15	COC No:
Amec	Tel/Fax:	Lab Contact: Tasya Gray	Carrier:	Page 3 of 15
600 University St., Suite 600	Analysis Turnaround Time			Sampler: Nathan Moxley
Seattle, WA	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
206-342-1760	TAT if different from Below _____			Walk-in Client:
	☐ 2 weeks			Lab Sampling:
Project Name: New Core Dev. - Bldg 8 Sub Slab samples	☐ 1 week			
Site: Former Kelly-Moore	☑ 2 days			Job / SDG No.:
P O #: 16110	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Archive	PCBs	Sample Specific Notes:
25 KM-15-B08-24	2/26/2015	1530	grab Comp	Soil	1			X		
26 KM-15-B08-25	2/26/2015	1531	grab	Soil	1			X		
27 KM-15-B08-26	2/26/2015	1532	grab	Soil	1			X		
28 KM-15-B08-27	2/26/2015	1533	grab	Soil	1			X		
29 KM-15-B08-28	2/26/2015	1534	grab	Soil	1			X		
30 KM-15-B08-29	2/26/2015	1535	grab	Soil	1			X		
31 KM-15-B08-30	2/26/2015	1536	grab	Soil	1			X		
32 KM-15-B08-31	2/26/2015	1537	grab	Soil	1			X		
33 KM-15-B08-32	2/26/2015	1538	grab	Soil	1			X		
34 KM-15-B08-33	2/26/2015	1539	grab	Soil	1			X		
35 KM-15-B08-34	2/26/2015	1540	grab	Soil	1			X		
36 KM-15-B08-35	2/26/2015	1541	grab	Soil	1			X		

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☑ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

2115

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd: _____ Corr'd: _____		Therm ID No.: _____
Relinquished by:	Company: Amec	Date/Time: 2/26/15	Received by:	Company:	Date/Time:
Relinquished by:	Company: Grandy	Date/Time: 2/27/15	Received by:	Company:	Date/Time:
Relinquished by:	Company: Grandy	Date/Time: 2/27/15 1040	Received in Laboratory by:	Company: OSE	Date/Time: 2/27/15 1040

Form No. CA-C-WI-002, Rev. 4.3, dated 12/05/2013

Chain of Custody Record

Onsite Environmental

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other: 02-249

Onsite Labs, Redmond, WA

Client Contact	Project Manager: Tasya Gray (AMEC)	Site Contact: Nathan Moxley	Date: 2/26/15	COC No:
Amec	Tel/Fax:	Lab Contact: Tasya Gray	Carrier:	Page 4 of 15
600 University St., Suite 600	Analysis Turnaround Time			Sampler: Nathan Moxley
Seattle, WA	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
206-342-1760	TAT if different from Below _____			Walk-in Client:
	☐ 2 weeks			Lab Sampling:
Project Name: New Core Dev. - Bldg 8 Sub Slab samples	☐ 1 week			
Site: Former Kelly-Moore	☑ 2 days			Job / SDG No.:
P O #: 16110	☐ 1 day			

	Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Archive	PCBs	Sample Specific Notes:
37	KM-15-B08-36	2/26/2015	1542	~~Comp~~ grab	Soil	1			X		
38	KM-15-B08-37	2/26/2015	1543	grab	Soil	1			X		
39	KM-15-B08-38	2/26/2015	1544	grab	Soil	1			X		
40	KM-15-B08-39	2/26/2015	1545	grab	Soil	1			X		
41	KM-15-B08-40	2/26/2015	1546	grab	Soil	1			X		
42	KM-15-B08-41	2/26/2015	1547	grab	Soil	1			X		
43	KM-15-B08-42	2/26/2015	1548	grab	Soil	1			X		
44	KM-15-B08-43	2/26/2015	1549	grab	Soil	1			X		
45	KM-15-B08-44	2/26/2015	1550	grab	Soil	1			X		
46	KM-15-B08-45	2/26/2015	1551	grab	Soil	1			X		
47	KM-15-B08-46	2/26/2015	1552	grab	Soil	1			X		
48	KM-15-B08-47	2/26/2015	1553	grab	Soil	1			X		

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☑ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

2.1.5

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd: _____ Corr'd: _____ | Therm ID No.: _____

	Company	Date/Time		Company	Date/Time
Relinquished by:	Amec	2/26/15	Received by:		
Relinquished by: Paid	SPEEDY	2/27/15	Received by:		
Relinquished by:	SPEEDY	2/27/15 1050	Received in Laboratory by:	ONSITE	2/27/15 1040

Chain of Custody Record

Onsite Environmental

02-249

Regulatory Program: ☐DW ☐NPDES ☐RCRA ☐Other:

Onsite Labs, Redmond, WA

Client Contact	Project Manager: Tasya Gray (AMEC)	Site Contact: Nathan Moxley	Date: 2/26/15	COC No:
Amec	Tel/Fax:	Lab Contact: Tasya Gray	Carrier:	Page 6 of 15
600 University St., Suite 600	Analysis Turnaround Time			Sampler: Nathan Moxley
Seattle, WA	☐CALENDAR DAYS ☐WORKING DAYS			For Lab Use Only:
206-342-1760	TAT if different from Below _____			Walk-in Client:
	☐ 2 weeks			Lab Sampling:
Project Name: New Core Dev. - Bldg 8 Sub Slab samples	☐ 1 week			
Site: Former Kelly-Moore	☑ 2 days			Job / SDG No.:
P O #: 16110	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	Archive	PCBs	Sample Specific Notes:
61 KM-15-B08-48	2/26/2015	1554	grab	Soil	1			X		
62 KM-15-B08-49	2/26/2015	1555	grab	Soil	1			X		
63 KM-15-B08-50	2/26/2015	1556	grab	Soil	1			X		
64 KM-15-B08-51	2/26/2015	1557	grab	Soil	1			X		
65 KM-15-B08-52	2/26/2015	1558	grab	Soil	1			X		
66 KM-15-B08-53	2/26/2015	1559	grab	Soil	1			X		
67 KM-15-B08-54	2/26/2015	1600	grab	Soil	1			X		
68 KM-15-B08-55	2/26/2015	1601	grab	Soil	1			X		
69 KM-15-B08-56	2/26/2015	1602	grab	Soil	1			X		
70 KM-15-B08-57	2/26/2015	1603	grab	Soil	1			X		
71 KM-15-B08-58	2/26/2015	1604	grab	Soil	1			X		
72 KM-15-B08-59	2/26/2015	1605	grab	Soil	1			X		

Preservation Used: 1= Ice, 2= HCl; 3= H_2SO_4; 4=HNO_3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐Non-Hazard ☐Flammable ☐Skin Irritant ☐Poison B ☑Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐Return to Client ☐Disposal by Lab ☐Archive for_____ Months

Special Instructions/QC Requirements & Comments:

2415

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd:_____ Corr'd:_____		Therm ID No.:_____
Relinquished by:	Company: AMEC	Date/Time: 2/26/15	Received by:	Company:	Date/Time:
Relinquished by:	Company: SPEEDY	Date/Time: 2/27/15	Received by:	Company:	Date/Time:
Relinquished by:	Company: SPEEDY	Date/Time: 2/27/15 1033	Received in Laboratory by:	Company: ONE	Date/Time: 2/27/15 1040

Chain of Custody Record

Onsite Environmental

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

02-249

Onsite Labs, Redmond, WA

Client Contact	Project Manager: Tasya Gray (AMEC)	Site Contact: Nathan Moxley	Date: 2/26/15	COC No:
Amec	Tel/Fax:	Lab Contact: Tasya Gray	Carrier:	Page 2 of 15
600 University St., Suite 600	Analysis Turnaround Time			Sampler: Nathan Moxley
Seattle, WA	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
206-342-1760	TAT if different from Below			Walk-in Client:
	☐ 2 weeks			Lab Sampling:
Project Name: New Core Dev. - Bldg 8 Sub Slab samples	☐ 1 week			
Site: Former Kelly-Moore	☑ 2 days			Job / SDG No.:
P O #: 16110	☐ 1 day			

	Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Archive	PCBs	Sample Specific Notes:
73	KM-15-B08-60	2/26/2015	1606	grab	Soil	1			X		
74	KM-15-B08-61	2/26/2015	1607	grab	Soil	1			X		
75	KM-15-B08-62	2/26/2015	1608	grab	Soil	1			X		
76	KM-15-B08-63	2/26/2015	1609	grab	Soil	1			X		
77	KM-15-B08-64	2/26/2015	1610	grab	Soil	1			X		
78	KM-15-B08-65	2/26/2015	1611	grab	Soil	1			X		
79	KM-15-B08-66	2/26/2015	1612	grab	Soil	1			X		
80	KM-15-B08-67	2/26/2015	1613	grab	Soil	1			X		
81	KM-15-B08-68	2/26/2015	1614	grab	Soil	1			X		
82	KM-15-B08-69	2/26/2015	1615	grab	Soil	1			X		
83	KM-15-B08-70	2/26/2015	1616	grab	Soil	1			X		
84	KM-15-B08-71	2/26/2015	1617	grab	Soil	1			X		

Preservation Used: 1= Ice, 2= HCl; 3= H_2SO_4; 4=HNO_3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☑ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

2/15

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd: _____ Corr'd: _____		Therm ID No.: _____
Relinquished by:	Company: Amec	Date/Time: 2/26/15	Received by:	Company:	Date/Time:
Relinquished by:	Company: FedEx	Date/Time: 2/27/15	Received by:	Company:	Date/Time:
Relinquished by:	Company: Speedy	Date/Time: 2/27/15	Received in Laboratory by:	Company: OSE	Date/Time: 2/27/15 1040

Form No. CA-C-WI-002, Rev. 4.3, dated 12/05/2013

Chain of Custody Record

Onsite Environmental

Regulatory Program: ☐DW ☐NPDES ☐RCRA ☐Other:

02-249

Onsite Labs, Redmond, WA

Client Contact	Project Manager: Tasya Gray (AMEC)	Site Contact: Nathan Moxley	Date: 2/26/15	COC No:
Amec	Tel/Fax:	Lab Contact: Tasya Gray	Carrier:	Page 8 of 15
600 University St., Suite 600	Analysis Turnaround Time			Sampler: Nathan Moxley
Seattle, WA	☐CALENDAR DAYS ☐WORKING DAYS			For Lab Use Only:
206-342-1760	TAT if different from Below ____			Walk-in Client:
	☐ 2 weeks			Lab Sampling:
Project Name: New Core Dev. - Bldg 8 Sub Slab samples	☐ 1 week			
Site: Former Kelly-Moore	☑ 2 days			Job / SDG No.:
P O #: 16110	☐ 1 day			

	Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Archive	PCBs	Sample Specific Notes:
85	KM-15-B08-72	2/26/2015	1618	grab	Soil	1			X		
86	KM-15-B08-73	2/26/2015	1619	grab	Soil	1			X		
87	KM-15-B08-74	2/26/2015	1620	grab	Soil	1			X		
88	KM-15-B08-75	2/26/2015	1621	grab	Soil	1			X		
89	KM-15-B08-76	2/26/2015	1622	grab	Soil	1			X		
90	KM-15-B08-77	2/26/2015	1623	grab	Soil	1			X		
91	KM-15-B08-78	2/26/2015	1624	grab	Soil	1			X		
92	KM-15-B08-79	2/26/2015	1625	grab	Soil	1			X		
93	KM-15-B08-80	2/26/2015	1626	grab	Soil	1			X		
94	KM-15-B08-81	2/26/2015	1627	grab	Soil	1			X		
95	KM-15-B08-82	2/26/2015	1628	grab	Soil	1			X		
96	KM-15-B08-83	2/26/2015	1629	grab	Soil	1			X		

Preservation Used: 1= Ice, 2= HCl; 3= H_2SO_4; 4=HNO_3; 5=NaOH; 6= Other ____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐Non-Hazard ☐Flammable ☐Skin Irritant ☐Poison B ☑Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐Return to Client ☐Disposal by Lab ☐Archive for____ Months

Special Instructions/QC Requirements & Comments:

2415

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd:____ Corr'd:____ Therm ID No.:____

Relinquished by:	Company: Amec	Date/Time: 2/26/15	Received by:	Company:	Date/Time:
Relinquished by:	Company: Speedy	Date/Time: 2/27/15	Received by:	Company:	Date/Time:
Relinquished by:	Company: Speedy	Date/Time: 2/27/15	Received in Laboratory by:	Company: OSE	Date/Time: 2/27/15 1040

Form No. CA-C-WI-002, Rev. 4.3, dated 12/05/2013

Chain of Custody Record

Onsite Environmental

02-249

Regulatory Program: ☐DW ☐NPDES ☐RCRA ☐Other:

Onsite Labs, Redmond, WA

Client Contact	Project Manager: Tasya Gray (AMEC)	Site Contact: Nathan Moxley	Date: 2/26/15	COC No:
Amec	Tel/Fax:	Lab Contact: Tasya Gray	Carrier:	Page 3 of 15
600 University St., Suite 600	Analysis Turnaround Time			Sampler: Nathan Moxley
Seattle, WA	☐CALENDAR DAYS ☐WORKING DAYS			For Lab Use Only:
206-342-1760	TAT if different from Below _____			Walk-in Client:
	☐ 2 weeks			Lab Sampling:
Project Name: New Core Dev. - Bldg 8 Sub Slab samples	☐ 1 week			
Site: Former Kelly-Moore	☑ 2 days			Job / SDG No.:
P O #: 16110	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	Archive	PCBs	Sample Specific Notes:
97 KM-15-B08-84	2/26/2015	1630	grab	Soil	1			X		
98 KM-15-B08-85	2/26/2015	1631	grab	Soil	1			X		
99 KM-15-B08-86	2/26/2015	1632	grab	Soil	1			X		
100 KM-15-B08-87	2/26/2015	1633	grab	Soil	1			X		
101 KM-15-B08-88	2/26/2015	1634	grab	Soil	1			X		
102 KM-15-B08-89	2/26/2015	1635	grab	Soil	1			X		
103 KM-15-B08-90	2/26/2015	1636	grab	Soil	1			X		
104 KM-15-B08-91	2/26/2015	1637	grab	Soil	1			X		
105 KM-15-B08-92	2/26/2015	1638	grab	Soil	1			X		
106 KM-15-B08-93	2/26/2015	1639	grab	Soil	1			X		
107 KM-15-B08-94	2/26/2015	1640	grab	Soil	1			X		
108 KM-15-B08-95	2/26/2015	1641	grab	Soil	1			X		

Preservation Used: 1= Ice, 2= HCl; 3= H_2SO_4; 4=HNO_3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐Non-Hazard ☐Flammable ☐Skin Irritant ☐Poison B ☑Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐Return to Client ☐Disposal by Lab ☐Archive for _____ Months

Special Instructions/QC Requirements & Comments:

+115

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd: _____ Corr'd: _____		Therm ID No.: _____
Relinquished by:	Company: Amec	Date/Time: 2/26/15	Received by:	Company:	Date/Time:
Relinquished by:	Company: Speedy	Date/Time: 2/27/15	Received by:	Company:	Date/Time:
Relinquished by:	Company: Speedy	Date/Time: 2/27/15	Received in Laboratory by:	Company: OSE	Date/Time: 2/27/15 1040

Chain of Custody Record

Onsite Environmental

02-249

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Onsite Labs, Redmond, WA

Client Contact	Project Manager: Tasya Gray (AMEC)	Site Contact: Nathan Moxley	Date: 2/26/15	COC No:
Amec	Tel/Fax:	Lab Contact: Tasya Gray	Carrier:	Page 10 of 15
600 University St., Suite 600	Analysis Turnaround Time			Sampler: Nathan Moxley
Seattle, WA	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
206-342-1760	TAT if different from Below _____			Walk-in Client:
	☐ 2 weeks			Lab Sampling:
Project Name: New Core Dev. - Bldg 8 Sub Slab samples	☐ 1 week			
Site: Former Kelly-Moore	☑ 2 days			Job / SDG No.:
P O #: 16110	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Archive	PCBs	Sample Specific Notes:
109 KM-15-B08-96	2/26/2015	1642	grab	Soil	1			X		
110 KM-15-B08-97	2/26/2015	1643	grab	Soil	1			X		
111 KM-15-B08-98	2/26/2015	1644	grab	Soil	1			X		
112 KM-15-B08-99	2/26/2015	1645	grab	Soil	1			X		
113 KM-15-B08-100	2/26/2015	1646	grab	Soil	1			X		
114 KM-15-B08-101	2/26/2015	1647	grab	Soil	1			X		
115 KM-15-B08-102	2/26/2015	1648	grab	Soil	1			X		
116 KM-15-B08-103	2/26/2015	1649	grab	Soil	1			X		
117 KM-15-B08-104	2/26/2015	1650	grab	Soil	1			X		
118 KM-15-B08-105	2/26/2015	1651	grab	Soil	1			X		
119 KM-15-B08-106	2/26/2015	1652	grab	Soil	1			X		
120 KM-15-B08-107	2/26/2015	1653	grab	Soil	1			X		

Preservation Used: 1= Ice, 2= HCl; 3= H_2SO_4; 4=HNO_3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☑ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

2(15

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd: _____ Corr'd: _____		Therm ID No.: _____
Relinquished by:	Company: Amec	Date/Time: 2/26/15	Received by:	Company:	Date/Time:
Relinquished by:	Company: Sprague	Date/Time: 2/27/15	Received by:	Company:	Date/Time:
Relinquished by:	Company: Sprague	Date/Time: 2/27/15	Received in Laboratory by:	Company: OSE	Date/Time: 2/27/15 1040

Form No. CA-C-WI-002, Rev. 4.3, dated 12/05/2013

Chain of Custody Record

Onsite Environmental

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other: 02-249

Onsite Labs, Redmond, WA

Client Contact	Project Manager: Tasya Gray (AMEC)	Site Contact: Nathan Moxley	Date: 2/26/15	COC No:
Amec	Tel/Fax:	Lab Contact: Tasya Gray	Carrier:	Page 11 of 15
600 University St., Suite 600	Analysis Turnaround Time			Sampler: Nathan Moxley
Seattle, WA	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
206-342-1760	TAT if different from Below _____			Walk-in Client:
	☐ 2 weeks			Lab Sampling:
Project Name: New Core Dev. - Bldg 8 Sub Slab samples	☐ 1 week			
Site: Former Kelly-Moore	☑ 2 days			Job / SDG No.:
P O #: 16110	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Archive	PCBs	Sample Specific Notes:
121 KM-15-B08-108	2/26/2015	1654	grab	Soil	1			X		
122 KM-15-B08-109	2/26/2015	1655	grab	Soil	1			X		
123 KM-15-B08-110	2/26/2015	1656	grab	Soil	1			X		
124 KM-15-B08-111	2/26/2015	1657	grab	Soil	1			X		
125 KM-15-B08-112	2/26/2015	1658	grab	Soil	1			X		
126 KM-15-B08-113	2/26/2015	1659	grab	Soil	1			X		
127 KM-15-B08-114	2/26/2015	1700	grab	Soil	1			X		
128 KM-15-B08-115	2/26/2015	1701	grab	Soil	1			X		
129 KM-15-B08-116	2/26/2015	1702	grab	Soil	1			X		
130 KM-15-B08-117	2/26/2015	1703	grab	Soil	1			X		
131 KM-15-B08-118	2/26/2015	1704	grab	Soil	1			X		
132 KM-15-B08-119	2/26/2015	1705	grab	Soil	1			X		

Preservation Used: 1= Ice, 2= HCl; 3= H_2SO_4; 4=HNO_3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☑ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

2115

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd: _____ Corr'd: _____		Therm ID No.: _____
Relinquished by:	Company: Amec	Date/Time: 2/26/15	Received by:	Company:	Date/Time:
Relinquished by: Reid	Company: GP-NDT	Date/Time: 2/27/15	Received by:	Company:	Date/Time:
Relinquished by:	Company: SPE-ONE	Date/Time: 2/27/15	Received in Laboratory by:	Company: OSE	Date/Time: 2/27/15 1040

Chain of Custody Record

Onsite Environmental

Regulatory Program: ☐DW ☐NPDES ☐RCRA ☐Other:

02-249

Onsite Labs, Redmond, WA

Client Contact	Project Manager: Tasya Gray (AMEC)	Site Contact: Nathan Moxley	Date: 2/26/15	COC No:
Amec	Tel/Fax:	Lab Contact: Tasya Gray	Carrier:	Page 12 of 15
600 University St., Suite 600	Analysis Turnaround Time			Sampler: Nathan Moxley
Seattle, WA	☐CALENDAR DAYS ☐WORKING DAYS			For Lab Use Only:
206-342-1760	TAT if different from Below _____			Walk-in Client:
	☐ 2 weeks			Lab Sampling:
Project Name: New Core Dev. - Bldg 8 Sub Slab samples	☐ 1 week			
Site: Former Kelly-Moore	☑ 2 days			Job / SDG No.:
P O #: 16110	☐ 1 day			

Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Archive	PCBs	Sample Specific Notes:
133	KM-15-B08-120	2/26/2015	1706	grab	Soil	1			X		
134	KM-15-B08-121	2/26/2015	1707	grab	Soil	1			X		
135	KM-15-B08-122	2/26/2015	1708	grab	Soil	1			X		
136	KM-15-B08-123	2/26/2015	1709	grab	Soil	1			X		
137	KM-15-B08-124	2/26/2015	1710	grab	Soil	1			X		
138	KM-15-B08-125	2/26/2015	1711	grab	Soil	1			X		
139	KM-15-B08-126	2/26/2015	1712	grab	Soil	1			X		
140	KM-15-B08-127	2/26/2015	1713	grab	Soil	1			X		
141	KM-15-B08-128	2/26/2015	1714	grab	Soil	1			X		
142	KM-15-B08-129	2/26/2015	1715	grab	Soil	1			X		
143	KM-15-B08-130	2/26/2015	1716	grab	Soil	1			X		
144	KM-15-B08-131	2/26/2015	1717	grab	Soil	1			X		

Preservation Used: 1= Ice, 2= HCl; 3= H_2SO_4; 4=HNO_3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐Non-Hazard ☐Flammable ☐Skin Irritant ☐Poison B ☑Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐Return to Client ☐Disposal by Lab ☐Archive for _____ Months

Special Instructions/QC Requirements & Comments:

2/15

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd: _____ Corr'd: _____ | Therm ID No.: _____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
	Amec	2/26/15			
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
	SPECTRA	2/27/15			
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:
	SPECTRA	2/27/15		ONSITE	2/27/15 1040

Form No. CA-C-WI-002, Rev. 4.3, dated 12/05/2013

Chain of Custody Record

Onsite Environmental

Regulatory Program: ☐DW ☐NPDES ☐RCRA ☐Other: 02-249

Onsite Labs, Redmond, WA

Client Contact	Project Manager: Tasya Gray (AMEC)	Site Contact: Nathan Moxley	Date: 2/26/15	COC No:
Amec	Tel/Fax:	Lab Contact: Tasya Gray	Carrier:	Page 13 of 15
600 University St., Suite 600	Analysis Turnaround Time			Sampler: Nathan Moxley
Seattle, WA	☐CALENDAR DAYS ☐WORKING DAYS			For Lab Use Only:
206-342-1760	TAT if different from Below _____			Walk-in Client:
	☐ 2 weeks			Lab Sampling:
Project Name: New Core Dev. - Bldg 8 Sub Slab samples	☐ 1 week			
Site: Former Kelly-Moore	☑ 2 days			Job / SDG No.:
P O #: 16110	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Archive	PCBs	Soil Moisture	Sample Specific Notes:
145 KM-15-B08-132	2/26/2015	1718	grab	Soil	1			X			
146 KM-15-B08-133	2/26/2015	1719	grab	Soil	1			X			
147 KM-15-B08-134	2/26/2015	1720	grab	Soil	1			X			
148 KM-15-B08-135	2/26/2015	1721	grab	Soil	1			X			
149 KM-15-B08-Comp-1	2/26/2015	1722	grab	Soil	1				X	X	
150 KM-15-B08-Comp-2	2/26/2015	1723	grab	Soil	1				X		
151 KM-15-B08-Comp-3	2/26/2015	1724	grab	Soil	1				X		
152 KM-15-B08-Comp-4	2/26/2015	1725	grab	Soil	1				X		
153 KM-15-B08-Comp-5	2/26/2015	1726	grab	Soil	1				X		
154 KM-15-B08-Comp-6	2/26/2015	1727	grab	Soil	1				X		
155 KM-15-B08-Comp-7	2/26/2015	1728	grab	Soil	1				X		
156 KM-15-B08-Comp-8	2/26/2015	1729	grab	Soil	1				X		

Preservation Used: 1= Ice, 2= HCl; 3= H_2SO_4; 4=HNO_3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐Non-Hazard ☐Flammable ☐Skin Irritant ☐Poison B ☑Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐Return to Client ☐Disposal by Lab ☐Archive for _____ Months

Special Instructions/QC Requirements & Comments:

215

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd: _____ Corr'd: _____		Therm ID No.: _____
Relinquished by:	Company: Amec	Date/Time: 2/26/15	Received by:	Company:	Date/Time:
Relinquished by: Reid	Company: GP-SUB-Y	Date/Time: 2/27/15	Received by:	Company:	Date/Time:
Relinquished by:	Company: GP-SUB-Y	Date/Time: 2/27/15	Received in Laboratory by:	Company: OSE	Date/Time: 2/27/15 1040

Chain of Custody Record

Onsite Environmental

Regulatory Program: ☐DW ☐NPDES ☐RCRA ☐Other:

02-249

Onsite Labs, Redmond, WA

Client Contact	Project Manager: Tasya Gray (AMEC)	Site Contact: Nathan Moxley	Date: 2/26/15	COC No:
Amec	Tel/Fax:	Lab Contact: Tasya Gray	Carrier:	Page 14 of 15
600 University St., Suite 600	Analysis Turnaround Time			Sampler: Nathan Moxley
Seattle, WA	☐CALENDAR DAYS ☐WORKING DAYS			For Lab Use Only:
206-342-1760	TAT if different from Below ____			Walk-in Client:
	☐ 2 weeks			Lab Sampling:
Project Name: New Core Dev. - Bldg 8 Sub Slab samples	☐ 1 week			
Site: Former Kelly-Moore	☑ 2 days			Job / SDG No.:
P O #: 16110	☐ 1 day			

	Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Archive	PCBs	% moisture	Sample Specific Notes:
157	KM-15-B08-Comp-9	2/26/2015	1730	grab	Soil	1				X		
158	KM-15-B08-Comp-10	2/26/2015	1731	grab	Soil	1				X		
159	KM-15-B08-Comp-11	2/26/2015	1732	grab	Soil	1				X		
160	KM-15-B08-Comp-12	2/26/2015	1733	grab	Soil	1				X		
161	KM-15-B08-Comp-13	2/26/2015	1734	grab	Soil	1				X		
162	KM-15-B08-Comp-14	2/26/2015	1735	grab	Soil	1				X		
163	KM-15-B08-Comp-15	2/26/2015	1736	grab	Soil	1				X		
164	KM-15-B08-Comp-16	2/26/2015	1737	grab	Soil	1				X		
165	KM-15-B08-Comp-17	2/26/2015	1738	grab	Soil	1				X		
166	KM-15-B08-Comp-18	2/26/2015	1739	grab	Soil	1				X		
167	KM-15-B08-Comp-19	2/26/2015	1740	grab	Soil	1				X		
168	KM-15-B08-Comp-20	2/26/2015	1741	grab	Soil	1				X		

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other ____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐Non-Hazard ☐Flammable ☐Skin Irritant ☐Poison B ☑Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐Return to Client ☐Disposal by Lab ☐Archive for ____ Months

Special Instructions/QC Requirements & Comments:

2.15

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd: ____ Corr'd: ____		Therm ID No.: ____
Relinquished by:	Company: Amec	Date/Time: 2/26/15	Received by:	Company:	Date/Time:
Relinquished by:	Company: SPECTRA	Date/Time: 2/27/15	Received by:	Company:	Date/Time:
Relinquished by:	Company: SPECTRA	Date/Time: 2/27/15	Received in Laboratory by:	Company: ONE	Date/Time: 2/27/15 1040

Form No. CA-C-WI-002, Rev. 4.3, dated 12/05/2013

Chain of Custody Record

Onsite Environmental

02-249

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Onsite Labs, Redmond, WA

Client Contact	Project Manager: Tasya Gray (AMEC)	Site Contact: Nathan Moxley	Date: 2/26/15	COC No:
Amec	Tel/Fax:	Lab Contact: Tasya Gray	Carrier:	Page 15 of 15
600 University St., Suite 600	Analysis Turnaround Time			Sampler: Nathan Moxley
Seattle, WA	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
206-342-1760	TAT if different from Below _____			Walk-in Client:
	☐ 2 weeks			Lab Sampling:
Project Name: New Core Dev. - Bldg 8 Sub Slab samples	☐ 1 week			
Site: Former Kelly-Moore	☑ 2 days			Job / SDG No.:
P O #: 16110	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Archive	PCBs	90 MOISTURE	Sample Specific Notes:
169 KM-15-B08-Comp-21	2/26/2015	1742	grab	Soil	1				X		
170 KM-15-B08-Comp-22	2/26/2015	1743	grab	Soil	1				X		
171 KM-15-B08-Comp-23	2/26/2015	1744	grab	Soil	1				X		
172 KM-15-B08-Comp-24	2/26/2015	1745	grab	Soil	1				X		

Preservation Used: 1= Ice, 2= HCl; 3= H_2SO_4; 4=HNO_3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☑ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd: _____ Corr'd: _____		Therm ID No.: _____
Relinquished by:	Company: Amec	Date/Time: 2/26/15	Received by:	Company:	Date/Time:
Relinquished by: Reed	Company: GP-PT	Date/Time: 2/27/15	Received by:	Company:	Date/Time:
Relinquished by:	Company: GP-PT	Date/Time: 2/27/15	Received in Laboratory by:	Company: OSC	Date/Time: 2/27/15 1040

OnSite Environmental Inc.

14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

March 18, 2015

Tasya Gray
AMEC Environment and Infrastructure, Inc.
One Union Square
600 University Street, Suite 600
Seattle, WA 98101

Re: Analytical Data for Project SE14161100
Laboratory Reference No. 1502-249B

Dear Tasya:

Enclosed are the analytical results and associated quality control data for samples submitted on February 27, 2015.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

David Baumeister
Project Manager

Enclosures

Date of Report: March 18, 2015
Samples Submitted: February 27, 2015
Laboratory Reference: 1502-249B
Project: SE14161100

Case Narrative

Samples were collected on February 26, 2015 and received by the laboratory on February 27, 2015. They were maintained at the laboratory at a temperature of 2°C to 6°C.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

Date of Report: March 18, 2015
Samples Submitted: February 27, 2015
Laboratory Reference: 1502-249B
Project: SE14161100

PCBs
EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-15-B08-91**					
Laboratory ID:	02-249-104					
Aroclor 1016	**ND**	0.062	EPA 8082A	3-17-15	3-17-15	
Aroclor 1221	**ND**	0.062	EPA 8082A	3-17-15	3-17-15	
Aroclor 1232	**ND**	0.062	EPA 8082A	3-17-15	3-17-15	
Aroclor 1242	**ND**	0.062	EPA 8082A	3-17-15	3-17-15	
Aroclor 1248	**ND**	0.062	EPA 8082A	3-17-15	3-17-15	
Aroclor 1254	**ND**	0.062	EPA 8082A	3-17-15	3-17-15	
Aroclor 1260	**1.3**	0.062	EPA 8082A	3-17-15	3-17-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*78*	*55-140*				

Date of Report: March 18, 2015
Samples Submitted: February 27, 2015
Laboratory Reference: 1502-249B
Project: SE14161100

PCBs EPA 8082A
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0317S1					
Aroclor 1016	**ND**	0.050	EPA 8082A	3-17-15	3-17-15	
Aroclor 1221	**ND**	0.050	EPA 8082A	3-17-15	3-17-15	
Aroclor 1232	**ND**	0.050	EPA 8082A	3-17-15	3-17-15	
Aroclor 1242	**ND**	0.050	EPA 8082A	3-17-15	3-17-15	
Aroclor 1248	**ND**	0.050	EPA 8082A	3-17-15	3-17-15	
Aroclor 1254	**ND**	0.050	EPA 8082A	3-17-15	3-17-15	
Aroclor 1260	**ND**	0.050	EPA 8082A	3-17-15	3-17-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*104*	*55-140*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
MATRIX SPIKES											
Laboratory ID:	03-115-04										
	MS	MSD	MS	MSD		MS	MSD				
Aroclor 1260	**0.443**	**0.442**	0.500	0.500	ND	**89**	**88**	46-136	0	17	
Surrogate:											
DCB						*89*	*89*	*55-140*			

Date of Report: March 18, 2015
Samples Submitted: February 27, 2015
Laboratory Reference: 1502-249B
Project: SE14161100

% MOISTURE

Date Analyzed: 3-17-15

Client ID	Lab ID	% Moisture
KM-15-B08-91	02-249-104	19

OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-napthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

X1- Sample extract treated with a Sulfuric acid/Silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in method 8260C, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

Chain of Custody Record

Onsite Environmental

02-249

Regulatory Program: ☐DW ☐NPDES ☐RCRA ☐Other:

Onsite Labs, Redmond, WA

Client Contact	Project Manager: Tasya Gray (AMEC)	Site Contact: Nathan Moxley	Date: 2/26/15	COC No:
Amec	Tel/Fax:	Lab Contact: Tasya Gray	Carrier:	Page 1 of 15
600 University St., Suite 600	Analysis Turnaround Time			Sampler: Nathan Moxley
Seattle, WA	☐CALENDAR DAYS ☐WORKING DAYS			For Lab Use Only:
206-342-1760	TAT if different from Below _____			Walk-in Client:
	☐ 2 weeks			Lab Sampling:
Project Name: New Core Dev. - Bldg 8 Sub Slab samples	☐ 1 week			Job / SDG No.:
Site: Former Kelly-Moore	☑ 2 days			
P O #: 16110	☐ 1 day			

	Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Archive	PCBs	5 Aroclors SVOC	Sample Specific Notes:
1	KM15-B08-Dup-1	2/26/2015	1500	Comp	Soil	1				X	X	
2	KM15-B08-1	2/26/2015	1507	grab	Soil	1			X			
3	KM-15-B08-2	2/26/2015	1508	grab	Soil	1			X			
4	KM-15-B08-3	2/26/2015	1509	grab	Soil	1			X			
5	KM-15-B08-4	2/26/2015	1510	grab	Soil	1			X			
6	KM-15-B08-5	2/26/2015	1511	grab	Soil	1			X			
7	KM-15-B08-6	2/26/2015	1512	grab	Soil	1			X			(X) Added 3/16/15 - 72 (2 day TAT)
8	KM-15-B08-7	2/26/2015	1513	grab	Soil	1			X			
9	KM-15-B08-8	2/26/2015	1514	grab	Soil	1			X			
10	KM-15-B08-9	2/26/2015	1515	grab	Soil	1			X			
11	KM-15-B08-10	2/26/2015	1516	grab	Soil	1			X			
12	KM-15-B08-11	2/26/2015	1517	grab	Soil	1			X			

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐Non-Hazard ☐Flammable ☐Skin Irritant ☐Poison B ☑Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐Return to Client ☐Disposal by Lab ☐Archive for _____ Months

Special Instructions/QC Requirements & Comments:

2.15

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd: _____ Corr'd: _____ | Therm ID No.: _____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	Amec	2/26/15			
Reid [signature]	GPED	2/27/15			
[signature]	GPED	2/27/15 1000	Received in Laboratory by: [signature]	CORE	2/27/15 1040

Form No. CA-C-WI-002, Rev. 4.3, dated 12/05/2013

Chain of Custody Record

Onsite Environmental

02-249

Regulatory Program: ☐DW ☐NPDES ☐RCRA ☐Other:

Onsite Labs, Redmond, WA

Client Contact	Project Manager: Tasya Gray (AMEC)	Site Contact: Nathan Moxley	Date: 2/26/15	COC No:
Amec	Tel/Fax:	Lab Contact: Tasya Gray	Carrier:	Page 2 of 15
600 University St., Suite 600	Analysis Turnaround Time			Sampler: Nathan Moxley
Seattle, WA	☐CALENDAR DAYS ☐WORKING DAYS			For Lab Use Only:
206-342-1760	TAT if different from Below _____			Walk-in Client:
	☐ 2 weeks			Lab Sampling:
Project Name: New Core Dev. - Bldg 8 Sub Slab samples	☐ 1 week			Job / SDG No.:
Site: Former Kelly-Moore	☑ 2 days			
P O #: 16110	☐ 1 day			

	Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Archive	PCBs	Sample Specific Notes:
13	KM-15-B08-12	2/26/2015	1518	~~Comp~~ grab	Soil	1			X		
14	KM-15-B08-13	2/26/2015	1519	grab	Soil	1			X		
15	KM-15-B08-14	2/26/2015	1520	grab	Soil	1			X		
16	KM-15-B08-15	2/26/2015	1521	grab	Soil	1			X		
17	KM-15-B08-16	2/26/2015	1522	grab	Soil	1			X		
18	KM-15-B08-17	2/26/2015	1523	grab	Soil	1			X		
19	KM-15-B08-18	2/26/2015	1524	grab	Soil	1			X		
20	KM-15-B08-19	2/26/2015	1525	grab	Soil	1			X		
21	KM-15-B08-20	2/26/2015	1526	grab	Soil	1			X		
22	KM-15-B08-21	2/26/2015	1527	grab	Soil	1			X		
23	KM-15-B08-22	2/26/2015	1528	grab	Soil	1			X		
24	KM-15-B08-23	2/26/2015	1529	grab	Soil	1			X		

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐Non-Hazard ☐Flammable ☐Skin Irritant ☐Poison B ☑Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐Return to Client ☐Disposal by Lab ☐Archive for _____ Months

Special Instructions/QC Requirements & Comments:

2/15

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd: _____ Corr'd: _____		Therm ID No.: _____
Relinquished by:	Company: Amec	Date/Time: 2/26/15	Received by:	Company:	Date/Time:
Relinquished by: Rec'd:	Company: Spectrum	Date/Time: 2/27/15 0711	Received by:	Company:	Date/Time:
Relinquished by:	Company: Spectrum	Date/Time: 2/27/15 0930	Received in Laboratory by:	Company: OSE	Date/Time: 2/27/15 1040

Chain of Custody Record

Onsite Environmental

Regulatory Program: ☐DW ☐NPDES ☐RCRA ☐Other:

02-249

Onsite Labs, Redmond, WA

Client Contact	Project Manager: Tasya Gray (AMEC)	Site Contact: Nathan Moxley	Date: 2/26/15	COC No:
Amec	Tel/Fax:	Lab Contact: Tasya Gray	Carrier:	Page 3 of 15
600 University St., Suite 600	Analysis Turnaround Time			Sampler: Nathan Moxley
Seattle, WA	☐CALENDAR DAYS ☐WORKING DAYS			For Lab Use Only:
206-342-1760	TAT if different from Below ____			Walk-in Client:
	☐ 2 weeks			Lab Sampling:
Project Name: New Core Dev. - Bldg 8 Sub Slab samples	☐ 1 week			Job / SDG No.:
Site: Former Kelly-Moore	☑ 2 days			
P O #: 16110	☐ 1 day			

	Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Archive	PCBs	Sample Specific Notes:
25	KM-15-B08-24	2/26/2015	1530	~~grab~~ Comp	Soil	1			X		
26	KM-15-B08-25	2/26/2015	1531	grab	Soil	1			X		
27	KM-15-B08-26	2/26/2015	1532	grab	Soil	1			X		
28	KM-15-B08-27	2/26/2015	1533	grab	Soil	1			X		
29	KM-15-B08-28	2/26/2015	1534	grab	Soil	1			X		
30	KM-15-B08-29	2/26/2015	1535	grab	Soil	1			X		
31	KM-15-B08-30	2/26/2015	1536	grab	Soil	1			X		
32	KM-15-B08-31	2/26/2015	1537	grab	Soil	1			X		
33	KM-15-B08-32	2/26/2015	1538	grab	Soil	1			X		
34	KM-15-B08-33	2/26/2015	1539	grab	Soil	1			X		
35	KM-15-B08-34	2/26/2015	1540	grab	Soil	1			X		
36	KM-15-B08-35	2/26/2015	1541	grab	Soil	1			X		

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐Non-Hazard ☐Flammable ☐Skin Irritant ☐Poison B ☑Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐Return to Client ☐Disposal by Lab ☐Archive for_____ Months

Special Instructions/QC Requirements & Comments:

2.15

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd:_____ Corr'd:_____		Therm ID No.:_____
Relinquished by:	Company: Amec	Date/Time: 2/26/15	Received by:	Company:	Date/Time:
Relinquished by:	Company: GPCD-Y	Date/Time: 2/27/15	Received by:	Company:	Date/Time:
Relinquished by:	Company: GPCD-Y	Date/Time: 2/27/15 1040	Received in Laboratory by:	Company: OSE	Date/Time: 2/27/15 1040

Chain of Custody Record

Onsite Environmental

Regulatory Program: ☐DW ☐NPDES ☐RCRA ☐Other:

02-249

Onsite Labs, Redmond, WA

Client Contact	Project Manager: Tasya Gray (AMEC)	Site Contact: Nathan Moxley	Date: 2/26/15	COC No:
Amec	Tel/Fax:	Lab Contact: Tasya Gray	Carrier:	Page 4 of 15
600 University St., Suite 600	Analysis Turnaround Time			Sampler: Nathan Moxley
Seattle, WA	☐CALENDAR DAYS ☐WORKING DAYS			For Lab Use Only:
206-342-1760	TAT if different from Below _____			Walk-in Client:
	☐ 2 weeks			Lab Sampling:
Project Name: New Core Dev. - Bldg 8 Sub Slab samples	☐ 1 week			Job / SDG No.:
Site: Former Kelly-Moore	☑ 2 days			
P O #: 16110	☐ 1 day			

	Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Archive	PCBs	Sample Specific Notes:
37	KM-15-B08-36	2/26/2015	1542	~~Comp~~ grab	Soil	1			X		
38	KM-15-B08-37	2/26/2015	1543	grab	Soil	1			X		
39	KM-15-B08-38	2/26/2015	1544	grab	Soil	1			X		
40	KM-15-B08-39	2/26/2015	1545	grab	Soil	1			X		
41	KM-15-B08-40	2/26/2015	1546	grab	Soil	1			X		
42	KM-15-B08-41	2/26/2015	1547	grab	Soil	1			X		
43	KM-15-B08-42	2/26/2015	1548	grab	Soil	1			X		
44	KM-15-B08-43	2/26/2015	1549	grab	Soil	1			X		
45	KM-15-B08-44	2/26/2015	1550	grab	Soil	1			X		
46	KM-15-B08-45	2/26/2015	1551	grab	Soil	1			X		
47	KM-15-B08-46	2/26/2015	1552	grab	Soil	1			X		
48	KM-15-B08-47	2/26/2015	1553	grab	Soil	1			X		

Preservation Used: 1= Ice, 2= HCl; 3= H_2SO_4; 4=HNO_3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐Non-Hazard ☐Flammable ☐Skin Irritant ☐Poison B ☑Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐Return to Client ☐Disposal by Lab ☐Archive for_____ Months

Special Instructions/QC Requirements & Comments:

2.15

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd:_____ Corr'd:_____		Therm ID No.:_____
Relinquished by:	Company: Amec	Date/Time: 2/26/15	Received by:	Company:	Date/Time:
Relinquished by: Paid	Company: SPrect	Date/Time: 2/27/15	Received by:	Company:	Date/Time:
Relinquished by:	Company: SPrect	Date/Time: 2/27/15 1030	Received in Laboratory by:	Company: OSE	Date/Time: 2/27/15 1040

Chain of Custody Record

Onsite Environmental

02-249

Regulatory Program: ☐DW ☐NPDES ☐RCRA ☐Other:

Onsite Labs, Redmond, WA

Client Contact	Project Manager: Tasya Gray (AMEC)	Site Contact: Nathan Moxley	Date: 2/26/15	COC No:
Amec	Tel/Fax:	Lab Contact: Tasya Gray	Carrier:	Page 6 of 15
600 University St., Suite 600	Analysis Turnaround Time			Sampler: Nathan Moxley
Seattle, WA	☐CALENDAR DAYS ☐WORKING DAYS			For Lab Use Only:
206-342-1760	TAT if different from Below _____			Walk-in Client:
	☐ 2 weeks			Lab Sampling:
Project Name: New Core Dev. - Bldg 8 Sub Slab samples	☐ 1 week			
Site: Former Kelly-Moore	☑ 2 days			Job / SDG No.:
P O #: 16110	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Archive	PCBs	Sample Specific Notes:
61 KM-15-B08-48	2/26/2015	1554	grab	Soil	1			X		
62 KM-15-B08-49	2/26/2015	1555	grab	Soil	1			X		
63 KM-15-B08-50	2/26/2015	1556	grab	Soil	1			X		
64 KM-15-B08-51	2/26/2015	1557	grab	Soil	1			X		
65 KM-15-B08-52	2/26/2015	1558	grab	Soil	1			X		
66 KM-15-B08-53	2/26/2015	1559	grab	Soil	1			X		
67 KM-15-B08-54	2/26/2015	1600	grab	Soil	1			X		
68 KM-15-B08-55	2/26/2015	1601	grab	Soil	1			X		
69 KM-15-B08-56	2/26/2015	1602	grab	Soil	1			X		
70 KM-15-B08-57	2/26/2015	1603	grab	Soil	1			X		
71 KM-15-B08-58	2/26/2015	1604	grab	Soil	1			X		
72 KM-15-B08-59	2/26/2015	1605	grab	Soil	1			X		

Preservation Used: 1= Ice, 2= HCl; 3= H_2SO_4; 4=HNO_3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐Non-Hazard ☐Flammable ☐Skin Irritant ☐Poison B ☑Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐Return to Client ☐Disposal by Lab ☐Archive for _____ Months

Special Instructions/QC Requirements & Comments:

2/15

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd: _____ Corr'd: _____		Therm ID No.: _____
Relinquished by:	Company: AMEC	Date/Time: 2/26/15	Received by:	Company:	Date/Time:
Relinquished by:	Company: GPROD-1	Date/Time: 2/27/15	Received by:	Company:	Date/Time:
Relinquished by:	Company: SPEEDY	Date/Time: 1031 2/27/15	Received in Laboratory by:	Company: ONE	Date/Time: 2/27/15 1040

Chain of Custody Record

Onsite Environmental

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

02-249

Onsite Labs, Redmond, WA

Client Contact	Project Manager: Tasya Gray (AMEC)	Site Contact: Nathan Moxley	Date: 2/26/15	COC No:
Amec	Tel/Fax:	Lab Contact: Tasya Gray	Carrier:	Page 2 of 15
600 University St., Suite 600	Analysis Turnaround Time			Sampler: Nathan Moxley
Seattle, WA	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
206-342-1760	TAT if different from Below _____			Walk-in Client:
	☐ 2 weeks			Lab Sampling:
Project Name: New Core Dev. - Bldg 8 Sub Slab samples	☐ 1 week			
Site: Former Kelly-Moore	☑ 2 days			Job / SDG No.:
P O #: 16110	☐ 1 day			

	Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Archive	PCBs	Sample Specific Notes:
73	KM-15-B08-60	2/26/2015	1606	grab	Soil	1			X		
74	KM-15-B08-61	2/26/2015	1607	grab	Soil	1			X		
75	KM-15-B08-62	2/26/2015	1608	grab	Soil	1			X		
76	KM-15-B08-63	2/26/2015	1609	grab	Soil	1			X		
77	KM-15-B08-64	2/26/2015	1610	grab	Soil	1			X		
78	KM-15-B08-65	2/26/2015	1611	grab	Soil	1			X		
79	KM-15-B08-66	2/26/2015	1612	grab	Soil	1			X		
80	KM-15-B08-67	2/26/2015	1613	grab	Soil	1			X		
81	KM-15-B08-68	2/26/2015	1614	grab	Soil	1			X		
82	KM-15-B08-69	2/26/2015	1615	grab	Soil	1			X		
83	KM-15-B08-70	2/26/2015	1616	grab	Soil	1			X		
84	KM-15-B08-71	2/26/2015	1617	grab	Soil	1			X		

Preservation Used: 1= Ice, 2= HCl; 3= H_2SO_4; 4=HNO_3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☑ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

2/15

Custody Seals Intact: ☐ Yes ☐ No.	Custody Seal No.:		Cooler Temp. (°C): Obs'd: _____ Corr'd: _____		Therm ID No.: _____
Relinquished by:	Company: AMEC	Date/Time: 2/26/15	Received by:	Company:	Date/Time:
Relinquished by:	Company: FEDEX	Date/Time: 2/27/15	Received by:	Company:	Date/Time:
Relinquished by:	Company: SPEEDY	Date/Time: 2/27/15	Received in Laboratory by:	Company: ONE	Date/Time: 2/27/15 1040

Form No. CA-C-WI-002, Rev. 4.3, dated 12/05/2013

Chain of Custody Record

Onsite Environmental

02-249

Regulatory Program: ☐DW ☐NPDES ☐RCRA ☐Other:

Onsite Labs, Redmond, WA

Client Contact	Project Manager: Tasya Gray (AMEC)	Site Contact: Nathan Moxley	Date: 2/26/15	COC No:
Amec	Tel/Fax:	Lab Contact: Tasya Gray	Carrier:	Page 8 of 15
600 University St., Suite 600	Analysis Turnaround Time			Sampler: Nathan Moxley
Seattle, WA	☐CALENDAR DAYS ☐WORKING DAYS			For Lab Use Only:
206-342-1760	TAT if different from Below _____			Walk-In Client:
	☐ 2 weeks			Lab Sampling:
Project Name: New Core Dev. - Bldg 8 Sub Slab samples	☐ 1 week			Job / SDG No.:
Site: Former Kelly-Moore	☑ 2 days			
P O #: 16110	☐ 1 day			

	Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Archive	PCBs	Sample Specific Notes:
85	KM-15-B08-72	2/26/2015	1618	grab	Soil	1			X		
86	KM-15-B08-73	2/26/2015	1619	grab	Soil	1			X		
87	KM-15-B08-74	2/26/2015	1620	grab	Soil	1			X		
88	KM-15-B08-75	2/26/2015	1621	grab	Soil	1			X		
89	KM-15-B08-76	2/26/2015	1622	grab	Soil	1			X		
90	KM-15-B08-77	2/26/2015	1623	grab	Soil	1			X		
91	KM-15-B08-78	2/26/2015	1624	grab	Soil	1			X		
92	KM-15-B08-79	2/26/2015	1625	grab	Soil	1			X		
93	KM-15-B08-80	2/26/2015	1626	grab	Soil	1			X		
94	KM-15-B08-81	2/26/2015	1627	grab	Soil	1			X		
95	KM-15-B08-82	2/26/2015	1628	grab	Soil	1			X		
96	KM-15-B08-83	2/26/2015	1629	grab	Soil	1			X		

Preservation Used: 1= Ice, 2= HCl; 3= H_2SO_4; 4=HNO_3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐Non-Hazard ☐Flammable ☐Skin Irritant ☐Poison B ☑Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐Return to Client ☐Disposal by Lab ☐Archive for_____ Months

Special Instructions/QC Requirements & Comments:

2.15

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd:_____ Corr'd:_____		Therm ID No.:_____
Relinquished by:	Company: Amec	Date/Time: 2/26/15	Received by:	Company:	Date/Time:
Relinquished by:	Company: SPoon	Date/Time: 2/27/15	Received by:	Company:	Date/Time:
Relinquished by:	Company: SPoon	Date/Time: 2/27/15	Received in Laboratory by:	Company: OSE	Date/Time: 2/27/15 1040

Chain of Custody Record

Onsite Environmental

02-249

Regulatory Program: ☐DW ☐NPDES ☐RCRA ☐Other:

Onsite Labs, Redmond, WA

Client Contact	Project Manager: Tasya Gray (AMEC)	Site Contact: Nathan Moxley	Date: 2/26/15	COC No:
Amec	Tel/Fax:	Lab Contact: Tasya Gray	Carrier:	Page 3 of 15
600 University St., Suite 600	Analysis Turnaround Time			Sampler: Nathan Moxley
Seattle, WA	☐CALENDAR DAYS ☐WORKING DAYS			For Lab Use Only:
206-342-1760	TAT if different from Below _____			Walk-in Client:
	☐ 2 weeks			Lab Sampling:
Project Name: New Core Dev. - Bldg 8 Sub Slab samples	☐ 1 week			
Site: Former Kelly-Moore	☑ 2 days			Job / SDG No.:
P O #: 16110	☐ 1 day			

	Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Archive	PCBs	o/o moisture	Sample Specific Notes:
97	KM-15-B08-84	2/26/2015	1630	grab	Soil	1			X			
98	KM-15-B08-85	2/26/2015	1631	grab	Soil	1			X			
99	KM-15-B08-86	2/26/2015	1632	grab	Soil	1			X			
100	KM-15-B08-87	2/26/2015	1633	grab	Soil	1			X			
101	KM-15-B08-88	2/26/2015	1634	grab	Soil	1			X			
102	KM-15-B08-89	2/26/2015	1635	grab	Soil	1			X			
103	KM-15-B08-90	2/26/2015	1636	grab	Soil	1			X			
104	KM-15-B08-91	2/26/2015	1637	grab	Soil	1			X	X	X	
105	KM-15-B08-92	2/26/2015	1638	grab	Soil	1			X			
106	KM-15-B08-93	2/26/2015	1639	grab	Soil	1			X			
107	KM-15-B08-94	2/26/2015	1640	grab	Soil	1			X			
108	KM-15-B08-95	2/26/2015	1641	grab	Soil	1			X			

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐Non-Hazard ☐Flammable ☐Skin Irritant ☐Poison B ☑Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐Return to Client ☐Disposal by Lab ☐Archive for_____ Months

Special Instructions/QC Requirements & Comments:

2115

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd:_____ Corr'd:_____		Therm ID No.:_____
Relinquished by:	Company: Amec	Date/Time: 2/26/15	Received by:	Company:	Date/Time:
Relinquished by: Reed	Company: SPanoDT	Date/Time: 2/27/15	Received by:	Company:	Date/Time:
Relinquished by:	Company: SPanoDT	Date/Time: 2/27/15	Received in Laboratory by:	Company: ONE	Date/Time: 2/27/15 1040

Form No. CA-C-WI-002, Rev. 4.3, dated 12/05/2013

Chain of Custody Record

Onsite Environmental

02-249

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Onsite Labs, Redmond, WA

Client Contact	Project Manager: Tasya Gray (AMEC)	Site Contact: Nathan Moxley	Date: 2/26/15	COC No:
Amec	Tel/Fax:	Lab Contact: Tasya Gray	Carrier:	Page 10 of 15
600 University St., Suite 600	Analysis Turnaround Time			Sampler: Nathan Moxley
Seattle, WA	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
206-342-1760	TAT if different from Below _____			Walk-in Client:
	☐ 2 weeks			Lab Sampling:
Project Name: New Core Dev. - Bldg 8 Sub Slab samples	☐ 1 week			Job / SDG No.:
Site: Former Kelly-Moore	☑ 2 days			
P O #: 16110	☐ 1 day			

	Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Archive	PCBs	Sample Specific Notes:
109	KM-15-B08-96	2/26/2015	1642	grab	Soil	1			X		
110	KM-15-B08-97	2/26/2015	1643	grab	Soil	1			X		
111	KM-15-B08-98	2/26/2015	1644	grab	Soil	1			X		
112	KM-15-B08-99	2/26/2015	1645	grab	Soil	1			X		
113	KM-15-B08-100	2/26/2015	1646	grab	Soil	1			X		
114	KM-15-B08-101	2/26/2015	1647	grab	Soil	1			X		
115	KM-15-B08-102	2/26/2015	1648	grab	Soil	1			X		
116	KM-15-B08-103	2/26/2015	1649	grab	Soil	1			X		
117	KM-15-B08-104	2/26/2015	1650	grab	Soil	1			X		
118	KM-15-B08-105	2/26/2015	1651	grab	Soil	1			X		
119	KM-15-B08-106	2/26/2015	1652	grab	Soil	1			X		
120	KM-15-B08-107	2/26/2015	1653	grab	Soil	1			X		

Preservation Used: 1= Ice, 2= HCl; 3= H_2SO_4; 4=HNO_3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☑ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

2.15

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd: _____ Corr'd: _____		Therm ID No.: _____
Relinquished by:	Company: Amec	Date/Time: 2/26/15	Received by:	Company:	Date/Time:
Relinquished by:	Company: Spectra	Date/Time: 2/27/15	Received by:	Company:	Date/Time:
Relinquished by:	Company: Spectra	Date/Time: 2/27/15	Received in Laboratory by:	Company: OSE	Date/Time: 2/27/15 1040

Chain of Custody Record

Onsite Environmental

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other: 02-249

Onsite Labs, Redmond, WA

Client Contact	Project Manager: Tasya Gray (AMEC)	Site Contact: Nathan Moxley	Date: 2/26/15	COC No:
Amec	Tel/Fax:	Lab Contact: Tasya Gray	Carrier:	Page 11 of 15
600 University St., Suite 600	Analysis Turnaround Time			Sampler: Nathan Moxley
Seattle, WA	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
206-342-1760	TAT if different from Below _____			Walk-in Client:
	☐ 2 weeks			Lab Sampling:
Project Name: New Core Dev. - Bldg 8 Sub Slab samples	☐ 1 week			
Site: Former Kelly-Moore	☑ 2 days			Job / SDG No.:
P O #: 16110	☐ 1 day			

Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Archive	PCBs	Sample Specific Notes:
121	KM-15-B08-108	2/26/2015	1654	grab	Soil	1			X		
122	KM-15-B08-109	2/26/2015	1655	grab	Soil	1			X		
123	KM-15-B08-110	2/26/2015	1656	grab	Soil	1			X		
124	KM-15-B08-111	2/26/2015	1657	grab	Soil	1			X		
125	KM-15-B08-112	2/26/2015	1658	grab	Soil	1			X		
126	KM-15-B08-113	2/26/2015	1659	grab	Soil	1			X		
127	KM-15-B08-114	2/26/2015	1700	grab	Soil	1			X		
128	KM-15-B08-115	2/26/2015	1701	grab	Soil	1			X		
129	KM-15-B08-116	2/26/2015	1702	grab	Soil	1			X		
130	KM-15-B08-117	2/26/2015	1703	grab	Soil	1			X		
131	KM-15-B08-118	2/26/2015	1704	grab	Soil	1			X		
132	KM-15-B08-119	2/26/2015	1705	grab	Soil	1			X		

Preservation Used: 1= Ice, 2= HCl; 3= H_2SO_4; 4=HNO_3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☑ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

2115

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd: _____ Corr'd: _____		Therm ID No.: _____
Relinquished by:	Company: Amec	Date/Time: 2/26/15	Received by:	Company:	Date/Time:
Relinquished by: Reid	Company: SPECT	Date/Time: 2/27/15	Received by:	Company:	Date/Time:
Relinquished by:	Company: SPECT	Date/Time: 2/27/15	Received in Laboratory by:	Company: OSE	Date/Time: 2/27/15 1040

Chain of Custody Record

Onsite Environmental

02-249

Regulatory Program: ☐DW ☐NPDES ☐RCRA ☐Other:

Onsite Labs, Redmond, WA

Client Contact	Project Manager: Tasya Gray (AMEC)	Site Contact: Nathan Moxley	Date: 2/26/15	COC No:
Amec	Tel/Fax:	Lab Contact: Tasya Gray	Carrier:	Page 12 of 15
600 University St., Suite 600	Analysis Turnaround Time			Sampler: Nathan Moxley
Seattle, WA	☐CALENDAR DAYS ☐WORKING DAYS			For Lab Use Only:
206-342-1760	TAT if different from Below _____			Walk-in Client:
	☐ 2 weeks			Lab Sampling:
Project Name: New Core Dev. - Bldg 8 Sub Slab samples	☐ 1 week			
Site: Former Kelly-Moore	☑ 2 days			Job / SDG No.:
P O #: 16110	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Archive	PCBs	Sample Specific Notes:
133 KM-15-B08-120	2/26/2015	1706	grab	Soil	1			X		
134 KM-15-B08-121	2/26/2015	1707	grab	Soil	1			X		
135 KM-15-B08-122	2/26/2015	1708	grab	Soil	1			X		
136 KM-15-B08-123	2/26/2015	1709	grab	Soil	1			X		
137 KM-15-B08-124	2/26/2015	1710	grab	Soil	1			X		
138 KM-15-B08-125	2/26/2015	1711	grab	Soil	1			X		
139 KM-15-B08-126	2/26/2015	1712	grab	Soil	1			X		
140 KM-15-B08-127	2/26/2015	1713	grab	Soil	1			X		
141 KM-15-B08-128	2/26/2015	1714	grab	Soil	1			X		
142 KM-15-B08-129	2/26/2015	1715	grab	Soil	1			X		
143 KM-15-B08-130	2/26/2015	1716	grab	Soil	1			X		
144 KM-15-B08-131	2/26/2015	1717	grab	Soil	1			X		

Preservation Used: 1= Ice, 2= HCl; 3= H_2SO_4; 4=HNO_3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐Non-Hazard ☐Flammable ☐Skin Irritant ☐Poison B ☑Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐Return to Client ☐Disposal by Lab ☐Archive for _____ Months

Special Instructions/QC Requirements & Comments:

2115

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd: _____ Corr'd: _____ Therm ID No.: _____		
Relinquished by:	Company: Amec	Date/Time: 2/26/15	Received by:	Company:	Date/Time:
Relinquished by:	Company: GPcorp	Date/Time: 2/27/15	Received by:	Company:	Date/Time:
Relinquished by:	Company: GPcorp	Date/Time: 2/27/15	Received in Laboratory by:	Company: OSC	Date/Time: 2/27/15 1040

Form No. CA-C-WI-002, Rev. 4.3, dated 12/05/2013

Chain of Custody Record

Onsite Environmental

Regulatory Program: ☐DW ☐NPDES ☐RCRA ☐Other:

02-249

Onsite Labs, Redmond, WA

Client Contact	Project Manager: Tasya Gray (AMEC)	Site Contact: Nathan Moxley	Date: 2/26/15	COC No:
Amec	Tel/Fax:	Lab Contact: Tasya Gray	Carrier:	Page 13 of 15
600 University St., Suite 600	Analysis Turnaround Time			Sampler: Nathan Moxley
Seattle, WA	☐CALENDAR DAYS ☐WORKING DAYS			For Lab Use Only:
206-342-1760	TAT if different from Below _____			Walk-in Client:
	☐ 2 weeks			Lab Sampling:
Project Name: New Core Dev. - Bldg 8 Sub Slab samples	☐ 1 week			
Site: Former Kelly-Moore	☑ 2 days			Job / SDG No.:
P O #: 16110	☐ 1 day			

	Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Archive	PCBs	8260 Soil/Solid	Sample Specific Notes:
145	KM-15-B08-132	2/26/2015	1716	grab	Soil	1			X			
146	KM-15-B08-133	2/26/2015	1719	grab	Soil	1			X			
147	KM-15-B08-134	2/26/2015	1720	grab	Soil	1			X			
148	KM-15-B08-135	2/26/2015	1721	grab	Soil	1			X			
149	KM-15-B08-Comp-1	2/26/2015	1722	grab	Soil	1				X	X	
150	KM-15-B08-Comp-2	2/26/2015	1723	grab	Soil	1				X		
151	KM-15-B08-Comp-3	2/26/2015	1724	grab	Soil	1				X		
152	KM-15-B08-Comp-4	2/26/2015	1725	grab	Soil	1				X		
153	KM-15-B08-Comp-5	2/26/2015	1726	grab	Soil	1				X		
154	KM-15-B08-Comp-6	2/26/2015	1727	grab	Soil	1				X		
155	KM-15-B08-Comp-7	2/26/2015	1728	grab	Soil	1				X		
156	KM-15-B08-Comp-8	2/26/2015	1729	grab	Soil	1				X		

Preservation Used: 1= Ice, 2= HCl; 3= H_2SO_4; 4=HNO_3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐Non-Hazard ☐Flammable ☐Skin Irritant ☐Poison B ☑Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐Return to Client ☐Disposal by Lab ☐Archive for _____ Months

Special Instructions/QC Requirements & Comments:

215

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd: _____ Corr'd: _____ | Therm ID No.: _____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
	Amec	2/26/15			
Relinquished by: Reid	Company: SP-Corp-Y	Date/Time: 2/27/15	Received by:	Company:	Date/Time:
Relinquished by:	Company: SP-Corp-Y	Date/Time: 2/27/15	Received in Laboratory by:	Company: OSE	Date/Time: 2.27.15 1040

Form No. CA-C-WI-002, Rev. 4.3, dated 12/05/2013

Chain of Custody Record

Onsite Environmental

Regulatory Program: ☐DW ☐NPDES ☐RCRA ☐Other: 02-249

Onsite Labs, Redmond, WA

Client Contact	Project Manager: Tasya Gray (AMEC)	Site Contact: Nathan Moxley	Date: 2/26/15	COC No:
Amec	Tel/Fax:	Lab Contact: Tasya Gray	Carrier:	Page 14 of 15
600 University St., Suite 600	Analysis Turnaround Time			Sampler: Nathan Moxley
Seattle, WA	☐CALENDAR DAYS ☐WORKING DAYS			For Lab Use Only:
206-342-1760	TAT if different from Below _____			Walk-in Client:
	☐ 2 weeks			Lab Sampling:
Project Name: New Core Dev. - Bldg 8 Sub Slab samples	☐ 1 week			
Site: Former Kelly-Moore	☑ 2 days			Job / SDG No.:
P O #: 16110	☐ 1 day			

	Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Archive	PCBs	96 Moisture	Sample Specific Notes:
157	KM-15-B08-Comp-9	2/26/2015	1730	grab	Soil	1				X		
158	KM-15-B08-Comp-10	2/26/2015	1731	grab	Soil	1				X		
159	KM-15-B08-Comp-11	2/26/2015	1732	grab	Soil	1				X		
160	KM-15-B08-Comp-12	2/26/2015	1733	grab	Soil	1				X		
161	KM-15-B08-Comp-13	2/26/2015	1734	grab	Soil	1				X		
162	KM-15-B08-Comp-14	2/26/2015	1735	grab	Soil	1				X		
163	KM-15-B08-Comp-15	2/26/2015	1736	grab	Soil	1				X		
164	KM-15-B08-Comp-16	2/26/2015	1737	grab	Soil	1				X		
165	KM-15-B08-Comp-17	2/26/2015	1738	grab	Soil	1				X		
166	KM-15-B08-Comp-18	2/26/2015	1739	grab	Soil	1				X		
167	KM-15-B08-Comp-19	2/26/2015	1740	grab	Soil	1				X		
168	KM-15-B08-Comp-20	2/26/2015	1741	grab	Soil	1				X		

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐Non-Hazard ☐Flammable ☐Skin Irritant ☐Poison B ☑Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐Return to Client ☐Disposal by Lab ☐Archive for _____ Months

Special Instructions/QC Requirements & Comments:

2115

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd: _____ Corr'd: _____		Therm ID No.: _____
Relinquished by:	Company: Amec	Date/Time: 2/26/15	Received by:	Company:	Date/Time:
Relinquished by:	Company: SP Env	Date/Time: 2/27/15	Received by:	Company:	Date/Time:
Relinquished by:	Company: SP Env	Date/Time: 2/27/15	Received in Laboratory by:	Company: OSE	Date/Time: 2/27/15 1040

Form No. CA-C-WI-002, Rev. 4.3, dated 12/05/2013

Chain of Custody Record

Onsite Environmental

02-249

Regulatory Program: ☐DW ☐NPDES ☐RCRA ☐Other:

Onsite Labs, Redmond, WA

Client Contact	Project Manager: Tasya Gray (AMEC)	Site Contact: Nathan Moxley	Date: 2/26/15	COC No:
Amec	Tel/Fax:	Lab Contact: Tasya Gray	Carrier:	Page 15 of 15
600 University St., Suite 600	Analysis Turnaround Time			Sampler: Nathan Moxley
Seattle, WA	☐CALENDAR DAYS ☐WORKING DAYS			For Lab Use Only:
206-342-1760	TAT if different from Below _____			Walk-in Client:
	☐ 2 weeks			Lab Sampling:
Project Name: New Core Dev. - Bldg 8 Sub Slab samples	☐ 1 week			
Site: Former Kelly-Moore	☑ 2 days			Job / SDG No.:
P O #: 16110	☐ 1 day			

	Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Archive	PCBs	2 months	Sample Specific Notes:
169	KM-15-B08-Comp-21	2/26/2015	1742	grab	Soil	1				X		
170	KM-15-B08-Comp-22	2/26/2015	1743	grab	Soil	1				X		
171	KM-15-B08-Comp-23	2/26/2015	1744	grab	Soil	1				X		
172	KM-15-B08-Comp-24	2/26/2015	1745	grab	Soil	1				X		

Preservation Used: 1= Ice, 2= HCl; 3= H_2SO_4; 4=HNO_3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐Non-Hazard ☐Flammable ☐Skin Irritant ☐Poison B ☑Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐Return to Client ☐Disposal by Lab ☐Archive for_____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd:_____ Corr'd:_____		Therm ID No.:_____
Relinquished by:	Company: Amec	Date/Time: 2/26/15	Received by:	Company:	Date/Time:
Relinquished by: Reid	Company: GP & PT	Date/Time: 2/27/15	Received by:	Company:	Date/Time:
Relinquished by:	Company: GP & PT	Date/Time: 2/27/15	Received in Laboratory by:	Company: OSC	Date/Time: 2/27/15 1040

Form No. CA-C-WI-002, Rev. 4.3, dated 12/05/2013

OnSite Environmental Inc.

14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

March 12, 2015

Tasya Gray
AMEC Environment and Infrastructure, Inc.
One Union Square
600 University Street, Suite 600
Seattle, WA 98101

Re: Analytical Data for Project NCD-B8 Sub Slab samples, round 2; 16110
Laboratory Reference No. 1503-068

Dear Tasya:

Enclosed are the analytical results and associated quality control data for samples submitted on March 9, 2015.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

David Baumeister
Project Manager

Enclosures

Date of Report: March 12, 2015
Samples Submitted: March 9, 2015
Laboratory Reference: 1503-068
Project: NCD-B8 Sub Slab samples, round 2; 16110

Case Narrative

Samples were collected on March 5, 6, and 9, 2015 and received by the laboratory on March 9, 2015. They were maintained at the laboratory at a temperature of 2^{o}C to 6^{o}C.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

Date of Report: March 12, 2015
Samples Submitted: March 9, 2015
Laboratory Reference: 1503-068
Project: NCD-B8 Sub Slab samples, round 2; 16110

PCBs
EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-15-B08-comp30**					
Laboratory ID:	03-068-47					
Aroclor 1016	**ND**	0.052	EPA 8082A	3-10-15	3-10-15	
Aroclor 1221	**ND**	0.052	EPA 8082A	3-10-15	3-10-15	
Aroclor 1232	**ND**	0.052	EPA 8082A	3-10-15	3-10-15	
Aroclor 1242	**ND**	0.052	EPA 8082A	3-10-15	3-10-15	
Aroclor 1248	**ND**	0.052	EPA 8082A	3-10-15	3-10-15	
Aroclor 1254	**ND**	0.052	EPA 8082A	3-10-15	3-10-15	
Aroclor 1260	**0.79**	0.052	EPA 8082A	3-10-15	3-10-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*104*	*55-140*				
Client ID:	**KM-15-B08-comp31**					
Laboratory ID:	03-068-48					
Aroclor 1016	**ND**	0.058	EPA 8082A	3-10-15	3-10-15	
Aroclor 1221	**ND**	0.058	EPA 8082A	3-10-15	3-10-15	
Aroclor 1232	**ND**	0.058	EPA 8082A	3-10-15	3-10-15	
Aroclor 1242	**ND**	0.058	EPA 8082A	3-10-15	3-10-15	
Aroclor 1248	**ND**	0.058	EPA 8082A	3-10-15	3-10-15	
Aroclor 1254	**ND**	0.058	EPA 8082A	3-10-15	3-10-15	
Aroclor 1260	**0.92**	0.058	EPA 8082A	3-10-15	3-10-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*102*	*55-140*				
Client ID:	**KM-15-B08-comp32**					
Laboratory ID:	03-068-49					
Aroclor 1016	**ND**	0.073	EPA 8082A	3-10-15	3-10-15	
Aroclor 1221	**ND**	0.073	EPA 8082A	3-10-15	3-10-15	
Aroclor 1232	**ND**	0.073	EPA 8082A	3-10-15	3-10-15	
Aroclor 1242	**ND**	0.073	EPA 8082A	3-10-15	3-10-15	
Aroclor 1248	**ND**	0.073	EPA 8082A	3-10-15	3-10-15	
Aroclor 1254	**ND**	0.073	EPA 8082A	3-10-15	3-10-15	
Aroclor 1260	**1.8**	0.073	EPA 8082A	3-10-15	3-10-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*104*	*55-140*				

Date of Report: March 12, 2015
Samples Submitted: March 9, 2015
Laboratory Reference: 1503-068
Project: NCD-B8 Sub Slab samples, round 2; 16110

PCBs
EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-15-B08-comp33**					
Laboratory ID:	03-068-50					
Aroclor 1016	**ND**	0.051	EPA 8082A	3-10-15	3-10-15	
Aroclor 1221	**ND**	0.051	EPA 8082A	3-10-15	3-10-15	
Aroclor 1232	**ND**	0.051	EPA 8082A	3-10-15	3-10-15	
Aroclor 1242	**ND**	0.051	EPA 8082A	3-10-15	3-10-15	
Aroclor 1248	**ND**	0.051	EPA 8082A	3-10-15	3-10-15	
Aroclor 1254	**ND**	0.051	EPA 8082A	3-10-15	3-10-15	
Aroclor 1260	**0.17**	0.051	EPA 8082A	3-10-15	3-10-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*89*	*55-140*				
Client ID:	**KM-15-B08-comp34**					
Laboratory ID:	03-068-51					
Aroclor 1016	**ND**	0.052	EPA 8082A	3-10-15	3-10-15	
Aroclor 1221	**ND**	0.052	EPA 8082A	3-10-15	3-10-15	
Aroclor 1232	**ND**	0.052	EPA 8082A	3-10-15	3-10-15	
Aroclor 1242	**ND**	0.052	EPA 8082A	3-10-15	3-10-15	
Aroclor 1248	**ND**	0.052	EPA 8082A	3-10-15	3-10-15	
Aroclor 1254	**ND**	0.052	EPA 8082A	3-10-15	3-10-15	
Aroclor 1260	**0.60**	0.052	EPA 8082A	3-10-15	3-10-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*89*	*55-140*				
Client ID:	**KM-15-B08-comp35**					
Laboratory ID:	03-068-52					
Aroclor 1016	**ND**	0.052	EPA 8082A	3-10-15	3-10-15	
Aroclor 1221	**ND**	0.052	EPA 8082A	3-10-15	3-10-15	
Aroclor 1232	**ND**	0.052	EPA 8082A	3-10-15	3-10-15	
Aroclor 1242	**ND**	0.052	EPA 8082A	3-10-15	3-10-15	
Aroclor 1248	**ND**	0.052	EPA 8082A	3-10-15	3-10-15	
Aroclor 1254	**ND**	0.052	EPA 8082A	3-10-15	3-10-15	
Aroclor 1260	**0.16**	0.052	EPA 8082A	3-10-15	3-10-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*104*	*55-140*				

Date of Report: March 12, 2015
Samples Submitted: March 9, 2015
Laboratory Reference: 1503-068
Project: NCD-B8 Sub Slab samples, round 2; 16110

PCBs
EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-15-B08-comp36**					
Laboratory ID:	03-068-53					
Aroclor 1016	**ND**	0.066	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1221	**ND**	0.066	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1232	**ND**	0.066	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1242	**ND**	0.066	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1248	**ND**	0.066	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1254	**ND**	0.066	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1260	**0.54**	0.066	EPA 8082A	3-10-15	3-11-15	X
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*95*	*55-140*				
Client ID:	**KM-15-B08-comp37**					
Laboratory ID:	03-068-54					
Aroclor 1016	**ND**	0.065	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1221	**ND**	0.065	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1232	**ND**	0.065	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1242	**ND**	0.065	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1248	**ND**	0.065	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1254	**ND**	0.065	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1260	**0.10**	0.065	EPA 8082A	3-10-15	3-11-15	X
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*99*	*55-140*				
Client ID:	**KM-15-B08-comp41**					
Laboratory ID:	03-068-68					
Aroclor 1016	**ND**	1.2	EPA 8082A	3-10-15	3-11-15	
Aroclor 1221	**ND**	1.2	EPA 8082A	3-10-15	3-11-15	
Aroclor 1232	**ND**	1.2	EPA 8082A	3-10-15	3-11-15	
Aroclor 1242	**ND**	1.2	EPA 8082A	3-10-15	3-11-15	
Aroclor 1248	**ND**	1.2	EPA 8082A	3-10-15	3-11-15	
Aroclor 1254	**ND**	1.2	EPA 8082A	3-10-15	3-11-15	
Aroclor 1260	**8.1**	1.2	EPA 8082A	3-10-15	3-11-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*---*	*55-140*				S

Date of Report: March 12, 2015
Samples Submitted: March 9, 2015
Laboratory Reference: 1503-068
Project: NCD-B8 Sub Slab samples, round 2; 16110

PCBs
EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-15-B08-comp40**					
Laboratory ID:	03-068-69					
Aroclor 1016	**ND**	0.061	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1221	**ND**	0.061	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1232	**ND**	0.061	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1242	**ND**	0.061	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1248	**ND**	0.061	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1254	**ND**	0.061	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1260	**1.8**	0.061	EPA 8082A	3-10-15	3-11-15	X
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*103*	*55-140*				
Client ID:	**KM-15-B08-comp39**					
Laboratory ID:	03-068-70					
Aroclor 1016	**ND**	0.062	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1221	**ND**	0.062	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1232	**ND**	0.062	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1242	**ND**	0.062	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1248	**ND**	0.062	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1254	**ND**	0.062	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1260	**1.7**	0.062	EPA 8082A	3-10-15	3-11-15	X
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*103*	*55-140*				
Client ID:	**KM-15-B08-comp38**					
Laboratory ID:	03-068-71					
Aroclor 1016	**ND**	0.064	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1221	**ND**	0.064	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1232	**ND**	0.064	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1242	**ND**	0.064	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1248	**ND**	0.064	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1254	**ND**	0.064	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1260	**0.14**	0.064	EPA 8082A	3-10-15	3-11-15	X
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*93*	*55-140*				

Date of Report: March 12, 2015
Samples Submitted: March 9, 2015
Laboratory Reference: 1503-068
Project: NCD-B8 Sub Slab samples, round 2; 16110

PCBs
EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-15-B08-comp42**					
Laboratory ID:	03-068-95					
Aroclor 1016	**ND**	0.053	EPA 8082A	3-10-15	3-10-15	
Aroclor 1221	**ND**	0.053	EPA 8082A	3-10-15	3-10-15	
Aroclor 1232	**ND**	0.053	EPA 8082A	3-10-15	3-10-15	
Aroclor 1242	**ND**	0.053	EPA 8082A	3-10-15	3-10-15	
Aroclor 1248	**ND**	0.053	EPA 8082A	3-10-15	3-10-15	
Aroclor 1254	**ND**	0.053	EPA 8082A	3-10-15	3-10-15	
Aroclor 1260	**0.73**	0.053	EPA 8082A	3-10-15	3-10-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*101*	*55-140*				
Client ID:	**KM-15-B08-comp43**					
Laboratory ID:	03-068-96					
Aroclor 1016	**ND**	0.061	EPA 8082A	3-10-15	3-10-15	
Aroclor 1221	**ND**	0.061	EPA 8082A	3-10-15	3-10-15	
Aroclor 1232	**ND**	0.061	EPA 8082A	3-10-15	3-10-15	
Aroclor 1242	**ND**	0.061	EPA 8082A	3-10-15	3-10-15	
Aroclor 1248	**ND**	0.061	EPA 8082A	3-10-15	3-10-15	
Aroclor 1254	**ND**	0.061	EPA 8082A	3-10-15	3-10-15	
Aroclor 1260	**0.38**	0.061	EPA 8082A	3-10-15	3-10-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*87*	*55-140*				
Client ID:	**KM-15-B08-comp44**					
Laboratory ID:	03-068-97					
Aroclor 1016	**ND**	0.053	EPA 8082A	3-10-15	3-10-15	
Aroclor 1221	**ND**	0.053	EPA 8082A	3-10-15	3-10-15	
Aroclor 1232	**ND**	0.053	EPA 8082A	3-10-15	3-10-15	
Aroclor 1242	**ND**	0.053	EPA 8082A	3-10-15	3-10-15	
Aroclor 1248	**ND**	0.053	EPA 8082A	3-10-15	3-10-15	
Aroclor 1254	**ND**	0.053	EPA 8082A	3-10-15	3-10-15	
Aroclor 1260	**0.57**	0.053	EPA 8082A	3-10-15	3-10-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*103*	*55-140*				

Date of Report: March 12, 2015
Samples Submitted: March 9, 2015
Laboratory Reference: 1503-068
Project: NCD-B8 Sub Slab samples, round 2; 16110

PCBs
EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-15-B08-comp45**					
Laboratory ID:	03-068-98					
Aroclor 1016	**ND**	0.052	EPA 8082A	3-10-15	3-10-15	
Aroclor 1221	**ND**	0.052	EPA 8082A	3-10-15	3-10-15	
Aroclor 1232	**ND**	0.052	EPA 8082A	3-10-15	3-10-15	
Aroclor 1242	**ND**	0.052	EPA 8082A	3-10-15	3-10-15	
Aroclor 1248	**ND**	0.052	EPA 8082A	3-10-15	3-10-15	
Aroclor 1254	**ND**	0.052	EPA 8082A	3-10-15	3-10-15	
Aroclor 1260	**0.12**	0.052	EPA 8082A	3-10-15	3-10-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*93*	*55-140*				
Client ID:	**KM-15-B08-comp46**					
Laboratory ID:	03-068-99					
Aroclor 1016	**ND**	0.053	EPA 8082A	3-10-15	3-10-15	
Aroclor 1221	**ND**	0.053	EPA 8082A	3-10-15	3-10-15	
Aroclor 1232	**ND**	0.053	EPA 8082A	3-10-15	3-10-15	
Aroclor 1242	**ND**	0.053	EPA 8082A	3-10-15	3-10-15	
Aroclor 1248	**ND**	0.053	EPA 8082A	3-10-15	3-10-15	
Aroclor 1254	**ND**	0.053	EPA 8082A	3-10-15	3-10-15	
Aroclor 1260	**0.17**	0.053	EPA 8082A	3-10-15	3-10-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*95*	*55-140*				
Client ID:	**KM-15-B08-comp47**					
Laboratory ID:	03-068-121					
Aroclor 1016	**ND**	0.065	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1221	**ND**	0.065	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1232	**ND**	0.065	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1242	**ND**	0.065	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1248	**ND**	0.065	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1254	**ND**	0.065	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1260	**ND**	0.065	EPA 8082A	3-10-15	3-11-15	X
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*92*	*55-140*				

Date of Report: March 12, 2015
Samples Submitted: March 9, 2015
Laboratory Reference: 1503-068
Project: NCD-B8 Sub Slab samples, round 2; 16110

PCBs
EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-15-B08-comp48**					
Laboratory ID:	03-068-122					
Aroclor 1016	**ND**	0.065	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1221	**ND**	0.065	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1232	**ND**	0.065	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1242	**ND**	0.065	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1248	**ND**	0.065	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1254	**ND**	0.065	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1260	**0.065**	0.065	EPA 8082A	3-10-15	3-11-15	X
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*86*	*55-140*				
Client ID:	**KM-15-B08-comp49**					
Laboratory ID:	03-068-123					
Aroclor 1016	**ND**	0.067	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1221	**ND**	0.067	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1232	**ND**	0.067	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1242	**ND**	0.067	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1248	**ND**	0.067	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1254	**ND**	0.067	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1260	**0.077**	0.067	EPA 8082A	3-10-15	3-11-15	X
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*84*	*55-140*				
Client ID:	**KM-15-B08-comp50**					
Laboratory ID:	03-068-124					
Aroclor 1016	**ND**	0.072	EPA 8082A	3-10-15	1-0-00	X
Aroclor 1221	**ND**	0.072	EPA 8082A	3-10-15	1-0-00	X
Aroclor 1232	**ND**	0.072	EPA 8082A	3-10-15	1-0-00	X
Aroclor 1242	**ND**	0.072	EPA 8082A	3-10-15	1-0-00	X
Aroclor 1248	**ND**	0.072	EPA 8082A	3-10-15	1-0-00	X
Aroclor 1254	**ND**	0.072	EPA 8082A	3-10-15	1-0-00	X
Aroclor 1260	**ND**	0.072	EPA 8082A	3-10-15	1-0-00	X
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*90*	*55-140*				

Date of Report: March 12, 2015
Samples Submitted: March 9, 2015
Laboratory Reference: 1503-068
Project: NCD-B8 Sub Slab samples, round 2; 16110

PCBs
EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-15-B08-comp51**					
Laboratory ID:	03-068-125					
Aroclor 1016	**ND**	0.055	EPA 8082A	3-10-15	3-10-15	
Aroclor 1221	**ND**	0.055	EPA 8082A	3-10-15	3-10-15	
Aroclor 1232	**ND**	0.055	EPA 8082A	3-10-15	3-10-15	
Aroclor 1242	**ND**	0.055	EPA 8082A	3-10-15	3-10-15	
Aroclor 1248	**ND**	0.055	EPA 8082A	3-10-15	3-10-15	
Aroclor 1254	**ND**	0.055	EPA 8082A	3-10-15	3-10-15	
Aroclor 1260	**0.34**	0.055	EPA 8082A	3-10-15	3-10-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*101*	*55-140*				
Client ID:	**KM-15-B08-comp52**					
Laboratory ID:	03-068-126					
Aroclor 1016	**ND**	0.053	EPA 8082A	3-10-15	3-11-15	
Aroclor 1221	**ND**	0.053	EPA 8082A	3-10-15	3-11-15	
Aroclor 1232	**ND**	0.053	EPA 8082A	3-10-15	3-11-15	
Aroclor 1242	**ND**	0.053	EPA 8082A	3-10-15	3-11-15	
Aroclor 1248	**ND**	0.053	EPA 8082A	3-10-15	3-11-15	
Aroclor 1254	**ND**	0.053	EPA 8082A	3-10-15	3-11-15	
Aroclor 1260	**0.14**	0.053	EPA 8082A	3-10-15	3-11-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*104*	*55-140*				
Client ID:	**KM-15-B08-comp53**					
Laboratory ID:	03-068-127					
Aroclor 1016	**ND**	0.053	EPA 8082A	3-10-15	3-11-15	
Aroclor 1221	**ND**	0.053	EPA 8082A	3-10-15	3-11-15	
Aroclor 1232	**ND**	0.053	EPA 8082A	3-10-15	3-11-15	
Aroclor 1242	**ND**	0.053	EPA 8082A	3-10-15	3-11-15	
Aroclor 1248	**ND**	0.053	EPA 8082A	3-10-15	3-11-15	
Aroclor 1254	**ND**	0.053	EPA 8082A	3-10-15	3-11-15	
Aroclor 1260	**0.10**	0.053	EPA 8082A	3-10-15	3-11-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*99*	*55-140*				

Date of Report: March 12, 2015
Samples Submitted: March 9, 2015
Laboratory Reference: 1503-068
Project: NCD-B8 Sub Slab samples, round 2; 16110

PCBs
EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-15-B08-comp26**					
Laboratory ID:	03-068-128					
Aroclor 1016	**ND**	0.073	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1221	**ND**	0.073	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1232	**ND**	0.073	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1242	**ND**	0.073	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1248	**ND**	0.073	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1254	**ND**	0.073	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1260	**ND**	0.073	EPA 8082A	3-10-15	3-11-15	X
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*98*	*55-140*				
Client ID:	**KM-15-B08-comp25**					
Laboratory ID:	03-068-130					
Aroclor 1016	**ND**	0.067	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1221	**ND**	0.067	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1232	**ND**	0.067	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1242	**ND**	0.067	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1248	**ND**	0.067	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1254	**ND**	0.067	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1260	**ND**	0.067	EPA 8082A	3-10-15	3-11-15	X
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*104*	*55-140*				
Client ID:	**KM-15-B08-comp27**					
Laboratory ID:	03-068-132					
Aroclor 1016	**ND**	0.065	EPA 8082A	3-10-15	3-11-15	
Aroclor 1221	**ND**	0.065	EPA 8082A	3-10-15	3-11-15	
Aroclor 1232	**ND**	0.065	EPA 8082A	3-10-15	3-11-15	
Aroclor 1242	**ND**	0.065	EPA 8082A	3-10-15	3-11-15	
Aroclor 1248	**ND**	0.065	EPA 8082A	3-10-15	3-11-15	
Aroclor 1254	**ND**	0.065	EPA 8082A	3-10-15	3-11-15	
Aroclor 1260	**0.33**	0.065	EPA 8082A	3-10-15	3-11-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*103*	*55-140*				

Date of Report: March 12, 2015
Samples Submitted: March 9, 2015
Laboratory Reference: 1503-068
Project: NCD-B8 Sub Slab samples, round 2; 16110

PCBs
EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-15-B08-comp28**					
Laboratory ID:	03-068-133					
Aroclor 1016	**ND**	0.062	EPA 8082A	3-10-15	3-11-15	
Aroclor 1221	**ND**	0.062	EPA 8082A	3-10-15	3-11-15	
Aroclor 1232	**ND**	0.062	EPA 8082A	3-10-15	3-11-15	
Aroclor 1242	**ND**	0.062	EPA 8082A	3-10-15	3-11-15	
Aroclor 1248	**ND**	0.062	EPA 8082A	3-10-15	3-11-15	
Aroclor 1254	**ND**	0.062	EPA 8082A	3-10-15	3-11-15	
Aroclor 1260	**0.11**	0.062	EPA 8082A	3-10-15	3-11-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*100*	*55-140*				
Client ID:	**KM-15-B08-comp29**					
Laboratory ID:	03-068-134					
Aroclor 1016	**ND**	0.064	EPA 8082A	3-10-15	3-11-15	
Aroclor 1221	**ND**	0.064	EPA 8082A	3-10-15	3-11-15	
Aroclor 1232	**ND**	0.064	EPA 8082A	3-10-15	3-11-15	
Aroclor 1242	**ND**	0.064	EPA 8082A	3-10-15	3-11-15	
Aroclor 1248	**ND**	0.064	EPA 8082A	3-10-15	3-11-15	
Aroclor 1254	**ND**	0.064	EPA 8082A	3-10-15	3-11-15	
Aroclor 1260	**1.3**	0.064	EPA 8082A	3-10-15	3-11-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*100*	*55-140*				

Date of Report: March 12, 2015
Samples Submitted: March 9, 2015
Laboratory Reference: 1503-068
Project: NCD-B8 Sub Slab samples, round 2; 16110

PCBs EPA 8082A
METHOD BLANK QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0310S1					
Aroclor 1016	**ND**	0.050	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1221	**ND**	0.050	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1232	**ND**	0.050	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1242	**ND**	0.050	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1248	**ND**	0.050	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1254	**ND**	0.050	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1260	**ND**	0.050	EPA 8082A	3-10-15	3-11-15	X
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*103*	*55-140*				
Laboratory ID:	MB0310S1					
Aroclor 1016	**ND**	0.050	EPA 8082A	3-10-15	3-10-15	
Aroclor 1221	**ND**	0.050	EPA 8082A	3-10-15	3-10-15	
Aroclor 1232	**ND**	0.050	EPA 8082A	3-10-15	3-10-15	
Aroclor 1242	**ND**	0.050	EPA 8082A	3-10-15	3-10-15	
Aroclor 1248	**ND**	0.050	EPA 8082A	3-10-15	3-10-15	
Aroclor 1254	**ND**	0.050	EPA 8082A	3-10-15	3-10-15	
Aroclor 1260	**ND**	0.050	EPA 8082A	3-10-15	3-10-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*96*	*55-140*				
Laboratory ID:	MB0310S2					
Aroclor 1016	**ND**	0.050	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1221	**ND**	0.050	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1232	**ND**	0.050	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1242	**ND**	0.050	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1248	**ND**	0.050	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1254	**ND**	0.050	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1260	**ND**	0.050	EPA 8082A	3-10-15	3-11-15	X
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*101*	*55-140*				
Laboratory ID:	MB0310S2					
Aroclor 1016	**ND**	0.050	EPA 8082A	3-10-15	3-10-15	
Aroclor 1221	**ND**	0.050	EPA 8082A	3-10-15	3-10-15	
Aroclor 1232	**ND**	0.050	EPA 8082A	3-10-15	3-10-15	
Aroclor 1242	**ND**	0.050	EPA 8082A	3-10-15	3-10-15	
Aroclor 1248	**ND**	0.050	EPA 8082A	3-10-15	3-10-15	
Aroclor 1254	**ND**	0.050	EPA 8082A	3-10-15	3-10-15	
Aroclor 1260	**ND**	0.050	EPA 8082A	3-10-15	3-10-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*94*	*55-140*				

Date of Report: March 12, 2015
Samples Submitted: March 9, 2015
Laboratory Reference: 1503-068
Project: NCD-B8 Sub Slab samples, round 2; 16110

PCBs EPA 8082A
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS											
Laboratory ID:	SB0310S1										
	SB	SBD	SB	SBD		SB	SBD				
Aroclor 1260	**0.412**	**0.389**	0.500	0.500	N/A	**82**	**78**	64-127	6	11	
Surrogate:											
DCB						*103*	*102*	*55-140*			
Laboratory ID:	SB0310S2										
	SB	SBD	SB	SBD		SB	SBD				
Aroclor 1260	**0.477**	**0.470**	0.500	0.500	N/A	**95**	**94**	64-127	1	11	
Surrogate:											
DCB						*96*	*94*	*55-140*			

Date of Report: March 12, 2015
Samples Submitted: March 9, 2015
Laboratory Reference: 1503-068
Project: NCD-B8 Sub Slab samples, round 2; 16110

% MOISTURE

Date Analyzed: 3-10-15

Client ID	Lab ID	% Moisture
KM-15-B08-comp30	03-068-47	5
KM-15-B08-comp31	03-068-48	13
KM-15-B08-comp32	03-068-49	31
KM-15-B08-comp33	03-068-50	2
KM-15-B08-comp34	03-068-51	5
KM-15-B08-comp35	03-068-52	5
KM-15-B08-comp36	03-068-53	24
KM-15-B08-comp37	03-068-54	23
KM-15-B08-comp41	03-068-68	19
KM-15-B08-comp40	03-068-69	19
KM-15-B08-comp39	03-068-70	19
KM-15-B08-comp38	03-068-71	21
KM-15-B08-comp42	03-068-95	5
KM-15-B08-comp43	03-068-96	19
KM-15-B08-comp44	03-068-97	5
KM-15-B08-comp45	03-068-98	5
KM-15-B08-comp46	03-068-99	5
KM-15-B08-comp47	03-068-121	23
KM-15-B08-comp48	03-068-122	23
KM-15-B08-comp49	03-068-123	26
KM-15-B08-comp50	03-068-124	31
KM-15-B08-comp51	03-068-125	9
KM-15-B08-comp52	03-068-126	5
KM-15-B08-comp53	03-068-127	6
KM-15-B08-comp26	03-068-128	31
KM-15-B08-comp25	03-068-130	25
KM-15-B08-comp27	03-068-132	23
KM-15-B08-comp28	03-068-133	20
KM-15-B08-comp29	03-068-134	22

OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-napthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

X1- Sample extract treated with a Sulfuric acid/Silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in method 8260C, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

Chain of Custody Record

Onsite Environmental

03-068

Regulatory Program: ☐DW ☐NPDES ☐RCRA ☐Other:

Onsite Labs, Redmond, WA

Client Contact	Project Manager: Tasya Gray (AMEC)	Site Contact: Nathan Moxley	3/5/2015	COC No:
Amec	Tel/Fax:	Lab Contact: Tasya Gray	Carrier:	Page 1 of 12
600 University St., Suite 600	Analysis Turnaround Time			Sampler: Nathan Moxley
Seattle, WA	☐CALENDAR DAYS ☐WORKING DAYS			For Lab Use Only:
206-342-1760	TAT if different from Below _____			Walk-in Client:
	☐ 2 weeks			Lab Sampling:
Project Name: NCD - B8 Sub Slab samples, round 2	☐ 1 week			
Site: Former Kelly-Moore	☑ 2 days			Job / SDG No.:
P O #: 16110	☐ 1 day			

| | Sample Identification | Sample Date | Sample Time | Sample Type (C=Comp, G=Grab) | Matrix | # of Cont. | Filtered Sample (Y / N) | Perform MS / MSD (Y / N) | Archive | PCBs | | |

Chain of Custody Record

Onsite Environmental

03-068

Regulatory Program: ☐DW ☐NPDES ☐RCRA ☐Other:

Onsite Labs, Redmond, WA

Client Contact	Project Manager: Tasya Gray (AMEC)	Site Contact: Nathan Moxley	3/5/2015	COC No:
Amec	Tel/Fax:	Lab Contact: Tasya Gray	Carrier:	Page 2 of 12
600 University St., Suite 600	Analysis Turnaround Time			Sampler: Nathan Moxley
Seattle, WA	☐CALENDAR DAYS ☐WORKING DAYS			For Lab Use Only:
206-342-1760	TAT if different from Below			Walk-in Client:
	☐ 2 weeks			Lab Sampling:
Project Name: NCD - B8 Sub Slab samples, round 2	☐ 1 week			
Site: Former Kelly-Moore	☑ 2 days			Job / SDG No.:
P O #: 16110	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Archive	PCBs	90 MOISTURE	Sample Specific Notes:
12 KM-15-B08-147	3/6/2015	0847	Comp	Soil	1			X	X		
13 KM-15-B08-148	3/6/2015	0848	grab	Soil	1			X			
14 KM-15-B08-149	3/6/2015	0849	grab	Soil	1			X			
15 KM-15-B08-150	3/6/2015	0850	grab	Soil	1			X			
16 KM-15-B08-151	3/6/2015	0851	grab	Soil	1			X			
~~KM-15-B08-comp26~~	~~3/6/2015~~	~~0852~~	~~grab~~	Soil	1				X		SB 3/9
~~KM-15-B08-comp27~~	3/6/2015	~~0853~~	~~grab~~	Soil	1				X		SB 3/9
~~KM-15-B08-comp28~~	3/6/2015	~~0854~~	~~grab~~	Soil	1				X		SB 3/9
17 KM-15-B08-1B	3/6/2015	1436	grab	Soil	1			X			
18 KM-15-B08-2B	3/6/2015	1437	grab	Soil	1			X			
19 KM-15-B08-3B	3/6/2015	1438	grab	Soil	1			X			
20 KM-15-B08-4B	3/6/2015	1439	grab	Soil	1			X			

Preservation Used: 1= Ice, 2= HCl; 3= H_2SO_4; 4=HNO_3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐Non-Hazard ☐Flammable ☐Skin Irritant ☐Poison B ☑Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐Return to Client ☐Disposal by Lab ☐Archive for _____ Months

Special Instructions/QC Requirements & Comments:

1400

Custody Seals Intact: ☐Yes ☐No	Custody Seal No.:		Cooler Temp. (°C): Obs'd: _____ Corr'd: _____	Therm ID No.: _____
Relinquished by:	Company: amec	Date/Time: 3/9/15	Received by:	Company: SPECTRA	Date/Time: 3/9/15 2000
Relinquished by:	Company: SPECTRA	Date/Time: 3/9/15	Received by:	Company: OSC	Date/Time: 3/9/15 1436
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.3, dated 12/05/2013

Chain of Custody Record

Onsite Environmental

Regulatory Program: ☐DW ☐NPDES ☐RCRA ☐Other:

03-068

Onsite Labs, Redmond, WA

Client Contact	Project Manager: Tasya Gray (AMEC)	Site Contact: Nathan Moxley	3/5/2015	COC No:
Amec	Tel/Fax:	Lab Contact: Tasya Gray	Carrier:	Page 3 of 12
600 University St., Suite 600	Analysis Turnaround Time			Sampler: Nathan Moxley
Seattle, WA	☐CALENDAR DAYS ☐WORKING DAYS			For Lab Use Only:
206-342-1760	TAT if different from Below			Walk-in Client:
	☐ 2 weeks			Lab Sampling:
Project Name: NCD - B8 Sub Slab samples, round 2	☐ 1 week			Job / SDG No.:
Site: Former Kelly-Moore	☑ 2 days NM 3/9			
P O #: 16110	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	Archive	PCBs	Moisture	Sample Specific Notes:
21 KM-15-B08-5B	3/6/2015	1440	Grab Comp	Soil	1			X			
22 KM-15-B08-6B	3/6/2015	1441	grab	Soil	1			X			
23 KM-15-B08-7B	3/6/2015	1442	grab	Soil	1			X			
24 KM-15-B08-8B	3/6/2015	1443	grab	Soil	1			X			
25 KM-15-B08-9B	3/6/2015	1444	grab	Soil	1			X			
26 KM-15-B08-10B	3/6/2015	1445	grab	Soil	1			X			
27 KM-15-B08-11B	3/6/2015	1446	grab	Soil	1			X			
28 KM-15-B08-12B	3/6/2015	1447	grab	Soil	1			X			
29 KM-15-B08-13B	3/6/2015	1448	grab	Soil	1			X			
30 KM-15-B08-14B	3/6/2015	1449	grab	Soil	1			X			
31 KM-15-B08-15B	3/6/2015	1450	grab	Soil	1			X			
32 KM-15-B08-16B	3/6/2015	1451	grab	Soil	1			X			

Preservation Used: 1= Ice, 2= HCl; 3= H_2SO_4; 4=HNO_3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐Non-Hazard ☐Flammable ☐Skin Irritant ☐Poison B ☑Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐Return to Client ☐Disposal by Lab ☐Archive for _____ Months

Special Instructions/QC Requirements & Comments:

1400

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd: _____ Corr'd: _____		Therm ID No.: _____
Relinquished by:	Company: Amec	Date/Time: 3/9/15	Received by:	Company: SPECTRA	Date/Time: 3/9/15
Relinquished by:	Company: SPECTRA	Date/Time: 3/9/15	Received by:	Company: ONSITE	Date/Time: 3/9/15 1436
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.3, dated 12/05/2013

Chain of Custody Record

Onsite Environmental

03-068

Regulatory Program: ☐DW ☐NPDES ☐RCRA ☐Other:

Onsite Labs, Redmond, WA

Client Contact	Project Manager: Tasya Gray (AMEC)	Site Contact: Nathan Moxley	3/5/2015	COC No:
Amec	Tel/Fax:	Lab Contact: Tasya Gray	Carrier:	Page 4 of 12
600 University St., Suite 600	Analysis Turnaround Time			Sampler: Nathan Moxley
Seattle, WA	☐CALENDAR DAYS ☐WORKING DAYS			For Lab Use Only:
206-342-1760	TAT if different from Below _____			Walk-in Client:
	☐ 2 weeks			Lab Sampling:
Project Name: NCD - B8 Sub Slab samples, round 2	☐ 1 week			Job / SDG No.:
Site: Former Kelly-Moore	☑ 2 days um 3/5/15			
P O #: 16110	☐ 1 day			

Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Archive	PCBs	8260 (VOCs)	Sample Specific Notes:
33	KM-15-B08-17B	3/6/2015	1452	Comp	Soil	1			X			
34	KM-15-B08-21B	3/6/2015	1453	grab	Soil	1			X			
35	KM-15-B08-22B	3/6/2015	1454	grab	Soil	1			X			
36	KM-15-B08-23B	3/6/2015	1455	grab	Soil	1			X			
37	KM-15-B08-24B	3/6/2015	1456	grab	Soil	1			X			
38	KM-15-B08-28B	3/6/2015	1457	grab	Soil	1			X			
39	KM-15-B08-29B	3/6/2015	1458	grab	Soil	1			X			
40	KM-15-B08-30B	3/6/2015	1459	grab	Soil	1			X			
41	KM-15-B08-31B	3/6/2015	1500	grab	Soil	1			X			
42	KM-15-B08-35B	3/6/2015	1501	grab	Soil	1			X			
43	KM-15-B08-36B	3/6/2015	1502	grab	Soil	1			X			
44	KM-15-B08-37B	3/6/2015	1503	grab	Soil	1			X			

Preservation Used: 1= Ice, 2= HCl; 3= H_2SO_4; 4=HNO_3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐Non-Hazard ☐Flammable ☐Skin Irritant ☐Poison B ☑Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐Return to Client ☐Disposal by Lab ☐Archive for _____ Months

Special Instructions/QC Requirements & Comments:

1400

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd: _____ Corr'd: _____		Therm ID No.: _____
Relinquished by:	Company: amec	Date/Time: 3/9/15	Received by:	Company: SP-ED-1	Date/Time: 3/9/15
Relinquished by:	Company: SP-ED-1	Date/Time: 3/9/15	Received by:	Company: QSE	Date/Time: 3/9/15 1436
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.3, dated 12/05/2013

Chain of Custody Record

Onsite Environmental

Regulatory Program: ☐DW ☐NPDES ☐RCRA ☐Other:

03-068

Onsite Labs, Redmond, WA

Client Contact	Project Manager: Tasya Gray (AMEC)	Site Contact: Nathan Moxley	3/5/2015	COC No:
Amec	Tel/Fax:	Lab Contact: Tasya Gray	Carrier:	Page 5 of 12
600 University St., Suite 600	Analysis Turnaround Time			Sampler: Nathan Moxley
Seattle, WA	☐CALENDAR DAYS ☐WORKING DAYS			For Lab Use Only:
206-342-1760	TAT if different from Below: _____			Walk-in Client:
	☐ 2 weeks			Lab Sampling:
Project Name: NCD - B8 Sub Slab samples, round 2	☐ 1 week			
Site: Former Kelly-Moore	☑ 2 days SB/3/4/15			Job / SDG No.:
P O #: 16110	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Archive	PCBs	Do Moisture	Sample Specific Notes:
45 KM-15-B08-38B	3/6/2015	1504	~~Grab~~ Comp	Soil	1			X			
46 KM-15-B08-42B	3/6/2015	1505	grab	Soil	1			X			
47 KM-15-B08-comp30	3/6/2015	1506	~~comp~~ grab	Soil	1				X	X	
48 KM-15-B08-comp31	3/6/2015	1507	~~comp~~ grab	Soil	1				X		
49 KM-15-B08-comp32	3/6/2015	1508	C ~~grab~~	Soil	1				X		
50 KM-15-B08-comp33	3/6/2015	1509	C ~~grab~~	Soil	1				X		
51 KM-15-B08-comp34	3/6/2015	1510	C ~~grab~~	Soil	1				X		
52 KM-15-B08-comp35	3/6/2015	1511	C ~~grab~~	Soil	1				X		
53 KM-15-B08-comp36	3/6/2015	1512	C ~~grab~~	Soil	1				X		
54 KM-15-B08-comp37	3/6/2015	1513	C ~~grab~~	Soil	1				X		
55 KM-15-B08-43B	3/9/2015	0915	grab	Soil	1			X			
56 KM-15-B08-44B	3/9/2015	0916	grab	Soil	1			X			

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐Non-Hazard ☐Flammable ☐Skin Irritant ☐Poison B ☑Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐Return to Client ☐Disposal by Lab ☐Archive for _____ Months

Special Instructions/QC Requirements & Comments:

1400

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd: _____ Corr'd: _____		Therm ID No.: _____
Relinquished by:	Company: Amec	Date/Time: 3/9/15	Received by:	Company: GT-ED-1	Date/Time: 3/9/15
Relinquished by:	Company: GT-ED-1	Date/Time: 3/9/15	Received by:	Company: ORE	Date/Time: 3/9/15 1436
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.3, dated 12/05/2013

Chain of Custody Record

Onsite Environmental

03-068

Regulatory Program: ☐DW ☐NPDES ☐RCRA ☐Other:

Onsite Labs, Redmond, WA

Client Contact	Project Manager: Tasya Gray (AMEC)	Site Contact: Nathan Moxley	3/5/2015	COC No:
Amec	Tel/Fax:	Lab Contact: Tasya Gray	Carrier:	Page 6 of 12
600 University St., Suite 600	Analysis Turnaround Time			Sampler: Nathan Moxley
Seattle, WA	☐CALENDAR DAYS ☐WORKING DAYS			For Lab Use Only:
206-342-1760	TAT if different from Below			Walk-in Client:
	☐ 2 weeks			Lab Sampling:
Project Name: NCD - B8 Sub Slab samples, round 2	☐ 1 week			
Site: Former Kelly-Moore	☑ 2 days			Job / SDG No.:
P O #: 16110	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Archive	PCBs	60 MOISTURE	Sample Specific Notes:
57 KM-15-B08-45B	3/9/2015	0917	grab/Comp	Soil	1			X			
58 KM-15-B08-50B	3/9/2015	0918	grab	Soil	1			X			
59 KM-15-B08-51B	3/9/2015	0919	grab	Soil	1			X			
60 KM-15-B08-52B	3/9/2015	0920	grab	Soil	1			X			
61 KM-15-B08-58B	3/9/2015	0921	grab	Soil	1			X			
62 KM-15-B08-59B	3/9/2015	0922	grab	Soil	1			X			
63 KM-15-B08-60B	3/9/2015	0923	grab	Soil	1			X			
64 KM-15-B08-61B	3/9/2015	0924	grab	Soil	1			X			
65 KM-15-B08-62B	3/9/2015	0925	grab	Soil	1			X			
66 KM-15-B08-68B	3/9/2015	0926	grab	Soil	1			X			
67 KM-15-B08-73B	3/9/2015	0927	grab	Soil	1			X			
68 KM-15-B08-COMP41	3/9/2015	0928	COMP grab	Soil	1				X	X	

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐Non-Hazard ☐Flammable ☐Skin Irritant ☐Poison B ☑Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐Return to Client ☐Disposal by Lab ☐Archive for _____ Months

Special Instructions/QC Requirements & Comments:

1400

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd:	Corr'd:	Therm ID No.:
Relinquished by:	Company: amec	Date/Time: 3/9/15	Received by:	Company: SP-DT	Date/Time: 3/9/15
Relinquished by:	Company: SP-DT	Date/Time: 3/9/15	Received by:	Company: ONE	Date/Time: 3/9/15 1436
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Chain of Custody Record

Onsite Environmental

03-068

Regulatory Program: ☐DW ☐NPDES ☐RCRA ☐Other:

Onsite Labs, Redmond, WA

Client Contact	Project Manager: Tasya Gray (AMEC)	Site Contact: Nathan Moxley	3/5/2015	COC No: 7
Amec	Tel/Fax:	Lab Contact: Tasya Gray	Carrier:	Page 7 of 12
600 University St., Suite 600	Analysis Turnaround Time			Sampler: Nathan Moxley
Seattle, WA	☐CALENDAR DAYS ☐WORKING DAYS			For Lab Use Only:
206-342-1760	TAT if different from Below			Walk-in Client:
	☐ 2 weeks			Lab Sampling:
Project Name: NCD - B8 Sub Slab samples, round 2	☐ 1 week			
Site: Former Kelly-Moore	☑ 2 days SB 3/5/15			Job / SDG No.:
P O #: 16110	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Archive	PCBs	8270 LL SVOCs	Sample Specific Notes:
69 KM-15-B08- COMP40	3/9/2015	0929	C	~~S~~ Soil	1				X	X	
70 KM-15-B08- COMP39	3/9/2015	0930	C	~~S~~ Soil	1				X	↓	
71 KM-15-B08- COMP38	3/9/2015	0931	C	~~S~~ Soil	1				X	↓	
72 KM-15-B08- 77B	3/9/2015	0932	G	Soil	1			X			
73 KM-15-B08- 78B	3/9/2015	0933	↓	Soil	1			X			
74 KM-15-B08- 79B	3/9/2015	0934		Soil	1			X			
75 KM-15-B08- 80B	3/9/2015	0935		Soil	1			X			
76 KM-15-B08- 85B	3/9/2015	0935		Soil	1			X			
77 KM-15-B08- 86B	3/9/2015	0936		Soil	1			X			
78 KM-15-B08- 87B	3/9/2015	0937		Soil	1			X			
79 KM-15-B08- 88B	3/9/2015	0938		Soil	1			X			
80 KM-15-B08- 89B	3/9/2015	0939	↓	Soil	1			X			

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐Non-Hazard ☐Flammable ☐Skin Irritant ☐Poison B ☑Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐Return to Client ☐Disposal by Lab ☐Archive for _____ Months

Special Instructions/QC Requirements & Comments:

1400

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd: _____ Corr'd: _____		Therm ID No.: _____
Relinquished by:	Company: amec	Date/Time: 3/9/15	Received by:	Company: Speedy-1	Date/Time: 3/9/15
Relinquished by:	Company: Speedy-1	Date/Time: 3/9/15	Received by:	Company: ONC	Date/Time: 3/9/15 1436
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.3, dated 12/05/2013

Chain of Custody Record

Onsite Environmental

03-068

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Onsite Labs, Redmond, WA

Client Contact	Project Manager: Tasya Gray (AMEC)	Site Contact: Nathan Moxley	3/5/2015	COC No:
Amec	Tel/Fax:	Lab Contact: Tasya Gray	Carrier:	Page 8 of 12
600 University St., Suite 600	Analysis Turnaround Time			Sampler: Nathan Moxley
Seattle, WA	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
206-342-1760	TAT if different from Below _____			Walk-in Client:
	☐ 2 weeks			Lab Sampling:
Project Name: NCD - B8 Sub Slab samples, round 2	☐ 1 week			
Site: Former Kelly-Moore	☑ 2 days			Job / SDG No.:
P O #: 16110	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Archive	PCBs	% Moisture	Sample Specific Notes:
81 KM-15-B08- 90B	3/9/2015	0940	G	Soil	1			X			
82 KM-15-B08- 92B	3/9/2015	0942	"	Soil	1			X			
83 KM-15-B08- 93B	3/9/2015	0943	"	Soil	1			X			
84 KM-15-B08- 94B	3/9/2015	0944	"	Soil	1			X			
85 KM-15-B08- 95B	3/9/2015	0945	"	Soil	1			X			
86 KM-15-B08- 96B	3/9/2015	0946	"	Soil	1			X			
87 KM-15-B08- 97B	3/9/2015	0947	"	Soil	1			X			
88 KM-15-B08- 98B	3/9/2015	0948	"	Soil	1			X			
89 KM-15-B08- 99B	3/9/2015	0949	"	Soil	1			X			
90 KM-15-B08- 100B	3/9/2015	0950	"	Soil	1			X			
91 KM-15-B08- 101B	3/9/2015	0951	"	Soil	1			X			
92 KM-15-B08- 102B	3/9/2015	0952	"	Soil	1			X			

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☑ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

1400

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd: _____ Corr'd: _____		Therm ID No.: _____
Relinquished by:	Company: AMEC	Date/Time: 3/9/15	Received by:	Company: STL-DV	Date/Time: 3/9/15
Relinquished by:	Company: STL-DV	Date/Time: 3/9/15	Received by:	Company: AMEC	Date/Time: 3/9/15 1436
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.3, dated 12/05/2013

Chain of Custody Record

Onsite Environmental

Regulatory Program: ☐DW ☐NPDES ☐RCRA ☐Other:

03-068

Onsite Labs, Redmond, WA

Client Contact	Project Manager: Tasya Gray (AMEC)	Site Contact: Nathan Moxley	3/5/2015	COC No:
Amec	Tel/Fax:	Lab Contact: Tasya Gray	Carrier:	Page 9 of 12
600 University St., Suite 600	Analysis Turnaround Time			Sampler: Nathan Moxley
Seattle, WA	☐CALENDAR DAYS ☐WORKING DAYS			For Lab Use Only:
206-342-1760	TAT if different from Below _____			Walk-in Client:
	☐ 2 weeks			Lab Sampling:
Project Name: NCD - B8 Sub Slab samples, round 2	☐ 1 week			
Site: Former Kelly-Moore	☑ 2 days			Job / SDG No.:
P O #: 16110	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Archive	PCBs	8 Aroclors	Sample Specific Notes:
93 KM-15-B08- 103B	3/9/2015	0953	G	Soil	1			X			
94 KM-15-B08- 105B	3/9/2015	0954	G	Soil	1			X			
95 KM-15-B08- COMP 42	3/9/2015	0955	Comp	Soil	1				X	X	
96 KM-15-B08- COMP 43	3/9/2015	0956	↓	Soil	1				X	↓	
97 KM-15-B08- COMP 44	3/9/2015	0957		Soil	1				X		
98 KM-15-B08- COMP 45	3/9/2015	0958		Soil	1				X		
99 KM-15-B08- COMP 46	3/9/2015	0959		Soil	1				X		
100 KM-15-B08- 106B	3/9/2015	1000	G	Soil	1			X			
101 KM-15-B08- 107B	3/9/2015	1001	G	Soil	1			↓			
102 KM-15-B08- 108B	3/9/2015	1002	↓	Soil	1						
103 KM-15-B08- 109B	3/9/2015	1003		Soil	1						
104 KM-15-B08- 111B	3/9/2015	1004		Soil	1						

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐Non-Hazard ☐Flammable ☐Skin Irritant ☐Poison B ☑Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐Return to Client ☐Disposal by Lab ☐Archive for _____ Months

Special Instructions/QC Requirements & Comments:

1400

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd: _____ Corr'd: _____ | Therm ID No.: _____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
	AMEC	3/9/15		SPECTRA	3/9/15
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
	SPECTRA	3/9/15		ONE	3/9/15 1436
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.3, dated 12/05/2013

Chain of Custody Record

Onsite Environmental

Regulatory Program: ☐DW ☐NPDES ☐RCRA ☐Other:

03-068

Onsite Labs, Redmond, WA

Client Contact	Project Manager: Tasya Gray (AMEC)	Site Contact: Nathan Moxley	3/5/2015	COC No:
Amec	Tel/Fax:	Lab Contact: Tasya Gray	Carrier:	Page 10 of 12
600 University St., Suite 600	Analysis Turnaround Time			Sampler: Nathan Moxley
Seattle, WA	☐CALENDAR DAYS ☐WORKING DAYS			For Lab Use Only:
206-342-1760	TAT if different from Below ____			Walk-in Client:
	☐ 2 weeks			Lab Sampling:
Project Name: NCD - B8 Sub Slab samples, round 2	☐ 1 week			
Site: Former Kelly-Moore	☑ 2 days			Job / SDG No.:
P O #: 16110	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Archive	PCBs	Sample Specific Notes:
105 KM-15-B08- 112B	3/9/2015	1005	G	Soil	1			X		
106 KM-15-B08- 113B	3/9/2015	1006		Soil	1			X		
107 KM-15-B08- 114B	3/9/2015	1007		Soil	1			X		
108 KM-15-B08- 115B	3/9/2015	1008		Soil	1			X		
109 KM-15-B08- 116B	3/9/2015	1009		Soil	1			X		
110 KM-15-B08- 117B	3/9/2015	1010		Soil	1			X		
111 KM-15-B08- 118B	3/9/2015	1011		Soil	1			X		
112 KM-15-B08- 119B	3/9/2015	1012		Soil	1			X		
113 KM-15-B08- 120B	3/9/2015	1013		Soil	1			X		
114 KM-15-B08- 121B	3/9/2015	1014		Soil	1			X		
115 KM-15-B08- 122B	3/9/2015	1015		Soil	1			X		
116 KM-15-B08- 123B	3/9/2015	1016	V	Soil	1			X		

Do moisture

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other ____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐Non-Hazard ☐Flammable ☐Skin Irritant ☐Poison B ☑Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐Return to Client ☐Disposal by Lab ☐Archive for ____ Months

Special Instructions/QC Requirements & Comments:

1400

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd: ____ Corr'd: ____	Therm ID No.: ____
Relinquished by:	Company: amec	Date/Time: 3/9/15	Received by:	Company: GP-EDT	Date/Time: 3/9/15
Relinquished by:	Company: GP-EDT	Date/Time: 3/9/15	Received by:	Company: ORE	Date/Time: 3/9/15 1436
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.3, dated 12/05/2013

Chain of Custody Record

Onsite Environmental

03-068

Regulatory Program: ☐DW ☐NPDES ☐RCRA ☐Other:

Onsite Labs, Redmond, WA

Client Contact	Project Manager: Tasya Gray (AMEC)	Site Contact: Nathan Moxley	3/5/2015	COC No:
Amec	Tel/Fax:	Lab Contact: Tasya Gray	Carrier:	Page 11 of 12
600 University St., Suite 600	Analysis Turnaround Time			Sampler: Nathan Moxley
Seattle, WA	☐CALENDAR DAYS ☐WORKING DAYS			For Lab Use Only:
206-342-1760	TAT if different from Below _____			Walk-in Client:
	☐ 2 weeks			Lab Sampling:
Project Name: NCD - B8 Sub Slab samples, round 2	☐ 1 week			
Site: Former Kelly-Moore	☑ 2 days			Job / SDG No.:
P O #: 16110	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Archive	PCBs	8270SIM SVOC	Sample Specific Notes:
117 KM-15-B08- 128B	3/9/2015	1017	G	Soil	1			X			
118 KM-15-B08- 129B	3/9/2015	1018	↓	Soil	1			↓			
119 KM-15-B08- 130B	3/9/2015	1019	↓	Soil	1			↓			
120 KM-15-B08- 131B	3/9/2015	1020	↓	Soil	1			↓			
121 KM-15-B08- COMP47	3/9/2015	1100	Comp	Soil	1				X	X	
122 KM-15-B08- COMP48	3/9/2015	1101	↓	Soil	1				↓	↓	
123 KM-15-B08- COMP49	3/9/2015	1102	↓	Soil	1				↓	↓	
124 KM-15-B08- COMP50	3/9/2015	1103	↓	Soil	1				↓	↓	
125 KM-15-B08- COMP51	3/9/2015	1104	↓	Soil	1				↓	↓	
126 KM-15-B08- COMP52	3/9/2015	1105	↓	Soil	1				↓	↓	
127 KM-15-B08- COMP53	3/9/2015	1106	↓	Soil	1				↓	↓	
128 KM-15-B08- COMP26	3/9/2015	1302	↓	Soil	1				↓	↓	

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐Non-Hazard ☐Flammable ☐Skin Irritant ☐Poison B ☑Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐Return to Client ☐Disposal by Lab ☐Archive for _____ Months

Special Instructions/QC Requirements & Comments:

1400

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd: _____ Corr'd: _____ | Therm ID No.: _____

	Company:	Date/Time:		Company:	Date/Time:
Relinquished by:	Amec	3/9/15	Received by:	SP-ED-1	3/9/15
Relinquished by:	SP-ED-1	3/9/15	Received by:	OSE	3/9/15 1436
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.3, dated 12/05/2013

Chain of Custody Record

Onsite Environmental

Regulatory Program: ☐DW ☐NPDES ☐RCRA ☐Other: 03-068 Onsite Labs, Redmond, WA

Client Contact	Project Manager: Tasya Gray (AMEC)	Site Contact: Nathan Moxley	3/5/2015	COC No:
Amec	Tel/Fax:	Lab Contact: Tasya Gray	Carrier:	Page 13 of 12
600 University St., Suite 600	Analysis Turnaround Time			Sampler: Nathan Moxley
Seattle, WA	☐CALENDAR DAYS ☐WORKING DAYS			For Lab Use Only:
206-342-1760	TAT if different from Below ____			Walk-in Client:
	☐ 2 weeks			Lab Sampling:
Project Name: NCD - B8 Sub Slab samples, round 2	☐ 1 week			Job / SDG No.:
Site: Former Kelly-Moore	☑ 2 days			
P O #: 16110	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Archive	PCBs	% MOISTURE	Sample Specific Notes:
129 KM-15-B08- 110B	3/9/2015	1301	G	Soil	1			X			
130 KM-15-B08- COMP25	3/9/2015	1303	C	Soil	1				X	X	
131 KM-15-B08- 104B	3/9/2015	1300	G	Soil	1			X			
~~132 KM-15-B08- COMP26~~	~~3/9/2015~~	~~1302~~	~~C~~	~~Soil~~	~~1~~				X	X	OW 3/9/15
~~133~~ 132 KM-15-B08- COMP 27	3/9/2015	1314	C	Soil	1				X		
~~134~~ 133 KM-15-B08- COMP 28	3/9/2015	1315	C	Soil	1				X		
~~135~~ 134 KM-15-B08- COMP 29	3/9/2015	1316	C	Soil	1				X		
~~KM-15-B08-~~	~~3/9/2015~~			~~Soil~~	~~1~~						
KM-15-B08-	3/9/2015			Soil	1						
KM-15-B08-	~~3/9/2015~~			Soil	1						
KM-15-B08-	3/9/2015			~~Soil~~	1						
~~KM-15-B08-~~	~~3/9/2015~~			~~Soil~~	~~1~~						

SB 3/9/15

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other ____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐Non-Hazard ☐Flammable ☐Skin Irritant ☐Poison B ☑Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐Return to Client ☐Disposal by Lab ☐Archive for ____ Months

Special Instructions/QC Requirements & Comments:

1400

Custody Seals Intact: ☐Yes ☐No	Custody Seal No.:		Cooler Temp. (°C): Obs'd: ____ Corr'd: ____		Therm ID No.: ____
Relinquished by:	Company: Ave	Date/Time: 3/9/15	Received by:	Company: SPECTRA	Date/Time: 3/9/15 2027
Relinquished by:	Company: SPECTRA	Date/Time: 3/9/15 2325	Received by:	Company: ORE	Date/Time: 3/9/15 1436
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.3, dated 12/05/2013

OnSite Environmental Inc.

14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

March 18, 2015

Tasya Gray
AMEC Environment and Infrastructure, Inc.
One Union Square
600 University Street, Suite 600
Seattle, WA 98101

Re: Analytical Data for Project NCD-B8 Sub Slab samples, round 2; 16110
Laboratory Reference No. 1503-068B

Dear Tasya:

Enclosed are the analytical results and associated quality control data for samples submitted on March 9, 2015.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

David Baumeister
Project Manager

Enclosures

Date of Report: March 18, 2015
Samples Submitted: March 9, 2015
Laboratory Reference: 1503-068B
Project: NCD-B8 Sub Slab samples, round 2; 16110

Case Narrative

Samples were collected on March 6, 2015 and received by the laboratory on March 9, 2015. They were maintained at the laboratory at a temperature of 2°C to 6°C.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

Date of Report: March 18, 2015
Samples Submitted: March 9, 2015
Laboratory Reference: 1503-068B
Project: NCD-B8 Sub Slab samples, round 2; 16110

PCBs
EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-15-B08-31B**					
Laboratory ID:	03-068-41					
Aroclor 1016	**ND**	0.051	EPA 8082A	3-17-15	3-17-15	
Aroclor 1221	**ND**	0.051	EPA 8082A	3-17-15	3-17-15	
Aroclor 1232	**ND**	0.051	EPA 8082A	3-17-15	3-17-15	
Aroclor 1242	**ND**	0.051	EPA 8082A	3-17-15	3-17-15	
Aroclor 1248	**ND**	0.051	EPA 8082A	3-17-15	3-17-15	
Aroclor 1254	**ND**	0.051	EPA 8082A	3-17-15	3-17-15	
Aroclor 1260	**0.20**	0.051	EPA 8082A	3-17-15	3-17-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*90*	*55-140*				
Client ID:	**KM-15-B08-38B**					
Laboratory ID:	03-068-45					
Aroclor 1016	**ND**	0.055	EPA 8082A	3-17-15	3-17-15	
Aroclor 1221	**ND**	0.055	EPA 8082A	3-17-15	3-17-15	
Aroclor 1232	**ND**	0.055	EPA 8082A	3-17-15	3-17-15	
Aroclor 1242	**ND**	0.055	EPA 8082A	3-17-15	3-17-15	
Aroclor 1248	**ND**	0.055	EPA 8082A	3-17-15	3-17-15	
Aroclor 1254	**ND**	0.055	EPA 8082A	3-17-15	3-17-15	
Aroclor 1260	**1.2**	0.055	EPA 8082A	3-17-15	3-17-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*84*	*55-140*				

Date of Report: March 18, 2015
Samples Submitted: March 9, 2015
Laboratory Reference: 1503-068B
Project: NCD-B8 Sub Slab samples, round 2; 16110

PCBs EPA 8082A
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0317S1					
Aroclor 1016	**ND**	0.050	EPA 8082A	3-17-15	3-17-15	
Aroclor 1221	**ND**	0.050	EPA 8082A	3-17-15	3-17-15	
Aroclor 1232	**ND**	0.050	EPA 8082A	3-17-15	3-17-15	
Aroclor 1242	**ND**	0.050	EPA 8082A	3-17-15	3-17-15	
Aroclor 1248	**ND**	0.050	EPA 8082A	3-17-15	3-17-15	
Aroclor 1254	**ND**	0.050	EPA 8082A	3-17-15	3-17-15	
Aroclor 1260	**ND**	0.050	EPA 8082A	3-17-15	3-17-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*104*	*55-140*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
MATRIX SPIKES											
Laboratory ID:	03-115-04										
	MS	MSD	MS	MSD		MS	MSD				
Aroclor 1260	**0.443**	**0.442**	0.500	0.500	ND	**89**	**88**	46-136	0	17	
Surrogate:											
DCB						*89*	*89*	*55-140*			

Date of Report: March 18, 2015
Samples Submitted: March 9, 2015
Laboratory Reference: 1503-068B
Project: NCD-B8 Sub Slab samples, round 2; 16110

% MOISTURE

Date Analyzed: 3-17-15

Client ID	Lab ID	% Moisture
KM-15-B08-31B	03-068-41	3
KM-15-B08-38B	03-068-45	8

OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-napthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

X1- Sample extract treated with a Sulfuric acid/Silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in method 8260C, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

Chain of Custody Record

Onsite Environmental

03-068

Regulatory Program: ☐DW ☐NPDES ☐RCRA ☐Other:

Onsite Labs, Redmond, WA

Client Contact	Project Manager: Tasya Gray (AMEC)	Site Contact: Nathan Moxley	3/5/2015	COC No:
Amec	Tel/Fax:	Lab Contact: Tasya Gray	Carrier:	Page 1 of 12
600 University St., Suite 600	Analysis Turnaround Time			Sampler: Nathan Moxley
Seattle, WA	☐CALENDAR DAYS ☐WORKING DAYS			For Lab Use Only:
206-342-1760	TAT if different from Below			Walk-in Client:
	☐ 2 weeks			Lab Sampling:
Project Name: NCD - B8 Sub Slab samples, round 2	☐ 1 week			Job / SDG No.:
Site: Former Kelly-Moore	☑ 2 days			
P O #: 16110	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Archive	PCBs	Sample Specific Notes:
1 KM15-B08-136	3/5/2015	1340	~~Grab~~ Comp	Soil	1			X		
2 KM15-B08-137	3/5/2015	1341	grab	Soil	1			X		
3 KM15-B08-138	3/5/2015	1342	grab	Soil	1			X		
4 KM15-B08-139	3/5/2015	1343	grab	Soil	1			X		
~~KM-15-B08-comp25~~	~~3/5/2015~~	~~1344~~	~~grab~~	~~Soil~~	~~1~~				X	SB 3/9
5 KM-15-B08-140	3/6/2015	0840	grab	Soil	1			X		
6 KM-15-B08-141	3/6/2015	0841	grab	Soil	1			X		
7 KM-15-B08-142	3/6/2015	0842	grab	Soil	1			X		
8 KM-15-B08-143	3/6/2015	0843	grab	Soil	1			X		
9 KM-15-B08-144	3/6/2015	0844	grab	Soil	1			X		
10 KM-15-B08-145	3/6/2015	0845	grab	Soil	1			X		
11 KM-15-B08-146	3/6/2015	0846	grab	Soil	1			X		

SB 3/9/16

Bo moisture

(X) Added 3/16 lis. DB (2 day TAT)

Preservation Used: 1= Ice, 2= HCl; 3= H_2SO_4; 4=HNO_3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐Non-Hazard ☐Flammable ☐Skin Irritant ☐Poison B ☑Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐Return to Client ☐Disposal by Lab ☐Archive for _____ Months

Special Instructions/QC Requirements & Comments:

1400

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd: _____ Corr'd: _____ | Therm ID No.: _____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
	amec	3/9/15		SPECTRA	3/9/15 2000
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
	SPECTRA	3/9/15 2324		OSE	3/9/15 1400
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.3, dated 12/05/2013

Chain of Custody Record

Onsite Environmental

03-068

Regulatory Program: ☐DW ☐NPDES ☐RCRA ☐Other:

Onsite Labs, Redmond, WA

Client Contact	Project Manager: Tasya Gray (AMEC)	Site Contact: Nathan Moxley	3/5/2015	COC No:
Amec	Tel/Fax:	Lab Contact: Tasya Gray	Carrier:	Page 2 of 12
600 University St., Suite 600	Analysis Turnaround Time			Sampler: Nathan Moxley
Seattle, WA	☐CALENDAR DAYS ☐WORKING DAYS			For Lab Use Only:
206-342-1760	TAT if different from Below			Walk-in Client:
	☐ 2 weeks			Lab Sampling:
Project Name: NCD - B8 Sub Slab samples, round 2	☐ 1 week			Job / SDG No.:
Site: Former Kelly-Moore	☑ 2 days			
P O #: 16110	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Archive	PCBs	90 MOISTURE	Sample Specific Notes:
12 KM-15-B08-147	3/6/2015	0847	Comp	Soil	1			X	X		
13 KM-15-B08-148	3/6/2015	0848	grab	Soil	1			X			
14 KM-15-B08-149	3/6/2015	0849	grab	Soil	1			X			
15 KM-15-B08-150	3/6/2015	0850	grab	Soil	1			X			
16 KM-15-B08-151	3/6/2015	0851	grab	Soil	1			X			
~~KM-15-B08-comp26~~	~~3/6/2015~~	~~0852~~	~~grab~~	~~Soil~~	~~1~~				X		SB 3/9
~~KM-15-B08-comp27~~	~~3/6/2015~~	~~0853~~	~~grab~~	~~Soil~~	~~1~~				X		SB 3/9
~~KM-15-B08-comp28~~	~~3/6/2015~~	~~0854~~	~~grab~~	~~Soil~~	~~1~~				X		SB 3/9
17 KM-15-B08-1B	3/6/2015	1436	grab	Soil	1			X			
18 KM-15-B08-2B	3/6/2015	1437	grab	Soil	1			X			
19 KM-15-B08-3B	3/6/2015	1438	grab	Soil	1			X			
20 KM-15-B08-4B	3/6/2015	1439	grab	Soil	1			X			

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐Non-Hazard ☐Flammable ☐Skin Irritant ☐Poison B ☑Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐Return to Client ☐Disposal by Lab ☐Archive for_____ Months

Special Instructions/QC Requirements & Comments:

1400

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd:	Corr'd:	Therm ID No.:
Relinquished by:	Company: amec	Date/Time: 3/9/15	Received by:	Company: FEDEX	Date/Time: 3/9/15 200
Relinquished by:	Company: FEDEX	Date/Time: 3/9/15	Received by:	Company: ONS	Date/Time: 3/9/15 1436
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Chain of Custody Record

Onsite Environmental

Regulatory Program: ☐DW ☐NPDES ☐RCRA ☐Other:

03-068

Onsite Labs, Redmond, WA

Client Contact	Project Manager: Tasya Gray (AMEC)	Site Contact: Nathan Moxley	3/5/2015	COC No:
Amec	Tel/Fax:	Lab Contact: Tasya Gray	Carrier:	Page 3 of 12
600 University St., Suite 600	Analysis Turnaround Time			Sampler: Nathan Moxley
Seattle, WA	☐CALENDAR DAYS ☐WORKING DAYS			For Lab Use Only:
206-342-1760	TAT if different from Below			Walk-in Client:
	☐ 2 weeks			Lab Sampling:
Project Name: NCD - B8 Sub Slab samples, round 2	☐ 1 week			Job / SDG No.:
Site: Former Kelly-Moore	☑ 2 days (NM 3/9)			
P O #: 16110	☐ 1 day			

	Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Archive	PCBs	8082 Aroclors	Sample Specific Notes:
21	KM-15-B08-5B	3/6/2015	1440	Grab Comp	Soil	1			X			
22	KM-15-B08-6B	3/6/2015	1441	grab	Soil	1			X			
23	KM-15-B08-7B	3/6/2015	1442	grab	Soil	1			X			
24	KM-15-B08-8B	3/6/2015	1443	grab	Soil	1			X			
25	KM-15-B08-9B	3/6/2015	1444	grab	Soil	1			X			
26	KM-15-B08-10B	3/6/2015	1445	grab	Soil	1			X			
27	KM-15-B08-11B	3/6/2015	1446	grab	Soil	1			X			
28	KM-15-B08-12B	3/6/2015	1447	grab	Soil	1			X			
29	KM-15-B08-13B	3/6/2015	1448	grab	Soil	1			X			
30	KM-15-B08-14B	3/6/2015	1449	grab	Soil	1			X			
31	KM-15-B08-15B	3/6/2015	1450	grab	Soil	1			X			
32	KM-15-B08-16B	3/6/2015	1451	grab	Soil	1			X			

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐Non-Hazard ☐Flammable ☐Skin Irritant ☐Poison B ☑Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐Return to Client ☐Disposal by Lab ☐Archive for_____ Months

Special Instructions/QC Requirements & Comments:

1400

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd:_____ Corr'd:_____		Therm ID No.:_____
Relinquished by:	Company: Amec	Date/Time: 3/9/15	Received by:	Company: SP-EDT	Date/Time: 3/9/15
Relinquished by:	Company: SP-EDT	Date/Time: 3/9/15	Received by:	Company: OSE	Date/Time: 3/9/15 1436
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.3, dated 12/05/2013

Chain of Custody Record

Onsite Environmental

03-068

Regulatory Program: ☐DW ☐NPDES ☐RCRA ☐Other:

Onsite Labs, Redmond, WA

Client Contact	Project Manager: Tasya Gray (AMEC)	Site Contact: Nathan Moxley	3/5/2015	COC No:
Amec	Tel/Fax:	Lab Contact: Tasya Gray	Carrier:	Page 4 of 12
600 University St., Suite 600	Analysis Turnaround Time			Sampler: Nathan Moxley
Seattle, WA	☐CALENDAR DAYS ☐WORKING DAYS			For Lab Use Only:
206-342-1760	TAT if different from Below _____			Walk-in Client:
	☐ 2 weeks			Lab Sampling:
Project Name: NCD - B8 Sub Slab samples, round 2	☐ 1 week			Job / SDG No.:
Site: Former Kelly-Moore	☑ 2 days MM 3/5/15			
P O #: 16110	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Archive	PCBs	Moisture	Sample Specific Notes:
33 KM-15-B08-17B	3/6/2015	1452	Grab Comp	Soil	1			X			
34 KM-15-B08-21B	3/6/2015	1453	grab	Soil	1			X			
35 KM-15-B08-22B	3/6/2015	1454	grab	Soil	1			X			
36 KM-15-B08-23B	3/6/2015	1455	grab	Soil	1			X			
37 KM-15-B08-24B	3/6/2015	1456	grab	Soil	1			X			
38 KM-15-B08-28B	3/6/2015	1457	grab	Soil	1			X			
39 KM-15-B08-29B	3/6/2015	1458	grab	Soil	1			X			
40 KM-15-B08-30B	3/6/2015	1459	grab	Soil	1			X			
41 KM-15-B08-31B	3/6/2015	1500	grab	Soil	1			X	X	X	
42 KM-15-B08-35B	3/6/2015	1501	grab	Soil	1			X			
43 KM-15-B08-36B	3/6/2015	1502	grab	Soil	1			X			
44 KM-15-B08-37B	3/6/2015	1503	grab	Soil	1			X			

Preservation Used: 1= Ice, 2= HCl; 3= H_2SO_4; 4=HNO_3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐Non-Hazard ☐Flammable ☐Skin Irritant ☐Poison B ☑Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐Return to Client ☐Disposal by Lab ☐Archive for_____ Months

Special Instructions/QC Requirements & Comments:

1400

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ Therm ID No.:_____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
	amec	3/9/15		SP-DT	3/9/15
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
	SP-DT	3/9/15		OGE	3/9/15 1436
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.3, dated 12/05/2013

Chain of Custody Record

Onsite Environmental

Regulatory Program: ☐DW ☐NPDES ☐RCRA ☐Other: 03-068 Onsite Labs, Redmond, WA

Client Contact	Project Manager: Tasya Gray (AMEC)	Site Contact: Nathan Moxley	3/5/2015	COC No:
Amec	Tel/Fax:	Lab Contact: Tasya Gray	Carrier:	Page 3 of 12
600 University St., Suite 600	Analysis Turnaround Time			Sampler: Nathan Moxley
Seattle, WA	☐CALENDAR DAYS ☐WORKING DAYS			For Lab Use Only:
206-342-1760	TAT if different from Below _____			Walk-in Client:
	☐ 2 weeks			Lab Sampling:
Project Name: NCD - B8 Sub Slab samples, round 2	☐ 1 week			
Site: Former Kelly-Moore	☑ 2 days			Job / SDG No.:
P.O #: 16110	☐ 1 day			

SB 3/9/15

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Archive	PCBs	% MOISTURE	Sample Specific Notes:
45 KM-15-B08-38B	3/6/2015	1504	grab Comp	Soil	1			X	X	X	
46 KM-15-B08-42B	3/6/2015	1505	grab	Soil	1			X			
47 KM-15-B08-comp30	3/6/2015	1506	comp grab	Soil	1				X	X	
48 KM-15-B08-comp31	3/6/2015	1507	comp grab	Soil	1				X		
49 KM-15-B08-comp32	3/6/2015	1508	C grab	Soil	1				X		
50 KM-15-B08-comp33	3/6/2015	1509	C grab	Soil	1				X		
51 KM-15-B08-comp34	3/6/2015	1510	C grab	Soil	1				X		
52 KM-15-B08-comp35	3/6/2015	1511	C grab	Soil	1				X		
53 KM-15-B08-comp36	3/6/2015	1512	C grab	Soil	1				X		
54 KM-15-B08-comp37	3/6/2015	1513	C grab	Soil	1				X		
55 KM-15-B08-43B	3/9/2015	0915	grab	Soil	1			X			
56 KM-15-B08-44B	3/9/2015	0916	grab	Soil	1			X			

Preservation Used: 1= Ice, 2= HCl; 3= H_2SO_4; 4=HNO_3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐Non-Hazard ☐Flammable ☐Skin Irritant ☐Poison B ☑Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐Return to Client ☐Disposal by Lab ☐Archive for _____ Months

Special Instructions/QC Requirements & Comments:

1400

Custody Seals Intact: ☐Yes ☐No	Custody Seal No.:		Cooler Temp. (°C): Obs'd: _____ Corr'd: _____		Therm ID No.: _____
Relinquished by:	Company: Amec	Date/Time: 3/9/15	Received by:	Company: GPCD-1	Date/Time: 3/9/15
Relinquished by:	Company: GPCD-1	Date/Time: 3/9/15	Received by:	Company: OSE	Date/Time: 3/9/15 1436
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.3, dated 12/05/2013

Chain of Custody Record

Onsite Environmental

03-068

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Onsite Labs, Redmond, WA

Client Contact	Project Manager: Tasya Gray (AMEC)	Site Contact: Nathan Moxley	3/5/2015	COC No: 6
Amec	Tel/Fax:	Lab Contact: Tasya Gray	Carrier:	Page 6 of 12
600 University St., Suite 600	Analysis Turnaround Time			Sampler: Nathan Moxley
Seattle, WA	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
206-342-1760	TAT if different from Below _____			Walk-in Client:
	☐ 2 weeks			Lab Sampling:
Project Name: NCD - B8 Sub Slab samples, round 2	☐ 1 week			Job / SDG No.:
Site: Former Kelly-Moore	☑ 2 days (SB 3/9/15)			
P O #: 16110	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Archive	PCBs	40 MOISNAS	Sample Specific Notes:
57 KM-15-B08-45B	3/9/2015	0917	0908-Comp	Soil	1			X			
58 KM-15-B08-50B	3/9/2015	0918	grab	Soil	1			X			
59 KM-15-B08-51B	3/9/2015	0919	grab	Soil	1			X			
60 KM-15-B08-52B	3/9/2015	0920	grab	Soil	1			X			
61 KM-15-B08-53B	3/9/2015	0921	grab	Soil	1			X			
62 KM-15-B08-59B	3/9/2015	0922	grab	Soil	1			X			
63 KM-15-B08-60B	3/9/2015	0923	grab	Soil	1			X			
64 KM-15-B08-61B	3/9/2015	0924	grab	Soil	1			X			
65 KM-15-B08-62B	3/9/2015	0925	grab	Soil	1			X			
66 KM-15-B08-68B	3/9/2015	0926	grab	Soil	1			X			
67 KM-15-B08-73B	3/9/2015	0927	grab	Soil	1			X			
68 KM-15-B08-COMP41	3/9/2015	0928	COMP grab	Soil	1				X	X	

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☑ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

1400

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd: _____ Corr'd: _____ | Therm ID No.: _____

	Company:	Date/Time:		Company:	Date/Time:
Relinquished by:	amec	3/9/15	Received by:	GP-07	3/9/15
Relinquished by:	GP-07	3/9/15	Received by:	025	3/9/15 1436
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.3, dated 12/05/2013

Chain of Custody Record

Onsite Environmental

03-068

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Onsite Labs, Redmond, WA

Client Contact	Project Manager: Tasya Gray (AMEC)	Site Contact: Nathan Moxley	3/5/2015	COC No: 7
Amec	Tel/Fax:	Lab Contact: Tasya Gray	Carrier:	Page 1 of 12
600 University St., Suite 600	Analysis Turnaround Time			Sampler: Nathan Moxley
Seattle, WA	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
206-342-1760	TAT if different from Below			Walk-in Client:
	☐ 2 weeks			Lab Sampling:
Project Name: NCD - B8 Sub Slab samples, round 2	☐ 1 week			
Site: Former Kelly-Moore	☑ 2 days SB 3/9/15			Job / SDG No.:
P O #: 16110	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Archive	PCBs	80 Moisture	Sample Specific Notes:
69 KM-15-B08- COMP 40	3/9/2015	0929	C	Soil	1				X	X	
70 KM-15-B08- COMP 39	3/9/2015	0930	C	Soil	1				X	↓	
71 KM-15-B08- COMP 38	3/9/2015	0931	C	Soil	1				X		
72 KM-15-B08- 77B	3/9/2015	0932	G	Soil	1			X			
73 KM-15-B08- 78B	3/9/2015	0933	↓	Soil	1			X			
74 KM-15-B08- 79B	3/9/2015	0934		Soil	1			X			
75 KM-15-B08- 80B	3/9/2015	0935		Soil	1			X			
76 KM-15-B08- 85B	3/9/2015	0935		Soil	1			X			
77 KM-15-B08- 86B	3/9/2015	0936		Soil	1			X			
78 KM-15-B08- 87B	3/9/2015	0937		Soil	1			X			
79 KM-15-B08- 88B	3/9/2015	0938		Soil	1			X			
80 KM-15-B08- 89B	3/9/2015	0939		Soil	1			X			

Preservation Used: 1= Ice, 2= HCl; 3= H_2SO_4; 4=HNO_3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☑ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

1400

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd: _____ Corr'd: _____		Therm ID No.: _____
Relinquished by:	Company: amec	Date/Time: 3/9/15	Received by:	Company: Spectrum	Date/Time: 3/9/15
Relinquished by:	Company: Spectrum	Date/Time: 3/9/15	Received by:	Company: ONSITE	Date/Time: 3/9/15 1436
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.3, dated 12/05/2013

Chain of Custody Record

Onsite Environmental

03-068

Regulatory Program: ☐DW ☐NPDES ☐RCRA ☐Other:

Onsite Labs, Redmond, WA

Client Contact	Project Manager: Tasya Gray (AMEC)	Site Contact: Nathan Moxley	3/5/2015	COC No:
Amec	Tel/Fax:	Lab Contact: Tasya Gray	Carrier:	Page 8 of 12
600 University St., Suite 600	Analysis Turnaround Time			Sampler: Nathan Moxley
Seattle, WA	☐CALENDAR DAYS ☐WORKING DAYS			For Lab Use Only:
206-342-1760	TAT if different from Below ____			Walk-in Client:
	☐ 2 weeks			Lab Sampling:
Project Name: NCD - B8 Sub Slab samples, round 2	☐ 1 week			
Site: Former Kelly-Moore	☑ 2 days			Job / SDG No.:
P.O#: 16110	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Archive	PCBs	%Moisture	Sample Specific Notes:
81 KM-15-B08-90B	3/9/2015	0940	G	Soil	1			X			
82 KM-15-B08-92B	3/9/2015	0942	"	Soil	1			X			
83 KM-15-B08-93B	3/9/2015	0943	"	Soil	1			X			
84 KM-15-B08-94B	3/9/2015	0944	"	Soil	1			X			
85 KM-15-B08-95B	3/9/2015	0945	"	Soil	1			X			
86 KM-15-B08-96B	3/9/2015	0946	"	Soil	1			X			
87 KM-15-B08-97B	3/9/2015	0947	"	Soil	1			X			
88 KM-15-B08-98B	3/9/2015	0948	"	Soil	1			X			
89 KM-15-B08-99B	3/9/2015	0949	"	Soil	1			X			
90 KM-15-B08-100B	3/9/2015	0950	"	Soil	1			X			
91 KM-15-B08-101B	3/9/2015	0951	"	Soil	1			X			
92 KM-15-B08-102B	3/9/2015	0952	"	Soil	1			X			

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other ____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐Non-Hazard ☐Flammable ☐Skin Irritant ☐Poison B ☑Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐Return to Client ☐Disposal by Lab ☐Archive for ____ Months

Special Instructions/QC Requirements & Comments:

1400

Custody Seals Intact: ☐Yes ☐No	Custody Seal No.:		Cooler Temp. (°C): Obs'd: ____ Corr'd: ____	Therm ID No.: ____
Relinquished by:	Company: AMEC	Date/Time: 3/9/15	Received by:	Company: SPECTRUM	Date/Time: 3/9/15
Relinquished by:	Company: SPECTRUM	Date/Time: 3/9/15	Received by:	Company: ONSITE	Date/Time: 3/9/15 1436
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.3, dated 12/05/2013

Chain of Custody Record

Onsite Environmental

03-068

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Onsite Labs, Redmond, WA

Client Contact	Project Manager: Tasya Gray (AMEC)	Site Contact: Nathan Moxley	3/5/2015	COC No:
Amec	Tel/Fax:	Lab Contact: Tasya Gray	Carrier:	Page 9 of 12
600 University St., Suite 600	Analysis Turnaround Time			Sampler: Nathan Moxley
Seattle, WA	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
206-342-1760	TAT if different from Below			Walk-in Client:
	☐ 2 weeks			Lab Sampling:
Project Name: NCD - B8 Sub Slab samples, round 2	☐ 1 week			
Site: Former Kelly-Moore	☑ 2 days			Job / SDG No.:
P.O #: 16110	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Archive	PCBs	8 Homologs	Sample Specific Notes:
93 KM-15-B08- 103B	3/9/2015	0953	G	Soil	1			X			
94 KM-15-B08- 105B	3/9/2015	0954	G	Soil	1			X			
95 KM-15-B08- COMP 42	3/9/2015	0955	Comp	Soil	1				X	X	
96 KM-15-B08- COMP 43	3/9/2015	0956	↓	Soil	1				X	↓	
97 KM-15-B08- COMP 44	3/9/2015	0957		Soil	1				X		
98 KM-15-B08- COMP 45	3/9/2015	0958		Soil	1				X		
99 KM-15-B08- COMP 46	3/9/2015	0959	↓	Soil	1				X	↓	
100 KM-15-B08- 106B	3/9/2015	1000	G	Soil	1			X			
101 KM-15-B08- 107B	3/9/2015	1001	G	Soil	1			↓			
102 KM-15-B08- 108B	3/9/2015	1002	↓	Soil	1						
103 KM-15-B08- 109B	3/9/2015	1003	↓	Soil	1						
104 KM-15-B08- 111B	3/9/2015	1004	↓	Soil	1			↓			

Preservation Used: 1= Ice, 2= HCl; 3= H_2SO_4; 4=HNO_3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☑ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

1400

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd: _____ Corr'd: _____ | Therm ID No.: _____

	Company	Date/Time		Company	Date/Time
Relinquished by:	Amec	3/9/15	Received by:	SPECD	3/9/15
Relinquished by:	SPECD	3/9/15	Received by:	ONE	3/9/15 1436
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.3, dated 12/05/2013

Chain of Custody Record

Onsite Environmental

03-068

Regulatory Program: ☐DW ☐NPDES ☐RCRA ☐Other:

Onsite Labs, Redmond, WA

Client Contact	Project Manager: Tasya Gray (AMEC)	Site Contact: Nathan Moxley	3/5/2015	COC No:
Amec	Tel/Fax:	Lab Contact: Tasya Gray	Carrier:	Page 10 of 12
600 University St., Suite 600	Analysis Turnaround Time			Sampler: Nathan Moxley
Seattle, WA	☐CALENDAR DAYS ☐WORKING DAYS			For Lab Use Only:
206-342-1760	TAT if different from Below			Walk-in Client:
	☐ 2 weeks			Lab Sampling:
Project Name: NCD - B8 Sub Slab samples, round 2	☐ 1 week			
Site: Former Kelly-Moore	☑ 2 days			Job / SDG No.:
P O #: 16110	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Archive	PCBs	8260 moisture	Sample Specific Notes:
105 KM-15-B08-112B	3/9/2015	1005	G	Soil	1			X			
106 KM-15-B08-113B	3/9/2015	1006	"	Soil	1			X			
107 KM-15-B08-114B	3/9/2015	1007	"	Soil	1			X			
108 KM-15-B08-115B	3/9/2015	1008	"	Soil	1			X			
109 KM-15-B08-116B	3/9/2015	1009	"	Soil	1			X			
110 KM-15-B08-117B	3/9/2015	1010	"	Soil	1			X			
111 KM-15-B08-118B	3/9/2015	1011	"	Soil	1			X			
112 KM-15-B08-119B	3/9/2015	1012	"	Soil	1			X			
113 KM-15-B08-120B	3/9/2015	1013	"	Soil	1			X			
114 KM-15-B08-121B	3/9/2015	1014	"	Soil	1			X			
115 KM-15-B08-122B	3/9/2015	1015	"	Soil	1			X			
116 KM-15-B08-123B	3/9/2015	1016	"	Soil	1			X			

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐Non-Hazard ☐Flammable ☐Skin Irritant ☐Poison B ☑Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐Return to Client ☐Disposal by Lab ☐Archive for _____ Months

Special Instructions/QC Requirements & Comments:

1400

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd: _____ Corr'd: _____		Therm ID No.: _____
Relinquished by:	Company: amec	Date/Time: 3/9/15	Received by:	Company: GP-corp	Date/Time: 3/9/15
Relinquished by:	Company: GP-corp	Date/Time: 3/9/15	Received by:	Company: ORE	Date/Time: 3/9/15 1436
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.3, dated 12/05/2013

Chain of Custody Record

Onsite Environmental

03-068

Regulatory Program: ☐DW ☐NPDES ☐RCRA ☐Other:

Onsite Labs, Redmond, WA

Client Contact	Project Manager: Tasya Gray (AMEC)	Site Contact: Nathan Moxley	3/5/2015	COC No:
Amec	Tel/Fax:	Lab Contact: Tasya Gray	Carrier:	Page 11 of 12
600 University St., Suite 600	Analysis Turnaround Time			Sampler: Nathan Moxley
Seattle, WA	☐CALENDAR DAYS ☐WORKING DAYS			For Lab Use Only:
206-342-1760	TAT if different from Below _____			Walk-in Client:
	☐ 2 weeks			Lab Sampling:
Project Name: NCD - B8 Sub Slab samples, round 2	☐ 1 week			Job / SDG No.:
Site: Former Kelly-Moore	☑ 2 days			
P O #: 16110	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Archive	PCBs	8270SIM PAHs	Sample Specific Notes:
117 KM-15-B08- 128B	3/9/2015	1017	G	Soil	1			X			
118 KM-15-B08- 129B	3/9/2015	1018	↓	Soil	1			↓			
119 KM-15-B08- 130B	3/9/2015	1019	↓	Soil	1			↓			
120 KM-15-B08- 131B	3/9/2015	1020	↓	Soil	1			↓			
121 KM-15-B08- COMP47	3/9/2015	1100	Comp	Soil	1				X	X	
122 KM-15-B08- COMP48	3/9/2015	1101	↓	Soil	1				↓	↓	
123 KM-15-B08- COMP49	3/9/2015	1102	↓	Soil	1				↓	↓	
124 KM-15-B08- COMP50	3/9/2015	1103	↓	Soil	1				↓	↓	
125 KM-15-B08- COMP51	3/9/2015	1104	↓	Soil	1				↓	↓	
126 KM-15-B08- COMP52	3/9/2015	1105	↓	Soil	1				↓	↓	
127 KM-15-B08- COMP53	3/9/2015	1106	↓	Soil	1				↓	↓	
128 KM-15-B08- COMP26	3/9/2015	1302	↓	Soil	1				↓	↓	

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐Non-Hazard ☐Flammable ☐Skin Irritant ☐Poison B ☑Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐Return to Client ☐Disposal by Lab ☐Archive for _____ Months

Special Instructions/QC Requirements & Comments:

1400

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:	Cooler Temp. (°C): Obs'd: _____ Corr'd: _____	Therm ID No.: _____
Relinquished by:	Company: Amec	Date/Time: 3/9/15	Received by:	Company: SP-CD-1	Date/Time: 3/9/15
Relinquished by:	Company: SP-CD-1	Date/Time: 3/9/15	Received by:	Company: OSE	Date/Time: 3/9/15 1436
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Chain of Custody Record

Onsite Environmental

Regulatory Program: ☐DW ☐NPDES ☐RCRA ☐Other:

03-068

Onsite Labs, Redmond, WA

Client Contact	Project Manager: Tasya Gray (AMEC)	Site Contact: Nathan Moxley	3/5/2015	COC No:
Amec	Tel/Fax:	Lab Contact: Tasya Gray	Carrier:	Page 12 of 12
600 University St., Suite 600	Analysis Turnaround Time			Sampler: Nathan Moxley
Seattle, WA	☐CALENDAR DAYS ☐WORKING DAYS			For Lab Use Only:
206-342-1760	TAT if different from Below			Walk-in Client:
	☐ 2 weeks			Lab Sampling:
Project Name: NCD - B8 Sub Slab samples, round 2	☐ 1 week			Job / SDG No.:
Site: Former Kelly-Moore	☑ 2 days			
P O #: 16110	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Archive	PCBs	% MOISTURE	Sample Specific Notes:
129 KM-15-B08- 110B	3/9/2015	1301	G	Soil	1			X			
130 KM-15-B08- COMP25	3/9/2015	1303	C	Soil	1				X	X	
131 KM-15-B08- 104B	3/9/2015	1300	G	Soil	1			X			
~~132 KM-15-B08- COMP26~~	~~3/9/2015~~	~~1302~~	~~C~~	~~Soil~~	~~1~~				~~X~~	X	Onw 3/9/15
~~133~~ 132 KM-15-B08- COMP 27	3/9/2015	1314	C	Soil	1				X		
~~134~~ 133 KM-15-B08- COMP 28	3/9/2015	1315	C	Soil	1				X		
~~135~~ 134 KM-15-B08- COMP 29	3/9/2015	1316	C	Soil	1				X		
~~KM-15-B08-~~	~~3/9/2015~~			~~Soil~~	~~1~~						
KM-15-B08-	3/9/2015			Soil	1						
KM-15-B08-	~~3/9/2015~~			Soil	1						
KM-15-B08-	3/9/2015			Soil	1						
~~KM-15-B08-~~	~~3/9/2015~~			~~Soil~~	~~1~~						

DB 3/9/15

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐Non-Hazard ☐Flammable ☐Skin Irritant ☐Poison B ☑Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐Return to Client ☐Disposal by Lab ☐Archive for _____ Months

Special Instructions/QC Requirements & Comments:

1400

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd: _____	Corr'd: _____	Therm ID No.: _____
Relinquished by:	Company: Amec	Date/Time: 3/9/15	Received by:	Company: SPanDT	Date/Time: 3/9/15 2027
Relinquished by:	Company: SPanDT	Date/Time: 3/9/15 2356	Received by:	Company: ONE	Date/Time: 3/9/15 1436
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

OnSite Environmental Inc.

14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

March 18, 2015

Tasya Gray
AMEC Environment and Infrastructure, Inc.
One Union Square
600 University Street, Suite 600
Seattle, WA 98101

Re: Analytical Data for Project 14697
Laboratory Reference No. 1503-143

Dear Tasya:

Enclosed are the analytical results and associated quality control data for samples submitted on March 16, 2015.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

David Baumeister
Project Manager

Enclosures

Date of Report: March 18, 2015
Samples Submitted: March 16, 2015
Laboratory Reference: 1503-143
Project: 14697

Case Narrative

Samples were collected on March 13, 2015 and received by the laboratory on March 13, 2015. They were maintained at the laboratory at a temperature of 2°C to 6°C.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

Date of Report: March 18, 2015
Samples Submitted: March 16, 2015
Laboratory Reference: 1503-143
Project: 14697

PCBs
EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM15-B08-Comp 30B**					
Laboratory ID:	03-143-51					
Aroclor 1016	**ND**	0.052	EPA 8082A	3-17-15	3-17-15	
Aroclor 1221	**ND**	0.052	EPA 8082A	3-17-15	3-17-15	
Aroclor 1232	**ND**	0.052	EPA 8082A	3-17-15	3-17-15	
Aroclor 1242	**ND**	0.052	EPA 8082A	3-17-15	3-17-15	
Aroclor 1248	**ND**	0.052	EPA 8082A	3-17-15	3-17-15	
Aroclor 1254	**ND**	0.052	EPA 8082A	3-17-15	3-17-15	
Aroclor 1260	**0.19**	0.052	EPA 8082A	3-17-15	3-17-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*104*	*55-140*				
Client ID:	**KM15-B08-Comp 31B**					
Laboratory ID:	03-143-52					
Aroclor 1016	**ND**	0.059	EPA 8082A	3-17-15	3-17-15	
Aroclor 1221	**ND**	0.059	EPA 8082A	3-17-15	3-17-15	
Aroclor 1232	**ND**	0.059	EPA 8082A	3-17-15	3-17-15	
Aroclor 1242	**ND**	0.059	EPA 8082A	3-17-15	3-17-15	
Aroclor 1248	**ND**	0.059	EPA 8082A	3-17-15	3-17-15	
Aroclor 1254	**ND**	0.059	EPA 8082A	3-17-15	3-17-15	
Aroclor 1260	**0.63**	0.059	EPA 8082A	3-17-15	3-17-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*104*	*55-140*				
Client ID:	**KM15-B08-Comp 32B**					
Laboratory ID:	03-143-53					
Aroclor 1016	**ND**	0.065	EPA 8082A	3-17-15	3-17-15	
Aroclor 1221	**ND**	0.065	EPA 8082A	3-17-15	3-17-15	
Aroclor 1232	**ND**	0.065	EPA 8082A	3-17-15	3-17-15	
Aroclor 1242	**ND**	0.065	EPA 8082A	3-17-15	3-17-15	
Aroclor 1248	**ND**	0.065	EPA 8082A	3-17-15	3-17-15	
Aroclor 1254	**ND**	0.065	EPA 8082A	3-17-15	3-17-15	
Aroclor 1260	**0.36**	0.065	EPA 8082A	3-17-15	3-17-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*98*	*55-140*				

Date of Report: March 18, 2015
Samples Submitted: March 16, 2015
Laboratory Reference: 1503-143
Project: 14697

PCBs
EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM15-B08-Comp 41B**					
Laboratory ID:	03-143-54					
Aroclor 1016	**ND**	0.058	EPA 8082A	3-17-15	3-17-15	
Aroclor 1221	**ND**	0.058	EPA 8082A	3-17-15	3-17-15	
Aroclor 1232	**ND**	0.058	EPA 8082A	3-17-15	3-17-15	
Aroclor 1242	**ND**	0.058	EPA 8082A	3-17-15	3-17-15	
Aroclor 1248	**ND**	0.058	EPA 8082A	3-17-15	3-17-15	
Aroclor 1254	**ND**	0.058	EPA 8082A	3-17-15	3-17-15	
Aroclor 1260	**ND**	0.058	EPA 8082A	3-17-15	3-17-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*104*	*55-140*				
Client ID:	**KM15-B08-Comp 54**					
Laboratory ID:	03-143-55					
Aroclor 1016	**ND**	0.057	EPA 8082A	3-17-15	3-17-15	
Aroclor 1221	**ND**	0.057	EPA 8082A	3-17-15	3-17-15	
Aroclor 1232	**ND**	0.057	EPA 8082A	3-17-15	3-17-15	
Aroclor 1242	**ND**	0.057	EPA 8082A	3-17-15	3-17-15	
Aroclor 1248	**ND**	0.057	EPA 8082A	3-17-15	3-17-15	
Aroclor 1254	**ND**	0.057	EPA 8082A	3-17-15	3-17-15	
Aroclor 1260	**1.1**	0.057	EPA 8082A	3-17-15	3-17-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*98*	*55-140*				
Client ID:	**KM15-B08-Comp 40B**					
Laboratory ID:	03-143-56					
Aroclor 1016	**ND**	0.057	EPA 8082A	3-17-15	3-17-15	
Aroclor 1221	**ND**	0.057	EPA 8082A	3-17-15	3-17-15	
Aroclor 1232	**ND**	0.057	EPA 8082A	3-17-15	3-17-15	
Aroclor 1242	**ND**	0.057	EPA 8082A	3-17-15	3-17-15	
Aroclor 1248	**ND**	0.057	EPA 8082A	3-17-15	3-17-15	
Aroclor 1254	**ND**	0.057	EPA 8082A	3-17-15	3-17-15	
Aroclor 1260	**0.31**	0.057	EPA 8082A	3-17-15	3-17-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*104*	*55-140*				

Date of Report: March 18, 2015
Samples Submitted: March 16, 2015
Laboratory Reference: 1503-143
Project: 14697

PCBs
EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM15-B08-Comp 55**					
Laboratory ID:	03-143-57					
Aroclor 1016	**ND**	0.062	EPA 8082A	3-17-15	3-17-15	
Aroclor 1221	**ND**	0.062	EPA 8082A	3-17-15	3-17-15	
Aroclor 1232	**ND**	0.062	EPA 8082A	3-17-15	3-17-15	
Aroclor 1242	**ND**	0.062	EPA 8082A	3-17-15	3-17-15	
Aroclor 1248	**ND**	0.062	EPA 8082A	3-17-15	3-17-15	
Aroclor 1254	**ND**	0.062	EPA 8082A	3-17-15	3-17-15	
Aroclor 1260	**0.42**	0.062	EPA 8082A	3-17-15	3-17-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*88*	*55-140*				
Client ID:	**KM15-B08-Comp 39B**					
Laboratory ID:	03-143-58					
Aroclor 1016	**ND**	0.059	EPA 8082A	3-17-15	3-17-15	
Aroclor 1221	**ND**	0.059	EPA 8082A	3-17-15	3-17-15	
Aroclor 1232	**ND**	0.059	EPA 8082A	3-17-15	3-17-15	
Aroclor 1242	**ND**	0.059	EPA 8082A	3-17-15	3-17-15	
Aroclor 1248	**ND**	0.059	EPA 8082A	3-17-15	3-17-15	
Aroclor 1254	**ND**	0.059	EPA 8082A	3-17-15	3-17-15	
Aroclor 1260	**0.46**	0.059	EPA 8082A	3-17-15	3-17-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*92*	*55-140*				
Client ID:	**KM15-B08-Comp 29B**					
Laboratory ID:	03-143-59					
Aroclor 1016	**ND**	0.055	EPA 8082A	3-17-15	3-17-15	
Aroclor 1221	**ND**	0.055	EPA 8082A	3-17-15	3-17-15	
Aroclor 1232	**ND**	0.055	EPA 8082A	3-17-15	3-17-15	
Aroclor 1242	**ND**	0.055	EPA 8082A	3-17-15	3-17-15	
Aroclor 1248	**ND**	0.055	EPA 8082A	3-17-15	3-17-15	
Aroclor 1254	**ND**	0.055	EPA 8082A	3-17-15	3-17-15	
Aroclor 1260	**0.54**	0.055	EPA 8082A	3-17-15	3-17-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*104*	*55-140*				

Date of Report: March 18, 2015
Samples Submitted: March 16, 2015
Laboratory Reference: 1503-143
Project: 14697

PCBs
EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM15-B08-Comp 42B**					
Laboratory ID:	03-143-60					
Aroclor 1016	**ND**	0.053	EPA 8082A	3-17-15	3-17-15	
Aroclor 1221	**ND**	0.053	EPA 8082A	3-17-15	3-17-15	
Aroclor 1232	**ND**	0.053	EPA 8082A	3-17-15	3-17-15	
Aroclor 1242	**ND**	0.053	EPA 8082A	3-17-15	3-17-15	
Aroclor 1248	**ND**	0.053	EPA 8082A	3-17-15	3-17-15	
Aroclor 1254	**ND**	0.053	EPA 8082A	3-17-15	3-17-15	
Aroclor 1260	**0.54**	0.053	EPA 8082A	3-17-15	3-17-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*104*	*55-140*				
Client ID:	**KM15-B08-Comp 43B**					
Laboratory ID:	03-143-61					
Aroclor 1016	**ND**	0.055	EPA 8082A	3-17-15	3-17-15	
Aroclor 1221	**ND**	0.055	EPA 8082A	3-17-15	3-17-15	
Aroclor 1232	**ND**	0.055	EPA 8082A	3-17-15	3-17-15	
Aroclor 1242	**ND**	0.055	EPA 8082A	3-17-15	3-17-15	
Aroclor 1248	**ND**	0.055	EPA 8082A	3-17-15	3-17-15	
Aroclor 1254	**ND**	0.055	EPA 8082A	3-17-15	3-17-15	
Aroclor 1260	**0.44**	0.055	EPA 8082A	3-17-15	3-17-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*98*	*55-140*				
Client ID:	**KM15-B08-Comp 44B**					
Laboratory ID:	03-143-62					
Aroclor 1016	**ND**	0.053	EPA 8082A	3-17-15	3-17-15	
Aroclor 1221	**ND**	0.053	EPA 8082A	3-17-15	3-17-15	
Aroclor 1232	**ND**	0.053	EPA 8082A	3-17-15	3-17-15	
Aroclor 1242	**ND**	0.053	EPA 8082A	3-17-15	3-17-15	
Aroclor 1248	**ND**	0.053	EPA 8082A	3-17-15	3-17-15	
Aroclor 1254	**ND**	0.053	EPA 8082A	3-17-15	3-17-15	
Aroclor 1260	**0.20**	0.053	EPA 8082A	3-17-15	3-17-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*91*	*55-140*				

Date of Report: March 18, 2015
Samples Submitted: March 16, 2015
Laboratory Reference: 1503-143
Project: 14697

PCBs
EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM15-B08-Comp 34B**					
Laboratory ID:	03-143-63					
Aroclor 1016	**ND**	0.054	EPA 8082A	3-17-15	3-17-15	
Aroclor 1221	**ND**	0.054	EPA 8082A	3-17-15	3-17-15	
Aroclor 1232	**ND**	0.054	EPA 8082A	3-17-15	3-17-15	
Aroclor 1242	**ND**	0.054	EPA 8082A	3-17-15	3-17-15	
Aroclor 1248	**ND**	0.054	EPA 8082A	3-17-15	3-17-15	
Aroclor 1254	**ND**	0.054	EPA 8082A	3-17-15	3-17-15	
Aroclor 1260	**0.16**	0.054	EPA 8082A	3-17-15	3-17-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*88*	*55-140*				
Client ID:	**KM15-B08-Comp 36B**					
Laboratory ID:	03-143-64					
Aroclor 1016	**ND**	0.059	EPA 8082A	3-17-15	3-17-15	
Aroclor 1221	**ND**	0.059	EPA 8082A	3-17-15	3-17-15	
Aroclor 1232	**ND**	0.059	EPA 8082A	3-17-15	3-17-15	
Aroclor 1242	**ND**	0.059	EPA 8082A	3-17-15	3-17-15	
Aroclor 1248	**ND**	0.059	EPA 8082A	3-17-15	3-17-15	
Aroclor 1254	**ND**	0.059	EPA 8082A	3-17-15	3-17-15	
Aroclor 1260	**0.22**	0.059	EPA 8082A	3-17-15	3-17-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*103*	*55-140*				
Client ID:	**KM15-B08-Dup1-031315**					
Laboratory ID:	03-143-65					
Aroclor 1016	**ND**	0.062	EPA 8082A	3-17-15	3-17-15	
Aroclor 1221	**ND**	0.062	EPA 8082A	3-17-15	3-17-15	
Aroclor 1232	**ND**	0.062	EPA 8082A	3-17-15	3-17-15	
Aroclor 1242	**ND**	0.062	EPA 8082A	3-17-15	3-17-15	
Aroclor 1248	**ND**	0.062	EPA 8082A	3-17-15	3-17-15	
Aroclor 1254	**ND**	0.062	EPA 8082A	3-17-15	3-17-15	
Aroclor 1260	**0.48**	0.062	EPA 8082A	3-17-15	3-17-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*81*	*55-140*				

Date of Report: March 18, 2015
Samples Submitted: March 16, 2015
Laboratory Reference: 1503-143
Project: 14697

PCBs EPA 8082A
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0317S2					
Aroclor 1016	**ND**	0.050	EPA 8082A	3-17-15	3-17-15	
Aroclor 1221	**ND**	0.050	EPA 8082A	3-17-15	3-17-15	
Aroclor 1232	**ND**	0.050	EPA 8082A	3-17-15	3-17-15	
Aroclor 1242	**ND**	0.050	EPA 8082A	3-17-15	3-17-15	
Aroclor 1248	**ND**	0.050	EPA 8082A	3-17-15	3-17-15	
Aroclor 1254	**ND**	0.050	EPA 8082A	3-17-15	3-17-15	
Aroclor 1260	**ND**	0.050	EPA 8082A	3-17-15	3-17-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*104*	*55-140*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
MATRIX SPIKES											
Laboratory ID:	03-145-04										
	MS	MSD	MS	MSD		MS	MSD				
Aroclor 1260	**0.443**	**0.503**	0.500	0.500	ND	**89**	**101**	46-136	13	17	
Surrogate:											
DCB						*87*	*96*	*55-140*			

Date of Report: March 18, 2015
Samples Submitted: March 16, 2015
Laboratory Reference: 1503-143
Project: 14697

% MOISTURE

Date Analyzed: 3-17-15

Client ID	Lab ID	% Moisture
KM15-B08-Comp 30B	03-143-51	4
KM15-B08-Comp 31B	03-143-52	15
KM15-B08-Comp 32B	03-143-53	23
KM15-B08-Comp 41B	03-143-54	13
KM15-B08-Comp 54	03-143-55	13
KM15-B08-Comp 40B	03-143-56	13
KM15-B08-Comp 55	03-143-57	19
KM15-B08-Comp 39B	03-143-58	15
KM15-B08-Comp 29B	03-143-59	9
KM15-B08-Comp 42B	03-143-60	6
KM15-B08-Comp 43B	03-143-61	10
KM15-B08-Comp 44B	03-143-62	5
KM15-B08-Comp 34B	03-143-63	7
KM15-B08-Comp 36B	03-143-64	16
KM15-B08-Dup1-031315	03-143-65	19

OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-napthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

X1- Sample extract treated with a Sulfuric acid/Silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in method 8260C, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

Chain of Custody

OnSite Environmental Inc.
Analytical Laboratory Testing Services
14648 NE 95th Street • Redmond, WA 98052
Phone: (425) 883-3881 • www.onsite-env.com

Company: AMEC
Project Number: Kelly-Moore Soil Ex
Project Name: 14697
Project Manager: Tasya Gray
Sampled by: ~~NM~~ Nathan Moxley

Turnaround Request (in working days)
(Check One)
☐ Same Day ☐ 1 Day
☒ 2 Days ☐ 3 Days
☒ ~~Standard (7 Days)~~ NM 3/13/15
(TPH analysis 5 Days)
☐ _____ (other)

Laboratory Number: 03-143

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx	Volatiles 8260C	Halogenated Volatiles 8260C	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorous Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A	Archive	% Moisture
	~~B7 - piping - B5 - 5.0~~	03/13/15	0750	~~Soil~~																			
	~~B7 - piping - SIB - 4.0~~		0755	~~Soil~~																			
1	KM15 - B08 - 1C	03/13/15	1220	Soil	1									⊗								X	
2	KM15 - B08 - 2C		1221																				
3	KM15 - B08 - 3C		1222											⊗									
4	KM15 - B08 - 4C		1223											⊗									
5	KM15 - B08 - 5C		1224											⊗									
6	KM15 - B08 - 6C		1225											⊗									
7	KM15 - B08 - 8C		1226																				
8	KM15 - B08 - 9C		1227																				

requested via email 3/19 - NM

	Signature	Company	Date	Time
Relinquished		AMEC	3/15/15	2030
Received		GPRO	3/16/15	923
Relinquished		GPRO	3/16/15	1124
Received		OnSite Env	3/16/15	1124
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

Chromatograms with final report ☐

Data Package: Standard ☐ Level III ☐ Level IV ☐

Electronic Data Deliverables (EDDs) ☐ _____

Chain of Custody

OnSite Environmental Inc.
Analytical Laboratory Testing Services
14648 NE 95th Street • Redmond, WA 98052
Phone: (425) 883-3881 • www.onsite-env.com

Laboratory Number: 03-143

Company: AMEC
Project Number: 14097
Project Name: Kelly-Moore Soil Ex
Project Manager: Tasya Gray
Sampled by: Nathan Moxley

Turnaround Request (in working days)
(Check One)
☐ Same Day ☐ 1 Day
☒ 2 Days ☐ 3 Days
~~☒~~ Standard (7 Days) NM 3/16/15
(TPH analysis 5 Days)
☐ _____ (other)

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx	Volatiles 8260C	Halogenated Volatiles 8260C	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A	Archive					% Moisture
9	KM15-B08-10C	03/13/15	1228	Soil	1									⊗								X					
10	KM15-B08-11C		1229											⊗													
11	KM15-B08-12C		1230											⊗													
12	KM15-B08-13C		1231											⊗													
13	KM15-B08-43C		1320																								
14	KM15-B08-44C		1321																								
15	KM15-B08-45C		1322																								
16	KM15-B08-46B		1323											⊗													
17	KM15-B08-47B		1324											⊗													
18	KM15-B08-48B		1325											⊗													

	Signature	Company	Date	Time	Comments/Special Instructions
Relinquished		AMEC	3/15/15	2030	
Received		GPRS	3/16/15	923	
Relinquished		GPRS	3/16/15	1120	
Received		OnSite	3/16/15	1120	
Relinquished					
Received					
Reviewed/Date		Reviewed/Date			Chromatograms with final report ☐

Data Package: Standard ☐ Level III ☐ Level IV ☐ Electronic Data Deliverables (EDDs) ☐ _____

Chain of Custody

OnSite Environmental Inc.
Analytical Laboratory Testing Services
14648 NE 95th Street • Redmond, WA 98052
Phone: (425) 883-3881 • www.onsite-env.com

Company: AMEC
Project Number: 140197
Project Name: Kelly-Moore Soil Ex
Project Manager: Tasya Gray
Sampled by: Nathan Moxley

Turnaround Request (in working days)
(Check One)
☐ Same Day ☐ 1 Day
☒ 2 Days ☐ 3 Days
~~☒ Standard (7 Days)~~ NM 3/10/15
(TPH analysis 5 Days)
☐ _____ (other)

Laboratory Number: 03-143

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx	Volatiles 8260C	Halogenated Volatiles 8260C	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A	Archive						% Moisture
19	KM15-B08-50C	03/13/15	1326	Soil	1									⊗								X					
20	KM15-B08-51C		1327											⊗													
21	KM15-B08-52C		1328											⊗													
22	KM15-B08-53B		1329											⊗													
23	KM15-B08-54B		1330											⊗													
24	KM15-B08-55B		1331											⊗													
25	KM15-B08-57C		1332											⊗													
26	KM15-B08-58C		1333											⊗													
27	KM15-B08-59C		1334											⊗													
28	KM15-B08-60C		1335											⊗													

	Signature	Company	Date	Time
Relinquished		AMEC	3/13/15	2030
Received		GPRS DY	3/14/15	923
Relinquished		GPRS DY	3/14/15	1121
Received		ALS-KE ED	3/14/15	1121
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

Chromatograms with final report ☐

Data Package: Standard ☐ Level III ☐ Level IV ☐ Electronic Data Deliverables (EDDs) ☐ _____

Chain of Custody

OnSite Environmental Inc.
Analytical Laboratory Testing Services
14648 NE 95th Street • Redmond, WA 98052
Phone: (425) 883-3881 • www.onsite-env.com

Company: AMEC
Project Number: 14697
Project Name: Kelly-Moore Soil Ex
Project Manager: Tasya Gray
Sampled by: Nathan Moxley

Turnaround Request (in working days)
(Check One)
☐ Same Day ☐ 1 Day
☒ 2 Days ☐ 3 Days
~~☒ Standard (7 Days)~~ NM 3/13/15
(TPH analysis 5 Days)
☐ _____ (other)

Laboratory Number: 03-143

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx	Volatiles 8260C	Halogenated Volatiles 8260C	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A	Archive						% Moisture
29	KM15-B08-61C	03/13/15	1336	Soil	1									⊗								X					
30	KM15-B08-77C		1345											⊗													
31	KM15-B08-78C		1346											⊗													
32	KM15-B08-85C		1348											⊗													
33	KM15-B08-86C		1349											⊗													
34	KM15-B08-145B		1110											⊗													
35	KM15-B08-149B		1111											⊗													
36	KM15-B08-150B		1112											⊗													
37	KM15-B08-151B		1113											⊗													
38	KM15-B08-93C	↓	1351	↓	↓																	↓					

	Signature	Company	Date	Time
Relinquished		AMEC	3/15/15	2030
Received		GRD	3/15/15	423
Relinquished		GRD	3/16/15	1120
Received		OnSite Env	3/16/15	1120
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

Chromatograms with final report ☐

Data Package: Standard ☐ Level III ☐ Level IV ☐ Electronic Data Deliverables (EDDs) ☐ _____

Chain of Custody

OnSite Environmental Inc.
Analytical Laboratory Testing Services
14648 NE 95th Street • Redmond, WA 98052
Phone: (425) 883-3881 • www.onsite-env.com

Company: AMEC
Project Number: 14697
Project Name: Kelly-Moore Soil Ex
Project Manager: Tasya Gray
Sampled by: Nathan Moxley

Turnaround Request (in working days)
(Check One)
☐ Same Day ☐ 1 Day
☒ 2 Days ☐ 3 Days
~~☒ Standard (7 Days)~~ N/A 3/13/15
(TPH analysis 5 Days)
☐ _____ (other)

Laboratory Number: 03-143

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx	Volatiles 8260C	Halogenated Volatiles 8260C	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A	Archive						% Moisture
39	KM15-B08-94C	03/13/15	1352	Soil	1									⊗								X					
40	KM15-B08-101C		1354											⊗													
41	KM15-B08-102C		1355											⊗													
42	KM15-B08-79C		1347											⊗													
43	KM15-B08-87C		1350											⊗													
44	KM15-B08-95C		1353											⊗													
45	KM15-B08-103C		1356											⊗													
46	KM15-B08-17C		1235																								
47	KM15-B08-24C		1236																								
48	KM15-B08-7C		1234																								

	Signature	Company	Date	Time
Relinquished		AMEC	3/15/15	2030
Received		SPECTRA	3/16/15	923
Relinquished		SPECTRA	3/16/15	1120
Received		OnSite Env	3/16/15	1120
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

Chromatograms with final report ☐

Data Package: Standard ☐ Level III ☐ Level IV ☐

Electronic Data Deliverables (EDDs) ☐ _____

Chain of Custody

OnSite Environmental Inc.
Analytical Laboratory Testing Services
14648 NE 95th Street • Redmond, WA 98052
Phone: (425) 883-3881 • www.onsite-env.com

Company: AMEC
Project Number: Kelly-Moore Soil Ex
Project Name: 14697
Project Manager: Tasya Gray
Sampled by: Nathan Moxley

Turnaround Request (in working days)

(Check One)

- ☐ Same Day
- ☐ 1 Day
- ☒ 2 Days
- ☐ 3 Days
- ~~☒ Standard (7 Days)~~ NM 3/13/15
- (TPH analysis 5 Days)
- ☐ _____ (other)

Laboratory Number: 03-143

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx	Volatiles 8260C	Halogenated Volatiles 8260C	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A	Archive					% Moisture
49	KM15-B08-14C	03/13/15	1232	Soil	1																	X					
50	KM15-B08-21C		1233																			X					
51	KM15-B08-Comp 30B		1304											X													X
52	KM15-B08-Comp 31B		1306																								
53	KM15-B08-Comp 32B		1308																								
54	KM15-B08-Comp 41B		1337																								
55	KM15-B08-Comp 54		1340																								
56	KM15-B08-Comp 40B		1338																								
57	KM15-B08-Comp 55		1341																								
58	KM15-B08-Comp 39B		1339																								

	Signature	Company	Date	Time
Relinquished		AMEC	3/15/15	2030
Received		SPECTRUM	3/16/15	924
Relinquished		SPECTRUM	3/16/15	1120
Received		Con-Test Eu	3/16/15	1120
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

Chromatograms with final report ☐

Data Package: Standard ☐ Level III ☐ Level IV ☐

Electronic Data Deliverables (EDDs) ☐ _____

Chain of Custody

OnSite Environmental Inc.
Analytical Laboratory Testing Services
14648 NE 95th Street • Redmond, WA 98052
Phone: (425) 883-3881 • www.onsite-env.com

Company: AMEC
Project Number: ~~KM~~ SL Kelly Moore Soil Ex
Project Name: 14697
Project Manager: Tasya Gray
Sampled by: Nathan Moxley

Turnaround Request (in working days)
(Check One)
☐ Same Day ☐ 1 Day
☒ 2 Days ☐ 3 Days
~~☒ Standard (7 Days)~~ NM 3/13
(TPH analysis 5 Days)
☐ _____ (other)

Laboratory Number: 03-143

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx	Volatiles 8260C	Halogenated Volatiles 8260C	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A	% Moisture
59	KM15-B08-comp-29B	03/13/15	1114	Soil	1									X								X
60	KM15-B08-comp-42B	↓	1400	↓	↓									↓								↓
61	KM15-B08-comp 43B		1401																			
62	KM15-B08-comp 44B		1402																			
63	KM15-B08-comp 34B		1312																			
64	KM15-B08-comp 36B	↓	1310	↓																		
65	KM15-B08-Dup1-031315	3/13/15	0900	Soil	↓									↓								

NM

	Signature	Company	Date	Time
Relinquished		AMEC	3/15/15	2030
Received		SPECD-1	3/16/15	924
Relinquished		SPECD-1	3/16/15	1120
Received		CETEC ENV	3/16/15	1120
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

Chromatograms with final report ☐

Data Package: Standard ☐ Level III ☐ Level IV ☐ Electronic Data Deliverables (EDDs) ☐ _____

OnSite Environmental Inc.

14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

March 23, 2015

Tasya Gray
AMEC Environment and Infrastructure, Inc.
One Union Square
600 University Street, Suite 600
Seattle, WA 98101

Re: Analytical Data for Project 14697
Laboratory Reference No. 1503-143B

Dear Tasya:

Enclosed are the analytical results and associated quality control data for samples submitted on March 16, 2015.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

David Baumeister
Project Manager

Enclosures

Date of Report: March 23, 2015
Samples Submitted: March 16, 2015
Laboratory Reference: 1503-143B
Project: 14697

Case Narrative

Samples were collected on March 13, 2015 and received by the laboratory on March 16, 2015. They were maintained at the laboratory at a temperature of 2°C to 6°C.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

Date of Report: March 23, 2015
Samples Submitted: March 16, 2015
Laboratory Reference: 1503-143B
Project: 14697

PCBs
EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM15-B08-3C**					
Laboratory ID:	03-143-03					
Aroclor 1016	**ND**	0.053	EPA 8082A	3-20-15	3-21-15	
Aroclor 1221	**ND**	0.053	EPA 8082A	3-20-15	3-21-15	
Aroclor 1232	**ND**	0.053	EPA 8082A	3-20-15	3-21-15	
Aroclor 1242	**ND**	0.053	EPA 8082A	3-20-15	3-21-15	
Aroclor 1248	**ND**	0.053	EPA 8082A	3-20-15	3-21-15	
Aroclor 1254	**0.14**	0.053	EPA 8082A	3-20-15	3-21-15	
Aroclor 1260	**0.17**	0.053	EPA 8082A	3-20-15	3-21-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*105*	*55-140*				
Client ID:	**KM15-B08-4C**					
Laboratory ID:	03-143-04					
Aroclor 1016	**ND**	0.062	EPA 8082A	3-20-15	3-21-15	
Aroclor 1221	**ND**	0.062	EPA 8082A	3-20-15	3-21-15	
Aroclor 1232	**ND**	0.062	EPA 8082A	3-20-15	3-21-15	
Aroclor 1242	**ND**	0.062	EPA 8082A	3-20-15	3-21-15	
Aroclor 1248	**ND**	0.062	EPA 8082A	3-20-15	3-21-15	
Aroclor 1254	**0.88**	0.062	EPA 8082A	3-20-15	3-21-15	
Aroclor 1260	**0.75**	0.062	EPA 8082A	3-20-15	3-21-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*80*	*55-140*				
Client ID:	**KM15-B08-5C**					
Laboratory ID:	03-143-05					
Aroclor 1016	**ND**	0.065	EPA 8082A	3-20-15	3-21-15	
Aroclor 1221	**ND**	0.065	EPA 8082A	3-20-15	3-21-15	
Aroclor 1232	**ND**	0.065	EPA 8082A	3-20-15	3-21-15	
Aroclor 1242	**ND**	0.065	EPA 8082A	3-20-15	3-21-15	
Aroclor 1248	**ND**	0.065	EPA 8082A	3-20-15	3-21-15	
Aroclor 1254	**0.43**	0.065	EPA 8082A	3-20-15	3-21-15	
Aroclor 1260	**0.27**	0.065	EPA 8082A	3-20-15	3-21-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*83*	*55-140*				

Date of Report: March 23, 2015
Samples Submitted: March 16, 2015
Laboratory Reference: 1503-143B
Project: 14697

PCBs
EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM15-B08-6C**					
Laboratory ID:	03-143-06					
Aroclor 1016	**ND**	0.062	EPA 8082A	3-20-15	3-21-15	
Aroclor 1221	**ND**	0.062	EPA 8082A	3-20-15	3-21-15	
Aroclor 1232	**ND**	0.062	EPA 8082A	3-20-15	3-21-15	
Aroclor 1242	**ND**	0.062	EPA 8082A	3-20-15	3-21-15	
Aroclor 1248	**ND**	0.062	EPA 8082A	3-20-15	3-21-15	
Aroclor 1254	**0.65**	0.062	EPA 8082A	3-20-15	3-21-15	
Aroclor 1260	**0.56**	0.062	EPA 8082A	3-20-15	3-21-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*103*	*55-140*				
Client ID:	**KM15-B08-10C**					
Laboratory ID:	03-143-09					
Aroclor 1016	**ND**	0.055	EPA 8082A	3-20-15	3-21-15	
Aroclor 1221	**ND**	0.055	EPA 8082A	3-20-15	3-21-15	
Aroclor 1232	**ND**	0.055	EPA 8082A	3-20-15	3-21-15	
Aroclor 1242	**ND**	0.055	EPA 8082A	3-20-15	3-21-15	
Aroclor 1248	**ND**	0.055	EPA 8082A	3-20-15	3-21-15	
Aroclor 1254	**0.18**	0.055	EPA 8082A	3-20-15	3-21-15	
Aroclor 1260	**0.26**	0.055	EPA 8082A	3-20-15	3-21-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*104*	*55-140*				
Client ID:	**KM15-B08-11C**					
Laboratory ID:	03-143-10					
Aroclor 1016	**ND**	0.066	EPA 8082A	3-20-15	3-21-15	
Aroclor 1221	**ND**	0.066	EPA 8082A	3-20-15	3-21-15	
Aroclor 1232	**ND**	0.066	EPA 8082A	3-20-15	3-21-15	
Aroclor 1242	**ND**	0.066	EPA 8082A	3-20-15	3-21-15	
Aroclor 1248	**ND**	0.066	EPA 8082A	3-20-15	3-21-15	
Aroclor 1254	**0.38**	0.066	EPA 8082A	3-20-15	3-21-15	
Aroclor 1260	**0.32**	0.066	EPA 8082A	3-20-15	3-21-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*103*	*55-140*				

Date of Report: March 23, 2015
Samples Submitted: March 16, 2015
Laboratory Reference: 1503-143B
Project: 14697

PCBs
EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM15-B08-12C**					
Laboratory ID:	03-143-11					
Aroclor 1016	**ND**	0.057	EPA 8082A	3-20-15	3-21-15	
Aroclor 1221	**ND**	0.057	EPA 8082A	3-20-15	3-21-15	
Aroclor 1232	**ND**	0.057	EPA 8082A	3-20-15	3-21-15	
Aroclor 1242	**ND**	0.057	EPA 8082A	3-20-15	3-21-15	
Aroclor 1248	**ND**	0.057	EPA 8082A	3-20-15	3-21-15	
Aroclor 1254	**0.24**	0.057	EPA 8082A	3-20-15	3-21-15	
Aroclor 1260	**0.27**	0.057	EPA 8082A	3-20-15	3-21-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*103*	*55-140*				
Client ID:	**KM15-B08-13C**					
Laboratory ID:	03-143-12					
Aroclor 1016	**ND**	0.068	EPA 8082A	3-20-15	3-21-15	
Aroclor 1221	**ND**	0.068	EPA 8082A	3-20-15	3-21-15	
Aroclor 1232	**ND**	0.068	EPA 8082A	3-20-15	3-21-15	
Aroclor 1242	**ND**	0.068	EPA 8082A	3-20-15	3-21-15	
Aroclor 1248	**ND**	0.068	EPA 8082A	3-20-15	3-21-15	
Aroclor 1254	**0.082**	0.068	EPA 8082A	3-20-15	3-21-15	
Aroclor 1260	**0.11**	0.068	EPA 8082A	3-20-15	3-21-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*104*	*55-140*				
Client ID:	**KM15-B08-46B**					
Laboratory ID:	03-143-16					
Aroclor 1016	**ND**	0.060	EPA 8082A	3-20-15	3-21-15	
Aroclor 1221	**ND**	0.060	EPA 8082A	3-20-15	3-21-15	
Aroclor 1232	**ND**	0.060	EPA 8082A	3-20-15	3-21-15	
Aroclor 1242	**ND**	0.060	EPA 8082A	3-20-15	3-21-15	
Aroclor 1248	**ND**	0.060	EPA 8082A	3-20-15	3-21-15	
Aroclor 1254	**0.83**	0.060	EPA 8082A	3-20-15	3-21-15	
Aroclor 1260	**1.2**	0.060	EPA 8082A	3-20-15	3-21-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*100*	*55-140*				

Date of Report: March 23, 2015
Samples Submitted: March 16, 2015
Laboratory Reference: 1503-143B
Project: 14697

PCBs
EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM15-B08-47ZB**					
Laboratory ID:	03-143-17					
Aroclor 1016	**ND**	0.061	EPA 8082A	3-20-15	3-21-15	
Aroclor 1221	**ND**	0.061	EPA 8082A	3-20-15	3-21-15	
Aroclor 1232	**ND**	0.061	EPA 8082A	3-20-15	3-21-15	
Aroclor 1242	**ND**	0.061	EPA 8082A	3-20-15	3-21-15	
Aroclor 1248	**ND**	0.061	EPA 8082A	3-20-15	3-21-15	
Aroclor 1254	**0.41**	0.061	EPA 8082A	3-20-15	3-21-15	
Aroclor 1260	**0.72**	0.061	EPA 8082A	3-20-15	3-21-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*102*	*55-140*				
Client ID:	**KM15-B08-48B**					
Laboratory ID:	03-143-18					
Aroclor 1016	**ND**	0.057	EPA 8082A	3-20-15	3-21-15	
Aroclor 1221	**ND**	0.057	EPA 8082A	3-20-15	3-21-15	
Aroclor 1232	**ND**	0.057	EPA 8082A	3-20-15	3-21-15	
Aroclor 1242	**ND**	0.057	EPA 8082A	3-20-15	3-21-15	
Aroclor 1248	**ND**	0.057	EPA 8082A	3-20-15	3-21-15	
Aroclor 1254	**1.2**	0.057	EPA 8082A	3-20-15	3-21-15	
Aroclor 1260	**1.4**	0.057	EPA 8082A	3-20-15	3-21-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*102*	*55-140*				
Client ID:	**KM15-B08-53B**					
Laboratory ID:	03-143-22					
Aroclor 1016	**ND**	0.064	EPA 8082A	3-20-15	3-21-15	
Aroclor 1221	**ND**	0.064	EPA 8082A	3-20-15	3-21-15	
Aroclor 1232	**ND**	0.064	EPA 8082A	3-20-15	3-21-15	
Aroclor 1242	**ND**	0.064	EPA 8082A	3-20-15	3-21-15	
Aroclor 1248	**ND**	0.064	EPA 8082A	3-20-15	3-21-15	
Aroclor 1254	**0.51**	0.064	EPA 8082A	3-20-15	3-21-15	
Aroclor 1260	**0.91**	0.064	EPA 8082A	3-20-15	3-21-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*102*	*55-140*				

Date of Report: March 23, 2015
Samples Submitted: March 16, 2015
Laboratory Reference: 1503-143B
Project: 14697

PCBs
EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM15-B08-54B**					
Laboratory ID:	03-143-23					
Aroclor 1016	**ND**	0.067	EPA 8082A	3-20-15	3-21-15	
Aroclor 1221	**ND**	0.067	EPA 8082A	3-20-15	3-21-15	
Aroclor 1232	**ND**	0.067	EPA 8082A	3-20-15	3-21-15	
Aroclor 1242	**ND**	0.067	EPA 8082A	3-20-15	3-21-15	
Aroclor 1248	**ND**	0.067	EPA 8082A	3-20-15	3-21-15	
Aroclor 1254	**0.73**	0.067	EPA 8082A	3-20-15	3-21-15	
Aroclor 1260	**1.1**	0.067	EPA 8082A	3-20-15	3-21-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*102*	*55-140*				
Client ID:	**KM15-B08-55B**					
Laboratory ID:	03-143-24					
Aroclor 1016	**ND**	0.058	EPA 8082A	3-20-15	3-23-15	X
Aroclor 1221	**ND**	0.058	EPA 8082A	3-20-15	3-23-15	X
Aroclor 1232	**ND**	0.058	EPA 8082A	3-20-15	3-23-15	X
Aroclor 1242	**ND**	0.058	EPA 8082A	3-20-15	3-23-15	X
Aroclor 1248	**ND**	0.058	EPA 8082A	3-20-15	3-23-15	X
Aroclor 1254	**ND**	0.058	EPA 8082A	3-20-15	3-23-15	X
Aroclor 1260	**0.083**	0.058	EPA 8082A	3-20-15	3-23-15	X
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*104*	*55-140*				
Client ID:	**KM15-B08-57C**					
Laboratory ID:	03-143-25					
Aroclor 1016	**ND**	0.059	EPA 8082A	3-20-15	3-21-15	
Aroclor 1221	**ND**	0.059	EPA 8082A	3-20-15	3-21-15	
Aroclor 1232	**ND**	0.059	EPA 8082A	3-20-15	3-21-15	
Aroclor 1242	**ND**	0.059	EPA 8082A	3-20-15	3-21-15	
Aroclor 1248	**ND**	0.059	EPA 8082A	3-20-15	3-21-15	
Aroclor 1254	**0.28**	0.059	EPA 8082A	3-20-15	3-21-15	
Aroclor 1260	**0.58**	0.059	EPA 8082A	3-20-15	3-21-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*103*	*55-140*				

Date of Report: March 23, 2015
Samples Submitted: March 16, 2015
Laboratory Reference: 1503-143B
Project: 14697

PCBs
EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM15-B08-58C**					
Laboratory ID:	03-143-26					
Aroclor 1016	**ND**	0.060	EPA 8082A	3-20-15	3-21-15	
Aroclor 1221	**ND**	0.060	EPA 8082A	3-20-15	3-21-15	
Aroclor 1232	**ND**	0.060	EPA 8082A	3-20-15	3-21-15	
Aroclor 1242	**ND**	0.060	EPA 8082A	3-20-15	3-21-15	
Aroclor 1248	**ND**	0.060	EPA 8082A	3-20-15	3-21-15	
Aroclor 1254	**ND**	0.060	EPA 8082A	3-20-15	3-21-15	
Aroclor 1260	**0.088**	0.060	EPA 8082A	3-20-15	3-21-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*103*	*55-140*				
Client ID:	**KM15-B08-59C**					
Laboratory ID:	03-143-27					
Aroclor 1016	**ND**	0.058	EPA 8082A	3-20-15	3-21-15	
Aroclor 1221	**ND**	0.058	EPA 8082A	3-20-15	3-21-15	
Aroclor 1232	**ND**	0.058	EPA 8082A	3-20-15	3-21-15	
Aroclor 1242	**ND**	0.058	EPA 8082A	3-20-15	3-21-15	
Aroclor 1248	**ND**	0.058	EPA 8082A	3-20-15	3-21-15	
Aroclor 1254	**0.31**	0.058	EPA 8082A	3-20-15	3-21-15	
Aroclor 1260	**0.68**	0.058	EPA 8082A	3-20-15	3-21-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*108*	*55-140*				
Client ID:	**KM15-B08-60C**					
Laboratory ID:	03-143-28					
Aroclor 1016	**ND**	0.058	EPA 8082A	3-20-15	3-21-15	
Aroclor 1221	**ND**	0.058	EPA 8082A	3-20-15	3-21-15	
Aroclor 1232	**ND**	0.058	EPA 8082A	3-20-15	3-21-15	
Aroclor 1242	**ND**	0.058	EPA 8082A	3-20-15	3-21-15	
Aroclor 1248	**ND**	0.058	EPA 8082A	3-20-15	3-21-15	
Aroclor 1254	**0.40**	0.058	EPA 8082A	3-20-15	3-21-15	
Aroclor 1260	**0.95**	0.058	EPA 8082A	3-20-15	3-21-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*103*	*55-140*				

Date of Report: March 23, 2015
Samples Submitted: March 16, 2015
Laboratory Reference: 1503-143B
Project: 14697

PCBs
EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM15-B08-61C**					
Laboratory ID:	03-143-29					
Aroclor 1016	**ND**	0.054	EPA 8082A	3-20-15	3-21-15	
Aroclor 1221	**ND**	0.054	EPA 8082A	3-20-15	3-21-15	
Aroclor 1232	**ND**	0.054	EPA 8082A	3-20-15	3-21-15	
Aroclor 1242	**ND**	0.054	EPA 8082A	3-20-15	3-21-15	
Aroclor 1248	**ND**	0.054	EPA 8082A	3-20-15	3-21-15	
Aroclor 1254	**ND**	0.054	EPA 8082A	3-20-15	3-21-15	
Aroclor 1260	**ND**	0.054	EPA 8082A	3-20-15	3-21-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*94*	*55-140*				
Client ID:	**KM15-B08-77C**					
Laboratory ID:	03-143-30					
Aroclor 1016	**ND**	0.055	EPA 8082A	3-20-15	3-21-15	
Aroclor 1221	**ND**	0.055	EPA 8082A	3-20-15	3-21-15	
Aroclor 1232	**ND**	0.055	EPA 8082A	3-20-15	3-21-15	
Aroclor 1242	**ND**	0.055	EPA 8082A	3-20-15	3-21-15	
Aroclor 1248	**ND**	0.055	EPA 8082A	3-20-15	3-21-15	
Aroclor 1254	**0.90**	0.055	EPA 8082A	3-20-15	3-21-15	
Aroclor 1260	**1.5**	0.055	EPA 8082A	3-20-15	3-21-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*102*	*55-140*				
Client ID:	**KM15-B08-78C**					
Laboratory ID:	03-143-31					
Aroclor 1016	**ND**	0.053	EPA 8082A	3-20-15	3-21-15	
Aroclor 1221	**ND**	0.053	EPA 8082A	3-20-15	3-21-15	
Aroclor 1232	**ND**	0.053	EPA 8082A	3-20-15	3-21-15	
Aroclor 1242	**ND**	0.053	EPA 8082A	3-20-15	3-21-15	
Aroclor 1248	**ND**	0.053	EPA 8082A	3-20-15	3-21-15	
Aroclor 1254	**ND**	0.053	EPA 8082A	3-20-15	3-21-15	
Aroclor 1260	**0.24**	0.053	EPA 8082A	3-20-15	3-21-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*90*	*55-140*				

Date of Report: March 23, 2015
Samples Submitted: March 16, 2015
Laboratory Reference: 1503-143B
Project: 14697

PCBs
EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM15-B08-85C**					
Laboratory ID:	03-143-32					
Aroclor 1016	**ND**	0.053	EPA 8082A	3-20-15	3-21-15	
Aroclor 1221	**ND**	0.053	EPA 8082A	3-20-15	3-21-15	
Aroclor 1232	**ND**	0.053	EPA 8082A	3-20-15	3-21-15	
Aroclor 1242	**ND**	0.053	EPA 8082A	3-20-15	3-21-15	
Aroclor 1248	**ND**	0.053	EPA 8082A	3-20-15	3-21-15	
Aroclor 1254	**ND**	0.053	EPA 8082A	3-20-15	3-21-15	
Aroclor 1260	**0.34**	0.053	EPA 8082A	3-20-15	3-21-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*99*	*55-140*				
Client ID:	**KM15-B08-86C**					
Laboratory ID:	03-143-33					
Aroclor 1016	**ND**	0.053	EPA 8082A	3-20-15	3-21-15	
Aroclor 1221	**ND**	0.053	EPA 8082A	3-20-15	3-21-15	
Aroclor 1232	**ND**	0.053	EPA 8082A	3-20-15	3-21-15	
Aroclor 1242	**ND**	0.053	EPA 8082A	3-20-15	3-21-15	
Aroclor 1248	**ND**	0.053	EPA 8082A	3-20-15	3-21-15	
Aroclor 1254	**ND**	0.053	EPA 8082A	3-20-15	3-21-15	
Aroclor 1260	**0.23**	0.053	EPA 8082A	3-20-15	3-21-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*99*	*55-140*				
Client ID:	**KM15-B08-148B**					
Laboratory ID:	03-143-34					
Aroclor 1016	**ND**	0.054	EPA 8082A	3-20-15	3-21-15	
Aroclor 1221	**ND**	0.054	EPA 8082A	3-20-15	3-21-15	
Aroclor 1232	**ND**	0.054	EPA 8082A	3-20-15	3-21-15	
Aroclor 1242	**ND**	0.054	EPA 8082A	3-20-15	3-21-15	
Aroclor 1248	**ND**	0.054	EPA 8082A	3-20-15	3-21-15	
Aroclor 1254	**ND**	0.054	EPA 8082A	3-20-15	3-21-15	
Aroclor 1260	**0.37**	0.054	EPA 8082A	3-20-15	3-21-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*91*	*55-140*				

Date of Report: March 23, 2015
Samples Submitted: March 16, 2015
Laboratory Reference: 1503-143B
Project: 14697

PCBs
EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM15-B08-149B**					
Laboratory ID:	03-143-35					
Aroclor 1016	**ND**	0.055	EPA 8082A	3-20-15	3-21-15	
Aroclor 1221	**ND**	0.055	EPA 8082A	3-20-15	3-21-15	
Aroclor 1232	**ND**	0.055	EPA 8082A	3-20-15	3-21-15	
Aroclor 1242	**ND**	0.055	EPA 8082A	3-20-15	3-21-15	
Aroclor 1248	**ND**	0.055	EPA 8082A	3-20-15	3-21-15	
Aroclor 1254	**ND**	0.055	EPA 8082A	3-20-15	3-21-15	
Aroclor 1260	**0.49**	0.055	EPA 8082A	3-20-15	3-21-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*92*	*55-140*				
Client ID:	**KM15-B08-150B**					
Laboratory ID:	03-143-36					
Aroclor 1016	**ND**	0.061	EPA 8082A	3-20-15	3-21-15	
Aroclor 1221	**ND**	0.061	EPA 8082A	3-20-15	3-21-15	
Aroclor 1232	**ND**	0.061	EPA 8082A	3-20-15	3-21-15	
Aroclor 1242	**ND**	0.061	EPA 8082A	3-20-15	3-21-15	
Aroclor 1248	**ND**	0.061	EPA 8082A	3-20-15	3-21-15	
Aroclor 1254	**ND**	0.061	EPA 8082A	3-20-15	3-21-15	
Aroclor 1260	**0.44**	0.061	EPA 8082A	3-20-15	3-21-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*93*	*55-140*				
Client ID:	**KM15-B08-151B**					
Laboratory ID:	03-143-37					
Aroclor 1016	**ND**	0.056	EPA 8082A	3-20-15	3-21-15	
Aroclor 1221	**ND**	0.056	EPA 8082A	3-20-15	3-21-15	
Aroclor 1232	**ND**	0.056	EPA 8082A	3-20-15	3-21-15	
Aroclor 1242	**ND**	0.056	EPA 8082A	3-20-15	3-21-15	
Aroclor 1248	**ND**	0.056	EPA 8082A	3-20-15	3-21-15	
Aroclor 1254	**ND**	0.056	EPA 8082A	3-20-15	3-21-15	
Aroclor 1260	**0.37**	0.056	EPA 8082A	3-20-15	3-21-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*92*	*55-140*				

Date of Report: March 23, 2015
Samples Submitted: March 16, 2015
Laboratory Reference: 1503-143B
Project: 14697

PCBs
EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM15-B08-79C**					
Laboratory ID:	03-143-42					
Aroclor 1016	**ND**	0.053	EPA 8082A	3-20-15	3-21-15	
Aroclor 1221	**ND**	0.053	EPA 8082A	3-20-15	3-21-15	
Aroclor 1232	**ND**	0.053	EPA 8082A	3-20-15	3-21-15	
Aroclor 1242	**ND**	0.053	EPA 8082A	3-20-15	3-21-15	
Aroclor 1248	**ND**	0.053	EPA 8082A	3-20-15	3-21-15	
Aroclor 1254	**ND**	0.053	EPA 8082A	3-20-15	3-21-15	
Aroclor 1260	**0.47**	0.053	EPA 8082A	3-20-15	3-21-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*96*	*55-140*				
Client ID:	**KM15-B08-87C**					
Laboratory ID:	03-143-43					
Aroclor 1016	**ND**	0.053	EPA 8082A	3-20-15	3-21-15	
Aroclor 1221	**ND**	0.053	EPA 8082A	3-20-15	3-21-15	
Aroclor 1232	**ND**	0.053	EPA 8082A	3-20-15	3-21-15	
Aroclor 1242	**ND**	0.053	EPA 8082A	3-20-15	3-21-15	
Aroclor 1248	**ND**	0.053	EPA 8082A	3-20-15	3-21-15	
Aroclor 1254	**ND**	0.053	EPA 8082A	3-20-15	3-21-15	
Aroclor 1260	**0.25**	0.053	EPA 8082A	3-20-15	3-21-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*88*	*55-140*				
Client ID:	**KM15-B08-95C**					
Laboratory ID:	03-143-44					
Aroclor 1016	**ND**	0.055	EPA 8082A	3-20-15	3-21-15	
Aroclor 1221	**ND**	0.055	EPA 8082A	3-20-15	3-21-15	
Aroclor 1232	**ND**	0.055	EPA 8082A	3-20-15	3-21-15	
Aroclor 1242	**ND**	0.055	EPA 8082A	3-20-15	3-21-15	
Aroclor 1248	**ND**	0.055	EPA 8082A	3-20-15	3-21-15	
Aroclor 1254	**ND**	0.055	EPA 8082A	3-20-15	3-21-15	
Aroclor 1260	**0.15**	0.055	EPA 8082A	3-20-15	3-21-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*82*	*55-140*				

Date of Report: March 23, 2015
Samples Submitted: March 16, 2015
Laboratory Reference: 1503-143B
Project: 14697

PCBs EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM15-B08-103C**					
Laboratory ID:	03-143-45					
Aroclor 1016	**ND**	0.055	EPA 8082A	3-20-15	3-21-15	
Aroclor 1221	**ND**	0.055	EPA 8082A	3-20-15	3-21-15	
Aroclor 1232	**ND**	0.055	EPA 8082A	3-20-15	3-21-15	
Aroclor 1242	**ND**	0.055	EPA 8082A	3-20-15	3-21-15	
Aroclor 1248	**ND**	0.055	EPA 8082A	3-20-15	3-21-15	
Aroclor 1254	**ND**	0.055	EPA 8082A	3-20-15	3-21-15	
Aroclor 1260	**0.41**	0.055	EPA 8082A	3-20-15	3-21-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*84*	*55-140*				

Date of Report: March 23, 2015
Samples Submitted: March 16, 2015
Laboratory Reference: 1503-143B
Project: 14697

PCBs EPA 8082A
METHOD BLANK QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0320S1					
Aroclor 1016	**ND**	0.050	EPA 8082A	3-20-15	3-20-15	
Aroclor 1221	**ND**	0.050	EPA 8082A	3-20-15	3-20-15	
Aroclor 1232	**ND**	0.050	EPA 8082A	3-20-15	3-20-15	
Aroclor 1242	**ND**	0.050	EPA 8082A	3-20-15	3-20-15	
Aroclor 1248	**ND**	0.050	EPA 8082A	3-20-15	3-20-15	
Aroclor 1254	**ND**	0.050	EPA 8082A	3-20-15	3-20-15	
Aroclor 1260	**ND**	0.050	EPA 8082A	3-20-15	3-20-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*104*	*55-140*				
Laboratory ID:	MB0320S1					
Aroclor 1016	**ND**	0.050	EPA 8082A	3-20-15	3-23-15	X
Aroclor 1221	**ND**	0.050	EPA 8082A	3-20-15	3-23-15	X
Aroclor 1232	**ND**	0.050	EPA 8082A	3-20-15	3-23-15	X
Aroclor 1242	**ND**	0.050	EPA 8082A	3-20-15	3-23-15	X
Aroclor 1248	**ND**	0.050	EPA 8082A	3-20-15	3-23-15	X
Aroclor 1254	**ND**	0.050	EPA 8082A	3-20-15	3-23-15	X
Aroclor 1260	**ND**	0.050	EPA 8082A	3-20-15	3-23-15	X
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*104*	*55-140*				
Laboratory ID:	MB0320S2					
Aroclor 1016	**ND**	0.050	EPA 8082A	3-20-15	3-21-15	
Aroclor 1221	**ND**	0.050	EPA 8082A	3-20-15	3-21-15	
Aroclor 1232	**ND**	0.050	EPA 8082A	3-20-15	3-21-15	
Aroclor 1242	**ND**	0.050	EPA 8082A	3-20-15	3-21-15	
Aroclor 1248	**ND**	0.050	EPA 8082A	3-20-15	3-21-15	
Aroclor 1254	**ND**	0.050	EPA 8082A	3-20-15	3-21-15	
Aroclor 1260	**ND**	0.050	EPA 8082A	3-20-15	3-21-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*102*	*55-140*				

Date of Report: March 23, 2015
Samples Submitted: March 16, 2015
Laboratory Reference: 1503-143B
Project: 14697

PCBs EPA 8082A
MATRIX SPIKES QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
Laboratory ID:	03-143-24										
	MS	MSD	MS	MSD		MS	MSD				
Aroclor 1260	**0.459**	**0.505**	0.500	0.500	0.0720	**77**	**87**	46-136	10	17	X
Surrogate:											
DCB						*104*	*104*	*55-140*			
Laboratory ID:	03-143-33										
	MS	MSD	MS	MSD		MS	MSD				
Aroclor 1260	**0.628**	**0.614**	0.500	0.500	0.214	**83**	**80**	46-136	2	17	
Surrogate:											
DCB						*94*	*91*	*55-140*			

Date of Report: March 23, 2015
Samples Submitted: March 16, 2015
Laboratory Reference: 1503-143B
Project: 14697

% MOISTURE

Date Analyzed: 3-17&20-15

Client ID	Lab ID	% Moisture
KM15-B08-3C	03-143-03	5
KM15-B08-4C	03-143-04	19
KM15-B08-5C	03-143-05	23
KM15-B08-6C	03-143-06	20
KM15-B08-10C	03-143-09	9
KM15-B08-11C	03-143-10	24
KM15-B08-12C	03-143-11	13
KM15-B08-13C	03-143-12	26
KM15-B08-46B	03-143-16	17
KM15-B08-47ZB	03-143-17	18
KM15-B08-48B	03-143-18	12
KM15-B08-53B	03-143-22	22
KM15-B08-54B	03-143-23	25
KM15-B08-55B	03-143-24	13
KM15-B08-57C	03-143-25	15
KM15-B08-58C	03-143-26	17
KM15-B08-59C	03-143-27	13
KM15-B08-60C	03-143-28	14
KM15-B08-61C	03-143-29	8
KM15-B08-77C	03-143-30	8
KM15-B08-78C	03-143-31	5
KM15-B08-85C	03-143-32	6
KM15-B08-86C	03-143-33	5
KM15-B08-148B	03-143-34	8
KM15-B08-149B	03-143-35	9
KM15-B08-150B	03-143-36	18
KM15-B08-151B	03-143-37	11

Date of Report: March 23, 2015
Samples Submitted: March 16, 2015
Laboratory Reference: 1503-143B
Project: 14697

% MOISTURE

Date Analyzed: 3-17&20-15

Client ID	Lab ID	% Moisture
KM15-B08-79C	03-143-42	5
KM15-B08-87C	03-143-43	6
KM15-B08-95C	03-143-44	9
KM15-B08-103C	03-143-45	9

OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-napthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

X1- Sample extract treated with a Sulfuric acid/Silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in method 8260C, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

Chain of Custody

OnSite Environmental Inc.
Analytical Laboratory Testing Services
14648 NE 95th Street • Redmond, WA 98052
Phone: (425) 883-3881 • www.onsite-env.com

Company: AMEC
Project Number: Kelly-Moore Soil Ex
Project Name: 14697
Project Manager: Tasya Gray
Sampled by: ~~NM~~ Nathan Moxley

Turnaround Request (in working days)
(Check One)
☐ Same Day ☐ 1 Day
☒ 2 Days ☐ 3 Days
~~☒ Standard (7 Days)~~ NM 3/13/15
(TPH analysis 5 Days)
☐ _____ (other)

Laboratory Number: 03-143

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx	Volatiles 8260C	Halogenated Volatiles 8260C	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A	Archive						% Moisture
~~B7 - piping - B5 - 5.0~~		~~03/13/15~~	~~0750~~	~~Soil~~	~~1~~																							
~~B7 - piping - SIB - 4.0~~			~~0755~~																									
1	KM15 - B08 - 1C	03/13/15	1220	Soil	1																	X						
2	KM15 - B08 - 2C		1221																									
3	KM15 - B08 - 3C		1222											X														X
4	KM15 - B08 - 4C		1223											X														X
5	KM15 - B08 - 5C		1224											X														X
6	KM15 - B08 - 6C		1225											X														X
7	KM15 - B08 - 8C		1226																									
8	KM15 - B08 - 9C		1227																									

	Signature	Company	Date	Time
Relinquished		AMEC	3/15/15	2030
Received			3/16/15	923
Relinquished			3/16/15	1124
Received			3/16/15	1128
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions
(X) Added 3/19/15 BC
2 day TA

Chromatograms with final report ☐

Data Package: Standard ☐ Level III ☐ Level IV ☐

Electronic Data Deliverables (EDDs) ☐ _____

Chain of Custody

OnSite Environmental Inc.
Analytical Laboratory Testing Services
14648 NE 95th Street • Redmond, WA 98052
Phone: (425) 883-3881 • www.onsite-env.com

Company: AMEC
Project Number: 14097
Project Name: Kelly-Moore Soil Ex
Project Manager: Tasya Gray
Sampled by: Nathan Moxley

Turnaround Request (in working days)
(Check One)
☐ Same Day ☐ 1 Day
☒ 2 Days ☐ 3 Days
☒ Standard (7 Days) NM 3/10/15
(TPH analysis 5 Days)
☐ _____ (other)

Laboratory Number: 03-143

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx	Volatiles 8260C	Halogenated Volatiles 8260C	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A	Archive			% Moisture
9	KM15-B08-10C	03/13/15	1228	Soil	1									X							X	X			X
10	KM15-B08-11C		1229											X											X
11	KM15-B08-12C		1230											X											X
12	KM15-B08-13C		1231											X											X
13	KM15-B08-43C		1320																						
14	KM15-B08-44C		1321																						
15	KM15-B08-45C		1322																						
16	KM15-B08-46B		1323											X											X
17	KM15-B08-47B		1324											X											X
18	KM15-B08-48B		1325											X											X

	Signature	Company	Date	Time
Relinquished		AMEC	3/15/15	2030
Received		GPRS	3/16/15	0423
Relinquished		GPRS	3/16/15	1120
Received		OnSite Env	3/16/15	1120
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

Chromatograms with final report ☐

Data Package: Standard ☐ Level III ☐ Level IV ☐ Electronic Data Deliverables (EDDs) ☐ _____

Chain of Custody

OnSite Environmental Inc.
Analytical Laboratory Testing Services
14648 NE 95th Street • Redmond, WA 98052
Phone: (425) 883-3881 • www.onsite-env.com

Laboratory Number: 03-143

Company: AMEC
Project Number: 14097
Project Name: Kelly-Moore Soil Ex
Project Manager: Tasya Gray
Sampled by: Nathan Moxley

Turnaround Request (in working days)
(Check One)
☐ Same Day ☐ 1 Day
☒ 2 Days ☐ 3 Days
☒ ~~Standard (7 Days)~~ NM 3/10/15
(TPH analysis 5 Days)
☐ _____ (other)

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx	Volatiles 8260C	Halogenated Volatiles 8260C	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A	Archive				% Moisture
19	KM15-B08-50C	03/13/15	1326	Soil	1																	X				
20	KM15-B08-51C		1327																							
21	KM15-B08-52C		1328																							
22	KM15-B08-53B		1329											X												X
23	KM15-B08-54B		1330											X												X
24	KM15-B08-55B		1331											X												X
25	KM15-B08-57C		1332											X												X
26	KM15-B08-58C		1333											X												X
27	KM15-B08-59C		1334											X												X
28	KM15-B08-60C		1335											X												X

	Signature	Company	Date	Time
Relinquished		AMEC	3/15/15	2030
Received		GPRS-1	3/16/15	923
Relinquished		SPEEDY	3/16/15	1121
Received		ALS-Tuc ED	3/16/15	1121
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

Chromatograms with final report ☐

Data Package: Standard ☐ Level III ☐ Level IV ☐ Electronic Data Deliverables (EDDs) ☐ _____

Chain of Custody

OnSite Environmental Inc.
Analytical Laboratory Testing Services
14648 NE 95th Street • Redmond, WA 98052
Phone: (425) 883-3881 • www.onsite-env.com

Company: AMEC
Project Number: 14697
Project Name: Kelly-Moore Soil EX
Project Manager: Tesya Gray
Sampled by: Nathan Moxley

Turnaround Request (in working days)
(Check One)
☐ Same Day ☐ 1 Day
☒ 2 Days ☐ 3 Days
~~☒ Standard (7 Days)~~ NM 3/13/15
(TPH analysis 5 Days)
☐ _____ (other)

Laboratory Number: 03-143

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx	Volatiles 8260C	Halogenated Volatiles 8260C	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270D-SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A	Archive				% Moisture
29	KM15-B08-61C	03/13/15	1336	Soil	1									X							X					X
30	KM15-B08-77C		1345											X												X
31	KM15-B08-78C		1346											X												X
32	KM15-B08-85C		1348											X												X
33	KM15-B08-86C		1349											X												X
34	KM15-B08-148B		1110											X												X
35	KM15-B08-149B		1111											X												X
36	KM15-B08-150B		1112											X												X
37	KM15-B08-151B		1113											X												X
38	KM15-B08-93C	↓	1351	↓	↓																↓					

	Signature	Company	Date	Time
Relinquished		AMEC	3/15/15	2030
Received		GPRS Dry	3/16/15	423
Relinquished		GPRS Dry	3/16/15	1120
Received		GeoEng	3/16/15	1120
Relinquished				
Received				

Comments/Special Instructions

Reviewed/Date

Reviewed/Date

Chromatograms with final report ☐

Data Package: Standard ☐ Level III ☐ Level IV ☐

Electronic Data Deliverables (EDDs) ☐ _____

Chain of Custody

OnSite Environmental Inc.
Analytical Laboratory Testing Services
14648 NE 95th Street • Redmond, WA 98052
Phone: (425) 883-3881 • www.onsite-env.com

Company: AMEC
Project Number: 14697
Project Name: Kelly-Moore Soil Ex
Project Manager: Tasya Gray
Sampled by: Nathan Moxley

Turnaround Request (in working days)
(Check One)
☐ Same Day ☐ 1 Day
☒ 2 Days ☐ 3 Days
~~☒ Standard (7 Days)~~ NM 3/13/15
(TPH analysis 5 Days)
☐ _____ (other)

Laboratory Number: 03-143

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx	Volatiles 8260C	Halogenated Volatiles 8260C	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A	Archive				% Moisture
39	KM15-B08-94C	03/13/15	1352	Soil	1																	X				
40	KM15-B08-101C		1354																							
41	KM15-B08-102C		1355																							
42	KM15-B08-79C		1347											X												X
43	KM15-B08-87C		1350											X												X
44	KM15-B08-95C		1353											X												X
45	KM15-B08-103C		1356											X												X
46	KM15-B08-17C		1235																							
47	KM15-B08-24C		1236																							
48	KM15-B08-7C		1234																							

	Signature	Company	Date	Time
Relinquished		AMEC	3/15/15	2030
Received		SPECTRA	3/16/15	923
Relinquished		SPECTRA	3/16/15	1120
Received		ONSITE ENV	3/16/15	1120
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

Chromatograms with final report ☐

Data Package: Standard ☐ Level III ☐ Level IV ☐

Electronic Data Deliverables (EDDs) ☐ _____

Chain of Custody

OnSite Environmental Inc.
Analytical Laboratory Testing Services
14648 NE 95th Street • Redmond, WA 98052
Phone: (425) 883-3881 • www.onsite-env.com

Company: AMEC
Project Number: Kelly-Moore Soil Ex
Project Name: 146097
Project Manager: Tasya Gray
Sampled by: Nathan Moxley

Turnaround Request (in working days)
(Check One)
☐ Same Day ☐ 1 Day
☒ 2 Days ☐ 3 Days
~~☒ Standard (7 Days)~~ NM 3/13/15
(TPH analysis 5 Days)
☐ _____ (other)

Laboratory Number: 03-143

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx	Volatiles 8260C	Halogenated Volatiles 8260C	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorous Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A	Archive					% Moisture
49	KM15-B08-14C	03/13/15	1232	Soil	1																	X					
50	KM15-B08-21C		1233																			X					
51	KM15-B08-COMP 30B		1304											X													X
52	KM15-B08-COMP 31B		1306																								
53	KM15-B08-COMP 32B		1308																								
54	KM15-B08-COMP 41B		1337																								
55	KM15-B08-COMP 54		1340																								
56	KM15-B08-COMP 40B		1338																								
57	KM15-B08-COMP 55		1341																								
58	KM15-B08-COMP 39B		1339																								

	Signature	Company	Date	Time
Relinquished		AMEC	3/15/15	2030
Received		GD-EDY	3/16/15	0924
Relinquished		GD-EDY	3/16/15	1120
Received		GD-EDY	3/16/15	1120
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

Chromatograms with final report ☐

Data Package: Standard ☐ Level III ☐ Level IV ☐ Electronic Data Deliverables (EDDs) ☐ _____

Chain of Custody

OnSite Environmental Inc.
Analytical Laboratory Testing Services
14648 NE 95th Street • Redmond, WA 98052
Phone: (425) 883-3881 • www.onsite-env.com

Laboratory Number: 03-143

Company: AMEC
Project Number: KM Kelly Moore Soil Ex
Project Name: 14697
Project Manager: Tasya Gray
Sampled by: Nathan Moxley

Turnaround Request (in working days)
(Check One)
☐ Same Day ☐ 1 Day
☒ 2 Days ☐ 3 Days
~~☒ Standard (7 Days)~~ NM 3/13
(TPH analysis 5 Days)
☐ _____ (other)

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx	Volatiles 8260C	Halogenated Volatiles 8260C	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A	% Moisture
59	KM15-B08-comp-29B	03/13/15	1114	Soil	1									X								X
60	KM15-B08-comp-42B		1400																			
61	KM15-B08-comp 43B		1401																			
62	KM15-B08-comp 44B		1402																			
63	KM15-B08-comp 34B		1312																			
64	KM15-B08-comp 36B		1310																			
65	KM15-B08-Dup1-031315	3/13/15	0900	Soil																		

NM

	Signature	Company	Date	Time
Relinquished		AMEC	3/15/15	2030
Received		SPECD-1	3/14/15	924
Relinquished		SPECD-1	3/14/15	1120
Received		OnSite ENV	3/16/15	1120
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

Chromatograms with final report ☐

Data Package: Standard ☐ Level III ☐ Level IV ☐ Electronic Data Deliverables (EDDs) ☐ _____

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

March 26, 2015

Tasya Gray
AMEC Environment and Infrastructure, Inc.
One Union Square
600 University Street, Suite 600
Seattle, WA 98101

Re: Analytical Data for Project 14697
Laboratory Reference No. 1503-274

Dear Tasya:

Enclosed are the analytical results and associated quality control data for samples submitted on March 25, 2015.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

David Baumeister
Project Manager

Enclosures

Date of Report: March 26, 2015
Samples Submitted: March 25, 2015
Laboratory Reference: 1503-274
Project: 14697

Case Narrative

Samples were collected on March 25, 2015 and received by the laboratory on March 25, 2015. They were maintained at the laboratory at a temperature of 2°C to 6°C.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

Date of Report: March 26, 2015
Samples Submitted: March 25, 2015
Laboratory Reference: 1503-274
Project: 14697

PCBs
EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM15-B08-4D**					
Laboratory ID:	03-274-01					
Aroclor 1016	**ND**	0.066	EPA 8082A	3-25-15	3-25-15	
Aroclor 1221	**ND**	0.066	EPA 8082A	3-25-15	3-25-15	
Aroclor 1232	**ND**	0.066	EPA 8082A	3-25-15	3-25-15	
Aroclor 1242	**ND**	0.066	EPA 8082A	3-25-15	3-25-15	
Aroclor 1248	**ND**	0.066	EPA 8082A	3-25-15	3-25-15	
Aroclor 1254	**0.23**	0.066	EPA 8082A	3-25-15	3-25-15	
Aroclor 1260	**0.20**	0.066	EPA 8082A	3-25-15	3-25-15	
Surrogate:	***Percent Recovery***	***Control Limits***				
DCB	***110***	***55-140***				
Client ID:	**KM15-B08-6D**					
Laboratory ID:	03-274-02					
Aroclor 1016	**ND**	0.065	EPA 8082A	3-25-15	3-25-15	
Aroclor 1221	**ND**	0.065	EPA 8082A	3-25-15	3-25-15	
Aroclor 1232	**ND**	0.065	EPA 8082A	3-25-15	3-25-15	
Aroclor 1242	**ND**	0.065	EPA 8082A	3-25-15	3-25-15	
Aroclor 1248	**ND**	0.065	EPA 8082A	3-25-15	3-25-15	
Aroclor 1254	**0.31**	0.065	EPA 8082A	3-25-15	3-25-15	
Aroclor 1260	**0.25**	0.065	EPA 8082A	3-25-15	3-25-15	
Surrogate:	***Percent Recovery***	***Control Limits***				
DCB	***110***	***55-140***				
Client ID:	**KM15-B08-46D**					
Laboratory ID:	03-274-04					
Aroclor 1016	**ND**	0.062	EPA 8082A	3-25-15	3-25-15	
Aroclor 1221	**ND**	0.062	EPA 8082A	3-25-15	3-25-15	
Aroclor 1232	**ND**	0.062	EPA 8082A	3-25-15	3-25-15	
Aroclor 1242	**ND**	0.062	EPA 8082A	3-25-15	3-25-15	
Aroclor 1248	**ND**	0.062	EPA 8082A	3-25-15	3-25-15	
Aroclor 1254	**ND**	0.062	EPA 8082A	3-25-15	3-25-15	
Aroclor 1260	**ND**	0.062	EPA 8082A	3-25-15	3-25-15	
Surrogate:	***Percent Recovery***	***Control Limits***				
DCB	***91***	***55-140***				

Date of Report: March 26, 2015
Samples Submitted: March 25, 2015
Laboratory Reference: 1503-274
Project: 14697

PCBs
EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM15-B08-47D**					
Laboratory ID:	03-274-05					
Aroclor 1016	**ND**	0.063	EPA 8082A	3-25-15	3-25-15	
Aroclor 1221	**ND**	0.063	EPA 8082A	3-25-15	3-25-15	
Aroclor 1232	**ND**	0.063	EPA 8082A	3-25-15	3-25-15	
Aroclor 1242	**ND**	0.063	EPA 8082A	3-25-15	3-25-15	
Aroclor 1248	**ND**	0.063	EPA 8082A	3-25-15	3-25-15	
Aroclor 1254	**ND**	0.063	EPA 8082A	3-25-15	3-25-15	
Aroclor 1260	**ND**	0.063	EPA 8082A	3-25-15	3-25-15	
Surrogate:	***Percent Recovery***	***Control Limits***				
DCB	***79***	***55-140***				
Client ID:	**KM15-B08-48D**					
Laboratory ID:	03-274-06					
Aroclor 1016	**ND**	0.064	EPA 8082A	3-25-15	3-25-15	
Aroclor 1221	**ND**	0.064	EPA 8082A	3-25-15	3-25-15	
Aroclor 1232	**ND**	0.064	EPA 8082A	3-25-15	3-25-15	
Aroclor 1242	**ND**	0.064	EPA 8082A	3-25-15	3-25-15	
Aroclor 1248	**ND**	0.064	EPA 8082A	3-25-15	3-25-15	
Aroclor 1254	**ND**	0.064	EPA 8082A	3-25-15	3-25-15	
Aroclor 1260	**0.11**	0.064	EPA 8082A	3-25-15	3-25-15	
Surrogate:	***Percent Recovery***	***Control Limits***				
DCB	***83***	***55-140***				
Client ID:	**KM15-B08-53D**					
Laboratory ID:	03-274-07					
Aroclor 1016	**ND**	0.060	EPA 8082A	3-25-15	3-25-15	
Aroclor 1221	**ND**	0.060	EPA 8082A	3-25-15	3-25-15	
Aroclor 1232	**ND**	0.060	EPA 8082A	3-25-15	3-25-15	
Aroclor 1242	**ND**	0.060	EPA 8082A	3-25-15	3-25-15	
Aroclor 1248	**ND**	0.060	EPA 8082A	3-25-15	3-25-15	
Aroclor 1254	**ND**	0.060	EPA 8082A	3-25-15	3-25-15	
Aroclor 1260	**ND**	0.060	EPA 8082A	3-25-15	3-25-15	
Surrogate:	***Percent Recovery***	***Control Limits***				
DCB	***95***	***55-140***				

Date of Report: March 26, 2015
Samples Submitted: March 25, 2015
Laboratory Reference: 1503-274
Project: 14697

PCBs
EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM15-B08-54D**					
Laboratory ID:	03-274-08					
Aroclor 1016	**ND**	0.063	EPA 8082A	3-25-15	3-25-15	
Aroclor 1221	**ND**	0.063	EPA 8082A	3-25-15	3-25-15	
Aroclor 1232	**ND**	0.063	EPA 8082A	3-25-15	3-25-15	
Aroclor 1242	**ND**	0.063	EPA 8082A	3-25-15	3-25-15	
Aroclor 1248	**ND**	0.063	EPA 8082A	3-25-15	3-25-15	
Aroclor 1254	**ND**	0.063	EPA 8082A	3-25-15	3-25-15	
Aroclor 1260	**ND**	0.063	EPA 8082A	3-25-15	3-25-15	
Surrogate:	***Percent Recovery***	***Control Limits***				
DCB	***97***	***55-140***				
Client ID:	**KM15-B08-60D**					
Laboratory ID:	03-274-09					
Aroclor 1016	**ND**	0.064	EPA 8082A	3-25-15	3-25-15	
Aroclor 1221	**ND**	0.064	EPA 8082A	3-25-15	3-25-15	
Aroclor 1232	**ND**	0.064	EPA 8082A	3-25-15	3-25-15	
Aroclor 1242	**ND**	0.064	EPA 8082A	3-25-15	3-25-15	
Aroclor 1248	**ND**	0.064	EPA 8082A	3-25-15	3-25-15	
Aroclor 1254	**ND**	0.064	EPA 8082A	3-25-15	3-25-15	
Aroclor 1260	**ND**	0.064	EPA 8082A	3-25-15	3-25-15	
Surrogate:	***Percent Recovery***	***Control Limits***				
DCB	***60***	***55-140***				
Client ID:	**KM15-B08-77D**					
Laboratory ID:	03-274-10					
Aroclor 1016	**ND**	0.060	EPA 8082A	3-25-15	3-25-15	
Aroclor 1221	**ND**	0.060	EPA 8082A	3-25-15	3-25-15	
Aroclor 1232	**ND**	0.060	EPA 8082A	3-25-15	3-25-15	
Aroclor 1242	**ND**	0.060	EPA 8082A	3-25-15	3-25-15	
Aroclor 1248	**ND**	0.060	EPA 8082A	3-25-15	3-25-15	
Aroclor 1254	**ND**	0.060	EPA 8082A	3-25-15	3-25-15	
Aroclor 1260	**0.22**	0.060	EPA 8082A	3-25-15	3-25-15	
Surrogate:	***Percent Recovery***	***Control Limits***				
DCB	***82***	***55-140***				

Date of Report: March 26, 2015
Samples Submitted: March 25, 2015
Laboratory Reference: 1503-274
Project: 14697

PCBs
EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM15-B08-91D**					
Laboratory ID:	03-274-11					
Aroclor 1016	**ND**	0.059	EPA 8082A	3-25-15	3-26-15	
Aroclor 1221	**ND**	0.059	EPA 8082A	3-25-15	3-26-15	
Aroclor 1232	**ND**	0.059	EPA 8082A	3-25-15	3-26-15	
Aroclor 1242	**ND**	0.059	EPA 8082A	3-25-15	3-26-15	
Aroclor 1248	**ND**	0.059	EPA 8082A	3-25-15	3-26-15	
Aroclor 1254	**ND**	0.059	EPA 8082A	3-25-15	3-26-15	
Aroclor 1260	**ND**	0.059	EPA 8082A	3-25-15	3-26-15	
Surrogate:	***Percent Recovery***	***Control Limits***				
DCB	***89***	***55-140***				
Client ID:	**KM15-B08-Dup 1**					
Laboratory ID:	03-274-12					
Aroclor 1016	**ND**	0.065	EPA 8082A	3-25-15	3-26-15	
Aroclor 1221	**ND**	0.065	EPA 8082A	3-25-15	3-26-15	
Aroclor 1232	**ND**	0.065	EPA 8082A	3-25-15	3-26-15	
Aroclor 1242	**ND**	0.065	EPA 8082A	3-25-15	3-26-15	
Aroclor 1248	**ND**	0.065	EPA 8082A	3-25-15	3-26-15	
Aroclor 1254	**0.11**	0.065	EPA 8082A	3-25-15	3-26-15	
Aroclor 1260	**0.094**	0.065	EPA 8082A	3-25-15	3-26-15	
Surrogate:	***Percent Recovery***	***Control Limits***				
DCB	***91***	***55-140***				

Date of Report: March 26, 2015
Samples Submitted: March 25, 2015
Laboratory Reference: 1503-274
Project: 14697

PCBs EPA 8082A
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0325S2					
Aroclor 1016	**ND**	0.050	EPA 8082A	3-25-15	3-25-15	
Aroclor 1221	**ND**	0.050	EPA 8082A	3-25-15	3-25-15	
Aroclor 1232	**ND**	0.050	EPA 8082A	3-25-15	3-25-15	
Aroclor 1242	**ND**	0.050	EPA 8082A	3-25-15	3-25-15	
Aroclor 1248	**ND**	0.050	EPA 8082A	3-25-15	3-25-15	
Aroclor 1254	**ND**	0.050	EPA 8082A	3-25-15	3-25-15	
Aroclor 1260	**ND**	0.050	EPA 8082A	3-25-15	3-25-15	
Surrogate:	***Percent Recovery***	***Control Limits***				
DCB	***109***	***55-140***				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
MATRIX SPIKES											
Laboratory ID:	03-274-07										
	MS	MSD	MS	MSD		MS	MSD				
Aroclor 1260	**0.363**	**0.358**	0.500	0.500	ND	**73**	**72**	46-136	1	17	
Surrogate:											
DCB						***92***	***93***	***55-140***			

Date of Report: March 26, 2015
Samples Submitted: March 25, 2015
Laboratory Reference: 1503-274
Project: 14697

% MOISTURE

Date Analyzed: 3-25-15

Client ID	Lab ID	% Moisture
KM15-B08-4D	03-274-01	24
KM15-B08-6D	03-274-02	23
KM15-B08-46D	03-274-04	19
KM15-B08-47D	03-274-05	21
KM15-B08-48D	03-274-06	21
KM15-B08-53D	03-274-07	16
KM15-B08-54D	03-274-08	21
KM15-B08-60D	03-274-09	22
KM15-B08-77D	03-274-10	17
KM15-B08-91D	03-274-11	15
KM15-B08-Dup 1	03-274-12	24

OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-napthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

X1- Sample extract treated with a Sulfuric acid/Silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in method 8260C, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

Chain of Custody

OnSite Environmental Inc.
Analytical Laboratory Testing Services
14648 NE 95th Street • Redmond, WA 98052
Phone: (425) 883-3881 • www.onsite-env.com

Laboratory Number: 03-274

Company: AMEC
Project Number: 14697
Project Name: Kelly-Moore
Project Manager: Tasya Gray
Sampled by: Nathan Moxley

Turnaround Request (in working days)
(Check One)
☐ Same Day ☐ 1 Day
☐ 2 Days ☐ 3 Days
☐ Standard (7 Days) (TPH analysis 5 Days)
☒ ASAP (other)

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx	Volatiles 8260C	Halogenated Volatiles 8260C	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A						% Moisture
1	KM15-B08-4D	3/25/15	1000	Soil	1									X													X
2	KM15-B08-6D		1001																								X
~~3~~	~~KM15-B08-38D~~		1002																								~~X~~
4	KM15-B08-46D		1003																								X
5	KM15-B08-47D		1004																								X
6	KM15-B08-48D		1005																								X
7	KM15-B08-53D		1006																								X
8	KM15-B08-54D		1007																								X
9	KM15-B08-60D		1008																								X
10	KM15-B08-77D		1009																								X

	Signature	Company	Date	Time
Relinquished		AMEC	3/25/15	1115
Received		GP ENVD7	3/25/15	1115
Relinquished		GP ENVD7	3/25/15	1326
Received		Onsite	3/25/15	1330
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

Chromatograms with final report ☐

Data Package: Standard ☐ Level III ☐ Level IV ☐ Electronic Data Deliverables (EDDs) ☐ _____

Chain of Custody

OnSite Environmental Inc.
Analytical Laboratory Testing Services
14648 NE 95th Street • Redmond, WA 98052
Phone: (425) 883-3881 • www.onsite-env.com

Laboratory Number: 03-274

Company: Anea
Project Number: 14697
Project Name: Kelly-Moore
Project Manager: Tasya Gray
Sampled by: Nathan Mosley

Turnaround Request (in working days)
(Check One)
☐ Same Day ☐ 1 Day
☐ 2 Days ☐ 3 Days
☐ Standard (7 Days) (TPH analysis 5 Days)
☒ ASAP (other)

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx	Volatiles 8260C	Halogenated Volatiles 8260C	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A	% Moisture
11	KM15-B08-910	3/25/15	1010	Soil	1									X								X
12	KM15-B08-Dup1	↓	1011	Soil	1									X								X

	Signature	Company	Date	Time
Relinquished		Anea	3/25/15	1115
Received		EPeaT	3/25/15	1115
Relinquished		SPEEDY	3/25/15	1825
Received			3/25/15	1330
Relinquished				
Received				

Comments/Special Instructions

Reviewed/Date

Reviewed/Date

Chromatograms with final report ☐

Data Package: Standard ☐ Level III ☐ Level IV ☐ Electronic Data Deliverables (EDDs) ☐ _____

OnSite Environmental Inc.

14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

March 26, 2015

Tasya Gray
AMEC Environment and Infrastructure, Inc.
One Union Square
600 University Street, Suite 600
Seattle, WA 98101

Re: Analytical Data for Project 14697
Laboratory Reference No. 1503-283

Dear Tasya:

Enclosed are the analytical results and associated quality control data for samples submitted on March 26, 2015.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

David Baumeister
Project Manager

Enclosures

Date of Report: March 26, 2015
Samples Submitted: March 26, 2015
Laboratory Reference: 1503-283
Project: 14697

Case Narrative

Samples were collected on March 25, 2015 and received by the laboratory on March 26, 2015. They were maintained at the laboratory at a temperature of 2°C to 6°C.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

Date of Report: March 26, 2015
Samples Submitted: March 26, 2015
Laboratory Reference: 1503-283
Project: 14697

PCBs
EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM15-B08-38D**					
Laboratory ID:	03-283-01					
Aroclor 1016	**ND**	0.063	EPA 8082A	3-26-15	3-26-15	
Aroclor 1221	**ND**	0.063	EPA 8082A	3-26-15	3-26-15	
Aroclor 1232	**ND**	0.063	EPA 8082A	3-26-15	3-26-15	
Aroclor 1242	**ND**	0.063	EPA 8082A	3-26-15	3-26-15	
Aroclor 1248	**ND**	0.063	EPA 8082A	3-26-15	3-26-15	
Aroclor 1254	**ND**	0.063	EPA 8082A	3-26-15	3-26-15	
Aroclor 1260	**0.091**	0.063	EPA 8082A	3-26-15	3-26-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*87*	*55-140*				

Date of Report: March 26, 2015
Samples Submitted: March 26, 2015
Laboratory Reference: 1503-283
Project: 14697

PCBs EPA 8082A
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0326S1					
Aroclor 1016	**ND**	0.050	EPA 8082A	3-26-15	3-26-15	
Aroclor 1221	**ND**	0.050	EPA 8082A	3-26-15	3-26-15	
Aroclor 1232	**ND**	0.050	EPA 8082A	3-26-15	3-26-15	
Aroclor 1242	**ND**	0.050	EPA 8082A	3-26-15	3-26-15	
Aroclor 1248	**ND**	0.050	EPA 8082A	3-26-15	3-26-15	
Aroclor 1254	**ND**	0.050	EPA 8082A	3-26-15	3-26-15	
Aroclor 1260	**ND**	0.050	EPA 8082A	3-26-15	3-26-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*106*	*55-140*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS											
Laboratory ID:	SB0326S1										
	SB	SBD	SB	SBD		SB	SBD				
Aroclor 1260	**0.530**	**0.534**	0.500	0.500	N/A	**106**	**107**	64-127	1	11	
Surrogate:											
DCB						*106*	*107*	*55-140*			

Date of Report: March 26, 2015
Samples Submitted: March 26, 2015
Laboratory Reference: 1503-283
Project: 14697

% MOISTURE

Date Analyzed: 3-26-15

Client ID	Lab ID	% Moisture
KM15-B08-38D	03-283-01	21

OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-napthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

X1- Sample extract treated with a Sulfuric acid/Silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in method 8260C, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

Chain of Custody

OnSite Environmental Inc.
Analytical Laboratory Testing Services
14648 NE 95th Street • Redmond, WA 98052
Phone: (425) 883-3881 • www.onsite-env.com

Laboratory Number: 03-283

Company: AMEC
Project Number: 4697
Project Name: Kelly-Moore
Project Manager: Tasya Gray
Sampled by: Nathan Moxley

Turnaround Request (in working days)
(Check One)
- [X] Same Day
- [ ] 1 Day
- [ ] 2 Days
- [ ] 3 Days
- [ ] Standard (7 Days) (TPH analysis 5 Days)
- [ ] _____ (other)

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx	Volatiles 8260C	Halogenated Volatiles 8260C	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A	% Moisture
1	KM15-B08-38D	3/25/15	1530	Soil	1									X								X

	Signature	Company	Date	Time
Relinquished		AMEC	3/26/15	0630
Received		SPECT	3/26/15	802
Relinquished		SPECT	3/26/15	874
Received		OSE	3/26/15	0839
Relinquished				
Received				

Comments/Special Instructions

Reviewed/Date

Reviewed/Date

Chromatograms with final report ☐

Data Package: Standard ☐ Level III ☐ Level IV ☐

Electronic Data Deliverables (EDDs) ☐ _____

amec foster wheeler

APPENDIX C

Data Validation / QA/QC

Memo

To:	Natasya Gray	Project:	16110
From:	Crystal Neirby	cc:	Project File
Tel:	(206) 342-1760		
Fax:	(206) 342-1761		
Date:	July 7, 2015		

Subject: **Kelly Moore Paints – PCB Sampling – February 2015**
Summary Data Quality Review – SDGs 1502-249, 1502-249B, 1503-068, 1503-068B, 1503-143, 1503-143B, 1503-274, and 1503-283

This memorandum presents a summary data quality review for analyses of 112 primary individual and composite soil samples and three soil field duplicates collected between February 26 and March 25, 2015. The samples were submitted to OnSite Environmental Inc. (OnSite), a Washington State Department of Ecology (Ecology)-accredited laboratory, located in Redmond, Washington. The samples were analyzed for the following analytes:

- Polychlorinated biphenyls (PCBs) by U.S. Environmental Protection Agency (EPA) Method 8082.

The samples associated with each sample delivery group (SDG) and a summary of the data quality review are presented in Table 1, attached. Some samples were submitted and were placed on hold pending results of associated samples. Only the samples analyzed by the laboratory are presented in Table 1.

The samples were received within the acceptable temperature range of 4 ± 2°C and there were no sample discrepancies noted by the laboratory upon receipt.

Data were reviewed in accordance with the appropriate method procedures. The most current control limits provided by the laboratory were used to evaluate the quality control data.

Hold times, method blanks, blank spike (BS) and blank spike duplicate (BSD), matrix spike/matrix spike duplicate (MS/MSD) results, surrogate recoveries, field duplicate results, and reporting limits were reviewed to assess compliance with applicable methods and the laboratory procedures. If data qualification was required, data were qualified in general accordance with the definitions and use of qualifying flags outlined in EPA documents (EPA, 2014).

Samples were analyzed for PCBs by the method identified in the introduction to this report and were evaluated for the following criteria.

1. Holding Times – Acceptable
2. Blanks – Acceptable
3. BS/BSD – Acceptable

The laboratory did not report blank spike results if acceptable MS/MSD results were reported, following their standard operating procedure. Sample results are not qualified.

4. MS/MSD – Acceptable

   The laboratory occasionally reported MS/MSD results performed with samples not associated with project samples. These MS/MSD results were not used to evaluate project samples.

5. Surrogates – Acceptable except as noted:

   SDG 1502-249
   The surrogate was not recovered in the analysis of sample KM15-B08-Dup-1, KM-15-B08-Comp-8, KM-15-B08-Comp-13. KM-15-B08-Comp-15. The samples were analyzed at dilutions between 10 and 20 times to overcome high analyte concentrations; therefore, the surrogate concentrations were also diluted. Sample results were not qualified due to the necessary dilutions.

   SDG 1503-068
   The surrogates were not recovered in the analysis of samples KM09-8-78 and KM09-8-79 due to the high dilution necessitated by matrix interference. Sample results are not qualified.

6. Field Duplicates – Acceptable

   Three field duplicates were submitted with this sampling event. Primary and duplicate results are summarized in the table below. The project-specific control limit for field duplicate relative percent differences (RPDs) are acceptable for sample pairs with concentrations greater than five times the reporting limit. The RPD is not calculated for results that are less than five times the reporting limit, as indicated on the table below by "NC." In these cases, the absolute value of the difference between the primary and duplicate result should not exceed the value of the reporting limit. The results for Aroclor 1254 and Aroclor 1260 in samples KM15-B08-4D and KM15-B08-DUP 1 are qualified as estimated. The difference between the primary and duplicate results exceeded the value of the reporting limit.

Sample ID/ Field Duplicate ID	Analyte	Primary Result (µg/L)	Duplicate Result (µg/L)	Reporting Limit (µg/L)	RPD (%)
KM15-B08-Comp-15/ KM15-B08-Dup-1	Aroclor 1260	3.2	3.3	0.55	3
KM15-B08-Comp-32B/ KM15-B08-Dup1-031315	Aroclor 1260	0.36	0.48	0.060	29
KM15-B08-4D/ KM15-B08-DUP 1	Aroclor 1254 Aroclor 1260	0.23 0.20	0.11 0.094	0.060	NC NC

7. Reporting Limits and Laboratory Qualifiers – Acceptable

Some of the samples were flagged with an “X” by the laboratory because these samples were treated with a mercury clean-up procedure. The samples are reported without the laboratory applied qualified and are not further qualified as a result of the data review.

OVERALL ASSESSMENT OF DATA

The OnSite SDGs 1502-249, 1502-249B, 1503-068, 1503-068B, 1503-143, 1503-143B, 1503-274, and 1503-283 are 100% complete. The data usability is based on EPA’s guidance documents. Few problems were identified and analytical performance was generally within specified limits. The data are acceptable and meet the project’s data quality objectives.

REFERENCES

U.S. Environmental Protection Agency (EPA), 2014, U.S. EPA National Functional Guidelines for Superfund Organic Methods Data Review: EPA 540-R-014-002, August.

TABLE 1
QUALIFIED RESULTS

Sample ID	SDG	Qualified Analyte	Qualified Result	Qualifier Reason
KM15-B08-Dup-1	1502-249	none	none	none
KM-15-B08-Comp-1				
KM-15-B08-Comp-2				
KM-15-B08-Comp-3				
KM-15-B08-Comp-4				
KM-15-B08-Comp-5				
KM-15-B08-Comp-6				
KM-15-B08-Comp-7				
KM-15-B08-Comp-8				
KM-15-B08-Comp-9				
KM-15-B08-Comp-10				
KM-15-B08-Comp-11				
KM-15-B08-Comp-12				
KM-15-B08-Comp-13				
KM-15-B08-Comp-14				
KM-15-B08-Comp-15				
KM-15-B08-Comp-16				
KM-15-B08-Comp-17				
KM-15-B08-Comp-18				
KM-15-B08-Comp-19				
KM-15-B08-Comp-20				
KM-15-B08-Comp-21				
KM-15-B08-Comp-22				
KM-15-B08-Comp-23				
KM-15-B08-Comp-24				
KM-15-B08-91	1502-249B	none	none	none

Amec Foster Wheeler Environment & Infrastructure, Inc.
600 University Street, Suite 600
Seattle, Washington
USA 98101-4107
Tel (206) 342-1760
Fax (206) 342-1761
www.amecfw.com

TABLE 1
QUALIFIED RESULTS

Sample ID	SDG	Qualified Analyte	Qualified Result	Qualifier Reason
KM-15-B08-Comp30	1503-068	none	none	none
KM-15-B08-Comp3				
KM-15-B08-Comp31				
KM-15-B08-Comp32				
KM-15-B08-Comp33				
KM-15-B08-Comp34				
KM-15-B08-Comp35				
KM-15-B08-Comp36				
KM-15-B08-Comp37				
KM-15-B08-Comp41				
KM-15-B08-Comp40	1503-068	none	none	none
KM-15-B08-Comp39				
KM-15-B08-Comp38				
KM-15-B08-Comp42				
KM-15-B08-Comp43				
KM-15-B08-Comp44				
KM-15-B08-Comp45	1503-068	none	none	none
KM-15-B08-Comp46	1503-068	none	none	none
KM-15-B08-Comp47				
KM-15-B08-Comp48				
KM-15-B08-Comp49				
KM-15-B08-Comp50				
KM-15-B08-Comp51				
KM-15-B08-Comp52				
KM-15-B08-Comp53				
KM-15-B08-Comp26				
KM-15-B08-Comp25				
KM-15-B08-Comp27				
KM-15-B08-Comp28				
KM-15-B08-Comp29				
KM-15-B08-31B	1503-068B	none	none	none
KM-15-B08-38B				

TABLE 1
QUALIFIED RESULTS

Sample ID	SDG	Qualified Analyte	Qualified Result	Qualifier Reason
KM15-B08-Comp 30B	1503-143	none	none	none
KM15-B08-Comp 31B				
KM15-B08-Comp 32B				
KM15-B08-Comp 41B				
KM15-B08-Comp 54				
KM15-B08-Comp 40B				
KM15-B08-Comp 55				
KM15-B08-Comp 39B				
KM15-B08-Comp 29B				
KM15-B08-Comp 42B				
KM15-B08-Comp 43B				
KM15-B08-Comp 44B				
KM15-B08-Comp 34B				
KM15-B08-Comp 36B				
KM15-B08-Dup1-031315				
KM15-B08-3C	1503-143B	none	none	none
KM15-B08-4C				
KM15-B08-5C				
KM15-B08-6C				
KM15-B08-10C				
KM15-B08-11C	1503-143B	none	none	none
KM15-B08-12C				
KM15-B08-13C				
KM15-B08-46B				
KM15-B08-47B	1503-143B	none	none	none

TABLE 1
QUALIFIED RESULTS

Sample ID	SDG	Qualified Analyte	Qualified Result	Qualifier Reason
KM15-B08-48B	1503-143B	none	none	none
KM15-B08-53B				
KM15-B08-54B				
KM15-B08-55B				
KM15-B08-57B				
KM15-B08-58C				
KM15-B08-59C				
KM15-B08-60C				
KM15-B08-61C				
KM15-B08-77C				
KM15-B08-78C				
KM15-B08-85C				
KM15-B08-86C				
KM15-B08-148B				
KM15-B08-149B				
KM15-B08-150B				
KM15-B08-151B				
KM15-B08-79C				
KM15-B08-87C				
KM15-B08-95C				
KM15-B08-103C				
KM15-B08-4D	1503-274	Aroclor 1254 Aroclor 1260	0.23 J 0.20 J	field duplicate RPDs
KM15-B08-6D		none	none	none
KM15-B08-46D				
KM15-B08-47D				
KM15-B08-48D				
KM15-B08-53D				
KM15-B08-54D				
KM15-B08-60D				
KM15-B08-77D				
KM15-B08-91D				
KM15-B08-Dup 1		Aroclor 1254 Aroclor 1260	0.11 J 0.094 J	field duplicate RPDs
KM15-B08-38D	1503-283	none	none	none

Abbreviations:
J = result is estimated
RPD = relative percent difference
SDG = Sample Delivery Group

APPENDIX D

Waste Disposal Tickets

TE
Roosevelt Landfill
500 Roosevelt Grade Rd
Roosevelt Wa, 99356

USTOMER
010385
Rhine Demolition
1124-112th St. E.
Tacoma, WA 98445
TB-12157

SITE	TICKET #	CELL
3A	328938	240882

WEIGHMASTER: Janice F.

DATE/TIME IN	DATE/TIME OUT
02-28-2015 7:20 am	02-28-2015 7:45 am

VEHICLE	CONTAINER
7327	RBDU201083

REFERENCE: INVOICE

BILL OF LADING: BNSF231193 02/25/2015 0

SCALE IN	GROSS WEIGHT	90,240	NET TONS	21.46
SCALE OUT	TARE WEIGHT	47,320	NET WEIGHT	42,920

INBOUND

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
28.00	YD	TRACKING QTY				
21.46	TN	Contaminated Debris Seattle				
1.00		CONTAINER/CHASIS RENTAL				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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Roosevelt Wa, 99356

JSTOMER
010385
Rhine Demolition
1124-112th St. E.
Tacoma, WA 98445
TB-12157

SITE	TICKET #	CELL
3A	328940	240883

WEIGHMASTER: Janice F.

DATE/TIME IN	DATE/TIME OUT
02-28-2015 7:34 am	02-28-2015 7:56 am

VEHICLE	CONTAINER
5833	GCEU425067

REFERENCE: INVOICE

BILL OF LADING: BNSF231193 02/25/2015

SCALE IN / SCALE OUT
GROSS WEIGHT 106,140
TARE WEIGHT 46,220
NET TONS 29.96
NET WEIGHT 59,920
INBOUND

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
28.00	YD	TRACKING QTY				
29.96	TN	Contaminated Debris Seattle				
1.00		CONTAINER/CHASIS RENTAL				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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Roosevelt Wa, 99356

USTOMER
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Rhine Demolition
1124-112th St. E.
Tacoma, WA 98445
TB-12157

SITE	TICKET #	CELL
3A	328936	240884

WEIGHMASTER: Janice F.

DATE/TIME IN	DATE/TIME OUT
02-28-2015 6:54 am	02-28-2015 7:36 am

VEHICLE	CONTAINER
8648	TOLU422705

REFERENCE: INVOICE

BILL OF LADING: DTFX427846 02/25/2015

SCALE IN / SCALE OUT — GROSS WEIGHT 87,140 — TARE WEIGHT 47,340 — NET TONS 19.90 — NET WEIGHT 39,800 — INBOUND

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
28.00	YD	TRACKING QTY				
19.90	TN	Contaminated Debris Seattle				
1.00		CONTAINER/CHASIS RENTAL				

NET AMOUNT

TENDERED

CHANGE

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SITE	TICKET #	CELL
3A	328937	240885

WEIGHMASTER: Janice F.

DATE/TIME IN	DATE/TIME OUT
02-28-2015 7:11 am	02-28-2015 7:39 am

VEHICLE	CONTAINER
6181	GCEU425399

REFERENCE: INVOICE

BILL OF LADING: BNSF231085 02/25/2015 0

MANUAL IN
SCALE OUT

GROSS WEIGHT 84,600
TARE WEIGHT 45,400
NET TONS 19.60
NET WEIGHT 39,200

INBOUND

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
28.00	YD	TRACKING QTY				
19.60	TN	Contaminated Debris Seattle				
1.00		CONTAINER/CHASIS RENTAL				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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SITE	TICKET #	CELL
3A	328939	240886

WEIGHMASTER: Janice F.

DATE/TIME IN	DATE/TIME OUT
02-28-2015 7:09 am	02-28-2015 7:49 am

VEHICLE	CONTAINER
7331	GCEU425981

REFERENCE: INVOICE

BILL OF LADING: BNSF231085 02/25/2015 0

SCALE IN GROSS WEIGHT 103,060 NET TONS 28.09
SCALE OUT TARE WEIGHT 46,880 NET WEIGHT 56,180 INBOUND

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
28.00	YD	TRACKING QTY				
28.09	TN	Contaminated Debris Seattle				
1.00		CONTAINER/CHASIS RENTAL				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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JSTOMER 010385
Rhine Demolition LLC
1124-112th St. E.
Tacoma, WA 98445
TB-12157

SITE	TICKET #	CELL
3A	329412	240895

WEIGHMASTER: Janice F.

DATE/TIME IN	DATE/TIME OUT
03-07-2015 6:37 am	03-7-2015 7:00 am

VEHICLE	CONTAINER
3450	GCEU425933

REFERENCE: INVOICE

BILL OF LADING: BNSF291019 03/05/2015

SCALE IN GROSS WEIGHT 109,680 NET TONS 30.82
SCALE OUT TARE WEIGHT 48,040 NET WEIGHT 61,640 INBOUND

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
28.00	YD	TRACKING QTY				
30.82	TN	Contaminated Debris Seattle				
1.00		CONTAINER/CHASIS RENTAL				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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SITE	TICKET #	CELL
3A	329528	240896

WEIGHMASTER: Gail H.

DATE/TIME IN	DATE/TIME OUT
03-09-2015 11:59 am	03-9-2015 12:26 pm

VEHICLE	CONTAINER
0329	RBSU200250

REFERENCE: INVOICE

BILL OF LADING: BNSF231079 03/05/2015 0

SCALE IN GROSS WEIGHT 101,880 NET TONS 27.06
SCALE OUT TARE WEIGHT 47,760 NET WEIGHT 54,120 INBOUND

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
28.00	YD	TRACKING QTY				
27.06	TN	Contaminated Debris Seattle				
1.00		CONTAINER/CHASIS RENTAL				

NET AMOUNT
TENDERED
CHANGE
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Roosevelt Wa, 99356

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TB-12157

SITE	TICKET #	CELL
3A	329531	240897

WEIGHMASTER: Gail H.

DATE/TIME IN	DATE/TIME OUT
03-09-2015 12:02 pm	03-9-2015 12:32 pm

VEHICLE	CONTAINER
7328	TRLU901576

REFERENCE: INVOICE

BILL OF LADING: BNSF230130 03/05/2015 0

SCALE IN GROSS WEIGHT 105,180 NET TONS 28.49
SCALE OUT TARE WEIGHT 48,200 NET WEIGHT 56,980 INBOUND

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
28.00	YD	TRACKING QTY				
28.49	TN	Contaminated Debris Seattle				
1.00		CONTAINER/CHASIS RENTAL				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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Tacoma, WA 98445
TB-12157

SITE 3A	TICKET # 329674	CELL 240957
WEIGHMASTER Beckey V.		
DATE/TIME IN 03-11-2015 11:42 am		DATE/TIME OUT 03-11-2015 12:05 pm
VEHICLE 0181		CONTAINER GCLU435337
REFERENCE		INVOICE
BILL OF LADING DTTX27267	03/09/2015	0

SCALE IN	GROSS WEIGHT	105,780	NET TONS	30.38
SCALE OUT	TARE WEIGHT	45,020	NET WEIGHT	60,760

INBOUND

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
28.00	YD	TRACKING QTY				
30.38	TN	Contaminated Debris Seattle				
1.00		CONTAINER/CHASIS RENTAL				

NET AMOUNT
TENDERED
CHANGE
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TB-12157

SITE	TICKET #	CELL
3A	330044	241036

WEIGHMASTER: Gail H.

DATE/TIME IN	DATE/TIME OUT
03-16-2015 7:09 am	03-16-2015 7:29 am

VEHICLE	CONTAINER
0330	GCEU425514

REFERENCE: INVOICE

BILL OF LADING: BNSF25027 03/13/2015

SCALE IN / SCALE OUT
GROSS WEIGHT 113,380 NET TONS 31.88
TARE WEIGHT 49,620 NET WEIGHT 63,760
INBOUND

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
28.00	YD	TRACKING QTY				
31.88	TN	Contaminated Debris Seattle				
1.00		CONTAINER/CHASIS RENTAL				

NET AMOUNT
TENDERED
CHANGE
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ITE Roosevelt Landfill
500 Roosevelt Grade Rd
Roosevelt Wa, 99356

USTOMER
010385
Rhine Demolition LLC
1124-112th St. E.
Tacoma, WA 98445
TB-12157

SITE	TICKET #	CELL
3A	330046	241034

WEIGHMASTER: Gail H.

DATE/TIME IN	DATE/TIME OUT
03-16-2015 7:27 am	03-16-2015 7:47 am

VEHICLE	CONTAINER
0329	TOLU458173

REFERENCE: INVOICE

BILL OF LADING: BNSF291782 03/13/2015

SCALE IN / SCALE OUT
GROSS WEIGHT 109,600
TARE WEIGHT 48,100
NET TONS 30.75
NET WEIGHT 61,500
INBOUND

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
28.00	YD	TRACKING QTY				
30.75	TN	Contaminated Debris Seattle				
1.00		CONTAINER/CHASIS RENTAL				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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500 Roosevelt Grade Rd
Roosevelt Wa, 99356

JSTOMER
010385
Rhine Demolition LLC
1124-112th St. E.
Tacoma, WA 98445
TB-12198

SITE	TICKET #	CELL
3A	330832	241263

WEIGHMASTER: Janice F.

DATE/TIME IN	DATE/TIME OUT
03-28-2015 6:25 am	03-28-2015 7:24 am

VEHICLE	CONTAINER
6180	TOLU422536

REFERENCE: INVOICE

BILL OF LADING: BNSF231136 03/25/2015 0

SCALE IN	GROSS WEIGHT	96,100	NET TONS	24.96
SCALE OUT	TARE WEIGHT	46,180	NET WEIGHT	49,920

INBOUND

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
28.00	YD	TRACKING QTY				
24.96	TN	Contaminated Debris Seattle				
1.00		CONTAINER/CHASIS RENTAL				

3974

NET AMOUNT

TENDERED

CHANGE

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Roosevelt Landfill
500 Roosevelt Grade Rd
Roosevelt Wa, 99356

JSTOMER
010385
Rhine Demolition LLC
1124-112th St. E.
Tacoma, WA 98445
TB-12198

SITE	TICKET #	CELL
3A	330841	241259

WEIGHMASTER: Janice F.

DATE/TIME IN	DATE/TIME OUT
03-28-2015 6:35 am	03-28-2015 7:44 am

VEHICLE	CONTAINER
7331	TRLU901987

REFERENCE: INVOICE

BILL OF LADING: BNSF231083 03/25/2015

SCALE IN	GROSS WEIGHT	101,520	NET TONS	26.80	
SCALE OUT	TARE WEIGHT	47,920	NET WEIGHT	53,600	INBOUND

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
28.00	YD	TRACKING QTY				
26.80	TN	Contaminated Debris Seattle				
1.00		CONTAINER/CHASIS RENTAL				

3974

NET AMOUNT

TENDERED

CHANGE

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SIGNATURE _____

SITE
Roosevelt Landfill
500 Roosevelt Grade Rd
Roosevelt Wa, 99356

CUSTOMER
010385
Rhine Demolition LLC
1124-112th St. E.
Tacoma, WA 98445
TB-12198

SITE	TICKET #	CELL
3A	330843	241266

WEIGHMASTER: Janice F.

DATE/TIME IN	DATE/TIME OUT
03-28-2015 6:37 am	03-28-2015 7:49 am

VEHICLE	CONTAINER
7330	GCEU435114

REFERENCE: INVOICE

BILL OF LADING: BNSF230081 03/25/2015 0

SCALE IN — GROSS WEIGHT 105,060 — NET TONS 28.59
SCALE OUT — TARE WEIGHT 47,880 — NET WEIGHT 57,180 — INBOUND

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
28.00	YD	TRACKING QTY				
28.59	TN	Contaminated Debris Seattle				
1.00		CONTAINER/CHASIS RENTAL				

3974

NET AMOUNT
TENDERED
CHANGE
CHECK#

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

RS-F042UPR (07/12)

SIGNATURE _____

TE
Roosevelt Landfill
500 Roosevelt Grade Rd
Roosevelt Wa, 99356

JSTOMER
010385
Rhine Demolition LLC
1124-112th St. E.
Tacoma, WA 98445
TB-12198

SITE	TICKET #	CELL
3A	330847	241261

WEIGHMASTER: Janice F.

DATE/TIME IN	DATE/TIME OUT
03-28-2015 7:26 am	03-28-2015 8:01 am

VEHICLE	CONTAINER
0330	TOLU425276

REFERENCE: INVOICE

BILL OF LADING: DTTX427790 03/25/2015 0

SCALE IN	GROSS WEIGHT	103,040	NET TONS	27.68
SCALE OUT	TARE WEIGHT	47,680	NET WEIGHT	55,360

INBOUND

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
28.00	YD	TRACKING QTY				
27.68	TN	Contaminated Debris Seattle				
1.00		CONTAINER/CHASIS RENTAL				

3974

NET AMOUNT

TENDERED

CHANGE

CHECK#

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

RS-F042UPR (07/12)

SIGNATURE _____

CONTAINS HAZARDOUS MATERIALS

2081983

STRAIGHT BILL OF LADING – ORIGINAL – NOT NEGOTIABLE

Shipper's No. S-15-0492 PSC

Carrier **Ingenium Group, LLC** **1-800-805-6236** SCAC

Carrier's No. 04/27/2015 Date

TO: Consignee / Street / Destination	Burlington Environmental, LLC 20245 77th Ave S Kent, WA Zip 98032	**FROM:** Shipper / Street / Origin	Kelly Moore Paint Company 5410 AirportWay S Seattle, WA Zip 98108

Route | Vehicle Number | U.S. DOT Hazmat Reg. No. 122106.550.0080P

Number and Type of Packages	HM	I.D. Number	Description of Articles	Hazard Class	Pkg. Grp.	Total Quantity (mass, volume, or activity)	Weight (subject to correction)	Class or Rate
2-DM55		584429	Material Not Regulated by DOT (Rain Water)			600	P	

#5

B5788

Stephanie Hutelin
4/30/15

Remit COD to:
Address:
City: State: Zip:

NOTE: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding $ Per

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.
(Signature of Consignor)

COD AMT: $

TOTAL CHARGES: $

COD FEE: Prepaid ☐ Collect ☐ $

FREIGHT CHARGES: ☐ Prepaid ☐ Collect

RECEIVED, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications and rules that have been established by the carrier and are available to the shipper, on request; and all applicable state and federal regulations; the Property described above, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above, which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to delivery at said destination, if on its route, or otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said Property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said Property that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on the back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

NOTE: Liability Limitation for loss or damage in this shipment may be applicable. See 49 U.S.C. 14706(c)(1)(A) and (B).

This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation. Per

PLACARDS REQUIRED

PLACARDS SUPPLIED ☐ BY SHIPPER ☐ BY CARRIER

DRIVER'S SIGNATURE:

SHIPPER: Kelly Moore Paint Co.
PER: Robert W. Stetson DATE: 4/27/15

CARRIER: Ingenium Group LLC
PER: DATE: 4-27-15

EMERGENCY RESPONSE TELEPHONE NUMBER: 800 633-8253

NAME OR CONTRACT NUMBER OR OTHER UNIQUE IDENTIFIER:

215-BLC-O 3 12466 (Rev. 9/10)

CONTAINS HAZARDOUS MATERIALS 1

CONTAINS HAZARDOUS MATERIALS

CONTAINS HAZARDOUS MATERIALS