PCB REMEDIATION COMPLETION REPORT

Riverfield
Elementary School

Fairfield, Connecticut

Project No. 227361

Kenneth Boroson Architects, LLC

January 2016

woodardcurran.com
COMMITMENT & INTEGRITY DRIVE RESULTS

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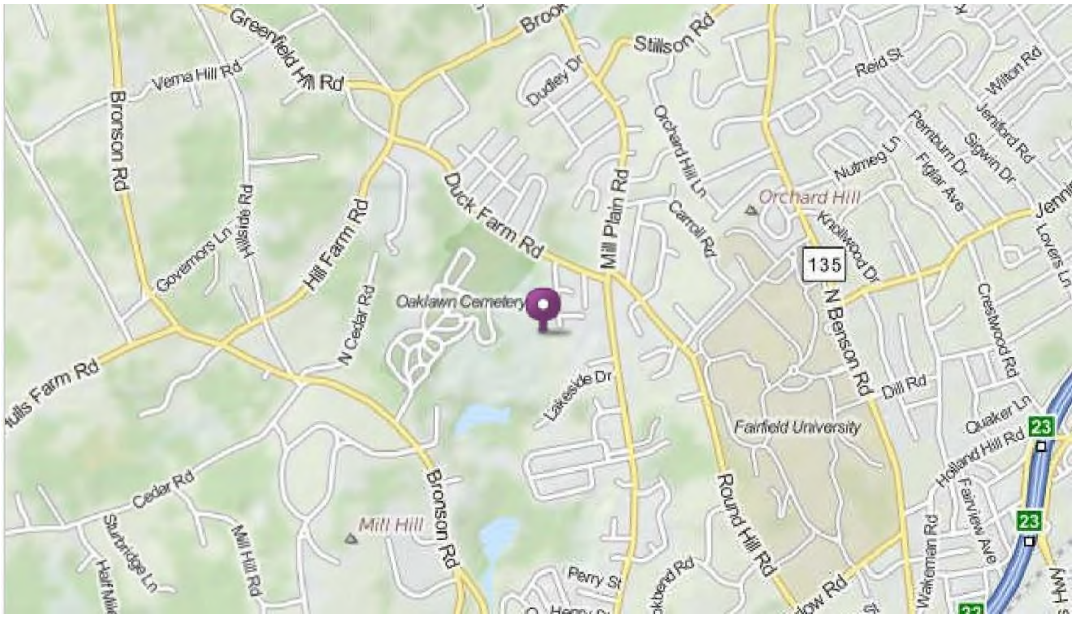
1. INTRODUCTION

This Polychlorinated Biphenyl (PCB) Remediation Completion Report has been prepared by Woodard & Curran on behalf of the Fairfield School District to comply with the requirements set forth in the U.S. Environmental Protection Agency's (EPA) July 22, 2014 PCB Cleanup and Risk-Based Disposal Approval under 40 CFR 761.61(a) and (c) (the Approval) for the subject work. This Approval is provided in Appendix A to this Report.

This report documents PCB remediation activities conducted at the Riverfield Elementary School located at 1625 Mill Plain Road, Fairfield, Connecticut (see Figure 1-1 below) as described in the Notification[1] and the Approval and modifications provided in the January 21, 2015 PCB Remediation Project Status Update. In addition, this report documents the removal and off-site disposal of ≥ 50 ppm PCB containing waterproofing felt identified within the walls of the gymnasium portion of the building and the subject of the Consent Agreement and Final Order (CAFO) between the EPA and the Fairfield School District dated August 27, 2014. Activities associated with the waterproofing felt were conducted in accordance with the PCB Remediation Plan for the Gymnasium Waterproofing Felt submitted to EPA on May 12, 2015.

Figure 1-1 Site Location



1.1 SITE DESCRIPTION

The Riverfield Elementary School is a single floor school building located at 1625 Mill Plain Road, Fairfield, Connecticut. The main portion of the building was constructed in 1958/1959 with an expansion conducted in 1971, which added a

[1] Information was prepared by Woodard & Curran on behalf of the Fairfield School District to support a PCB cleanup and risk-based disposal approach under 40 CFR 761.61(a) and (c). Information was submitted dated January 7, 2014 (PCB Remediation Plan): March 4, 2014 (Response to EPA questions on PCB Remediation Plan): March 28, 2014 (emails Revised Figure 5-1, gymnasium door and expansion joint plan summary); May 9, 2014 (emails clarification on removal/encapsulation distance); and May 12, 2014 (emails public outreach information). These submittals together form the "Notification."

gymnasium, the "POD" classroom wing, and a media center. Additional expansions were also conducted in 2000, 2005, and 2009. A site plan depicting the footprint of the building is provided as Figure 1-2.

1.2 SITE BACKGROUND / CONCEPTUAL SITE MODEL

As part of the preparation for an interior renovation project, a materials survey was conducted to check for the presence of various hazardous materials that may be encountered during the project. This included inspection and sampling of suspect materials for asbestos, lead based paint, and PCBs within planned renovation areas within the 1958/59 Construction Area and the 1971 Gymnasium Addition.

Suspect materials within the renovation areas were observed during the survey and samples of materials were collected and submitted for hazardous materials determination, including PCB analysis. Results from the survey and sampling indicated that the majority of the samples were either non-detect or exhibited PCB concentrations < 50 ppm, including all samples collected from within the 1958/1959 portion of the building. PCBs were identified at concentrations ≥ 50 ppm in three types of materials located within the 1971 gymnasium area. These materials included waterproofing felt in the gymnasium walls, caulking along six door frames, and caulking within three exterior brick to brick expansion joints.

Characterization samples of building materials adjacent to the sealants containing PCBs ≥ 50 ppm were collected to determine the nature and extent of PCBs in these materials. Characterization sample results were used with the overall renovation plan, to develop the remediation plan for the removal and disposal of ≥ 50 ppm PCB-containing materials as well as those materials impacted by ≥ 50 ppm PCB containing materials.

1.3 SUBMITTALS AND PROJECT TIMELINE

The following list provides a summary of the major activities conducted and document submittals prepared as part of the remediation activities. It should be noted that sampling was conducted throughout the program in support of these submittals.

- PCB Remediation Plan submitted – January 7, 2014
- Revised figures submitted – March 4, 2014
- Clarification on removal/encapsulation distance submitted – May 9, 2014
- Public outreach correspondence – May 12, 2014
- EPA Approval received – July 22, 2014
- Owner Acknowledgement of PCB Cleanup and Risk-Based Disposal Approval submitted – July 30, 2014
- School Community Outreach Plan submitted – August 26, 2014
- Request for extension for submittal of Long Term Monitoring Plan pending determination as to whether or not the gymnasium walls were to be removed submitted – September 24, 2014
- Contractor Work Plans and Certifications – multiple submittals between November 2014 and May 2015
- PCB Remediation Activities commenced – November 14, 2014 (limited work conducted during school break periods)
- PCB Remediation Project Status Update – January 21, 2015
- PCB Remediation Plan – Gymnasium Waterproofing Felt submitted – May 12, 2015
- PCB Remediation Activities completed – December 16, 2015 (final waste shipment)

1.4 PROJECT TEAM

The remediation project team consisted of the following parties:

- Fairfield School District – Owner
- Gilbane, Inc. – General Contractor
- AAIS Corporation – PCB Remediation Subcontractor
- Enviromed Services – Asbestos monitoring and perimeter dust monitoring subcontractor
- Woodard & Curran, Inc. – PCB Remediation Consultant
- Con-Test Analytical Laboratory – Laboratory for PCB sample analysis

2. REMEDY IMPLEMENTATION

This section describes the PCB cleanup and disposal activities conducted at the Site under the Approval, consistent with the requirements of 40 CFR 761.61 (a) and (c) and activities conducted for the removal of the waterproofing felt within the walls of the gymnasium. Limited remediation activities began on November 15, 2014 and the majority of activities were conducted in June and July of 2015. Activities were completed on December 16, 2015 with the final shipment of waste materials related to the PCB remediation activities.

In summary, all ≥ 50 ppm PCB containing caulking, sealants, and building materials were removed for off-site disposal as PCB Bulk Product Waste, including the gymnasium wall waterproofing felt subject to the requirements of the CAFO. Door frames and components and adjacent building materials coated with ≥ 50 ppm PCB sealants were also removed for off-site disposal as PCB Bulk Product Waste.

Building materials identified as Excluded PCB Products (those containing < 50 ppm PCBs) were removed for off-site disposal as < 50 ppm PCB wastes and as asbestos waste, when applicable.

A summary of activities including, site preparations and controls, PCB impacted material removals or encapsulations, inspections and verification sample collection and analysis, and material disposal is presented in the following sections.

2.1 SITE PREPARATION AND CONTROLS

Prior to initiating the remediation activities, site preparations and controls were implemented as described in Notification. These preparations included the development of a Health & Safety Plan, Contractor Work Plan, and securing access to the active work areas. During work activities the building was either vacant or occupants were temporarily relocated to a portion of the building away from active work. Remediation work was performed at the school during several phases while school was not in session.

For interior renovations, PCB remediation activities were conducted under full negative pressure containments and controls established due to the asbestos abatement requirements. For exterior remediation, controls were established in accordance with the applicable asbestos regulations and included the use of polyethylene sheeting on ground surfaces and on temporary work area boundary walls set up around the perimeter of the 1971 addition walls (typically chain link fences or similar with sheeting attached). During exterior remediation activities, dust was controlled using airless sprayers to provide a misting application during demolition. Perimeter dust monitoring was conducted during portions of the gymnasium wall removals by representatives from EnviroMed Services in coordination with the required asbestos abatement monitoring conducted (additional dust monitoring was conducted at the perimeter of the work areas during the large scale demolition of the gymnasium walls). Occasional sporadic dust readings were observed and attributed to normal construction and traffic activities; however, all sustained dust readings were below the project action level of 0.1 mg/m^3. Dust monitoring information is provided in Appendix B.

2.2 SAMPLING AND ANALYTICAL METHODS

Verification samples collected in support of the remediation activities described herein were collected in accordance with generally accepted procedures for environmental sampling. Masonry samples were collected consistent with the EPA Region I Standard Operating Procedure for Sampling Porous Surfaces for PCBs (May 2011). Surface wipe samples were collected using hexane-saturated gauze wipes in accordance with the standard wipe test method under 40 CFR 761.123.

Samples were transferred on ice to Con-Test Analytical Laboratory of East Longmeadow, Massachusetts under standard chain of custody procedures. Samples were extracted using USEPA Method 3540C (Soxhlet extraction) and analyzed for PCBs using USEPA Method 8082. Electronic versions of the laboratory analytical packages for the data presented in this section are provided in Appendix C.

2.3 REMEDIATION OF ≥ 50 PPM PCB CONTAINING MATERIALS

Three types of materials were identified as containing PCBs at concentrations ≥ 50 ppm and classified as PCB Bulk Product Waste within the 1971 gymnasium area. These materials included waterproofing felt in the gymnasium walls, caulking along six door frames, and caulking within three exterior brick to brick expansion joints.

These three materials were removed as part of the gymnasium removal portion of the renovation project which included the complete removal of the gymnasium addition with the exception of the floor slab and structural steel supports. A description of the remedial activities and verification processes for each of the three materials is presented in the following sections.

2.3.1 Gymnasium Doors

Caulking on the interior and exterior metal door frame to the masonry joints was identified as containing PCBs ≥ 50 ppm. All six doors within the gymnasium area were removed during renovation activities. Caulking, door frames, and door components were removed using hand tools for disposal as PCB Bulk Product Waste in accordance with 40 CFR 761.62. Surrounding building materials were managed in one of two ways based on the planned renovation scope of work.

At Doors 1, 3, 4, and 5, the surrounding masonry was removed for off-site disposal with the waterproofing felt in the gymnasium walls as described in Section 2.3.3 below. Masonry on the 1958/1959 sides of Doors 2 and 6 was scheduled to remain in place. In order to remove all residual PCBs > 1 ppm, verification samples were collected from the brick to establish a remediation cut-line location away from the joints (i.e., the extent of PCBs > 1 ppm). A summary of the analytical results is as follows:

- Door 2 – One verification sample was collected from the beginning of the second row of brick away from the caulked joint on the interior and exterior side of the door jamb. Analytical results indicated that PCBs were either non-detect (< 0.098 ppm) or present at a concentration of 0.15 ppm.

  Based on these results, the first row of brick along the interior and exterior caulked joints was removed using electric hammer drills and hand tools for disposal as PCB Bulk Product Waste with the caulking. Brick beyond this point was either left in place or removed for disposal as general demolition debris based on the overall project requirements.

- Door 6 – One verification sample was collected from the beginning of the second row of brick away from the caulked joint on the interior and exterior side of the door jamb. Total PCBs were reported at concentrations of 0.29 ppm on exterior brick and at a concentration of 1.2 ppm in interior brick. Based on these results, an additional sample was collected from the beginning of the third row of brick away from the interior joint. Analytical results indicated that PCBs were present at a concentration of 0.14 ppm.

  Based on these results, the first two rows of brick along interior and exterior sides of the door were removed using electric hammer drills and hand tools for off-site disposal as PCB Bulk Product waste with the caulking. Brick beyond this point was either left in place or removed for disposal as general demolition debris based on the overall project requirements.

The locations of the six doors are depicted on Figure 2-1 and a summary of analytical results are presented on Table 2-1. The complete analytical laboratory reports are included in Appendix C.

2.3.2 Gymnasium Exterior Expansion Joints

Caulking within three exterior brick to brick expansion joints was identified as containing ≥ 50 ppm PCBs. Caulking was removed for off-site disposal as PCB Bulk Product Waste along with the walls of the gymnasium as part of the removal of waterproofing felt materials. Based on the complete removal of the walls, verification samples were not collected.

The locations of the former joints are depicted on Figure 2-1.

2.3.3 Gymnasium Waterproofing Felt

Waterproofing felt containing ≥ 50 ppm PCBs was identified within the exterior walls of the 1971 gymnasium addition. The EPA and the Fairfield School district entered into a Consent Agreement and Final Order for the temporary in place management of these materials on August 27, 2014 (the date of signature by EPA). However, as described in the January 21, 2015 PCB Remediation Project Status Update, the Town of Fairfield elected to remove the gymnasium walls in their entirety as part of the renovation. Because of the interlocking construction of the exterior brick, waterproofing felt, and interior CMU blocks, all materials were removed as a single waste stream for off-site disposal as PCB Bulk Product Waste. The walls were removed in two phases. The first phase, conducted in January 2015 during the winter break included the removal of walls along the gym office, storage room, and restrooms using manual methods. The second phase was conducted in June 2015 and included the remaining walls of the gymnasium. During the second phase, the walls were removed using an excavator equipped with a bucket located inside the containment area. Following removal of the top courses of brick and CMU block with hand tools, the remainder of the wall was removed with the excavator. An airless sprayer was used to suppress dust during demolition activities. All material was stockpiled on the gymnasium floor, then loaded directly into either dump trailers or roll-off containers for disposal as PCB bulk product waste. The gymnasium flooring was subsequently abated and removed as described in Section 2.4 below.

During demolition activities, it was observed that the waterproofing felt was applied directly to the exterior faces of nine vertical steel beams scheduled to remain in place. Following abatement of the waterproofing from the faces of the beams and asbestos clearance inspections and testing, wipe samples were collected from the vertical face of every third beam to determine if PCB impacts were present on the steel. Analytical results indicated that PCBs were non-detect (< 0.20 µg/100cm^2) in the three samples. Based on these results, no additional activities were conducted with respect to the steel beams (the steel beams were left in place and used as structural support for the replacement gymnasium).

The locations of the three wipe samples are depicted on Figure 2-1 and a summary of analytical results are presented on Table 2-1. The complete analytical laboratory reports are included in Appendix C.

2.4 REMOVAL OF > 1 AND < 50 PPM PCB CONTAINING MATERIALS

Building materials identified as containing PCBs at concentrations > 1 and < 50 ppm within the 1958/1959 portion of the building and the 1971 gymnasium addition were determined by the Town of Fairfield to meet the definition of Excluded PCB Products and therefore, not subject to the requirements of 40 CFR 761. The remediation plan for removal of these materials was included in the original PCB Remediation Plan that was submitted to allow for review and comment by the Connecticut Department of Energy and Environmental Protection (CTDEEP).

Removal and off-site disposal of these materials was conducted in accordance with the PCB Remediation Plan to verify compliance with CTDEEP regulatory requirements and guidance documents for the removal and verification of materials containing PCBs > 1 and < 50 ppm. Following removal, verification inspections and sampling were conducted in accordance with the PCB Remediation Plan.

Removals were conducted under polyethylene containments and controls including negative pressure and HEPA filtration for the majority of the work areas. A description of the removal activities and verification processes for these materials is provided below.

2.4.1 Caulking/Sealants

Caulking/sealants associated with windows and doors within the 1958/1959 portion of the building and a ventilation louver on the exterior wall of the gymnasium addition were identified as Excluded PCB Product. A summary of the removal and verification for each is as follows:

- Doors – The project included the removal of 28 doors identified as containing caulking with > 1 and < 50 ppm PCBs and asbestos on the frame to masonry joints. Caulking was abated following the applicable asbestos regulations. Door frames and components in direct contact with the caulking/sealants were cleaned to remove all visible caulking/sealant residue and segregated for recycling/disposal as general demolition debris/recyclable material in accordance with the project specifications. Following removal of the caulking and door frames, verification samples were collected from the underlying masonry at a frequency of 1 sample per 5 doors for a total of 6 samples and submitted for PCB analysis. Analytical results indicated that PCBs were non-detect (reporting limits of < 0.10 mg/kg or lower) in the 6 samples collected.
- Windows – The project included the removal of 20 windows identified as containing caulking with > 1 and < 50 ppm PCBs and asbestos on the frame to masonry joints. Window frames and components in direct contact with the caulking/sealants were cleaned to remove all visible caulking/sealant residue and segregated for recycling/disposal as general demolition debris/recyclable material in accordance with the project specifications. Following removal of the caulking and window frames, verification samples were collected from the underlying masonry at a frequency of a 1 sample per 5 locations for a total of 6 samples and submitted for PCB analysis (one additional sample was collected due to the sequencing of the removals). Analytical results indicated that PCBs were either non-detect (5 samples with reporting limits of < 0.10 or lower) or present at a concentration of 0.12 mg/kg.
- Ventilation Louver – Caulking along a ventilation louver on the exterior of the gym storage room wall was identified as containing > 1 and < 50 ppm PCBs. Following the decision to remove the entire gymnasium, the louver, caulking source material, and surrounding wall were removed with the gymnasium waterproofing felt for disposal. Based on the complete removal of the walls, verification samples were not collected.

The locations of the verification samples are depicted on Figure 2-2. A summary of the verification sampling results is presented on Table 2-2 and the complete laboratory analytical reports are included in Appendix C.

2.4.2 Flooring Materials

Flooring materials from within the All Purpose Room (APR) and adjacent stage area of the 1958/59 portion of the building and within the gymnasium and gym storage room were identified as containing > 1 and < 50 ppm PCBs and asbestos. Flooring materials and underlying mastics were removed under negative pressure containments and controls for off-site disposal as ACM with low level PCBs. Following removal and asbestos clearance testing, samples of the underlying slabs were collected and submitted for PCB analysis. Verification samples consisted of two discrete samples from each work area composited into one sample for analysis as follows:

- All Purpose Room/Stage – this area was divided into two areas; one composite sample was submitted from each half.
- Gymnasium - the area was divided into two areas; one composite sample was submitted from each half.
- Gymnasium Storage Room – one composite sample was submitted from this room.

Analytical results indicated that PCBs were non-detect in the five samples analyzed with reporting limits of < 0.098 mg/kg or lower.

The areas represented by each composite sample are depicted on Figures 2-1 and 2-2. A summary of the analytical results is presented on Table 2-2 and the complete analytical laboratory reports are included in Appendix C.

2.4.3 Waterproofing Materials

Waterproofing materials within the exterior building wall of the 1958/59 portion of the building scheduled for removal were identified as asbestos and as containing PCBs at concentrations > 1 and < 50 ppm. Waterproofing materials were removed using means and methods and containments and controls as required by the applicable asbestos

regulations. Following removal, visual inspections were conducted to confirm the removals were completed from within the designated removal areas. As per the remediation plan, following removal, verification samples were not collected due to the characterization sampling results of the materials (non-detect at < 0.78 ppm and present at 1.5 ppm). Materials were managed for off-site disposal as ACM and low level PCB waste.

2.4.4 Adhesive Material

Glue associated with the tack board in Room 001 and covebase mastic within the gym storage area was identified as asbestos and reported to contain PCBs at concentrations < 50 ppm. Removals were conducted under negative pressure containments and controls established for asbestos abatement activities throughout the building. Following removal, visual inspections were conducted to confirm that residual adhesives were no longer present on the walls. Due to the limited area in question, verification samples of the underlying walls were not collected for PCB analysis. In addition, the walls of the gym storage area were subsequently removed as part of the planned demolition gymnasium addition.

2.4.5 Painted Wall Materials

Paint on certain masonry walls scheduled for removal was identified as containing PCBs > 1 and < 50 ppm. Based on these results, paint on walls scheduled to be removed were assumed to contain PCBs > 1 and < 50 ppm. Walls were removed using standard manual and mechanical demolition methods under polyethylene containments (negative pressure controls required for asbestos abatement were also in place during portions of the wall demolition depending on the project sequencing in areas around the building). Following removal, visual inspections were conducted to confirm that wall removal was conducted in those areas required by the project specifications. All walls identified as containing PCBs >1 and < 50 ppm through analytical testing were removed as part of the renovation project. Remaining walls were coated with a new coat of interior paint as part of the project requirements.

3. DATA USABILITY ASSESSMENT

This data quality and data usability assessment has been conducted to review the samples collected in support of the remediation and verification activities. Data validation and review was conducted by Woodard & Curran and a third-party validator, Data Check, Inc. of New Durham, New Hampshire. This review included a check of field documentation including sample collection and preservation methods, a check of the laboratory data and documentation, a review of the internal laboratory QA/QC procedures and results including surrogate recoveries, blank results, matrix spike (MS) and matrix spike duplicate (MSD) results, laboratory control standard (LCS) and laboratory control standard duplicate (LCSD) results, and an evaluation of sample holding times. Data Check's data validation summaries are provided in Appendix C.

A summary of the data usability assessment for the data is presented below:

- All samples were extracted by USEPA Method 3540C (Soxhlet Extraction) and analyzed for PCBs by USEPA Method 8082.
- Consistent procedures and laboratory analysis of the data were achieved. Sample containers were packed on ice and delivered to the laboratory under standard chain of custody procedures. All samples were extracted and analyzed within allowable holding times for the method.
- Some samples were received at the laboratory outside the acceptable temperature range (4º Celsius +/-2º). However, the samples were received at the laboratory directly from sampling and no qualifications have been applied.
- The data packages were reviewed to ensure that all sample and associated quality assurance results were available. Results of the completeness review indicated that all collected samples were analyzed and all quality control results were available to complete the data validation process.
- The RPD between sample column results for individual samples were evaluated to assess the precision of the results. The RPD between sample column results were determined to be within the acceptance criteria (≤ 25 %) with the exception of Aroclor 1254 results in one sample. Analytical results for this sample have been qualified as estimated (J).
- Accuracy of the analytical data was assessed by reviewing the recoveries for MS, MSD, LCS, and LCSD. RPD between MS/MSD samples were outside the acceptance criteria (≤ 50 %) for Aroclor 1016 and 1260 in one sample; however, results were not qualified due to only one recovery was outside the criteria for each Aroclor and the sample results were non-detect. LCS/LCSD recoveries met the acceptance criteria (40 to 140%) and RPD (≤ 30%) with the exception of Aroclor 1260 recoveries in two data sets. No qualifications were applied to the data because sample results were non-detect.
- Accuracy of the analytical data was assessed by reviewing the surrogate recoveries. All surrogate recoveries met acceptance criteria (30 to 150%).
- No analytes were detected in the method blanks analyzed during the sampling events.

Based on this review, the data adequately represents the materials tested, and the samples are considered usable for the purposes of characterizing PCB-affected media and verifying remediation efforts in accordance with 40 CFR Part 761.

4. WASTE STORAGE, DISPOSAL, AND EQUIPMENT DECONTAMINATION

Wastes generated during the project were managed for disposal as PCB and asbestos waste (or ACM with low level PCBs). Materials were either directly loaded into trailers (majority of the gymnasium wall materials) or placed into secured, lined, and covered roll-off waste containers for temporary on-site storage in accordance with 40 CFR 761.65. A total of 13 roll-off containers and 6 dump trailers were used to ship the waste materials to the Minerva Landfill in Waynesburg, Ohio. An estimated 250 cubic yards of PCB Bulk Product Waste was generated as part of the gymnasium area demolition and remediation of the ≥ 50 ppm PCB containing materials (i.e., door caulking).

Following use, non-disposable equipment and tools were wiped clean of dirt and debris and decontaminated using a double wipe with d-limonene soaked rags in accordance with 40 CFR 761.79. No free liquids were generated during decontamination. Decontamination materials were managed for off-site disposal with polysheeting, PPE, and other materials. A total of 2.5 tons of these materials were transported in one roll-off container for disposal as < 50 ppm PCB wastes at Waste Management's Turnkey Landfill in Rochester, New Hampshire.

Copies of PCB waste shipment records are provided in Appendix D.

5. SUMMARY AND CONCLUSIONS

The PCB remediation activities described in this Report have been completed in accordance with the Notification and the conditions of EPA's Approval. In addition, the waterproofing felt material included in the CAFO between EPA and the Fairfield School District has been removed in its' entirety as described in the PCB Remediation Plan submitted for this material on May 12, 2015.

In summary, the work completed included the removal and off-site disposal of PCB Bulk Product Waste including the demolition and removal of the 1971 gymnasium walls in their entirety to support the removal and off-site disposal of the waterproofing materials located within the walls and the removal of the six doors identified as containing caulking ≥ 50 ppm.

Remediation was also conducted for building materials identified as containing PCBs > 1 and < 50 ppm to comply with CTDEEP regulatory requirements and guidance documents for the removal and verification of materials containing PCBs > 1 and < 50 ppm.

PCB waste materials were shipped off-site to the Minerva Landfill in Waynesburg, Ohio in 13 roll-off containers and 6 dump trailers including 250 cubic yards of PCB Bulk Product Waste associated with the removal and off-site disposal of the gymnasium area waterproofing and door caulking materials and wastes associated with asbestos abatement activities. In addition, 2.5 tons of materials consisting of decontamination materials, polysheeting, used PPE, etc. were shipped off-site in one roll-off container for disposal as < 50 ppm PCB Remediation Waste.

Based on the removal and off-site disposal of the gymnasium walls and that no residual PCBs are present or encapsulated, the long term monitoring and maintenance and deed notice associated with residual PCBs described in the Notification is not warranted. Pursuant to Approval Condition 27, Appendix E includes a certification signed by a Fairfield School District official verifying that the authorized activities were implemented in accordance with the Approval and Notification.

Table 2-1

Summary of Verification Sampling Results - > 50 ppm PCB Containing Materials
Riverfield Elementary School

Remediation Area		Sample Information			
		Materials	Sample ID	Sample Date	Total PCBs (mg/kg)
Door Caulking	Door # 2	1 interior brick	RES-CBB-025	6/11/2015	0.15
		1 exterior brick	RES-CBB-026	6/11/2015	ND (<0.098)
	Door # 6	1 interior brick - left vertical	RES-CBB-027	6/11/2015	1.2
		2 interior brick - left vertical	RES-CBB-030	6/11/2015	0.14
		1 exterior brick	RES-CBB-020	12/31/2014	0.29
Gymnasium Steel Beams	Vertical Face of Beams	Beam number 2	RES-CW-031	6/29/2015	< 0.20
		Beam number 6	RES-CW-032	6/29/2015	< 0.20
		Beam number 9	RES-CW-033	6/29/2015	< 0.20

Notes:
Left and Right vertical based on left and right sides of individual doors as shown on the plan view of Figure 2-1.
Bulk samples were collected in accordance with EPA Region 1 SOP for Sampling Porous Surfaces for PCBs (May 2011).
Wipe samples collected in accordance with the standard wipe test methodologies of 40 CFR 761.123.
Total PCBs reported as Aroclor 1254. No other Aroclors reported at concentrations above the minimum laboratory reporting limits.

Table 2-2

Summary of Verification Sampling Results - > 1 and < 50 ppm Materials
Riverfield Elementary School

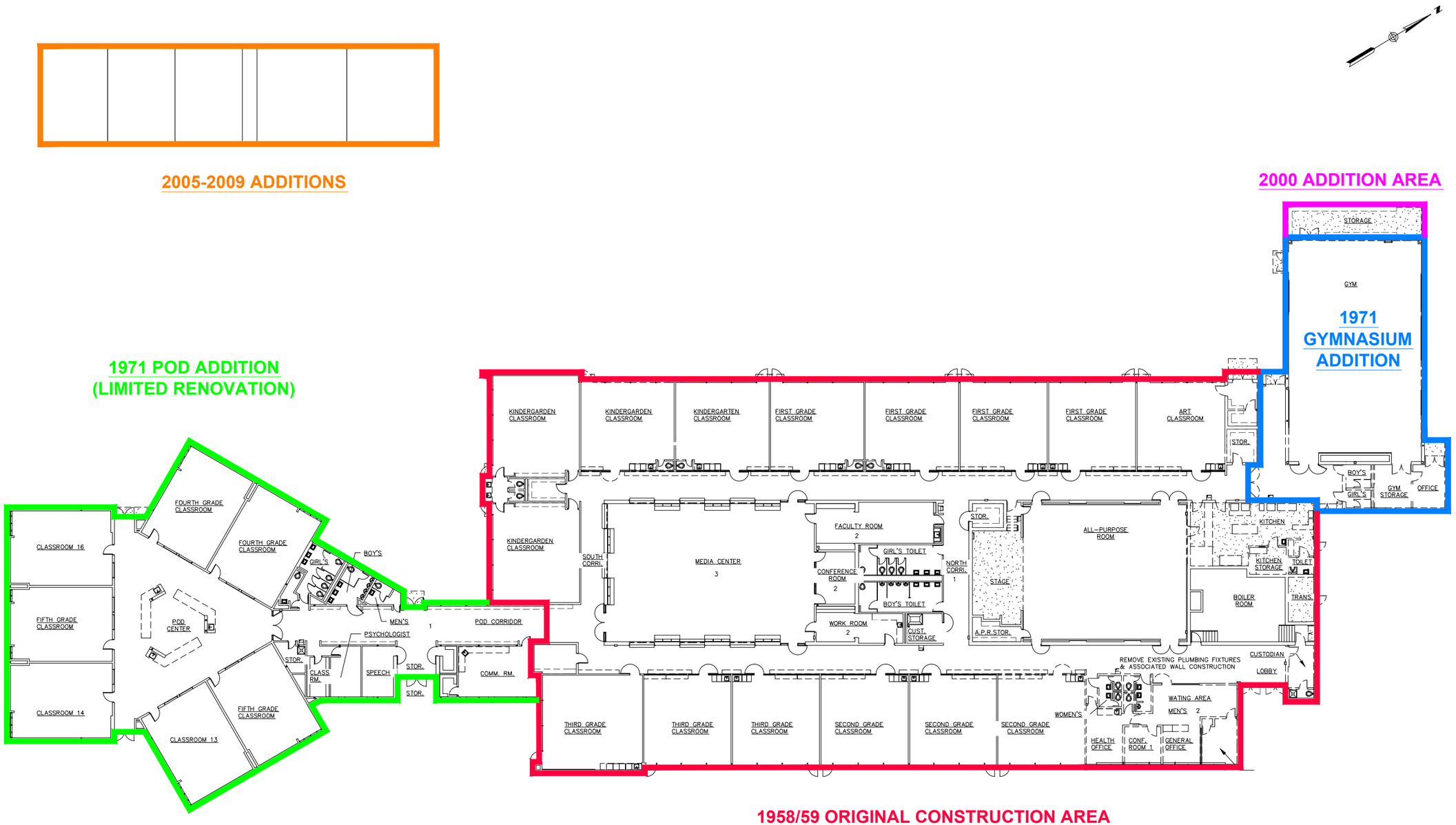
Material Type	Sample Location	Sample Rationale	Sample Frequency	Work Area	Total Number Samples	Sample ID	Sample Date	Total PCBs (mg/kg)
Caulking/Sealants	Former Direct Contact Materials	Samples collected to verify total PCBs ≤ 1 ppm following source material removal	1 per 5 locations (20%)	Doors	6	RES-CBB-024	4/17/2015	<0.096
						RES-CBC-036	6/29/2015	<0.10
						RES-CBB-039	6/30/2015	<0.099
						RES-CBC-040	7/2/2015	< 0.098
						RES-CBB-041	7/2/2015	< 0.10
						RES-CBB-045	7/22/2015	< 0.10
				Windows	6	RES-CBB-023	4/17/2015	<0.097
						RES-CBC-037	6/29/2015	<0.087
						RES-CBC-038	7/2/2015	<0.098
						RES-CBB-042	7/2/2015	< 0.098
						RES-CBC-043	7/7/2015	< 0.10
						RSE-CBB-044	7/7/2015	0.12 J
Flooring Materials	Former Direct Contact Materials	Samples collected to verify total PCBs ≤ 1 ppm following source material removal	Variable	All Purpose Room/Stage	2	RES-CBC-045	7/10/2015	< 0.098
						RES-CBC-046	7/10/2015	< 0.094
				Gymnasium	2	RES-CBC-034	6/29/2015	<0.097
						RES-CBC-035	6/29/2015	<0.097
				Gymnasium Storage Room	1	RES-CBC-022	12/31/2014	< 0.098

Notes:
Verification bulk samples collected in accordance with EPA Region 1 SOP for Sampling Porous Surfaces for PCBs (May 2011).
Total PCBs reported as Aroclor 1254. No other Aroclor reported at concentrations above the minimum laboratory reporting limits.
J = Analytical results qualified as estimated based on data validation. See Appendix C for additional information.

2005-2009 ADDITIONS

2000 ADDITION AREA

1971 POD ADDITION
(LIMITED RENOVATION)



1958/59 ORIGINAL CONSTRUCTION AREA

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COMMITMENT & INTEGRITY DRIVE RESULTS

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WOODARD & CURRAN

REV	DESCRIPTION	DATE

DESIGNED BY: GJF
DRAWN BY: PFF/EVR
CHECKED BY: GJF
227361-FIG. 1-2.DWG

SITE PLAN

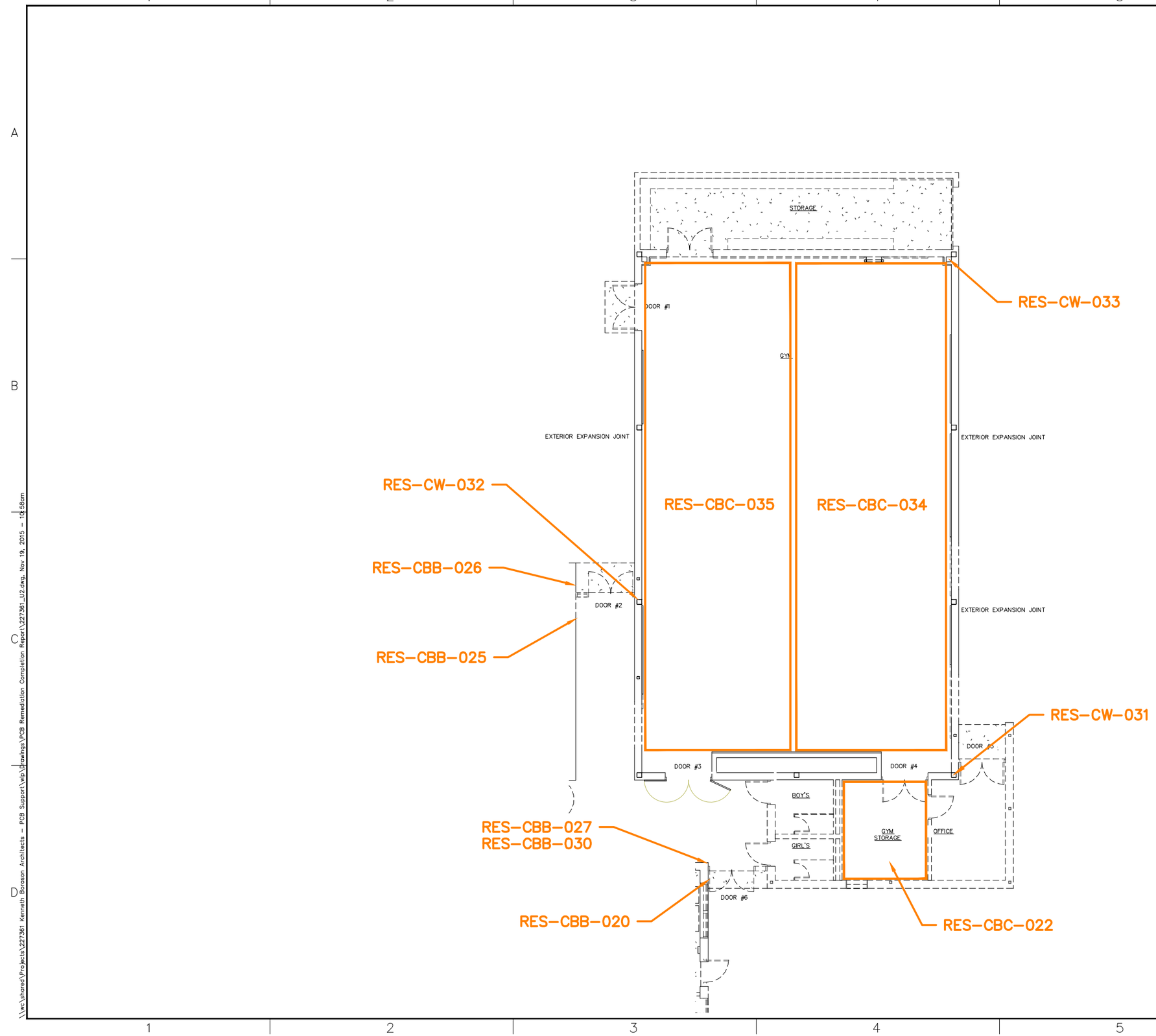
RIVERFIELD ELEMENTARY SCHOOL
RENOVATION
FAIRFIELD, CONNECTICUT

PCB REMEDIATION PLAN

JOB NO.: 227361
DATE: DECEMBER 2013
SCALE: NOT TO SCALE
SHEET: OF

FIGURE 1-2

\\ANDOVER\Projects\227361 Kenneth Borsson Architects - PCB Support\wip\Drawings\PCB Remediation Plan\227361-Fig. 1-2.dwg, Dec 13, 2013 - 11:19am



SOURCE: ORIGINAL DESIGN DRAWINGS BY KENNETH BOROSON ARCHITECTS DATED JANUARY 1, 2014 "FIRST FLOOR DEMOLITION PLAN".

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REV.	DESCRIPTION	DATE

DESIGNED BY: GJF
DRAWN BY: PFT/ELVR
CHECKED BY: GJF
227361_U2.DWG

> 50 ppm PCB
REMEDIATION AREAS
1971 GYMNASIUM AREA

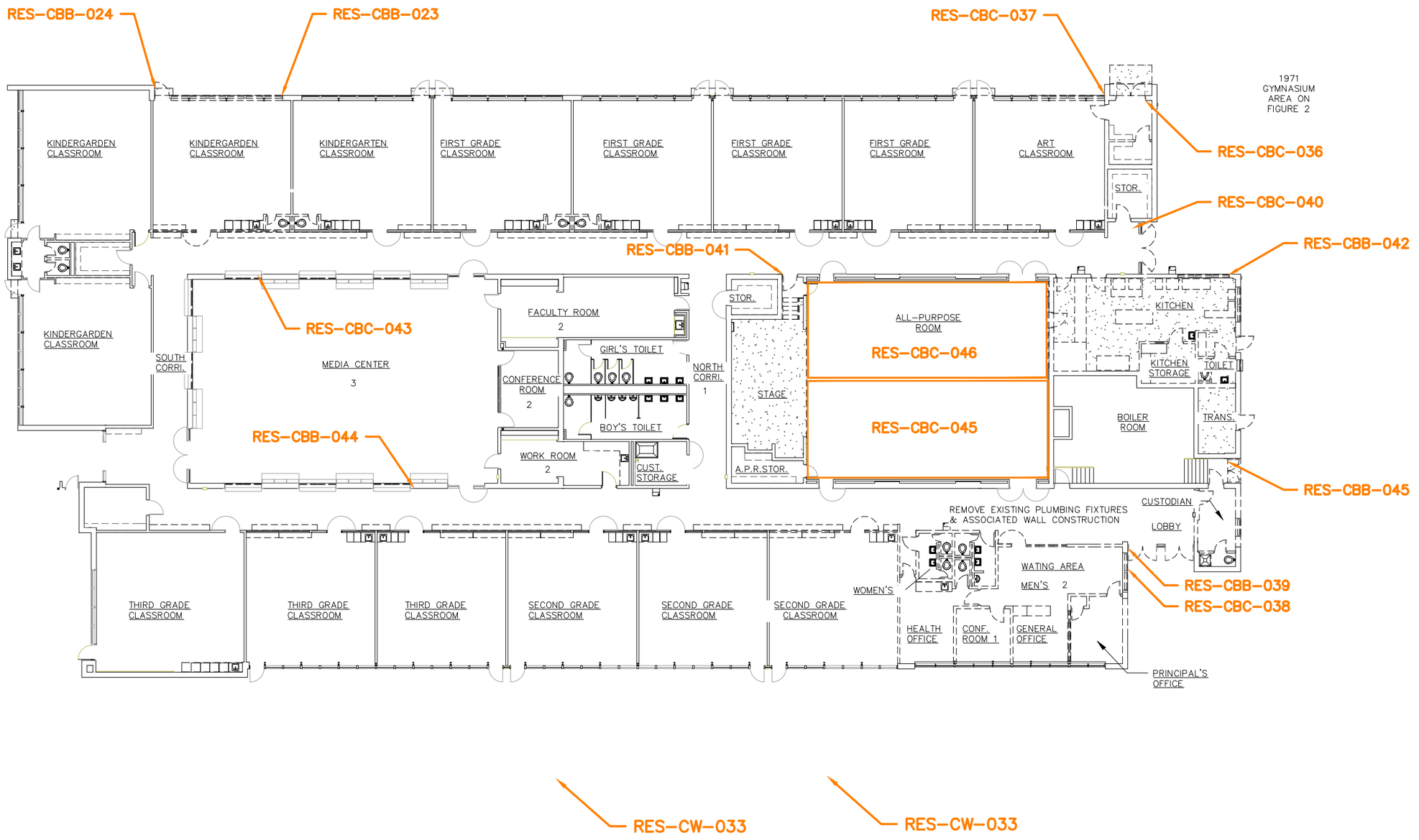
RIVERFIELD ELEMENTARY SCHOOL
RENOVATION
FAIRFIELD, CONNECTICUT

PCB REMEDIATION
COMPLETION REPORT

JOB NO.: 227361
DATE: NOVEMBER 2015
SCALE: NOT TO SCALE
SHEET: OF

Figure 2-1

\\we\shared\Projects\227361 Kenneth Boroson Architects - PCB Support\wip\Drawings\PCB Remediation Completion Report\227361_U2.dwg, Nov 19, 2015 - 10:58am



SOURCE: ORIGINAL DESIGN DRAWINGS BY KENNETH BOROSON ARCHITECTS DATED JANUARY 1, 2014 "FIRST FLOOR DEMOLITION PLAN".

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REV.	DESCRIPTION	DATE
	DESIGNED BY: GJF	CHECKED BY: GJF
	DRAWN BY: PFT/EVR	227361_U3.DWG

LOCATION OF >1 AND < 50 ppm PCB WORK AREAS
1958/59 CONSTRUCTION AREA

RIVERFIELD ELEMENTARY SCHOOL RENOVATION FAIRFIELD, CONNECTICUT

PCB REMEDIATION COMPLETION REPORT

JOB NO.:	227361
DATE:	NOVEMBER 2015
SCALE:	NOT TO SCALE
SHEET:	OF

Figure 2-2

\\wc\shared\Projects\227361 Kenneth Boroson Architects - PCB Support\wip\Drawings\PCB Remediation Completion Report\227361_U3.dwg, Nov 19, 2015 - 11:26am

APPENDIX A: EPA APPROVAL

FILE COPY

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION I
5 POST OFFICE SQUARE, SUITE 100, BOSTON, MASSACHUSETTS 02109-3912

Certified Mail – Return Receipt Requested

JUL 2 2 2014

Salvatore Morabito
Manager of Construction, Security and Safety
Fairfield School District
501 Kings Highway East
Fairfield, Connecticut 06825

Re: PCB Cleanup and Risk-Based Disposal Approval under 40 CFR §§ 761.61(a) and (c)
Riverfield Elementary School
1625 Mill Plain Road, Fairfield, Connecticut

Dear Mr. Morabito:

This is in response to the Notification[1] by the Fairfield School District ("Fairfield") for approval of a plan to address PCB-contamination at the Riverfield Elementary School located at 1625 Mill Plain Road in Fairfield, Connecticut, in accordance with the Toxic Substances Control Act ("TSCA"), 15 USC § 2601 *et seq*. Specifically, PCB-contaminated materials (e.g., caulk, waterproofing felt, and associated building substrates) in the 1971 gymnasium addition exceed allowable PCB levels under the PCB regulations at 40 CFR §§ 761.20(a), 761.61, and 761.62 .

Fairfield has proposed a plan that includes removal of non-liquid products that have PCB concentrations greater than or equal to ("≥") 50 parts per million ("ppm"), and removal and/or encapsulation of PCB-contaminated building substrates with PCB concentrations greater than (">") 1 ppm. Fairfield has also proposed in-place interim management of the ≥ 50 ppm PCB PCB-contaminated waterproofing felt and associated PCB-contaminated building substrates (i.e., exterior/interior walls that have been in contact with the PCB-contaminated waterproofing felt) located between the exterior walls and interior walls, except in locations where a wall will be disturbed or demolished as part of the expansion/renovation activities.

---

[1] Information was submitted by Woodard & Curran on behalf of the Fairfield School District to support a PCB cleanup and risk-based disposal approach under 40 CFR §§ 761.61(a) and (c). Information was submitted dated January 7, 2014 (PCB Remediation Plan); March 4, 2014 (Response to EPA questions on PCB Remediation Plan); March 28, 2014 (emails Revised Figure 5-1, gymnasium door plan summary, verification sampling and gym wall removal); May 8, 2014 (email gymnasium door and expansion joint plan summary); May 9, 2014 (emails clarification on removal/encapsulation distance); and May 12, 2014 (emails public outreach information). These submittals shall be referred to as the "Notification."

Fairfield has proposed that products located within the 1958/59 construction area and certain products located within the 1971 gym addition area (i.e., louver caulk, vinyl cove base mastic, vinyl floor glue, and wood floor sealant and glue) containing PCB concentrations at less than ("<") 50 ppm meet the criteria for *excluded PCB products* under § 761.3. Under the PCB regulations, *excluded PCB products* are unregulated for cleanup or disposal. However, Fairfield is proposing to remove and dispose of these products under Connecticut Department of Energy and Environmental Protection ("CTDEEP") requirements as part of the renovation work.

With the exception of certain verification sampling requirements under 40 CFR § 761.61(a)(6) and the encapsulation of PCB-contaminated *porous surfaces*, and the proposed in-place interim management of areas of ≥ 50 ppm PCB waterproofing felt and associated substrates, the proposed plan is consistent with the requirements for removal/disposal of *PCB bulk product waste* under § 761.62 and for cleanup and disposal of *PCB remediation waste* under § 761.61(a). Based on the data provided to date, and the proposed abatement plan, the alternative sampling plan is reasonable for the purpose of determining if the PCB cleanup standard has been met and if encapsulation is necessary. The proposed encapsulation of PCB-contaminated *porous surfaces* should effectively prevent direct exposure of the PCB-contaminated *porous surfaces* to building users provided the physical barriers are maintained. However, the management and eventual disposal of the areas of waterproofing felt and associated substrates that are not proposed to be removed as part of the current project, and that will remain in place between the exterior and interior walls of the gymnasium for an additional period of time, will be addressed under a separate consent agreement and final order under the authority of TSCA and 40 CFR Part 22.

Based on EPA's review of the information provided, the proposed PCB cleanup and disposal work is acceptable and will not pose an unreasonable risk of injury to health or the environment when conducted in accordance with the Notification and this Approval and the conditions of Attachment 1. EPA applies this unreasonable risk standard in accordance with the PCB regulations at 40 CFR §761.61(c) and with Section 6(e) of TSCA, 15 USC § 2605(e).

Fairfield may proceed with its project in accordance with 40 CFR §§ 761.61(a), 761.61(c), 761.62, the Notification, and this Approval, subject to the conditions of Attachment 1. Please be aware that this Approval requires Fairfield to conduct outreach activities for the school community, including parents, students, and the school employees concerning the PCB remediation work. Documentation of the outreach effort shall be submitted to EPA. (Attachment 1, Approval Condition 9).

This Approval may be revoked, suspended and/or modified as described in Attachment 1 if the EPA determines that implementation of this Approval may present an unreasonable risk of injury to health or the environment. Nothing in this Approval is intended or is to be construed to prejudice any right or remedy concerning PCBs or other federally-regulated contaminants at the Site otherwise available to the EPA under Section 6 of TSCA, 15 USC 2605, 40 CFR Part 761, or other provisions of federal law.

EPA is requiring monitoring of indoor conditions under this Approval and the monitoring plan requirements include a community outreach component (see Attachment 1, Condition 20). EPA is reserving its rights to require additional investigation or mitigation measures at the school should the monitoring results indicate an unreasonable risk of injury to school users.

This Approval does not address the waterproofing felt and associated substrates located between the exterior and interior walls of the gymnasium that will not be removed as part of the current renovation project at the school. As noted above, management of certain areas of waterproofing felt and associated substrates that will remain in place until properly disposed of will be addressed under a separate consent agreement and final order. Areas of waterproofing felt and associated substrates between the gymnasium building walls that will be removed under this Approval will be disposed of in accordance with 40 CFR § 761.62.

Questions and correspondence regarding this Approval should be directed to:

Kimberly N. Tisa, PCB Coordinator (OSRR07-2)
United States Environmental Protection Agency
5 Post Office Square, Suite 100
Boston, Massachusetts 02109-3912
Telephone: (617) 918-1527
Facsimile: (617) 918-0527

EPA shall not consider this project complete until it has received all submittals required under this Approval. Please be aware that upon EPA receipt and review of the submittals, EPA may request any additional information necessary to establish that the work has been conducted and completed in accordance with 40 CFR Part 761, the Notification, and this Approval.

Sincerely,

James T. Owens, III
Director, Office of Site Remediation & Restoration

cc J. Hamel, Woodard & Curran
G. Trombly, CTDEEP
B. Toal, CTDPH
File

Attachment 1: PCB Approval Conditions
Attachment 2: Gymnasium Doors Building Materials PCB Remediation Plan Summary
Attachment 3: Figure 5-1 ≥ 50 ppm PCB Remediation Areas

ATTACHMENT 1

PCB CLEANUP AND RISK-BASED DISPOSAL APPROVAL CONDITIONS
RIVERFIELD ELEMENTARY SCHOOL
1625 MILL PLAIN ROAD
FAIRFIELD, CONNECTICUT

GENERAL CONDITIONS

1. This Approval is granted under the authority of Section 6(e) of TSCA, 15 USC. § 2605(e), and the PCB regulations at 40 CFR Part 761, and applies solely to the *PCB bulk product waste* and the *PCB remediation waste* located at the Riverfield Elementary School as identified in the Notification [2] and located in the 1971 gymnasium addition (hereinafter "the Site").

   a. In the event that the Fairfield School District ("Fairfield") identifies other PCB-contaminated wastes subject to cleanup and disposal under the PCB regulations, Fairfield will be required to notify EPA and clean up the PCB-contaminated wastes in accordance with 40 CFR Part 761.

   b. Fairfield may submit a separate plan to address the PCB contamination or may modify the Notification to incorporate cleanup of the PCBs under this Approval in accordance with Condition 21.

2. Fairfield shall conduct on-site activities in accordance with the conditions of this Approval and with the Notification.

3. In the event that the plan and activities described in the Notification differ from the conditions specified in this Approval, the conditions of this Approval shall govern. The terms and abbreviations used herein shall have the meanings as defined in 40 CFR § 761.3 unless otherwise defined within this Approval.

4. Fairfield shall be responsible for the actions of all officers, employees, agents, contractors, subcontractors, and others who are involved in PCB maintenance, abatement, or remedial activities conducted at the Site. If at any time Fairfield has or receives information indicating that Fairfield or any other person has failed, or may have failed, to comply with any provision of this Approval or the federal PCB regulations under 40 CFR Part 761, it shall report the information to EPA in writing within 24 hours of having or receiving the information.

---

[2] Information was submitted by Woodard & Curran on behalf of the Fairfield School District to support a PCB cleanup and risk-based disposal approach under 40 CFR §§ 761.61(a) and (c). Information was submitted dated January 7, 2014 (PCB Remediation Plan); March 4, 2014 (Response to EPA questions on PCB Remediation Plan); March 28, 2014 (emails Revised Figure 5-1, gymnasium door plan summary, verification sampling and gym wall removal); May 8, 2014 (email gymnasium door and expansion joint plan summary); May 9, 2014 (emails clarification on removal/encapsulation distance); and May 12, 2014 (email public outreach information). These submittals shall be referred to as the "Notification".

5. This Approval does not: 1) waive or compromise EPA's enforcement and regulatory authority; 2) release Fairfield from compliance with any applicable requirements of federal, state or local law; or 3) release Fairfield from liability for, or otherwise resolve any violations of federal, state or local law.

6. Fairfield shall comply with all applicable federal, state and local regulations in the storage, handling, and disposal of all PCB wastes, including PCBs, PCB Items and decontamination wastes that may be generated at the Site during renovation or maintenance activities while this Approval is in force. In the event of a new spill or release of PCBs during maintenance, renovation, abatement, or remedial activities, Fairfield shall contact EPA within 24 hours for direction on PCB cleanup and sampling requirements.

7. Failure to comply with the Approval conditions specified herein shall constitute a violation of the requirement in § 761.50(a) to store or dispose of PCB waste in accordance with 40 CFR Part 761, Subpart D.

NOTIFICATION AND CERTIFICATION CONDITIONS

8. This Approval may be revoked if the EPA does not receive written notification from Fairfield of its acceptance of the conditions of this Approval within 10 business days of receipt.

9. Fairfield shall conduct outreach activities for the school community, to include students, parents, and school employee on the PCB remediation work. Fairfield shall submit information on its outreach activities within 30 days of receipt of this Approval.

10. Prior to initiating onsite PCB work at the school under this Approval, Fairfield shall submit the following information for EPA review and/or approval:

    a. a certification signed by its selected contractor, stating that the contractor(s) has read and understands the Notification, and agrees to abide by the conditions specified in this Approval;

    b. a contractor work plan, prepared and submitted by the selected contractor(s), detailing the procedures that will be employed for removal of PCB-contaminated materials, for containment design, and for air monitoring during cleanup, removal, and handling of PCB-containing materials. This work plan should also include information on waste storage, handling, and disposal for each waste stream type and for equipment decontamination; and,

    c. a certification signed by the selected analytical laboratory, stating that the laboratory has read and understands the extraction and analytical methods and quality assurance requirements specified in the Notification and in this Approval.

CLEANUP AND DISPOSAL CONDITIONS

11. To the maximum extent practical, engineering controls, such as barriers, and removal techniques, such as the use of HEPA ventilated tools or construction of a negative air containment system with a HEPA ventilation system to control emissions, shall be utilized during removal processes. In addition, to the maximum extent possible, disposable equipment and materials, including PPE, will be used to reduce the amount of decontamination necessary.

12. All visible residues of PCB-contaminated caulk (i.e., *PCB bulk product waste*) shall be removed and associated *porous surfaces* shall be removed or encapsulated as described in the Notification and as detailed on Attachments 2 and 3.

    a. All post-decontamination verification sampling of *porous surfaces* shall be performed on a bulk basis (i.e., mg/kg). Samples shall be collected in accordance with the EPA Region 1 *Standard Operating Procedure for Sampling Porous Surfaces for Polychlorinated Biphenyls (PCBs) Revision 4, May 5, 2011*, at a maximum sampling depth interval of 0.5 inches and at the frequency detailed in the Notification and shown on Attachment 2.

    b. Chemical extraction for PCBs shall be conducted using Methods 3500B/3540C of SW-846; and, chemical analysis for PCBs shall be conducted using Method 8082 of SW-846, unless another extraction/analytical method(s) is validated according to Subpart Q.

13. Fairfield shall conduct initial post-abatement indoor air sampling and surface wipe sampling for encapsulated *porous surfaces* for PCBs to determine the effectiveness of the encapsulation.

    a. Initial post-abatement sampling

        i) Indoor air sampling shall be conducted in accordance with EPA Method TO-4A or TO-10A. Sufficient sample volumes shall be collected to provide a minimum laboratory reporting limit of less than ("<") 0.05 $\mu g/m^3$ for total PCBs. PCB analysis shall be conducted for PCB homologues and/or PCB congeners by EPA Method 680, EPA Method 1668 or an equivalent method.

        ii) Surface wipe samples (e.g., encapsulated CMU and brick) shall be collected on a surface area basis by the standard wipe test as specified in 40 CFR § 761.123 (i.e. $\mu g/100\ cm^2$). Chemical extraction for PCBs shall be conducted using Methods 3500B/3540C of SW-846 and chemical analysis for PCBs shall be conducted using Method 8082 of SW-846, unless another method(s) is validated according to Subpart Q.

iii) In the event that the PCB concentration in a wipe sample result or air sample result is greater than (">") 1 µg/100 cm^2 or > 0.10 µg/m^3, respectively, Fairfield shall contact EPA for further discussion and direction on alternatives, which may include development of a site-specific risk exposure assessment or initiation of additional measures and/or removal and disposal of PCBs.

b. Fairfield shall submit a long-term monitoring and maintenance plan ("MMP") for indoor air and encapsulated surfaces to monitor the long-term effectiveness of the encapsulants. (See Condition 20).

14. All PCB waste (regardless of concentration) generated as a result of any activity that disturbs PCB-contaminated materials at the Site, including but not limited to maintenance, renovation, abatement, or remedial activities, shall be marked in accordance with 40 CFR § 761.40; stored in a manner prescribed in 40 CFR § 761.65; and, disposed of in accordance with 40 CFR § 761.61 or § 761.62, unless otherwise specified below:

a. Decontamination wastes and residues shall be disposed of in accordance with 40 CFR § 761.79(g).

b. Moveable equipment, tools, and sampling equipment shall be decontaminated in accordance with either 40 CFR § 761.79(b)(3)(i)(A), § 761.79(b)(3)(ii)(A), or § 761.79(c)(2).

c. PCB-contaminated water generated during decontamination shall be decontaminated in accordance with 40 CFR § 761.79(b)(1) or disposed of under 40 CFR § 761.60.

DEED RESTRICTION AND USE CONDITIONS

15. Within sixty (60) days of completing the activities described in the Notification and authorized under this Approval, Fairfield shall submit for EPA review and approval, a draft deed restriction for the Site. The deed restriction shall include:

a. a description of the extent and levels of contamination at the Site following cleanup and removal of PCB-containing materials;

b. a description of the actions taken at the Site and of the use restrictions for the Site, as applicable, and a figure identifying the locations of encapsulated surfaces;

c. the monitoring requirements for indoor air and encapsulated surfaces, which may be addressed by the MMP (see Condition 20); and,

d. within seven (7) days of receipt of EPA's approval of the draft deed restriction, Fairfield shall record the deed restriction. A copy of this Approval shall be attached to the deed restriction.

SALE, LEASE, OR TRANSFER CONDITIONS

16. The Site owner shall notify the EPA of the sale, lease or grant of any real estate interest in the Site, in writing, no later than sixty (60) days prior to such action. This notification shall include the name, address, and telephone number of the new owner(s). In the event that the Site owner sells, leases, or grants any real estate interest affecting a portion of the Site, the Site Owner shall continue to be bound by all the terms and conditions of this Approval, unless EPA allocates some or all of this Approval's responsibilities to the new owner(s), lessee or grantee. The notification procedures are as follows:

    a. The new owner(s), lessee or grantee must request, in writing, that the EPA transfer some or all obligations and responsibilities under the Approval to the new owner(s), lessee or grantee;

    b. The EPA reviews the request, and determines whether to allocate some or all of the obligations and responsibilities under the Approval to the new owner(s), lessee, or grantee; and,

    c. The new owner(s), lessee or grantee provides written notification to the EPA of its acceptance of and intention to comply with the terms and conditions of the Approval or new approval, should EPA deem a new approval is necessary. The Approval or new approval may be withdrawn if the EPA does not receive written notification from the new owner(s), lessee or grantee of its acceptance of, and intention to comply with, the terms and conditions of the Approval or new approval within thirty (30) days of its receipt of the Approval or the new approval. Under such circumstances, all terms and conditions of this Approval will continue to be binding on the Site owner.

17. In the event that the sale, lease or grant of a real estate interest in the Site will involve or result in a change in the use of the Site, EPA may revoke, suspend, and/or modify this Approval or the new approval if it finds, due to the change in use, that this cleanup and disposal action will not be protective of health or the environment. The new owner or grantee shall record any amendment to the deed restriction, resulting from any approved modification(s), within sixty (60) days of such change(s).

18. In any sale, lease or grant of a real estate interest in the Site, the Site owner shall retain sufficient access rights to enable it to continue to meet its obligations under this Approval, except as provided above.

19. In the event that Fairfield sells, leases, or transfers any portion of the school where the waterproofing felt remains in-place, Fairfield and/or the new owner shall be required to develop a plan to address the waterproofing felt in accordance with 40 CFR § 761.61 and § 761.62.

INSPECTION, MODIFICATION AND REVOCATION CONDITIONS

20. Within sixty (60) days of receipt of this Approval, Fairfield shall submit for EPA review and approval, and thereafter implement, a long-term MMP for indoor air and for encapsulated surfaces that includes the following:

    a. a description of the indoor sampling activities that will be conducted, including sampling protocols, sampling frequency, and analytical criteria and, reporting requirements.

    b. a communications component which details how the monitoring results will be communicated to the school users, other on-site workers, and interested stakeholders.

    c. submission of monitoring results to EPA. Based on its review of the monitoring results, EPA may determine that modification to the MMP is necessary in order to monitor and/or evaluate the long-term effectiveness of the coatings and/or other barriers.

    d. continuation of activities required under the MMP until EPA determines, in writing, that such activities are no longer necessary.

21. Any modification(s) in the plan, specifications, or information submitted by Fairfield, contained in the Notification, and forming the basis upon which this Approval has been issued, must receive prior written approval from the EPA. No action may be taken to implement any such modification unless the EPA has approved of the modification, in writing. The EPA may request additional information in order to determine whether to approve the modification. If such modification involves a change in the use of the school which results in exposures not considered in the Notification, the EPA may revoke, suspend, and/or modify this Approval upon finding that this cleanup and risk-based disposal approval may pose an unreasonable risk of injury to health or the environment due to the change in use. EPA may take similar action if the EPA does not receive requested information needed from Fairfield to make a determination regarding potential risk.

22. Any departure from the conditions of this Approval without prior, written authorization from the EPA may result in the revocation, suspension and/or modification of the Approval, in addition to any other legal or equitable relief or remedy the EPA may choose to pursue.

23. Any misrepresentation or omission of any material fact in the Notification or in any future records or reports may result in the EPA's revocation, suspension and/or modification of the Approval, in addition to any other legal or equitable relief or remedy the EPA may choose to pursue.

24. Approval for these activities may be revoked, modified or otherwise altered: if EPA finds a violation of the conditions of this Approval or of 40 CFR Part 761, including EPA's PCB Spill Cleanup Policy, or other applicable rules and regulations; if EPA finds that these activities pose an unreasonable risk of injury to health or the environment; or if EPA finds that changes are necessary to comply with new rules, standards, or guidance. Fairfield may apply for appropriate modifications in the event new rules, standards, or guidance comes into effect.

25. Fairfield shall allow any authorized representative of the Administrator of the EPA to inspect the Site and to inspect records and take samples as may be necessary to determine compliance with the PCB regulations and this Approval. Any refusal by Fairfield to allow such an inspection (as authorized by Section 11 of TSCA) shall be grounds for revocation of this Approval.

RECORDKEEPING AND REPORTING CONDITIONS

26. Fairfield shall prepare and maintain all records and documents required by 40 CFR Part 761, including but not limited to the records required under Subparts J and K. A written record of the cleanup measures and the analytical sampling shall be established and maintained by Fairfield in one centralized location, until such time as EPA approves in writing a request for an alternative disposition of such records. All records shall be made available for inspection to authorized representatives of EPA.

27. Fairfield shall submit a Final Completion Report ("Report") to the EPA within 120 days of completion of the activities described in the Notification and authorized under this Approval. At a minimum, the Report shall include: a discussion of the project activities; characterization and confirmation sampling analytical results; copies of the accompanying analytical chains of custody; field and laboratory quality control/quality assurance checks; an estimate of the quantity of PCBs removed and disposed off-site; copies of manifests; and, copies of certificates of disposal or similar certifications issued by the disposer, if applicable. The Report shall also include a copy of the recorded deed restriction and a certification signed by a Fairfield official verifying that the authorized activities have been implemented in accordance with this Approval and the Notification.

28. As required under Condition 20 of this Approval, Fairfield shall submit the results of the long-term monitoring and maintenance activities to EPA as specified in the final MMP to be approved by EPA.

29. Required submittals shall be mailed to:

Kimberly N. Tisa, PCB Coordinator (OSRR07-2)
United States Environmental Protection Agency
5 Post Office Square, Suite 100
Boston, Massachusetts 02109-3912
Telephone: (617) 918-1527
Facsimile: (617) 918-0527

30. No record, report or communication required under this Approval shall qualify as a self-audit or voluntary disclosure under EPA audit, self-disclosure or penalty policies.

****

END OF ATTACHMENT 1

APPENDIX B: DUST MONITORING LOGS

Dust Monitoring Data - Riverfield School - Fairfield, CT

Date:		12/31/14	Measuring Equipment:		Data Ram
Weather Conditions:		Clear Sky	Construction Operation:		Set Up Barriers
	Dust Reading Location 1	**Dust Reading Location 2**	**Dust Reading Location 3**	**Dust Reading Location 4**	**Dust Reading Location 5**
Time	**(mg/m^3)**	**(mg/m^3)**	**(mg/m^3)**	**(mg/m^3)**	**(mg/m^3)**
8:10 AM	0.000	0.000	0.000	0.043	0.002
10:00 AM	0.000	0.000	0.000	0.000	0.000
12:00 NOON	0.000	0.000	0.000	0.000	0.000
4:00 PM	0.000	0.000	0.000	0.000	0.000

Dust Monitoring Data - Riverfield School - Fairfield, CT

Date:		1/3/15	Measuring Equipment:		Data Ram
Weather Conditions:		Partly Cloudy	Construction Operation:		Demo Ext Wall
	Dust Reading Location 1	**Dust Reading Location 2**	**Dust Reading Location 3**	**Dust Reading Location 4**	**Dust Reading Location 5**
Time	**(mg/m^3)**	**(mg/m^3)**	**(mg/m^3)**	**(mg/m^3)**	**(mg/m^3)**
7:15 AM	0.000	0.027	0.011	0.015	0.004
8:15 AM	0.000	0.000	0.028	0.003	0.015
9:15 AM	0.000	0.000	0.000	0.000	0.000
10:15 AM	0.000	0.000	0.000	0.000	0.000
11:15 AM	0.000	0.000	0.000	0.000	0.000
12:15 PM	0.000	0.000	0.000	0.000	0.001

Dust Monitoring Data - Riverfield School - Fairfield, CT

Date:		1/2/15	Measuring Equipment:		Data Ram
Weather Conditions:		Clear Sky	Construction Operation:		Demo Ext Wall
	Dust Reading Location 1	**Dust Reading Location 2**	**Dust Reading Location 3**	**Dust Reading Location 4**	**Dust Reading Location 5**
Time	**(mg/m^3)**	**(mg/m^3)**	**(mg/m^3)**	**(mg/m^3)**	**(mg/m^3)**
8:15 AM	0.041	0.038	0.014	0.011	0.009
10:10 AM	0.009	0.014	0.013	0.016	0.003
11:45 AM	0.018	0.019	0.012	0.012	0.010
1:35 PM	0.022	0.018	0.018	0.014	0.008
2:45 PM	0.017	0.012	0.012	0.004	0.004

APPENDIX C: ANALYTICAL LABORATORY REPORTS AND DATA VALIDATION SUMMARIES

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

January 12, 2015

Jeff Hamel
Woodard & Curran - Andover, MA
40 Shattuck Road., Suite 110
Andover, MA 01810

Project Location: Riverfield School
Client Job Number:
Project Number: 227361
Laboratory Work Order Number: 15A0032

Enclosed are results of analyses for samples received by the laboratory on January 5, 2015. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Meghan E. Kelley
Project Manager

Table of Contents

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Woodard & Curran - Andover, MA
40 Shattuck Road., Suite 110
Andover, MA 01810
ATTN: Jeff Hamel

REPORT DATE: 1/12/2015

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 227361

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 15A0032

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Riverfield School

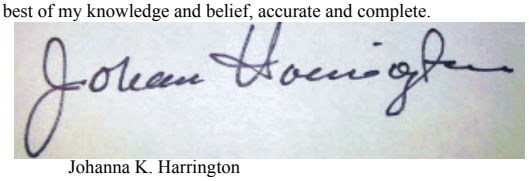
FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
RES-CBC-022	15A0032-01	Product/Solid		SW-846 8082A	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Johanna K. Harrington
Manager, Laboratory Reporting

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Riverfield School | Sample Description: | Work Order: 15A0032

Date Received: 1/5/2015

Field Sample #: RES-CBC-022 | Sampled: 12/31/2014 09:00

Sample ID: 15A0032-01

Sample Matrix: Product/Solid

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	1/5/15	1/6/15 21:01	JMB
Aroclor-1221 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	1/5/15	1/6/15 21:01	JMB
Aroclor-1232 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	1/5/15	1/6/15 21:01	JMB
Aroclor-1242 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	1/5/15	1/6/15 21:01	JMB
Aroclor-1248 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	1/5/15	1/6/15 21:01	JMB
Aroclor-1254 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	1/5/15	1/6/15 21:01	JMB
Aroclor-1260 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	1/5/15	1/6/15 21:01	JMB
Aroclor-1262 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	1/5/15	1/6/15 21:01	JMB
Aroclor-1268 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	1/5/15	1/6/15 21:01	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	82.8	30-150		1/6/15 21:01
Decachlorobiphenyl [2]	93.3	30-150		1/6/15 21:01
Tetrachloro-m-xylene [1]	79.5	30-150		1/6/15 21:01
Tetrachloro-m-xylene [2]	86.1	30-150		1/6/15 21:01

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Sample Extraction Data

Prep Method: SW-846 3540C-SW-846 8082A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
15A0032-01 [RES-CBC-022]	B112940	2.04	10.0	01/05/15

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QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B112940 - SW-846 3540C										
Blank (B112940-BLK1)				Prepared: 01/05/15 Analyzed: 01/06/15						
Aroclor-1016	ND	0.10	mg/Kg							
Aroclor-1016 [2C]	ND	0.10	mg/Kg							
Aroclor-1221	ND	0.10	mg/Kg							
Aroclor-1221 [2C]	ND	0.10	mg/Kg							
Aroclor-1232	ND	0.10	mg/Kg							
Aroclor-1232 [2C]	ND	0.10	mg/Kg							
Aroclor-1242	ND	0.10	mg/Kg							
Aroclor-1242 [2C]	ND	0.10	mg/Kg							
Aroclor-1248	ND	0.10	mg/Kg							
Aroclor-1248 [2C]	ND	0.10	mg/Kg							
Aroclor-1254	ND	0.10	mg/Kg							
Aroclor-1254 [2C]	ND	0.10	mg/Kg							
Aroclor-1260	ND	0.10	mg/Kg							
Aroclor-1260 [2C]	ND	0.10	mg/Kg							
Aroclor-1262	ND	0.10	mg/Kg							
Aroclor-1262 [2C]	ND	0.10	mg/Kg							
Aroclor-1268	ND	0.10	mg/Kg							
Aroclor-1268 [2C]	ND	0.10	mg/Kg							
Surrogate: Decachlorobiphenyl	*0.867*		mg/Kg	1.00		86.7	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.989*		mg/Kg	1.00		98.9	30-150			
Surrogate: Tetrachloro-m-xylene	*0.835*		mg/Kg	1.00		83.5	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.936*		mg/Kg	1.00		93.6	30-150			
LCS (B112940-BS1)				Prepared: 01/05/15 Analyzed: 01/06/15						
Aroclor-1016	0.24	0.10	mg/Kg	0.250		96.7	40-140			
Aroclor-1016 [2C]	0.24	0.10	mg/Kg	0.250		97.4	40-140			
Aroclor-1260	0.27	0.10	mg/Kg	0.250		107	40-140			
Aroclor-1260 [2C]	0.27	0.10	mg/Kg	0.250		108	40-140			
Surrogate: Decachlorobiphenyl	*0.957*		mg/Kg	1.00		95.7	30-150			
Surrogate: Decachlorobiphenyl [2C]	*1.08*		mg/Kg	1.00		108	30-150			
Surrogate: Tetrachloro-m-xylene	*0.866*		mg/Kg	1.00		86.6	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.985*		mg/Kg	1.00		98.5	30-150			
LCS Dup (B112940-BSD1)				Prepared: 01/05/15 Analyzed: 01/06/15						
Aroclor-1016	0.25	0.10	mg/Kg	0.250		98.7	40-140	2.04	30	
Aroclor-1016 [2C]	0.25	0.10	mg/Kg	0.250		99.9	40-140	2.52	30	
Aroclor-1260	0.27	0.10	mg/Kg	0.250		107	40-140	0.123	30	
Aroclor-1260 [2C]	0.27	0.10	mg/Kg	0.250		106	40-140	1.71	30	
Surrogate: Decachlorobiphenyl	*0.923*		mg/Kg	1.00		92.3	30-150			
Surrogate: Decachlorobiphenyl [2C]	*1.04*		mg/Kg	1.00		104	30-150			
Surrogate: Tetrachloro-m-xylene	*0.854*		mg/Kg	1.00		85.4	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.965*		mg/Kg	1.00		96.5	30-150			

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS

Lab Sample ID: B112940-BS1 Date(s) Analyzed: 01/06/2015 01/06/2015

Instrument ID (1): Instrument ID (2):

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1016	1	0.00	0.00	0.00	0.24	
	2	0.00	0.00	0.00	0.24	1
Aroclor-1260	1	0.00	0.00	0.00	0.27	
	2	0.00	0.00	0.00	0.27	1

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS Dup

Lab Sample ID: B112940-BSD1 Date(s) Analyzed: 01/06/2015 01/06/2015

Instrument ID (1): Instrument ID (2):

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1016	1	0.00	0.00	0.00	0.25	
	2	0.00	0.00	0.00	0.25	1
Aroclor-1260	1	0.00	0.00	0.00	0.27	
	2	0.00	0.00	0.00	0.27	1

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level

Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.

No results have been blank subtracted unless specified in the case narrative section.

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8082A in Product/Solid	
Aroclor-1016	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1016 [2C]	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1221	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1221 [2C]	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1232	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1232 [2C]	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1242	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1242 [2C]	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1248	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1248 [2C]	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1254	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1254 [2C]	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1260	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1260 [2C]	CT,NH,NY,ME,NC,VA,NJ

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC	100033	02/1/2016
MA	Massachusetts DEP	M-MA100	06/30/2015
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2015
NY	New York State Department of Health	10899 NELAP	04/1/2015
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2015
RI	Rhode Island Department of Health	LAO00112	12/30/2015
NC	North Carolina Div. of Water Quality	652	12/31/2015
NJ	New Jersey DEP	MA007 NELAP	06/30/2015
FL	Florida Department of Health	E871027 NELAP	06/30/2015
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2015
WA	State of Washington Department of Ecology	C2065	02/23/2015
ME	State of Maine	2011028	06/9/2015
VA	Commonwealth of Virginia	460217	12/14/2015
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2015

CHAIN OF CUSTODY RECORD

15A0032

con-test® ANALYTICAL LABORATORY
Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com
www.contestlabs.com
39 Spruce Street
East longmeadow, MA 01028

Company Name: Woodard & Curran
Address: 40 Shattock Road, Suite 110
Andover, MA
Attention: J. Hamel, G. Franklin, G. Reynolds
Project Location: Riverfield School
Sampled By: G. Reynolds

Telephone: 1-800-675-2756
Project # 227361
Client PO#

DATA DELIVERY (check all that apply)
○ FAX ◉ EMAIL ○ WEBSITE
Fax #
Email: jhamel@woodardcurran.com, etc
Format: ◉ PDF ◉ EXCEL ○ GIS
○ OTHER
○ "Enhanced Data Package"

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection: Beginning Date/Time	Collection: Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	PCBs 8082/3540C Soxhlet ext	HOLD	3	1	G	# of Containers / ** Preservation / ***Container Code
01	RES-CBC-022	12/31/14	900		X	S	U	✓					

ANALYSIS REQUESTED

Dissolved Metals
○ Field Filtered
○ Lab to Filter

***Cont. Code:**
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

**Preservation
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other Hexane

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other

Comments:
L <= 1 ppm PCBs via USEPA 8082 w/ Soxhlet Extraction (3540c).

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)		Date/Time:
Received by: (signature)	1/5/15	Date/Time: 1042
Relinquished by: (signature)	1/5/15	Date/Time: 120
Received by: (signature)	1/5/15 5.9	Date/Time: 13:20

Turnaround ††
◉ 7-Day
☐ 10-Day
☐ Other ____
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts:
Connecticut: RL <= 1 ppm
Other:

Is your project MCP or RCP ?
○ MCP Form Required
◉ RCP Form Required
○ MA State DW Form Required PWSID # _____

AIHA LAP, LLC ACCREDITED LABORATORY
ACCREDITED IN ACCORDANCE WITH nelac
NELAC & AIHA-LAP, LLC Accredited
WBE/DBE Certified

TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

Table of Contents

39 Spruce St.
East Longmeadow, MA. 01028
P: 413-525-2332
F: 413-525-6405
www.contestlabs.com

con-test® ANALYTICAL LABORATORY

Sample Receipt Checklist

CLIENT NAME: Woodard + Curran RECEIVED BY: MT DATE: 1/5/15

1) Was the chain(s) of custody relinquished and signed? (Yes) No No CoC Included
2) Does the chain agree with the samples? (Yes) No
If not, explain:
3) Are all the samples in good condition? (Yes) No
If not, explain:
4) How were the samples received:
On Ice ☒ Direct from Sampling ☐ Ambient ☐ In Cooler(s) ☒
Were the samples received in Temperature Compliance of (2-6°C)? (Yes) No N/A
Temperature °C by Temp blank _____ Temperature °C by Temp gun 5.9°C
5) Are there Dissolved samples for the lab to filter? Yes (No)
Who was notified _____ Date _____ Time _____
6) Are there any RUSH or SHORT HOLDING TIME samples? Yes (No)
Who was notified _____ Date _____ Time _____
7) Location where samples are stored: 19

Permission to subcontract samples? Yes No
(Walk-in clients only) if not already approved
Client Signature: _____

8) Do all samples have the proper Acid pH: Yes No (N/A) _____
9) Do all samples have the proper Base pH: Yes No (N/A) _____
10) Was the PC notified of any discrepancies with the CoC vs the samples: Yes No (N/A)

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz amber/clear jar	1
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)		2 oz amber/clear jar	
1 Liter Plastic		Plastic Bag / Ziploc	
500 mL Plastic		SOC Kit	
250 mL plastic		Non-ConTest Container	
40 mL Vial - type listed below		Perchlorate Kit	
Colisure / bacteria bottle		Flashpoint bottle	
Dissolved Oxygen bottle		Other glass jar	
Encore		Other	

Laboratory Comments:

40 mL vials: # HCl _____ # Methanol _____
Bisulfate _____ # DI Water _____
Thiosulfate _____ Unpreserved _____

Time and Date Frozen:

Login Sample Receipt Checklist

(Rejection Criteria Listing - Using Sample Acceptance Policy)
Any False statement will be brought to the attention of Client

Question	Answer (True/False) T/F/NA	Comment
1) The cooler's custody seal, if present, is intact.	T	
2) The cooler or samples do not appear to have been compromised or tampered with.	T	
3) Samples were received on ice.	T	
4) Cooler Temperature is acceptable.	T	
5) Cooler Temperature is recorded.	T	
6) COC is filled out in ink and legible.	T	
7) COC is filled out with all pertinent information.	T	
8) Field Sampler's name present on COC.	T	
9) There are no discrepancies between the sample IDs on the container and the COC.	T	
10) Samples are received within Holding Time.	T	
11) Sample containers have legible labels.	T	
12) Containers are not broken or leaking.	T	
13) Air Cassettes are not broken/open.	NA	
14) Sample collection date/times are provided.	T	
15) Appropriate sample containers are used.	T	
16) Proper collection media used.	T	
17) No headspace sample bottles are completely filled.	NA	
18) There is sufficient volume for all requsted analyses, including any requested MS/MSDs.	T	
19) Trip blanks provided if applicable.	T	
20) VOA sample vials do not have head space or bubble is <6mm (1/4") in diameter.	NA	
21) Samples do not require splitting or compositing.	T	

Who notified of False statements? Date/Time:

Doc #277 Rev. 4 August 2013 Log-In Technician Initials: Date/Time:

MJ 1/5/15 (MJ)
13:22

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Con-Test Analytical Laboratory

Client: Woodard & Curran - Andover, MA

Project Location: Riverfield School

Project Number: 15A0032

Laboratory Sample ID(s):

15A0032-01

Sample Date(s):

12/31/2014

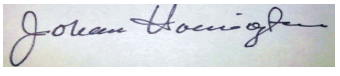
List RCP Methods Used:

SW-846 8082A

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CTDEP method-specific Reasonable Confidence Protocol documents?	☑ Yes ☐ No
1A	Were the method specified preservation and holding time requirements met?	☑ Yes ☐ No
1B	VPH and EPH Methods only: Was the VPH and EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)?	☐ Yes ☐ No ☑ N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (< 6 degrees C.)?	☑ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?	☑ Yes ☐ No
5A	Were reporting limits specified or referenced on the chain-of-custody?	☑ Yes ☐ No
5B	Were these reporting limits met?	☑ Yes ☐ No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☑ Yes ☐ No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	☐ Yes ☑ No

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence."
This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature:  **Position:** **Manager, Laboratory Reporting**

Printed Name: **Johanna K. Harrington** **Date:** **01/12/15**

This certification form is to be used for RCP methods only.

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

January 12, 2015

Jeff Hamel
Woodard & Curran - Andover, MA
40 Shattuck Road., Suite 110
Andover, MA 01810

Project Location: Riverfield School
Client Job Number:
Project Number: 227361
Laboratory Work Order Number: 15A0034

Enclosed are results of analyses for samples received by the laboratory on January 5, 2015. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Meghan E. Kelley
Project Manager

Table of Contents

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Woodard & Curran - Andover, MA
40 Shattuck Road., Suite 110
Andover, MA 01810
ATTN: Jeff Hamel

REPORT DATE: 1/12/2015

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 227361

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 15A0034

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Riverfield School

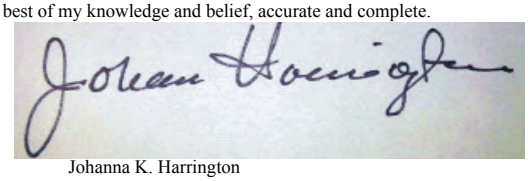
FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
RES-CBB-020	15A0034-01	Product/Solid		SW-846 8082A	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Johanna K. Harrington
Manager, Laboratory Reporting

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Riverfield School | Sample Description: | Work Order: 15A0034

Date Received: 1/5/2015

Field Sample #: RES-CBB-020 | Sampled: 12/31/2014 08:45

Sample ID: 15A0034-01

Sample Matrix: Product/Solid

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	1/5/15	1/6/15 21:14	JMB
Aroclor-1221 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	1/5/15	1/6/15 21:14	JMB
Aroclor-1232 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	1/5/15	1/6/15 21:14	JMB
Aroclor-1242 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	1/5/15	1/6/15 21:14	JMB
Aroclor-1248 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	1/5/15	1/6/15 21:14	JMB
Aroclor-1254 [2]	0.29	0.098	mg/Kg	1		SW-846 8082A	1/5/15	1/6/15 21:14	JMB
Aroclor-1260 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	1/5/15	1/6/15 21:14	JMB
Aroclor-1262 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	1/5/15	1/6/15 21:14	JMB
Aroclor-1268 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	1/5/15	1/6/15 21:14	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	91.7	30-150		1/6/15 21:14
Decachlorobiphenyl [2]	105	30-150		1/6/15 21:14
Tetrachloro-m-xylene [1]	84.8	30-150		1/6/15 21:14
Tetrachloro-m-xylene [2]	95.4	30-150		1/6/15 21:14

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Sample Extraction Data

Prep Method: SW-846 3540C-SW-846 8082A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
15A0034-01 [RES-CBB-020]	B112940	2.05	10.0	01/05/15

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QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B112940 - SW-846 3540C										
Blank (B112940-BLK1)				Prepared: 01/05/15 Analyzed: 01/06/15						
Aroclor-1016	ND	0.10	mg/Kg							
Aroclor-1016 [2C]	ND	0.10	mg/Kg							
Aroclor-1221	ND	0.10	mg/Kg							
Aroclor-1221 [2C]	ND	0.10	mg/Kg							
Aroclor-1232	ND	0.10	mg/Kg							
Aroclor-1232 [2C]	ND	0.10	mg/Kg							
Aroclor-1242	ND	0.10	mg/Kg							
Aroclor-1242 [2C]	ND	0.10	mg/Kg							
Aroclor-1248	ND	0.10	mg/Kg							
Aroclor-1248 [2C]	ND	0.10	mg/Kg							
Aroclor-1254	ND	0.10	mg/Kg							
Aroclor-1254 [2C]	ND	0.10	mg/Kg							
Aroclor-1260	ND	0.10	mg/Kg							
Aroclor-1260 [2C]	ND	0.10	mg/Kg							
Aroclor-1262	ND	0.10	mg/Kg							
Aroclor-1262 [2C]	ND	0.10	mg/Kg							
Aroclor-1268	ND	0.10	mg/Kg							
Aroclor-1268 [2C]	ND	0.10	mg/Kg							
Surrogate: Decachlorobiphenyl	*0.867*		mg/Kg	1.00		86.7	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.989*		mg/Kg	1.00		98.9	30-150			
Surrogate: Tetrachloro-m-xylene	*0.835*		mg/Kg	1.00		83.5	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.936*		mg/Kg	1.00		93.6	30-150			
LCS (B112940-BS1)				Prepared: 01/05/15 Analyzed: 01/06/15						
Aroclor-1016	0.24	0.10	mg/Kg	0.250		96.7	40-140			
Aroclor-1016 [2C]	0.24	0.10	mg/Kg	0.250		97.4	40-140			
Aroclor-1260	0.27	0.10	mg/Kg	0.250		107	40-140			
Aroclor-1260 [2C]	0.27	0.10	mg/Kg	0.250		108	40-140			
Surrogate: Decachlorobiphenyl	*0.957*		mg/Kg	1.00		95.7	30-150			
Surrogate: Decachlorobiphenyl [2C]	*1.08*		mg/Kg	1.00		108	30-150			
Surrogate: Tetrachloro-m-xylene	*0.866*		mg/Kg	1.00		86.6	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.985*		mg/Kg	1.00		98.5	30-150			
LCS Dup (B112940-BSD1)				Prepared: 01/05/15 Analyzed: 01/06/15						
Aroclor-1016	0.25	0.10	mg/Kg	0.250		98.7	40-140	2.04	30	
Aroclor-1016 [2C]	0.25	0.10	mg/Kg	0.250		99.9	40-140	2.52	30	
Aroclor-1260	0.27	0.10	mg/Kg	0.250		107	40-140	0.123	30	
Aroclor-1260 [2C]	0.27	0.10	mg/Kg	0.250		106	40-140	1.71	30	
Surrogate: Decachlorobiphenyl	*0.923*		mg/Kg	1.00		92.3	30-150			
Surrogate: Decachlorobiphenyl [2C]	*1.04*		mg/Kg	1.00		104	30-150			
Surrogate: Tetrachloro-m-xylene	*0.854*		mg/Kg	1.00		85.4	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.965*		mg/Kg	1.00		96.5	30-150			

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

RES-CBB-020

Lab Sample ID: 15A0034-01 Date(s) Analyzed: 01/06/2015 01/06/2015

Instrument ID (1): Instrument ID (2):

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1254	1	0.00	0.00	0.00	0.29	
	2	0.00	0.00	0.00	0.29	0.3

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS

Lab Sample ID: B112940-BS1 Date(s) Analyzed: 01/06/2015 01/06/2015

Instrument ID (1): Instrument ID (2):

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1016	1	0.00	0.00	0.00	0.24	
	2	0.00	0.00	0.00	0.24	1
Aroclor-1260	1	0.00	0.00	0.00	0.27	
	2	0.00	0.00	0.00	0.27	1

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS Dup

Lab Sample ID: B112940-BSD1 Date(s) Analyzed: 01/06/2015 01/06/2015

Instrument ID (1): Instrument ID (2):

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1016	1	0.00	0.00	0.00	0.25	
	2	0.00	0.00	0.00	0.25	1
Aroclor-1260	1	0.00	0.00	0.00	0.27	
	2	0.00	0.00	0.00	0.27	1

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level

Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.

No results have been blank subtracted unless specified in the case narrative section.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8082A in Product/Solid	
Aroclor-1016	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1016 [2C]	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1221	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1221 [2C]	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1232	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1232 [2C]	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1242	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1242 [2C]	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1248	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1248 [2C]	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1254	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1254 [2C]	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1260	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1260 [2C]	CT,NH,NY,ME,NC,VA,NJ

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC	100033	02/1/2016
MA	Massachusetts DEP	M-MA100	06/30/2015
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2015
NY	New York State Department of Health	10899 NELAP	04/1/2015
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2015
RI	Rhode Island Department of Health	LAO00112	12/30/2015
NC	North Carolina Div. of Water Quality	652	12/31/2015
NJ	New Jersey DEP	MA007 NELAP	06/30/2015
FL	Florida Department of Health	E871027 NELAP	06/30/2015
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2015
WA	State of Washington Department of Ecology	C2065	02/23/2015
ME	State of Maine	2011028	06/9/2015
VA	Commonwealth of Virginia	460217	12/14/2015
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2015

CHAIN OF CUSTODY RECORD

15A0034

con-test® ANALYTICAL LABORATORY
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Fax: 413-525-6405
Email: info@contestlabs.com
www.contestlabs.com
39 Spruce Street
East longmeadow, MA 01028

Page_____of_____

Company Name: Woodard & Curran
Address: 40 Shattock Road, Suite 110
Andover, MA
Attention: J. Hamel, G. Franklin, G. Reynolds
Project Location: Riverfield School
Sampled By: G. Reynolds

Telephone: 1-800-675-2756
Project # 227361
Client PO#

DATA DELIVERY (check all that apply)
○ FAX ◉ EMAIL ○ WEBSITE
Fax #
Email: jhamel@woodardcurran.com, etc
Format: ◉ PDF ◉ EXCEL ○ GIS
○ OTHER_____
○ "Enhanced Data Package"

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	# of Containers (3)	** Preservation (I)	***Container Code (G)	PCBs 8082/3540C Soxhlet ext	HOLD
01	RES-CBB-020	12/31/14	845		x	S	U				✓	

ANALYSIS REQUESTED

Dissolved Metals
○ Field Filtered
○ Lab to Filter

***Cont. Code:
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

**Preservation
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other Hexane

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other_____

Page 13 of 16 15A0034_1 Contest_Final 01 12 15 1035

mments:
L <= 1 ppm PCBs via USEPA 8082 w/ Soxhlet Extraction (3540c).

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

linquished by: (signature)		Date/Time:
ceived by: (signature)	1/5/15	Date/Time: 16:L
linquished by: (signature)	1/5/15	Date/Time: 120
ceived by: (signature)	11/5/15 5.9	Date/Time: 13:20

Turnaround ††
◉ 7-Day
❐ 10-Day
❐ Other ____
RUSH †
❐ †24-Hr ❐ †48-Hr
❐ †72-Hr ❐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts:
Connecticut: RL <= 1 ppm
Other:

Is your project MCP or RCP ?
○ MCP Form Required
◉ RCP Form Required
○ MA State DW Form Required PWSID # _____

NELAC & AIHA-LAP, LLC Accredited
WBE/DBE Certified

TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

Table of Contents

39 Spruce St.
East Longmeadow, MA. 01028
P: 413-525-2332
F: 413-525-6405
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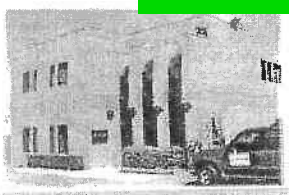
con-test® ANALYTICAL LABORATORY



Sample Receipt Checklist

CLIENT NAME: Woodard + Curran RECEIVED BY: MJ DATE: 11/5/15

1) **Was the chain(s) of custody relinquished and signed?** (Yes) No No CoC Included

2) **Does the chain agree with the samples?** (Yes) No

If not, explain:

3) **Are all the samples in good condition?** (Yes) No

If not, explain:

4) **How were the samples received:**

On Ice ☒ Direct from Sampling ☐ Ambient ☐ In Cooler(s) ☒

Were the samples received in Temperature Compliance of (2-6°C)? (Yes) No N/A

Temperature °C by Temp blank _____ Temperature °C by Temp gun 5.9°C

5) **Are there Dissolved samples for the lab to filter?** Yes (No)

Who was notified _____ Date _____ Time _____

6) **Are there any RUSH or SHORT HOLDING TIME samples?** Yes (No)

Who was notified _____ Date _____ Time _____

7) **Location where samples are stored:** 19

Permission to subcontract samples? Yes No
(Walk-in clients only) if not already approved
Client Signature: _____

8) **Do all samples have the proper Acid pH:** Yes No (N/A) _____

9) **Do all samples have the proper Base pH:** Yes No (N/A) _____

10) **Was the PC notified of any discrepancies with the CoC vs the samples:** Yes No (N/A)

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz amber/clear jar	
500 mL Amber		4 oz amber/clear jar	1
250 mL Amber (8oz amber)		2 oz amber/clear jar	
1 Liter Plastic		Plastic Bag / Ziploc	
500 mL Plastic		SOC Kit	
250 mL plastic		Non-ConTest Container	
40 mL Vial - type listed below		Perchlorate Kit	
Colisure / bacteria bottle		Flashpoint bottle	
Dissolved Oxygen bottle		Other glass jar	
Encore		Other	

Laboratory Comments:

40 mL vials: # HCl _____ # Methanol _____
Bisulfate _____ # DI Water _____
Thiosulfate _____ Unpreserved

Time and Date Frozen:

Login Sample Receipt Checklist

(Rejection Criteria Listing - Using Sample Acceptance Policy)
Any False statement will be brought to the attention of Client

Question	Answer (True/False) T/F/NA	Comment
1) The cooler's custody seal, if present, is intact.	T	
2) The cooler or samples do not appear to have been compromised or tampered with.	T	
3) Samples were received on ice.	T	
4) Cooler Temperature is acceptable.	T	
5) Cooler Temperature is recorded.	T	
6) COC is filled out in ink and legible.	T	
7) COC is filled out with all pertinent information.	T	
8) Field Sampler's name present on COC.	T	
9) There are no discrepancies between the sample IDs on the container and the COC.	T	
10) Samples are received within Holding Time.	T	
11) Sample containers have legible labels.	T	
12) Containers are not broken or leaking.	T	
13) Air Cassettes are not broken/open.	NA	
14) Sample collection date/times are provided.	T	
15) Appropriate sample containers are used.	T	
16) Proper collection media used.	T	
17) No headspace sample bottles are completely filled.	NA	
18) There is sufficient volume for all requsted analyses, including any requested MS/MSDs.	T	
19) Trip blanks provided if applicable.	T	
20) VOA sample vials do not have head space or bubble is <6mm (1/4") in diameter.	NA	
21) Samples do not require splitting or compositing.	T	

Who notified of False statements? Date/Time:

Doc #277 Rev. 4 August 2013 Log-In Technician Initials: Date/Time:

MJ 1/5/15 MJ

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Con-Test Analytical Laboratory

Client: Woodard & Curran - Andover, MA

Project Location: Riverfield School

Project Number: 15A0034

Laboratory Sample ID(s):

15A0034-01

Sample Date(s):

12/31/2014

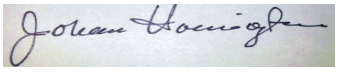
List RCP Methods Used:

SW-846 8082A

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CTDEP method-specific Reasonable Confidence Protocol documents?	☑ Yes ☐ No
1A	Were the method specified preservation and holding time requirements met?	☑ Yes ☐ No
1B	VPH and EPH Methods only: Was the VPH and EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)?	☐ Yes ☐ No ☑ N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (< 6 degrees C.)?	☑ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?	☑ Yes ☐ No
5A	Were reporting limits specified or referenced on the chain-of-custody?	☑ Yes ☐ No
5B	Were these reporting limits met?	☑ Yes ☐ No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☑ Yes ☐ No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	☐ Yes ☑ No

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence."
This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature:  **Position:** **Manager, Laboratory Reporting**

Printed Name: **Johanna K. Harrington** **Date:** **01/12/15**

This certification form is to be used for RCP methods only.

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April 24, 2015

George Franklin
Woodard & Curran - CT
1520 Highland Avenue
Cheshire, CT 06410

Project Location: Kenneth Boroson Architects - Riverfield School
Client Job Number:
Project Number: 226361
Laboratory Work Order Number: 15D0869

Enclosed are results of analyses for samples received by the laboratory on April 17, 2015. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Lisa A. Worthington
Project Manager

Table of Contents

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Woodard & Curran - CT
1520 Highland Avenue
Cheshire, CT 06410
ATTN: George Franklin

REPORT DATE: 4/24/2015

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 226361

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 15D0869

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Kenneth Boroson Architects - Riverfield School

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
RES-VBB-023	15D0869-01	Product/Solid		SW-846 8082A	
RES-VBB-024	15D0869-02	Product/Solid		SW-846 8082A	

con-test® ANALYTICAL LABORATORY
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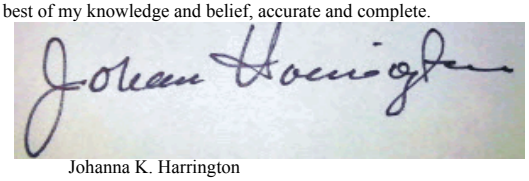
CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Johanna K. Harrington
Manager, Laboratory Reporting

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Kenneth Boroson Architects - Riv Sample Description: Work Order: 15D0869

Date Received: 4/17/2015

Field Sample #: RES-VBB-023 Sampled: 4/17/2015 13:15

Sample ID: 15D0869-01

Sample Matrix: Product/Solid

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	4/20/15	4/23/15 2:23	KAL
Aroclor-1221 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	4/20/15	4/23/15 2:23	KAL
Aroclor-1232 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	4/20/15	4/23/15 2:23	KAL
Aroclor-1242 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	4/20/15	4/23/15 2:23	KAL
Aroclor-1248 [2]	ND	0.097	mg/Kg	1		SW-846 8082A	4/20/15	4/23/15 2:23	KAL
Aroclor-1254 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	4/20/15	4/23/15 2:23	KAL
Aroclor-1260 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	4/20/15	4/23/15 2:23	KAL
Aroclor-1262 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	4/20/15	4/23/15 2:23	KAL
Aroclor-1268 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	4/20/15	4/23/15 2:23	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	114	30-150		4/23/15 2:23
Decachlorobiphenyl [2]	110	30-150		4/23/15 2:23
Tetrachloro-m-xylene [1]	103	30-150		4/23/15 2:23
Tetrachloro-m-xylene [2]	103	30-150		4/23/15 2:23

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Kenneth Boroson Architects - Riv Sample Description: Work Order: 15D0869

Date Received: 4/17/2015

Field Sample #: RES-VBB-024 Sampled: 4/17/2015 13:20

Sample ID: 15D0869-02

Sample Matrix: Product/Solid

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	4/20/15	4/23/15 2:35	KAL
Aroclor-1221 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	4/20/15	4/23/15 2:35	KAL
Aroclor-1232 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	4/20/15	4/23/15 2:35	KAL
Aroclor-1242 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	4/20/15	4/23/15 2:35	KAL
Aroclor-1248 [2]	ND	0.096	mg/Kg	1		SW-846 8082A	4/20/15	4/23/15 2:35	KAL
Aroclor-1254 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	4/20/15	4/23/15 2:35	KAL
Aroclor-1260 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	4/20/15	4/23/15 2:35	KAL
Aroclor-1262 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	4/20/15	4/23/15 2:35	KAL
Aroclor-1268 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	4/20/15	4/23/15 2:35	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	82.0	30-150		4/23/15 2:35
Decachlorobiphenyl [2]	86.6	30-150		4/23/15 2:35
Tetrachloro-m-xylene [1]	95.6	30-150		4/23/15 2:35
Tetrachloro-m-xylene [2]	97.0	30-150		4/23/15 2:35

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Sample Extraction Data

Prep Method: SW-846 3540C-SW-846 8082A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
15D0869-01 [RES-VBB-023]	B119740	2.07	10.0	04/20/15
15D0869-02 [RES-VBB-024]	B119740	2.09	10.0	04/20/15

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QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B119740 - SW-846 3540C										
Blank (B119740-BLK1)				Prepared: 04/20/15 Analyzed: 04/23/15						
Aroclor-1016	ND	0.10	mg/Kg							
Aroclor-1016 [2C]	ND	0.10	mg/Kg							
Aroclor-1221	ND	0.10	mg/Kg							
Aroclor-1221 [2C]	ND	0.10	mg/Kg							
Aroclor-1232	ND	0.10	mg/Kg							
Aroclor-1232 [2C]	ND	0.10	mg/Kg							
Aroclor-1242	ND	0.10	mg/Kg							
Aroclor-1242 [2C]	ND	0.10	mg/Kg							
Aroclor-1248	ND	0.10	mg/Kg							
Aroclor-1248 [2C]	ND	0.10	mg/Kg							
Aroclor-1254	ND	0.10	mg/Kg							
Aroclor-1254 [2C]	ND	0.10	mg/Kg							
Aroclor-1260	ND	0.10	mg/Kg							
Aroclor-1260 [2C]	ND	0.10	mg/Kg							
Aroclor-1262	ND	0.10	mg/Kg							
Aroclor-1262 [2C]	ND	0.10	mg/Kg							
Aroclor-1268	ND	0.10	mg/Kg							
Aroclor-1268 [2C]	ND	0.10	mg/Kg							
Surrogate: Decachlorobiphenyl	*1.11*		mg/Kg	1.00		111	30-150			
Surrogate: Decachlorobiphenyl [2C]	*1.05*		mg/Kg	1.00		105	30-150			
Surrogate: Tetrachloro-m-xylene	*0.950*		mg/Kg	1.00		95.0	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.949*		mg/Kg	1.00		94.9	30-150			
LCS (B119740-BS1)				Prepared: 04/20/15 Analyzed: 04/23/15						
Aroclor-1016	0.32	0.10	mg/Kg	0.250		126	40-140			
Aroclor-1016 [2C]	0.31	0.10	mg/Kg	0.250		123	40-140			
Aroclor-1260	0.32	0.10	mg/Kg	0.250		127	40-140			
Aroclor-1260 [2C]	0.31	0.10	mg/Kg	0.250		123	40-140			
Surrogate: Decachlorobiphenyl	*1.19*		mg/Kg	1.00		119	30-150			
Surrogate: Decachlorobiphenyl [2C]	*1.13*		mg/Kg	1.00		113	30-150			
Surrogate: Tetrachloro-m-xylene	*1.05*		mg/Kg	1.00		105	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*1.06*		mg/Kg	1.00		106	30-150			
LCS Dup (B119740-BSD1)				Prepared: 04/20/15 Analyzed: 04/23/15						
Aroclor-1016	0.31	0.10	mg/Kg	0.250		126	40-140	0.361	30	
Aroclor-1016 [2C]	0.30	0.10	mg/Kg	0.250		122	40-140	0.886	30	
Aroclor-1260	0.31	0.10	mg/Kg	0.250		124	40-140	1.80	30	
Aroclor-1260 [2C]	0.31	0.10	mg/Kg	0.250		124	40-140	0.424	30	
Surrogate: Decachlorobiphenyl	*1.14*		mg/Kg	1.00		114	30-150			
Surrogate: Decachlorobiphenyl [2C]	*1.08*		mg/Kg	1.00		108	30-150			
Surrogate: Tetrachloro-m-xylene	*1.02*		mg/Kg	1.00		102	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*1.03*		mg/Kg	1.00		103	30-150			

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QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B119740 - SW-846 3540C										
Matrix Spike (B119740-MS1)	**Source: 15D0869-01**			Prepared: 04/20/15 Analyzed: 04/23/15						
Aroclor-1016	0.29	0.094	mg/Kg	0.235	ND	124	40-140			
Aroclor-1016 [2C]	0.28	0.094	mg/Kg	0.235	ND	118	40-140			
Aroclor-1260	0.23	0.094	mg/Kg	0.235	ND	96.7	40-140			
Aroclor-1260 [2C]	0.23	0.094	mg/Kg	0.235	ND	97.3	40-140			
Surrogate: Decachlorobiphenyl	*0.828*		mg/Kg	0.939		88.2	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.835*		mg/Kg	0.939		88.9	30-150			
Surrogate: Tetrachloro-m-xylene	*0.964*		mg/Kg	0.939		103	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.972*		mg/Kg	0.939		104	30-150			
Matrix Spike Dup (B119740-MSD1)	**Source: 15D0869-01**			Prepared: 04/20/15 Analyzed: 04/23/15						
Aroclor-1016	0.29	0.096	mg/Kg	0.239	ND	122	40-140	0.0931	50	
Aroclor-1016 [2C]	0.28	0.096	mg/Kg	0.239	ND	118	40-140	2.26	50	
Aroclor-1260	0.24	0.096	mg/Kg	0.239	ND	99.3	40-140	4.55	50	
Aroclor-1260 [2C]	0.24	0.096	mg/Kg	0.239	ND	100	40-140	5.16	50	
Surrogate: Decachlorobiphenyl	*0.883*		mg/Kg	0.957		92.3	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.875*		mg/Kg	0.957		91.4	30-150			
Surrogate: Tetrachloro-m-xylene	*0.958*		mg/Kg	0.957		100	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.960*		mg/Kg	0.957		100	30-150			

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS

Lab Sample ID: B119740-BS1 Date(s) Analyzed: 04/23/2015 04/23/2015

Instrument ID (1): Instrument ID (2):

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1016	1	0.00	0.00	0.00	0.32	
	2	0.00	0.00	0.00	0.31	2
Aroclor-1260	1	0.00	0.00	0.00	0.32	
	2	0.00	0.00	0.00	0.31	2

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS Dup

Lab Sample ID: B119740-BSD1 Date(s) Analyzed: 04/23/2015 04/23/2015

Instrument ID (1): Instrument ID (2):

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1016	1	0.00	0.00	0.00	0.31	
	2	0.00	0.00	0.00	0.30	5
Aroclor-1260	1	0.00	0.00	0.00	0.31	
	2	0.00	0.00	0.00	0.31	0

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

Matrix Spike

Lab Sample ID: B119740-MS1 Date(s) Analyzed: 04/23/2015 04/23/2015

Instrument ID (1): Instrument ID (2):

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1016	1	0.00	0.00	0.00	0.29	
	2	0.00	0.00	0.00	0.28	4
Aroclor-1260	1	0.00	0.00	0.00	0.23	
	2	0.00	0.00	0.00	0.23	1

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

Matrix Spike Dup

Lab Sample ID: B119740-MSD1 Date(s) Analyzed: 04/23/2015 04/23/2015

Instrument ID (1): Instrument ID (2):

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1016	1	0.00	0.00	0.00	0.29	
	2	0.00	0.00	0.00	0.28	4
Aroclor-1260	1	0.00	0.00	0.00	0.24	
	2	0.00	0.00	0.00	0.24	1

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level

Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.

No results have been blank subtracted unless specified in the case narrative section.

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8082A in Product/Solid	
Aroclor-1016	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1016 [2C]	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1221	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1221 [2C]	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1232	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1232 [2C]	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1242	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1242 [2C]	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1248	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1248 [2C]	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1254	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1254 [2C]	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1260	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1260 [2C]	CT,NH,NY,ME,NC,VA,NJ

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC	100033	02/1/2016
MA	Massachusetts DEP	M-MA100	06/30/2015
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2015
NY	New York State Department of Health	10899 NELAP	04/1/2016
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2016
RI	Rhode Island Department of Health	LAO00112	12/30/2015
NC	North Carolina Div. of Water Quality	652	12/31/2015
NJ	New Jersey DEP	MA007 NELAP	06/30/2015
FL	Florida Department of Health	E871027 NELAP	06/30/2015
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2015
WA	State of Washington Department of Ecology	C2065	02/23/2016
ME	State of Maine	2011028	06/9/2015
VA	Commonwealth of Virginia	460217	12/14/2015
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2015

CHAIN OF CUSTODY RECORD

con-test® ANALYTICAL LABORATORY
Phone: 413-525-2332
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www.contestlabs.com
39 Spruce Street
East longmeadow, MA 01028

1SD0869

Rev 04.05.12

Company Name: Woodard & Curran
Address: 1520 Highland Ave
Cheshire, CT 06410
Attention: George Franklin
Project Location: Kenneth Boroson Architects - Riverfield School
Sampled By: Greg Reynolds

Telephone: 866-702-6371
Project # 226361
Client PO#

DATA DELIVERY (check all that apply)
○ FAX ◉ EMAIL ○ WEBSITE
Fax #
Email: gfranklin@woodardcurran.com
Format: ◉ PDF ◉ EXCEL ○ GIS
○ OTHER
○ "Enhanced Data Package"

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	PCBs by Soxhlet	HOLD	# of Containers	** Preservation	***Container Code
01	RES-VBB-023	4/17/15	1315		X	O	U	X		1	I	G
02	RES-VBB-024	4/17/15	1320		X	O	U	X		1	I	G

ANALYSIS REQUESTED

Dissolved Metals
○ Field Filtered
○ Lab to Filter

***Cont. Code:**
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

**Preservation
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other_____

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other ~~Asphalt~~ Brick

Comments:
1. PCBs by Soxhlet 2. Reporting limit ≤ 1 ug/kg 3. For billing information, reference task order dated 11/22/2013

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time:	4/17/15 17:05
Received by: (signature)	Date/Time:	4/17/15 17:05
Relinquished by: (signature)	Date/Time:	
Received by: (signature)	Date/Time:	

Turnaround ††
☐ 7-Day
☐ 10-Day
☒ Other 5 Day

RUSH †
☐ †24-Hr ☒ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts:
Connecticut:
Other: ≤ 1 ug/kg

Is your project MCP or RCP ?
○ MCP Form Required
◉ RCP Form Required
○ MA State DW Form Required PWSID # _____

NELAC & AIHA-LAP, LLC Accredited
WBE/DBE Certified

TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

Table of Contents

39 Spruce St.
East Longmeadow, MA. 01028
P: 413-525-2332
F: 413-525-6405
www.contestlabs.com

con-test® ANALYTICAL LABORATORY

Sample Receipt Checklist

CLIENT NAME: Woodard & Curran **RECEIVED BY:** KKM **DATE:** 4/17/15

1) **Was the chain(s) of custody relinquished and signed?** (Yes) No **No CoC Included**
2) **Does the chain agree with the samples?** (Yes) No
If not, explain:
3) **Are all the samples in good condition?** (Yes) No
If not, explain:
4) **How were the samples received:**
On Ice ☐ Direct from Sampling ☑ Ambient ☑ In Cooler(s) ☐
Were the samples received in Temperature Compliance of (2-6°C)? Yes No (N/A)
Temperature °C by Temp blank _____ Temperature °C by Temp gun 21.0
5) **Are there Dissolved samples for the lab to filter?** Yes (No)
Who was notified _____ Date _____ Time _____
6) **Are there any RUSH or SHORT HOLDING TIME samples?** (Yes) No
Who was notified _____ Date _____ Time _____
7) **Location where samples are stored:** 19
Permission to subcontract samples? Yes No
(Walk-in clients only) if not already approved
Client Signature: _____
8) **Do all samples have the proper Acid pH:** Yes No (N/A) _____
9) **Do all samples have the proper Base pH:** Yes No (N/A) _____
10) **Was the PC notified of any discrepancies with the CoC vs the samples:** Yes No (N/A)

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz amber/clear jar	2
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)		2 oz amber/clear jar	
1 Liter Plastic		Plastic Bag / Ziploc	
500 mL Plastic		SOC Kit	
250 mL plastic		Non-ConTest Container	
40 mL Vial - type listed below		Perchlorate Kit	
Colisure / bacteria bottle		Flashpoint bottle	
Dissolved Oxygen bottle		Other glass jar	
Encore		Other	

Laboratory Comments:
product/solid (brick)

40 mL vials: # HCl _____ # Methanol _____
Bisulfate _____ # DI Water _____
Thiosulfate _____ Unpreserved _____

Time and Date Frozen:

Login Sample Receipt Checklist

(Rejection Criteria Listing - Using Sample Acceptance Policy)

Any False statement will be brought to the attention of Client

Question	Answer (True/False) T/F/NA	Comment
1) The cooler's custody seal, if present, is intact.	NA	
2) The cooler or samples do not appear to have been compromised or tampered with.	T	
3) Samples were received on ice.	NA	samples DFS
4) Cooler Temperature is acceptable.	NA	
5) Cooler Temperature is recorded.	NA	
6) COC is filled out in ink and legible.	T	
7) COC is filled out with all pertinent information.	T	
8) Field Sampler's name present on COC.	T	
9) There are no discrepancies between the sample IDs on the container and the COC.	T	
10) Samples are received within Holding Time.	T	
11) Sample containers have legible labels.	T	
12) Containers are not broken or leaking.	T	
13) Air Cassettes are not broken/open.	NA	
14) Sample collection date/times are provided.	T	
15) Appropriate sample containers are used.	T	
16) Proper collection media used.	T	
17) No headspace sample bottles are completely filled.	NA	
18) There is sufficient volume for all requsted analyses, including any requested MS/MSDs.	T	
19) Trip blanks provided if applicable.	NA	
20) VOA sample vials do not have head space or bubble is <6mm (1/4") in diameter.	NA	
21) Samples do not require splitting or compositing.	T	

Who notified of False statements? **Date/Time:**

Doc #277 Rev. 4 August 2013 **Log-In Technician Initials:** KKM **Date/Time:** 4/17/15 17:05

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Con-Test Analytical Laboratory

Client: Woodard & Curran - CT

Project Location: Kenneth Boroson Architects - Riverfield School

Project Number: 15D0869

Laboratory Sample ID(s):

15D0869-01 thru 15D0869-02

Sample Date(s):

04/17/2015

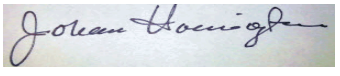
List RCP Methods Used:

SW-846 8082A

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CTDEP method-specific Reasonable Confidence Protocol documents?	☑ Yes ☐ No
1A	Were the method specified preservation and holding time requirements met?	☑ Yes ☐ No
1B	VPH and EPH Methods only: Was the VPH and EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)?	☐ Yes ☐ No ☑ N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (< 6 degrees C.)?	☑ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?	☑ Yes ☐ No
5A	Were reporting limits specified or referenced on the chain-of-custody?	☐ Yes ☑ No
5B	Were these reporting limits met?	☐ Yes ☐ No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☑ Yes ☐ No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	☑ Yes ☐ No

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence."
This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature:  **Position:** **Manager, Laboratory Reporting**

Printed Name: **Johanna K. Harrington** **Date:** **04/24/15**

This certification form is to be used for RCP methods only.

con-test® ANALYTICAL LABORATORY
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June 17, 2015

George Franklin
Woodard & Curran - CT
1520 Highland Avenue
Cheshire, CT 06410

Project Location: Kenneth Boronson Architects - Riverfield School
Client Job Number:
Project Number: 226361
Laboratory Work Order Number: 15F0582

Enclosed are results of analyses for samples received by the laboratory on June 11, 2015. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Lisa A. Worthington
Project Manager

Table of Contents

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Woodard & Curran - CT
1520 Highland Avenue
Cheshire, CT 06410
ATTN: George Franklin

REPORT DATE: 6/17/2015

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 226361

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 15F0582

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Kenneth Boronson Architects - Riverfield School

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
RES-CBB-025	15F0582-01	Product/Solid		SW-846 8082A	
RES-CBB-026	15F0582-02	Product/Solid		SW-846 8082A	
RES-CBB-027	15F0582-03	Product/Solid		SW-846 8082A	

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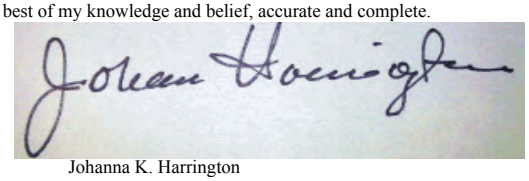
CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Johanna K. Harrington
Manager, Laboratory Reporting

con-test® ANALYTICAL LABORATORY
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Project Location: Kenneth Boronson Architects - Ri Sample Description: Work Order: 15F0582

Date Received: 6/11/2015

Field Sample #: RES-CBB-025 Sampled: 6/11/2015 07:20

Sample ID: 15F0582-01

Sample Matrix: Product/Solid

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/12/15	6/16/15 3:16	JMB
Aroclor-1221 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/12/15	6/16/15 3:16	JMB
Aroclor-1232 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/12/15	6/16/15 3:16	JMB
Aroclor-1242 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/12/15	6/16/15 3:16	JMB
Aroclor-1248 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/12/15	6/16/15 3:16	JMB
Aroclor-1254 [2]	0.15	0.10	mg/Kg	1		SW-846 8082A	6/12/15	6/16/15 3:16	JMB
Aroclor-1260 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/12/15	6/16/15 3:16	JMB
Aroclor-1262 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/12/15	6/16/15 3:16	JMB
Aroclor-1268 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/12/15	6/16/15 3:16	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	82.1	30-150		6/16/15 3:16
Decachlorobiphenyl [2]	114	30-150		6/16/15 3:16
Tetrachloro-m-xylene [1]	77.4	30-150		6/16/15 3:16
Tetrachloro-m-xylene [2]	101	30-150		6/16/15 3:16

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Project Location: Kenneth Boronson Architects - Ri Sample Description: Work Order: 15F0582

Date Received: 6/11/2015

Field Sample #: RES-CBB-026 Sampled: 6/11/2015 07:35

Sample ID: 15F0582-02

Sample Matrix: Product/Solid

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	6/12/15	6/16/15 3:29	JMB
Aroclor-1221 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	6/12/15	6/16/15 3:29	JMB
Aroclor-1232 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	6/12/15	6/16/15 3:29	JMB
Aroclor-1242 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	6/12/15	6/16/15 3:29	JMB
Aroclor-1248 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	6/12/15	6/16/15 3:29	JMB
Aroclor-1254 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	6/12/15	6/16/15 3:29	JMB
Aroclor-1260 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	6/12/15	6/16/15 3:29	JMB
Aroclor-1262 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	6/12/15	6/16/15 3:29	JMB
Aroclor-1268 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	6/12/15	6/16/15 3:29	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	86.0	30-150		6/16/15 3:29
Decachlorobiphenyl [2]	119	30-150		6/16/15 3:29
Tetrachloro-m-xylene [1]	83.5	30-150		6/16/15 3:29
Tetrachloro-m-xylene [2]	109	30-150		6/16/15 3:29

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Project Location: Kenneth Boronson Architects - Ri Sample Description: Work Order: 15F0582

Date Received: 6/11/2015

Field Sample #: RES-CBB-027 Sampled: 6/11/2015 07:50

Sample ID: 15F0582-03

Sample Matrix: Product/Solid

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/12/15	6/16/15 3:42	JMB
Aroclor-1221 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/12/15	6/16/15 3:42	JMB
Aroclor-1232 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/12/15	6/16/15 3:42	JMB
Aroclor-1242 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/12/15	6/16/15 3:42	JMB
Aroclor-1248 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/12/15	6/16/15 3:42	JMB
Aroclor-1254 [2]	1.2	0.10	mg/Kg	1		SW-846 8082A	6/12/15	6/16/15 3:42	JMB
Aroclor-1260 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/12/15	6/16/15 3:42	JMB
Aroclor-1262 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/12/15	6/16/15 3:42	JMB
Aroclor-1268 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/12/15	6/16/15 3:42	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	88.5	30-150		6/16/15 3:42
Decachlorobiphenyl [2]	123	30-150		6/16/15 3:42
Tetrachloro-m-xylene [1]	80.0	30-150		6/16/15 3:42
Tetrachloro-m-xylene [2]	104	30-150		6/16/15 3:42

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Sample Extraction Data

Prep Method: SW-846 3540C-SW-846 8082A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
15F0582-01 [RES-CBB-025]	B124077	2.01	10.0	06/12/15
15F0582-02 [RES-CBB-026]	B124077	2.04	10.0	06/12/15
15F0582-03 [RES-CBB-027]	B124077	2.01	10.0	06/12/15

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QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B124077 - SW-846 3540C										
Blank (B124077-BLK1)				Prepared: 06/12/15 Analyzed: 06/16/15						
Aroclor-1016	ND	0.098	mg/Kg							
Aroclor-1016 [2C]	ND	0.098	mg/Kg							
Aroclor-1221	ND	0.098	mg/Kg							
Aroclor-1221 [2C]	ND	0.098	mg/Kg							
Aroclor-1232	ND	0.098	mg/Kg							
Aroclor-1232 [2C]	ND	0.098	mg/Kg							
Aroclor-1242	ND	0.098	mg/Kg							
Aroclor-1242 [2C]	ND	0.098	mg/Kg							
Aroclor-1248	ND	0.098	mg/Kg							
Aroclor-1248 [2C]	ND	0.098	mg/Kg							
Aroclor-1254	ND	0.098	mg/Kg							
Aroclor-1254 [2C]	ND	0.098	mg/Kg							
Aroclor-1260	ND	0.098	mg/Kg							
Aroclor-1260 [2C]	ND	0.098	mg/Kg							
Aroclor-1262	ND	0.098	mg/Kg							
Aroclor-1262 [2C]	ND	0.098	mg/Kg							
Aroclor-1268	ND	0.098	mg/Kg							
Aroclor-1268 [2C]	ND	0.098	mg/Kg							
Surrogate: Decachlorobiphenyl	*0.959*		mg/Kg	0.980		97.8	30-150			
Surrogate: Decachlorobiphenyl [2C]	*1.37*		mg/Kg	0.980		140	30-150			
Surrogate: Tetrachloro-m-xylene	*0.933*		mg/Kg	0.980		95.1	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*1.22*		mg/Kg	0.980		124	30-150			
LCS (B124077-BS1)				Prepared: 06/12/15 Analyzed: 06/16/15						
Aroclor-1016	0.29	0.10	mg/Kg	0.250		114	40-140			
Aroclor-1016 [2C]	0.29	0.10	mg/Kg	0.250		114	40-140			
Aroclor-1260	0.26	0.10	mg/Kg	0.250		103	40-140			
Aroclor-1260 [2C]	0.30	0.10	mg/Kg	0.250		118	40-140			
Surrogate: Decachlorobiphenyl	*0.862*		mg/Kg	1.00		86.2	30-150			
Surrogate: Decachlorobiphenyl [2C]	*1.20*		mg/Kg	1.00		120	30-150			
Surrogate: Tetrachloro-m-xylene	*0.869*		mg/Kg	1.00		86.9	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*1.13*		mg/Kg	1.00		113	30-150			
LCS Dup (B124077-BSD1)				Prepared: 06/12/15 Analyzed: 06/16/15						
Aroclor-1016	0.26	0.10	mg/Kg	0.249		106	40-140	7.57	30	
Aroclor-1016 [2C]	0.26	0.10	mg/Kg	0.249		106	40-140	8.25	30	
Aroclor-1260	0.25	0.10	mg/Kg	0.249		99.8	40-140	4.13	30	
Aroclor-1260 [2C]	0.28	0.10	mg/Kg	0.249		114	40-140	4.31	30	
Surrogate: Decachlorobiphenyl	*0.816*		mg/Kg	0.995		82.0	30-150			
Surrogate: Decachlorobiphenyl [2C]	*1.13*		mg/Kg	0.995		113	30-150			
Surrogate: Tetrachloro-m-xylene	*0.768*		mg/Kg	0.995		77.2	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.982*		mg/Kg	0.995		98.7	30-150			

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

RES-CBB-025

Lab Sample ID: 15F0582-01 Date(s) Analyzed: 06/16/2015 06/16/2015

Instrument ID (1): Instrument ID (2):

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1254	1	0.00	0.00	0.00	0.13	
	2	0.00	0.00	0.00	0.15	14.3

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

RES-CBB-027

Lab Sample ID: 15F0582-03 Date(s) Analyzed: 06/16/2015 06/16/2015

Instrument ID (1): Instrument ID (2):

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1254	1	0.00	0.00	0.00	0.95	
	2	0.00	0.00	0.00	1.2	22.9

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS

Lab Sample ID: B124077-BS1 Date(s) Analyzed: 06/16/2015 06/16/2015

Instrument ID (1): Instrument ID (2):

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1016	1	0.00	0.00	0.00	0.29	
	2	0.00	0.00	0.00	0.29	1
Aroclor-1260	1	0.00	0.00	0.00	0.26	
	2	0.00	0.00	0.00	0.30	15

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS Dup

Lab Sample ID: B124077-BSD1 Date(s) Analyzed: 06/16/2015 06/16/2015

Instrument ID (1): Instrument ID (2):

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1016	1	0.00	0.00	0.00	0.26	
	2	0.00	0.00	0.00	0.26	2
Aroclor-1260	1	0.00	0.00	0.00	0.25	
	2	0.00	0.00	0.00	0.28	12

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level

Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.

No results have been blank subtracted unless specified in the case narrative section.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8082A in Product/Solid	
Aroclor-1016	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1016 [2C]	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1221	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1221 [2C]	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1232	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1232 [2C]	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1242	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1242 [2C]	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1248	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1248 [2C]	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1254	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1254 [2C]	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1260	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1260 [2C]	CT,NH,NY,ME,NC,VA,NJ

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC	100033	02/1/2016
MA	Massachusetts DEP	M-MA100	06/30/2015
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2015
NY	New York State Department of Health	10899 NELAP	04/1/2016
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2016
RI	Rhode Island Department of Health	LAO00112	12/30/2015
NC	North Carolina Div. of Water Quality	652	12/31/2015
NJ	New Jersey DEP	MA007 NELAP	06/30/2015
FL	Florida Department of Health	E871027 NELAP	06/30/2015
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2015
WA	State of Washington Department of Ecology	C2065	02/23/2016
ME	State of Maine	2011028	06/9/2017
VA	Commonwealth of Virginia	460217	12/14/2015
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2015

con-test® ANALYTICAL LABORATORY
Phone: 413-525-2332
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Email: info@contestlabs.com
www.contestlabs.com

CHAIN OF CUSTODY RECORD

15F0582

Rev 04.05.12

39 Spruce Street
East longmeadow, MA 01028

Company Name: Woodard & Curran
Address: 1520 Highland Ave
Cheshire, CT 06410
Attention: George Franklin
Project Location: Kenneth Boroson Architects - Riverfield School
Sampled By: Greg Reynolds

Telephone: 866-702-6371
Project # 226361
Client PO#

DATA DELIVERY (check all that apply)
○ FAX ◉ EMAIL ○ WEBSITE
Fax #
Email: gfranklin@woodardcurran.com
Format: ○ PDF ○ EXCEL ○ GIS ○ OTHER ○ "Enhanced Data Package"

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code
01	RES-CBB-025	6/11/2015	720		x	S	U
02	RES-CBB-026	6/11/2015	735		x	S	U
03	RES-CBB-027	6/11/2015	750		x	S	U

	# of Containers	** Preservation	***Container Code
1			
I			
G			

ANALYSIS REQUESTED

PCBs by Soxhlet	HOLD
✓	
✓	
✓	

Dissolved Metals
○ Field Filtered
○ Lab to Filter

***Cont. Code:**
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

**Preservation
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other_____

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other_____

mments:
PCBs by Soxhlet 2. Reporting limit ≤ 1 ug/kg 3. For billing information, reference task order dated 11/22/2013

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

	Date/Time
inquished by: (signature)	6/11/15 11:15
ceived by: (signature)	6/11/15 11:15
inquished by: (signature)	6/11/15 1645
ceived by: (signature)	6/11/15 1645

Turnaround ††
☐ 7-Day
☐ 10-Day
◉ Other 5 Day
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts:
Connecticut:
Other: ≤ 1 ug/kg

Is your project MCP or RCP ?
○ MCP Form Required
○ RCP Form Required
○ MA State DW Form Required PWSID # _____

AIHA LAP, LLC ACCREDITED LABORATORY
ACCREDITED IN ACCORDANCE WITH nelac
NELAC & AIHA-LAP, LLC Accredited
WBE/DBE Certified

TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

Table of Contents

39 Spruce St.
East Longmeadow, MA. 01028
P: 413-525-2332
F: 413-525-6405
www.contestlabs.com

con-test® ANALYTICAL LABORATORY

Sample Receipt Checklist

CLIENT NAME: Woodard and Curran **RECEIVED BY:** JDL **DATE:** 6/11/15

1) **Was the chain(s) of custody relinquished and signed?** **Yes** No **No CoC Included**

2) **Does the chain agree with the samples?** **Yes** No
If not, explain:

3) **Are all the samples in good condition?** **Yes** No
If not, explain:

4) **How were the samples received:**
On Ice ☒ Direct from Sampling ☐ Ambient ☐ In Cooler(s) ☒

Were the samples received in Temperature Compliance of (2-6°C)? **Yes** No N/A

Temperature °C by Temp blank _____ Temperature °C by Temp gun 2.7

5) **Are there Dissolved samples for the lab to filter?** Yes **No**
Who was notified _____ Date _____ Time _____

6) **Are there any RUSH or SHORT HOLDING TIME samples?** Yes **No**
Who was notified _____ Date _____ Time _____

7) **Location where samples are stored:** 19

Permission to subcontract samples? Yes No
(Walk-in clients only) if not already approved
Client Signature: _____

8) **Do all samples have the proper Acid pH:** Yes No **N/A** _____

9) **Do all samples have the proper Base pH:** Yes No **N/A** _____

10) **Was the PC notified of any discrepancies with the CoC vs the samples:** Yes No **N/A**

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz amber/clear jar	1
500 mL Amber		4 oz amber/clear jar	2
250 mL Amber (8oz amber)		2 oz amber/clear jar	
1 Liter Plastic		Plastic Bag / Ziploc	
500 mL Plastic		SOC Kit	
250 mL plastic		Non-ConTest Container	
40 mL Vial - type listed below		Perchlorate Kit	
Colisure / bacteria bottle		Flashpoint bottle	
Dissolved Oxygen bottle		Other glass jar	
Encore		Other	

Laboratory Comments:

40 mL vials: # HCl _____ # Methanol _____
Bisulfate _____ # DI Water _____
Thiosulfate _____ Unpreserved

Time and Date Frozen:

Login Sample Receipt Checklist

(Rejection Criteria Listing - Using Sample Acceptance Policy)

Any False statement will be brought to the attention of Client

Question	Answer (True/False) T/F/NA	Comment
1) The cooler's custody seal, if present, is intact.	NA	
2) The cooler or samples do not appear to have been compromised or tampered with.	T	
3) Samples were received on ice.	T	
4) Cooler Temperature is acceptable.	T	
5) Cooler Temperature is recorded.	T	
6) COC is filled out in ink and legible.	T	
7) COC is filled out with all pertinent information.	T	
8) Field Sampler's name present on COC.	T	
9) There are no discrepancies between the sample IDs on the container and the COC.	T	
10) Samples are received within Holding Time.	T	
11) Sample containers have legible labels.	T	
12) Containers are not broken or leaking.	T	
13) Air Cassettes are not broken/open.	NA	
14) Sample collection date/times are provided.	T	
15) Appropriate sample containers are used.	T	
16) Proper collection media used.	T	
17) No headspace sample bottles are completely filled.	T	
18) There is sufficient volume for all requsted analyses, including any requested MS/MSDs.	T	
19) Trip blanks provided if applicable.	NA	
20) VOA sample vials do not have head space or bubble is <6mm (1/4") in diameter.	NA	
21) Samples do not require splitting or compositing.	T	

Who notified of False statements? **Date/Time:**

Doc #277 Rev. 4 August 2013 **Log-In Technician Initials:** ODL **Date/Time:** 6/11/15 1645

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

June 24, 2015

George Franklin
Woodard & Curran - CT
1520 Highland Avenue
Cheshire, CT 06410

Project Location: Kenneth Boroson Architects - Riverfield School
Client Job Number:
Project Number: 226361
Laboratory Work Order Number: 15F0583

Enclosed are results of analyses for samples received by the laboratory on June 11, 2015. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Lisa A. Worthington
Project Manager

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Woodard & Curran - CT
1520 Highland Avenue
Cheshire, CT 06410
ATTN: George Franklin

REPORT DATE: 6/24/2015

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 226361

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 15F0583

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Kenneth Boroson Architects - Riverfield School

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
RES-CBB-028	15F0583-01	Soil		-	
RES-CBB-029	15F0583-02	Soil		-	
RES-CBB-030	15F0583-03	Soil		SM 2540G	
				SW-846 8082A	

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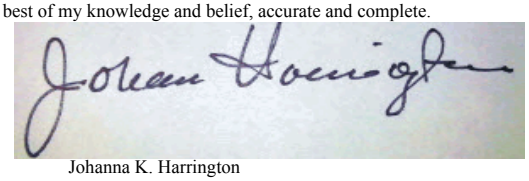
CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Johanna K. Harrington
Manager, Laboratory Reporting

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Kenneth Boroson Architects - Riv Sample Description: Work Order: 15F0583

Date Received: 6/11/2015

Field Sample #: RES-CBB-030 Sampled: 6/11/2015 07:55

Sample ID: 15F0583-03

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.093	mg/Kg	1		SW-846 8082A	6/17/15	6/18/15 18:02	KAL
Aroclor-1221 [1]	ND	0.093	mg/Kg	1		SW-846 8082A	6/17/15	6/18/15 18:02	KAL
Aroclor-1232 [1]	ND	0.093	mg/Kg	1		SW-846 8082A	6/17/15	6/18/15 18:02	KAL
Aroclor-1242 [1]	ND	0.093	mg/Kg	1		SW-846 8082A	6/17/15	6/18/15 18:02	KAL
Aroclor-1248 [1]	ND	0.093	mg/Kg	1		SW-846 8082A	6/17/15	6/18/15 18:02	KAL
Aroclor-1254 [2]	0.14	0.093	mg/Kg	1		SW-846 8082A	6/17/15	6/18/15 18:02	KAL
Aroclor-1260 [1]	ND	0.093	mg/Kg	1		SW-846 8082A	6/17/15	6/18/15 18:02	KAL
Aroclor-1262 [1]	ND	0.093	mg/Kg	1		SW-846 8082A	6/17/15	6/18/15 18:02	KAL
Aroclor-1268 [1]	ND	0.093	mg/Kg	1		SW-846 8082A	6/17/15	6/18/15 18:02	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	89.6	30-150		6/18/15 18:02
Decachlorobiphenyl [2]	119	30-150		6/18/15 18:02
Tetrachloro-m-xylene [1]	78.8	30-150		6/18/15 18:02
Tetrachloro-m-xylene [2]	100	30-150		6/18/15 18:02

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Kenneth Boroson Architects - Riv Sample Description: Work Order: 15F0583

Date Received: 6/11/2015

Field Sample #: RES-CBB-030 Sampled: 6/11/2015 07:55

Sample ID: 15F0583-03

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	99.7		% Wt	1		SM 2540G	6/18/15	6/19/15 17:42	MJR

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Sample Extraction Data

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
15F0583-03 [RES-CBB-030]	B124455	06/18/15

Prep Method: SW-846 3540C-SW-846 8082A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
15F0583-03 [RES-CBB-030]	B124358	2.15	10.0	06/17/15

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QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B124358 - SW-846 3540C										
Blank (B124358-BLK1)				Prepared: 06/17/15 Analyzed: 06/18/15						
Aroclor-1016	ND	0.086	mg/Kg							
Aroclor-1016 [2C]	ND	0.086	mg/Kg							
Aroclor-1221	ND	0.086	mg/Kg							
Aroclor-1221 [2C]	ND	0.086	mg/Kg							
Aroclor-1232	ND	0.086	mg/Kg							
Aroclor-1232 [2C]	ND	0.086	mg/Kg							
Aroclor-1242	ND	0.086	mg/Kg							
Aroclor-1242 [2C]	ND	0.086	mg/Kg							
Aroclor-1248	ND	0.086	mg/Kg							
Aroclor-1248 [2C]	ND	0.086	mg/Kg							
Aroclor-1254	ND	0.086	mg/Kg							
Aroclor-1254 [2C]	ND	0.086	mg/Kg							
Aroclor-1260	ND	0.086	mg/Kg							
Aroclor-1260 [2C]	ND	0.086	mg/Kg							
Aroclor-1262	ND	0.086	mg/Kg							
Aroclor-1262 [2C]	ND	0.086	mg/Kg							
Aroclor-1268	ND	0.086	mg/Kg							
Aroclor-1268 [2C]	ND	0.086	mg/Kg							
Surrogate: Decachlorobiphenyl	*0.777*		mg/Kg	0.862		90.2	30-150			
Surrogate: Decachlorobiphenyl [2C]	*1.02*		mg/Kg	0.862		119	30-150			
Surrogate: Tetrachloro-m-xylene	*0.700*		mg/Kg	0.862		81.2	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.885*		mg/Kg	0.862		103	30-150			
LCS (B124358-BS1)				Prepared: 06/17/15 Analyzed: 06/18/15						
Aroclor-1016	0.26	0.093	mg/Kg	0.231		113	40-140			
Aroclor-1016 [2C]	0.29	0.093	mg/Kg	0.231		123	40-140			
Aroclor-1260	0.26	0.093	mg/Kg	0.231		113	40-140			
Aroclor-1260 [2C]	0.31	0.093	mg/Kg	0.231		135	40-140			
Surrogate: Decachlorobiphenyl	*0.833*		mg/Kg	0.926		90.0	30-150			
Surrogate: Decachlorobiphenyl [2C]	*1.17*		mg/Kg	0.926		126	30-150			
Surrogate: Tetrachloro-m-xylene	*0.730*		mg/Kg	0.926		78.9	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.926*		mg/Kg	0.926		100	30-150			
LCS Dup (B124358-BSD1)				Prepared: 06/17/15 Analyzed: 06/18/15						
Aroclor-1016	0.27	0.093	mg/Kg	0.234		116	40-140	3.94	30	
Aroclor-1016 [2C]	0.30	0.093	mg/Kg	0.234		127	40-140	3.73	30	
Aroclor-1260	0.26	0.093	mg/Kg	0.234		113	40-140	0.866	30	
Aroclor-1260 [2C]	0.31	0.093	mg/Kg	0.234		132	40-140	0.749	30	
Surrogate: Decachlorobiphenyl	*0.851*		mg/Kg	0.935		91.0	30-150			
Surrogate: Decachlorobiphenyl [2C]	*1.14*		mg/Kg	0.935		122	30-150			
Surrogate: Tetrachloro-m-xylene	*0.790*		mg/Kg	0.935		84.6	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*1.01*		mg/Kg	0.935		108	30-150			

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QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B124358 - SW-846 3540C										
Matrix Spike (B124358-MS1)	**Source: 15F0583-03**			Prepared: 06/17/15 Analyzed: 06/18/15						
Aroclor-1016	0.27	0.097	mg/Kg	0.242	ND	114	40-140			
Aroclor-1016 [2C]	0.30	0.097	mg/Kg	0.242	ND	124	40-140			
Aroclor-1260	0.29	0.097	mg/Kg	0.242	ND	121	40-140			
Aroclor-1260 [2C]	0.34	0.097	mg/Kg	0.242	ND	139	40-140			
Surrogate: Decachlorobiphenyl	*0.864*		mg/Kg	0.966		89.4	30-150			
Surrogate: Decachlorobiphenyl [2C]	*1.14*		mg/Kg	0.966		118	30-150			
Surrogate: Tetrachloro-m-xylene	*0.739*		mg/Kg	0.966		76.5	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.937*		mg/Kg	0.966		97.0	30-150			
Matrix Spike Dup (B124358-MSD1)	**Source: 15F0583-03**			Prepared: 06/17/15 Analyzed: 06/18/15						
Aroclor-1016	0.24	0.098	mg/Kg	0.245	ND	96.9	40-140	14.4	50	
Aroclor-1016 [2C]	0.26	0.098	mg/Kg	0.245	ND	108	40-140	12.3	50	
Aroclor-1260	0.26	0.098	mg/Kg	0.245	ND	104	40-140	13.3	50	
Aroclor-1260 [2C]	0.28	0.098	mg/Kg	0.245	ND	114	40-140	18.5	50	
Surrogate: Decachlorobiphenyl	*0.727*		mg/Kg	0.980		74.1	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.928*		mg/Kg	0.980		94.6	30-150			
Surrogate: Tetrachloro-m-xylene	*0.685*		mg/Kg	0.980		69.9	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.862*		mg/Kg	0.980		88.0	30-150			

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

RES-CBB-030

Lab Sample ID: 15F0583-03 Date(s) Analyzed: 06/18/2015 06/18/2015

Instrument ID (1): Instrument ID (2):

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1254	1	0.00	0.00	0.00	0.12	
	2	0.00	0.00	0.00	0.14	14.6

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS

Lab Sample ID: B124358-BS1 Date(s) Analyzed: 06/18/2015 06/18/2015

Instrument ID (1): Instrument ID (2):

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1016	1	0.00	0.00	0.00	0.26	
	2	0.00	0.00	0.00	0.29	11
Aroclor-1260	1	0.00	0.00	0.00	0.26	
	2	0.00	0.00	0.00	0.31	17

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS Dup

Lab Sample ID: B124358-BSD1 Date(s) Analyzed: 06/18/2015 06/18/2015

Instrument ID (1): Instrument ID (2):

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1016	1	0.00	0.00	0.00	0.27	
	2	0.00	0.00	0.00	0.30	10
Aroclor-1260	1	0.00	0.00	0.00	0.26	
	2	0.00	0.00	0.00	0.31	16

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

Matrix Spike

Lab Sample ID: B124358-MS1 Date(s) Analyzed: 06/18/2015 06/18/2015

Instrument ID (1): Instrument ID (2):

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1016	1	0.00	0.00	0.00	0.27	
	2	0.00	0.00	0.00	0.30	9
Aroclor-1260	1	0.00	0.00	0.00	0.29	
	2	0.00	0.00	0.00	0.34	15

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

Matrix Spike Dup

Lab Sample ID: B124358-MSD1 Date(s) Analyzed: 06/18/2015 06/18/2015

Instrument ID (1): Instrument ID (2):

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1016	1	0.00	0.00	0.00	0.24	
	2	0.00	0.00	0.00	0.26	9
Aroclor-1260	1	0.00	0.00	0.00	0.26	
	2	0.00	0.00	0.00	0.28	9

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level

Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.

No results have been blank subtracted unless specified in the case narrative section.

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8082A in Product/Solid	
Aroclor-1016	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1016 [2C]	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1221	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1221 [2C]	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1232	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1232 [2C]	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1242	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1242 [2C]	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1248	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1248 [2C]	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1254	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1254 [2C]	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1260	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1260 [2C]	CT,NH,NY,ME,NC,VA,NJ

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC	100033	02/1/2016
MA	Massachusetts DEP	M-MA100	06/30/2016
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2015
NY	New York State Department of Health	10899 NELAP	04/1/2016
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2016
RI	Rhode Island Department of Health	LAO00112	12/30/2015
NC	North Carolina Div. of Water Quality	652	12/31/2015
NJ	New Jersey DEP	MA007 NELAP	06/30/2015
FL	Florida Department of Health	E871027 NELAP	06/30/2015
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2015
WA	State of Washington Department of Ecology	C2065	02/23/2016
ME	State of Maine	2011028	06/9/2017
VA	Commonwealth of Virginia	460217	12/14/2015
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2015

CHAIN OF CUSTODY RECORD

con-test® ANALYTICAL LABORATORY
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Email: info@contestlabs.com
www.contestlabs.com
39 Spruce Street
East longmeadow, MA 01028

15F0583

Rev 04.05.12

Company Name: Woodard & Curran
Address: 1520 Highland Ave
Cheshire, CT 06410
Attention: George Franklin
Project Location: Kenneth Boroson Architects - Riverfield School
Sampled By: Greg Reynolds

Telephone: 866-702-6371
Project # 226361
Client PO#

DATA DELIVERY (check all that apply)
○ FAX ◉ EMAIL ○ WEBSITE
Fax #
Email: gfranklin@woodardcurran.com
Format: ○ PDF ○ EXCEL ○ GIS ○ OTHER
○ "Enhanced Data Package"

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code
01	RES-CBB-028	6/11/2015	725		x	s	U
02	RES-CBB-029	6/11/2015	740		x	s	U
03	RES-CBB-030	6/11/2015	755		x	s	U

1												# of Containers
I												** Preservation
G												***Container Code
	PCBs by Soxhlet				HOLD							ANALYSIS REQUESTED
01					✓							
02					✓							
03					✓							

Dissolved Metals
○ Field Filtered
○ Lab to Filter

***Cont. Code:**
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

**Preservation
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other_____

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other_____

mments:
PCBs by Soxhlet 2. Reporting limit ≤ 1 ug/kg 3. For billing information, reference task order dated 11/22/2013

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

inquished by: (signature)	Date/Time: 6/11/15 11:15	
eived by: (signature)	Date/Time: 6/11/15 11:15	
inquished by: (signature)	Date/Time: 6/11/15 1645	
eived by: (signature)	Date/Time: 6/11/15 1645	

Turnaround ††
☐ 7-Day
☐ 10-Day
◉ Other 5 Day
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts:
Connecticut:
Other: ≤ 1 ug/kg

Is your project MCP or RCP ?
○ MCP Form Required
○ RCP Form Required
○ MA State DW Form Required PWSID # _____

NELAC & AIHA-LAP, LLC Accredited
WBE/DBE Certified

TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

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39 Spruce St.
East Longmeadow, MA. 01028
P: 413-525-2332
F: 413-525-6405
www.contestlabs.com

con-test® ANALYTICAL LABORATORY

Sample Receipt Checklist

CLIENT NAME: Woodard and Curran **RECEIVED BY:** DDL **DATE:** 6/11/15

1) **Was the chain(s) of custody relinquished and signed?** (Yes) No **No CoC Included**
2) **Does the chain agree with the samples?** (Yes) No
   If not, explain:
3) **Are all the samples in good condition?** (Yes) No
   If not, explain:
4) **How were the samples received:**

On Ice ☒ Direct from Sampling ☐ Ambient ☐ In Cooler(s) ☒

Were the samples received in Temperature Compliance of (2-6°C)? (Yes) No N/A

Temperature °C by Temp blank _____ Temperature °C by Temp gun 2.7

5) **Are there Dissolved samples for the lab to filter?** Yes (No)
   Who was notified _____ Date _____ Time _____
6) **Are there any RUSH or SHORT HOLDING TIME samples?** Yes (No)
   Who was notified _____ Date _____ Time _____
7) **Location where samples are stored:** 19

Permission to subcontract samples? Yes No
(Walk-in clients only) if not already approved
Client Signature: _____

8) **Do all samples have the proper Acid pH:** Yes No (N/A) _____
9) **Do all samples have the proper Base pH:** Yes No (N/A) _____
10) **Was the PC notified of any discrepancies with the CoC vs the samples:** Yes No (N/A)

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz amber/clear jar	1
500 mL Amber		4 oz amber/clear jar	2
250 mL Amber (8oz amber)		2 oz amber/clear jar	
1 Liter Plastic		Plastic Bag / Ziploc	
500 mL Plastic		SOC Kit	
250 mL plastic		Non-ConTest Container	
40 mL Vial - type listed below		Perchlorate Kit	
Colisure / bacteria bottle		Flashpoint bottle	
Dissolved Oxygen bottle		Other glass jar	
Encore		Other	

Laboratory Comments:

40 mL vials: # HCl _____ # Methanol _____
Bisulfate _____ # DI Water _____
Thiosulfate _____ Unpreserved

Time and Date Frozen:

Login Sample Receipt Checklist

(Rejection Criteria Listing - Using Sample Acceptance Policy)

Any False statement will be brought to the attention of Client

Question	Answer (True/False) T/F/NA	Comment
1) The cooler's custody seal, if present, is intact.	NA	
2) The cooler or samples do not appear to have been compromised or tampered with.	T	
3) Samples were received on ice.	T	
4) Cooler Temperature is acceptable.	T	
5) Cooler Temperature is recorded.	T	
6) COC is filled out in ink and legible.	T	
7) COC is filled out with all pertinent information.	T	
8) Field Sampler's name present on COC.	T	
9) There are no discrepancies between the sample IDs on the container and the COC.	T	
10) Samples are received within Holding Time.	T	
11) Sample containers have legible labels.	T	
12) Containers are not broken or leaking.	T	
13) Air Cassettes are not broken/open.	NA	
14) Sample collection date/times are provided.	T	
15) Appropriate sample containers are used.	T	
16) Proper collection media used.	T	
17) No headspace sample bottles are completely filled.	T	
18) There is sufficient volume for all requsted analyses, including any requested MS/MSDs.	T	
19) Trip blanks provided if applicable.	NA	
20) VOA sample vials do not have head space or bubble is <6mm (1/4") in diameter.	NA	
21) Samples do not require splitting or compositing.	T	

Who notified of False statements? **Date/Time:**

Doc #277 Rev. 4 August 2013 **Log-In Technician Initials:** JDL **Date/Time:** 6/11/15 1545

Meghan Kelley

From: Greg Reynolds <greynolds@woodardcurran.com>
Sent: Wednesday, June 17, 2015 12:08 PM
To: mkelley@contestlabs.com
Subject: Riverfield school: release of held sample

Meghan,

On 6/11/2015 three samples were submitted on hold for project number 226361 (Kenneth Boroson Architects - Riverfield School). Please release for analysis sample RES-CBB-030 on a 5-day TAT.

Thanks,

Greg Reynolds
Scientist
Woodard & Curran
1520 Highland Avenue
Cheshire, CT 06410
T: (203)699-6116
F: (203)271-7952

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

July 1, 2015

George Franklin
Woodard & Curran - CT
1520 Highland Avenue
Cheshire, CT 06410

Project Location: Riverfield School
Client Job Number:
Project Number: 226361
Laboratory Work Order Number: 15F1439

Enclosed are results of analyses for samples received by the laboratory on June 29, 2015. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Lisa A. Worthington
Project Manager

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con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Woodard & Curran - CT
1520 Highland Avenue
Cheshire, CT 06410
ATTN: George Franklin

REPORT DATE: 7/1/2015

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 226361

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 15F1439

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Riverfield School

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
RES-CBC-034	15F1439-01	Product/Solid		SW-846 8082A	
RES-CBC-035	15F1439-02	Product/Solid		SW-846 8082A	

con-test® ANALYTICAL LABORATORY

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

SW-846 8082A

Qualifications:

R-05

Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.

Analyte & Samples(s) Qualified:

Aroclor-1260

15F1439-01[RES-CBC-034], 15F1439-02[RES-CBC-035], B125167-BLK1, B125167-BS1, B125167-BSD1

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Tod E. Kopyscinski
Laboratory Director

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Riverfield School | Sample Description: | Work Order: 15F1439

Date Received: 6/29/2015

Field Sample #: RES-CBC-034 | Sampled: 6/29/2015 09:30

Sample ID: 15F1439-01

Sample Matrix: Product/Solid

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	6/29/15	7/1/15 14:15	PJG
Aroclor-1221 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	6/29/15	7/1/15 14:15	PJG
Aroclor-1232 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	6/29/15	7/1/15 14:15	PJG
Aroclor-1242 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	6/29/15	7/1/15 14:15	PJG
Aroclor-1248 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	6/29/15	7/1/15 14:15	PJG
Aroclor-1254 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	6/29/15	7/1/15 14:15	PJG
Aroclor-1260 [1]	ND	0.097	mg/Kg	1	R-05	SW-846 8082A	6/29/15	7/1/15 14:15	PJG
Aroclor-1262 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	6/29/15	7/1/15 14:15	PJG
Aroclor-1268 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	6/29/15	7/1/15 14:15	PJG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	99.6	30-150		7/1/15 14:15
Decachlorobiphenyl [2]	84.0	30-150		7/1/15 14:15
Tetrachloro-m-xylene [1]	103	30-150		7/1/15 14:15
Tetrachloro-m-xylene [2]	93.8	30-150		7/1/15 14:15

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Project Location: Riverfield School | Sample Description: | Work Order: 15F1439

Date Received: 6/29/2015

Field Sample #: RES-CBC-035 | Sampled: 6/29/2015 09:50

Sample ID: 15F1439-02

Sample Matrix: Product/Solid

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	6/29/15	7/1/15 14:28	PJG
Aroclor-1221 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	6/29/15	7/1/15 14:28	PJG
Aroclor-1232 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	6/29/15	7/1/15 14:28	PJG
Aroclor-1242 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	6/29/15	7/1/15 14:28	PJG
Aroclor-1248 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	6/29/15	7/1/15 14:28	PJG
Aroclor-1254 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	6/29/15	7/1/15 14:28	PJG
Aroclor-1260 [1]	ND	0.097	mg/Kg	1	R-05	SW-846 8082A	6/29/15	7/1/15 14:28	PJG
Aroclor-1262 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	6/29/15	7/1/15 14:28	PJG
Aroclor-1268 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	6/29/15	7/1/15 14:28	PJG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	97.3	30-150		7/1/15 14:28
Decachlorobiphenyl [2]	82.0	30-150		7/1/15 14:28
Tetrachloro-m-xylene [1]	96.2	30-150		7/1/15 14:28
Tetrachloro-m-xylene [2]	87.6	30-150		7/1/15 14:28

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Sample Extraction Data

Prep Method: SW-846 3540C-SW-846 8082A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
15F1439-01 [RES-CBC-034]	B125167	2.06	10.0	06/29/15
15F1439-02 [RES-CBC-035]	B125167	2.07	10.0	06/29/15

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QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD		RPD Limit	Notes
Batch B125167 - SW-846 3540C											
Blank (B125167-BLK1)				Prepared: 06/29/15 Analyzed: 07/01/15							
Aroclor-1016	ND	0.10	mg/Kg								
Aroclor-1016 [2C]	ND	0.10	mg/Kg								
Aroclor-1221	ND	0.10	mg/Kg								
Aroclor-1221 [2C]	ND	0.10	mg/Kg								
Aroclor-1232	ND	0.10	mg/Kg								
Aroclor-1232 [2C]	ND	0.10	mg/Kg								
Aroclor-1242	ND	0.10	mg/Kg								
Aroclor-1242 [2C]	ND	0.10	mg/Kg								
Aroclor-1248	ND	0.10	mg/Kg								
Aroclor-1248 [2C]	ND	0.10	mg/Kg								
Aroclor-1254	ND	0.10	mg/Kg								
Aroclor-1254 [2C]	ND	0.10	mg/Kg								
Aroclor-1260	ND	0.10	mg/Kg								R-05
Aroclor-1260 [2C]	ND	0.10	mg/Kg								
Aroclor-1262	ND	0.10	mg/Kg								
Aroclor-1262 [2C]	ND	0.10	mg/Kg								
Aroclor-1268	ND	0.10	mg/Kg								
Aroclor-1268 [2C]	ND	0.10	mg/Kg								
Surrogate: Decachlorobiphenyl	*0.976*		mg/Kg	1.00		97.6	30-150				
Surrogate: Decachlorobiphenyl [2C]	*0.818*		mg/Kg	1.00		81.8	30-150				
Surrogate: Tetrachloro-m-xylene	*0.910*		mg/Kg	1.00		91.0	30-150				
Surrogate: Tetrachloro-m-xylene [2C]	*0.835*		mg/Kg	1.00		83.5	30-150				
LCS (B125167-BS1)				Prepared: 06/29/15 Analyzed: 07/01/15							
Aroclor-1016	0.26	0.10	mg/Kg	0.250		106	40-140				
Aroclor-1016 [2C]	0.25	0.10	mg/Kg	0.250		100	40-140				
Aroclor-1260	0.21	0.10	mg/Kg	0.250		85.0	40-140				R-05
Aroclor-1260 [2C]	0.21	0.10	mg/Kg	0.250		83.4	40-140				
Surrogate: Decachlorobiphenyl	*0.698*		mg/Kg	1.00		69.8	30-150				
Surrogate: Decachlorobiphenyl [2C]	*0.592*		mg/Kg	1.00		59.2	30-150				
Surrogate: Tetrachloro-m-xylene	*0.878*		mg/Kg	1.00		87.8	30-150				
Surrogate: Tetrachloro-m-xylene [2C]	*0.817*		mg/Kg	1.00		81.7	30-150				
LCS Dup (B125167-BSD1)				Prepared: 06/29/15 Analyzed: 07/01/15							
Aroclor-1016	0.31	0.10	mg/Kg	0.250		125	40-140	17.0		30	
Aroclor-1016 [2C]	0.31	0.10	mg/Kg	0.250		122	40-140	19.7		30	
Aroclor-1260	0.30	0.10	mg/Kg	0.250		118	40-140	**32.6**	*	30	R-05
Aroclor-1260 [2C]	0.28	0.10	mg/Kg	0.250		111	40-140	28.3		30	
Surrogate: Decachlorobiphenyl	*1.01*		mg/Kg	1.00		101	30-150				
Surrogate: Decachlorobiphenyl [2C]	*0.846*		mg/Kg	1.00		84.6	30-150				
Surrogate: Tetrachloro-m-xylene	*0.968*		mg/Kg	1.00		96.8	30-150				
Surrogate: Tetrachloro-m-xylene [2C]	*0.884*		mg/Kg	1.00		88.4	30-150				

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS

Lab Sample ID: B125167-BS1 Date(s) Analyzed: 07/01/2015 07/01/2015

Instrument ID (1): Instrument ID (2):

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1016	1	0.00	0.00	0.00	0.26	
	2	0.00	0.00	0.00	0.25	5
Aroclor-1260	1	0.00	0.00	0.00	0.21	
	2	0.00	0.00	0.00	0.21	1

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS Dup

Lab Sample ID: B125167-BSD1 Date(s) Analyzed: 07/01/2015 07/01/2015

Instrument ID (1): Instrument ID (2):

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1016	1	0.00	0.00	0.00	0.31	
	2	0.00	0.00	0.00	0.31	1
Aroclor-1260	1	0.00	0.00	0.00	0.30	
	2	0.00	0.00	0.00	0.28	5

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
R-05	Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8082A in Product/Solid	
Aroclor-1016	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1016 [2C]	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1221	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1221 [2C]	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1232	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1232 [2C]	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1242	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1242 [2C]	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1248	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1248 [2C]	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1254	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1254 [2C]	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1260	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1260 [2C]	CT,NH,NY,ME,NC,VA,NJ

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC	100033	02/1/2016
MA	Massachusetts DEP	M-MA100	06/30/2016
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2015
NY	New York State Department of Health	10899 NELAP	04/1/2016
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2016
RI	Rhode Island Department of Health	LAO00112	12/30/2015
NC	North Carolina Div. of Water Quality	652	12/31/2015
NJ	New Jersey DEP	MA007 NELAP	09/30/2015
FL	Florida Department of Health	E871027 NELAP	06/30/2016
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2015
WA	State of Washington Department of Ecology	C2065	02/23/2016
ME	State of Maine	2011028	06/9/2017
VA	Commonwealth of Virginia	460217	12/14/2015
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2015

CHAIN OF CUSTODY RECORD

15F1439

Rev 04.05.12

con-test® ANALYTICAL LABORATORY
Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com
www.contestlabs.com
39 Spruce Street
East longmeadow, MA 01028

Company Name: Woodard & Curran
Address: 1520 Highland Ave
Cheshire, CT 06410
Attention: George Franklin
Project Location: Kenneth Boroson Architects - Riverfield School
Sampled By: Greg Reynolds

Telephone: 866-702-6371
Project # 226361
Client PO#

DATA DELIVERY (check all that apply)
○ FAX ◉ EMAIL ○ WEBSITE
Fax #
Email: gfranklin@woodardcurran.com
Format: ○ PDF ○ EXCEL ○ GIS
○ OTHER
○ "Enhanced Data Package"

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	# of Containers	** Preservation	***Container Code	PCBs by Soxhlet	HOLD
01	RES-CBC-034	6/29/2015	930	X		S	U	1	I	G	✓	
02	RES-CBC-035	6/29/2015	950	X		S	U	1	I	G	✓	

ANALYSIS REQUESTED

Dissolved Metals
○ Field Filtered
○ Lab to Filter

***Cont. Code:**
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

****Preservation**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other Hexane

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other

Comments:
1. PCBs by Soxhlet 2. Reporting limit ≤ 1 ug/kg. 3. 48 hr TAT requested

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time: 6-29-15 16:20
Relinquished by: (signature)	Date/Time: 6-29-15 17:50
Received by: (signature) 4.2 6/29/15	Date/Time: 1750

Turnaround ††
❒ 7-Day
❒ 10-Day
❒ Other 5 Day

RUSH †
❒ †24-Hr ◉ †48-Hr
❒ †72-Hr ❒ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts:
Connecticut:
Other: ≤ 1 ug/kg

Is your project MCP or RCP ?
○ MCP Form Required
○ RCP Form Required
○ MA State DW Form Required PWSID # _____

NELAC & AIHA-LAP, LLC Accredited
WBE/DBE Certified

TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

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39 Spruce St.
East Longmeadow, MA. 01028
P: 413-525-2332
F: 413-525-6405
www.contestlabs.com

con-test® ANALYTICAL LABORATORY

Sample Receipt Checklist

CLIENT NAME: Woodard and Curran **RECEIVED BY:** JDL **DATE:** 6/29/15

1) **Was the chain(s) of custody relinquished and signed?** (Yes) No — No CoC Included
2) **Does the chain agree with the samples?** (Yes) No
   If not, explain:
3) **Are all the samples in good condition?** (Yes) No
   If not, explain:
4) **How were the samples received:**
   On Ice [X] Direct from Sampling [ ] Ambient [ ] In Cooler(s) [X]
   Were the samples received in Temperature Compliance of (2-6°C)? (Yes) No N/A
   Temperature °C by Temp blank _____ Temperature °C by Temp gun 4.2
5) **Are there Dissolved samples for the lab to filter?** Yes (No)
   Who was notified _____ Date _____ Time _____
6) **Are there any RUSH or SHORT HOLDING TIME samples?** (Yes) No
   Who was notified _____ Date _____ Time _____
7) **Location where samples are stored:** 19

Permission to subcontract samples? Yes No
(Walk-in clients only) if not already approved
Client Signature: _____

8) **Do all samples have the proper Acid pH:** Yes No (N/A) _____
9) **Do all samples have the proper Base pH:** Yes No (N/A) _____
10) **Was the PC notified of any discrepancies with the CoC vs the samples:** Yes No (N/A)

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz amber/clear jar	2
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)		2 oz amber/clear jar	
1 Liter Plastic		Plastic Bag / Ziploc	
500 mL Plastic		SOC Kit	
250 mL plastic		Non-ConTest Container	
40 mL Vial - type listed below		Perchlorate Kit	
Colisure / bacteria bottle		Flashpoint bottle	
Dissolved Oxygen bottle		Other glass jar	
Encore		Other	

Laboratory Comments:

40 mL vials: # HCl _____ # Methanol _____
Bisulfate _____ # DI Water _____
Thiosulfate _____ Unpreserved

Time and Date Frozen:

Login Sample Receipt Checklist

(Rejection Criteria Listing - Using Sample Acceptance Policy)

Any False statement will be brought to the attention of Client

Question	Answer (True/False) T/F/NA	Comment
1) The cooler's custody seal, if present, is intact.	NA	
2) The cooler or samples do not appear to have been compromised or tampered with.	T	
3) Samples were received on ice.	T	
4) Cooler Temperature is acceptable.	T	
5) Cooler Temperature is recorded.	T	
6) COC is filled out in ink and legible.	T	
7) COC is filled out with all pertinent information.	T	
8) Field Sampler's name present on COC.	T	
9) There are no discrepancies between the sample IDs on the container and the COC.	T	
10) Samples are received within Holding Time.	T	
11) Sample containers have legible labels.	T	
12) Containers are not broken or leaking.	T	
13) Air Cassettes are not broken/open.	NA	
14) Sample collection date/times are provided.	T	
15) Appropriate sample containers are used.	T	
16) Proper collection media used.	T	
17) No headspace sample bottles are completely filled.	T	
18) There is sufficient volume for all requsted analyses, including any requested MS/MSDs.	T	
19) Trip blanks provided if applicable.	NA	
20) VOA sample vials do not have head space or bubble is <6mm (1/4") in diameter.	NA	
21) Samples do not require splitting or compositing.	T	

Who notified of False statements? **Date/Time:**

Doc #277 Rev. 4 August 2013 **Log-In Technician Initials:** TDL **Date/Time:** 6/29/15 1750

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

July 1, 2015

George Franklin
Woodard & Curran - CT
1520 Highland Avenue
Cheshire, CT 06410

Project Location: Riverfield School
Client Job Number:
Project Number: 226361
Laboratory Work Order Number: 15F1437

Enclosed are results of analyses for samples received by the laboratory on June 29, 2015. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Lisa A. Worthington
Project Manager

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con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Woodard & Curran - CT
1520 Highland Avenue
Cheshire, CT 06410
ATTN: George Franklin

REPORT DATE: 7/1/2015

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 226361

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 15F1437

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Riverfield School

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
RES-CBC-036	15F1437-01	Product/Solid		SW-846 8082A	
RES-CBC-037	15F1437-02	Product/Solid		SW-846 8082A	

con-test® ANALYTICAL LABORATORY

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CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

SW-846 8082A

Qualifications:

R-05

Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.

Analyte & Samples(s) Qualified:

Aroclor-1260

15F1437-01[RES-CBC-036], 15F1437-02[RES-CBC-037], B125167-BLK1, B125167-BS1, B125167-BSD1

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Tod E. Kopyscinski
Laboratory Director

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Riverfield School | Sample Description: | Work Order: 15F1437

Date Received: 6/29/2015

Field Sample #: RES-CBC-036 | Sampled: 6/29/2015 10:15

Sample ID: 15F1437-01

Sample Matrix: Product/Solid

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/29/15	7/1/15 13:49	PJG
Aroclor-1221 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/29/15	7/1/15 13:49	PJG
Aroclor-1232 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/29/15	7/1/15 13:49	PJG
Aroclor-1242 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/29/15	7/1/15 13:49	PJG
Aroclor-1248 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/29/15	7/1/15 13:49	PJG
Aroclor-1254 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/29/15	7/1/15 13:49	PJG
Aroclor-1260 [1]	ND	0.10	mg/Kg	1	R-05	SW-846 8082A	6/29/15	7/1/15 13:49	PJG
Aroclor-1262 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/29/15	7/1/15 13:49	PJG
Aroclor-1268 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/29/15	7/1/15 13:49	PJG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	91.9	30-150		7/1/15 13:49
Decachlorobiphenyl [2]	76.9	30-150		7/1/15 13:49
Tetrachloro-m-xylene [1]	84.6	30-150		7/1/15 13:49
Tetrachloro-m-xylene [2]	78.8	30-150		7/1/15 13:49

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Riverfield School | Sample Description: | Work Order: 15F1437

Date Received: 6/29/2015

Field Sample #: RES-CBC-037 | Sampled: 6/29/2015 10:25

Sample ID: 15F1437-02

Sample Matrix: Product/Solid

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.087	mg/Kg	1		SW-846 8082A	6/29/15	7/1/15 14:02	PJG
Aroclor-1221 [1]	ND	0.087	mg/Kg	1		SW-846 8082A	6/29/15	7/1/15 14:02	PJG
Aroclor-1232 [1]	ND	0.087	mg/Kg	1		SW-846 8082A	6/29/15	7/1/15 14:02	PJG
Aroclor-1242 [1]	ND	0.087	mg/Kg	1		SW-846 8082A	6/29/15	7/1/15 14:02	PJG
Aroclor-1248 [1]	ND	0.087	mg/Kg	1		SW-846 8082A	6/29/15	7/1/15 14:02	PJG
Aroclor-1254 [1]	ND	0.087	mg/Kg	1		SW-846 8082A	6/29/15	7/1/15 14:02	PJG
Aroclor-1260 [1]	ND	0.087	mg/Kg	1	R-05	SW-846 8082A	6/29/15	7/1/15 14:02	PJG
Aroclor-1262 [1]	ND	0.087	mg/Kg	1		SW-846 8082A	6/29/15	7/1/15 14:02	PJG
Aroclor-1268 [1]	ND	0.087	mg/Kg	1		SW-846 8082A	6/29/15	7/1/15 14:02	PJG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	95.8	30-150		7/1/15 14:02
Decachlorobiphenyl [2]	80.3	30-150		7/1/15 14:02
Tetrachloro-m-xylene [1]	94.2	30-150		7/1/15 14:02
Tetrachloro-m-xylene [2]	86.8	30-150		7/1/15 14:02

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Sample Extraction Data

Prep Method: SW-846 3540C-SW-846 8082A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
15F1437-01 [RES-CBC-036]	B125167	2.00	10.0	06/29/15
15F1437-02 [RES-CBC-037]	B125167	2.30	10.0	06/29/15

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QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD		RPD Limit	Notes
Batch B125167 - SW-846 3540C											
Blank (B125167-BLK1)				Prepared: 06/29/15 Analyzed: 07/01/15							
Aroclor-1016	ND	0.10	mg/Kg								
Aroclor-1016 [2C]	ND	0.10	mg/Kg								
Aroclor-1221	ND	0.10	mg/Kg								
Aroclor-1221 [2C]	ND	0.10	mg/Kg								
Aroclor-1232	ND	0.10	mg/Kg								
Aroclor-1232 [2C]	ND	0.10	mg/Kg								
Aroclor-1242	ND	0.10	mg/Kg								
Aroclor-1242 [2C]	ND	0.10	mg/Kg								
Aroclor-1248	ND	0.10	mg/Kg								
Aroclor-1248 [2C]	ND	0.10	mg/Kg								
Aroclor-1254	ND	0.10	mg/Kg								
Aroclor-1254 [2C]	ND	0.10	mg/Kg								
Aroclor-1260	ND	0.10	mg/Kg								R-05
Aroclor-1260 [2C]	ND	0.10	mg/Kg								
Aroclor-1262	ND	0.10	mg/Kg								
Aroclor-1262 [2C]	ND	0.10	mg/Kg								
Aroclor-1268	ND	0.10	mg/Kg								
Aroclor-1268 [2C]	ND	0.10	mg/Kg								
Surrogate: Decachlorobiphenyl	*0.976*		mg/Kg	1.00		97.6	30-150				
Surrogate: Decachlorobiphenyl [2C]	*0.818*		mg/Kg	1.00		81.8	30-150				
Surrogate: Tetrachloro-m-xylene	*0.910*		mg/Kg	1.00		91.0	30-150				
Surrogate: Tetrachloro-m-xylene [2C]	*0.835*		mg/Kg	1.00		83.5	30-150				
LCS (B125167-BS1)				Prepared: 06/29/15 Analyzed: 07/01/15							
Aroclor-1016	0.26	0.10	mg/Kg	0.250		106	40-140				
Aroclor-1016 [2C]	0.25	0.10	mg/Kg	0.250		100	40-140				
Aroclor-1260	0.21	0.10	mg/Kg	0.250		85.0	40-140				R-05
Aroclor-1260 [2C]	0.21	0.10	mg/Kg	0.250		83.4	40-140				
Surrogate: Decachlorobiphenyl	*0.698*		mg/Kg	1.00		69.8	30-150				
Surrogate: Decachlorobiphenyl [2C]	*0.592*		mg/Kg	1.00		59.2	30-150				
Surrogate: Tetrachloro-m-xylene	*0.878*		mg/Kg	1.00		87.8	30-150				
Surrogate: Tetrachloro-m-xylene [2C]	*0.817*		mg/Kg	1.00		81.7	30-150				
LCS Dup (B125167-BSD1)				Prepared: 06/29/15 Analyzed: 07/01/15							
Aroclor-1016	0.31	0.10	mg/Kg	0.250		125	40-140	17.0		30	
Aroclor-1016 [2C]	0.31	0.10	mg/Kg	0.250		122	40-140	19.7		30	
Aroclor-1260	0.30	0.10	mg/Kg	0.250		118	40-140	**32.6**	*	30	R-05
Aroclor-1260 [2C]	0.28	0.10	mg/Kg	0.250		111	40-140	28.3		30	
Surrogate: Decachlorobiphenyl	*1.01*		mg/Kg	1.00		101	30-150				
Surrogate: Decachlorobiphenyl [2C]	*0.846*		mg/Kg	1.00		84.6	30-150				
Surrogate: Tetrachloro-m-xylene	*0.968*		mg/Kg	1.00		96.8	30-150				
Surrogate: Tetrachloro-m-xylene [2C]	*0.884*		mg/Kg	1.00		88.4	30-150				

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QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B125167 - SW-846 3540C										
Matrix Spike (B125167-MS1)	**Source: 15F1437-01**			Prepared: 06/29/15 Analyzed: 07/01/15						
Aroclor-1016	0.33	0.10	mg/Kg	0.250	ND	132	40-140			
Aroclor-1016 [2C]	0.31	0.10	mg/Kg	0.250	ND	123	40-140			
Aroclor-1260	0.30	0.10	mg/Kg	0.250	ND	119	40-140			
Aroclor-1260 [2C]	0.27	0.10	mg/Kg	0.250	ND	109	40-140			
Surrogate: Decachlorobiphenyl	*1.02*		mg/Kg	1.00		102	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.848*		mg/Kg	1.00		84.8	30-150			
Surrogate: Tetrachloro-m-xylene	*0.972*		mg/Kg	1.00		97.2	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.883*		mg/Kg	1.00		88.3	30-150			
Matrix Spike Dup (B125167-MSD1)	**Source: 15F1437-01**			Prepared: 06/29/15 Analyzed: 07/01/15						
Aroclor-1016	0.33	0.10	mg/Kg	0.250	ND	130	40-140	1.19	50	
Aroclor-1016 [2C]	0.30	0.10	mg/Kg	0.250	ND	121	40-140	2.19	50	
Aroclor-1260	0.29	0.10	mg/Kg	0.250	ND	116	40-140	2.55	50	
Aroclor-1260 [2C]	0.27	0.10	mg/Kg	0.250	ND	108	40-140	1.34	50	
Surrogate: Decachlorobiphenyl	*0.978*		mg/Kg	1.00		97.8	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.817*		mg/Kg	1.00		81.7	30-150			
Surrogate: Tetrachloro-m-xylene	*0.930*		mg/Kg	1.00		93.0	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.846*		mg/Kg	1.00		84.6	30-150			

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS

Lab Sample ID: B125167-BS1 Date(s) Analyzed: 07/01/2015 07/01/2015

Instrument ID (1): Instrument ID (2):

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1016	1	0.00	0.00	0.00	0.26	
	2	0.00	0.00	0.00	0.25	5
Aroclor-1260	1	0.00	0.00	0.00	0.21	
	2	0.00	0.00	0.00	0.21	1

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS Dup

Lab Sample ID: B125167-BSD1 Date(s) Analyzed: 07/01/2015 07/01/2015

Instrument ID (1): Instrument ID (2):

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1016	1	0.00	0.00	0.00	0.31	
	2	0.00	0.00	0.00	0.31	1
Aroclor-1260	1	0.00	0.00	0.00	0.30	
	2	0.00	0.00	0.00	0.28	5

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

Matrix Spike

Lab Sample ID: B125167-MS1 Date(s) Analyzed: 07/01/2015 07/01/2015

Instrument ID (1): Instrument ID (2):

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1016	1	0.00	0.00	0.00	0.33	
	2	0.00	0.00	0.00	0.31	6
Aroclor-1260	1	0.00	0.00	0.00	0.30	
	2	0.00	0.00	0.00	0.27	10

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

Matrix Spike Dup

Lab Sample ID: B125167-MSD1 Date(s) Analyzed: 07/01/2015 07/01/2015

Instrument ID (1): Instrument ID (2):

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1016	1	0.00	0.00	0.00	0.33	
	2	0.00	0.00	0.00	0.30	8
Aroclor-1260	1	0.00	0.00	0.00	0.29	
	2	0.00	0.00	0.00	0.27	7

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
R-05	Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8082A in Product/Solid	
Aroclor-1016	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1016 [2C]	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1221	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1221 [2C]	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1232	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1232 [2C]	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1242	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1242 [2C]	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1248	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1248 [2C]	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1254	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1254 [2C]	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1260	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1260 [2C]	CT,NH,NY,ME,NC,VA,NJ

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC	100033	02/1/2016
MA	Massachusetts DEP	M-MA100	06/30/2016
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2015
NY	New York State Department of Health	10899 NELAP	04/1/2016
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2016
RI	Rhode Island Department of Health	LAO00112	12/30/2015
NC	North Carolina Div. of Water Quality	652	12/31/2015
NJ	New Jersey DEP	MA007 NELAP	09/30/2015
FL	Florida Department of Health	E871027 NELAP	06/30/2016
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2015
WA	State of Washington Department of Ecology	C2065	02/23/2016
ME	State of Maine	2011028	06/9/2017
VA	Commonwealth of Virginia	460217	12/14/2015
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2015

CHAIN OF CUSTODY RECORD

15F1437
Rev 04.05.12

con-test® ANALYTICAL LABORATORY
Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com
www.contestlabs.com
39 Spruce Street
East longmeadow, MA 01028

Company Name: Woodard & Curran
Address: 1520 Highland Ave
Cheshire, CT 06410
Attention: George Franklin
Project Location: Kenneth Boroson Architects - Riverfield School
Sampled By: Greg Reynolds

Telephone: 866-702-6371
Project # 226361
Client PO#

DATA DELIVERY (check all that apply)
○ FAX ◉ EMAIL ○ WEBSITE
Fax #
Email: gfranklin@woodardcurran.com
Format: ○ PDF ○ EXCEL ○ GIS
○ OTHER
○ "Enhanced Data Package"

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	PCBs by Soxhlet	HOLD	# of Containers	** Preservation	***Container Code
01	RES-CBC-036	6/29/2015	1015		x	s	U	✓		1	I	G
02	RES-CBC-037	6/29/2015	1025		x	s	U	✓		1	I	G

ANALYSIS REQUESTED

Dissolved Metals
○ Field Filtered
○ Lab to Filter

***Cont. Code:
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

**Preservation
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other Hexane

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other

Comments:
1. PCBs by Soxhlet 2. Reporting limit ≤ 1 ug/kg. 3. 48 hr TAT requested

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time: 6/29/15 16:20	
Received by: (signature)	Date/Time: 6/29/15 16:20	
Relinquished by: (signature)	Date/Time: 6/29/15 17:50	
Received by: (signature) 4.2 6/29/15	Date/Time: 1750	

Turnaround ††
☐ 7-Day
☐ 10-Day
☐ Other 5 Day
RUSH †
☐ †24-Hr ◉ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts:
Connecticut:
Other: ≤ 1 ug/kg

Is your project MCP or RCP ?
○ MCP Form Required
○ RCP Form Required
○ MA State DW Form Required PWSID # _____

NELAC & AIHA-LAP, LLC Accredited
WBE/DBE Certified

TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

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39 Spruce St.
East Longmeadow, MA. 01028
P: 413-525-2332
F: 413-525-6405
www.contestlabs.com

con-test ANALYTICAL LABORATORY

Sample Receipt Checklist

CLIENT NAME: Woodard and Curran **RECEIVED BY:** JDL **DATE:** 6/29/15

1) **Was the chain(s) of custody relinquished and signed?** (Yes) No No CoC Included

2) **Does the chain agree with the samples?** (Yes) No

If not, explain:

3) **Are all the samples in good condition?** (Yes) No

If not, explain:

4) **How were the samples received:**

On Ice ☒ Direct from Sampling ☐ Ambient ☐ In Cooler(s) ☒

Were the samples received in Temperature Compliance of (2-6°C)? (Yes) No N/A

Temperature °C by Temp blank _____ Temperature °C by Temp gun 4.2

5) **Are there Dissolved samples for the lab to filter?** Yes (No)

Who was notified _____ Date _____ Time _____

6) **Are there any RUSH or SHORT HOLDING TIME samples?** (Yes) No

Who was notified _____ Date _____ Time _____

7) **Location where samples are stored:** 19

Permission to subcontract samples? Yes No
(Walk-in clients only) if not already approved
Client Signature: _____

8) **Do all samples have the proper Acid pH:** Yes No (N/A) _____

9) **Do all samples have the proper Base pH:** Yes No (N/A) _____

10) **Was the PC notified of any discrepancies with the CoC vs the samples:** Yes No (N/A)

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz amber/clear jar	2
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)		2 oz amber/clear jar	
1 Liter Plastic		Plastic Bag / Ziploc	
500 mL Plastic		SOC Kit	
250 mL plastic		Non-ConTest Container	
40 mL Vial - type listed below		Perchlorate Kit	
Colisure / bacteria bottle		Flashpoint bottle	
Dissolved Oxygen bottle		Other glass jar	
Encore		Other	

Laboratory Comments:

40 mL vials: # HCl _____ # Methanol _____
Bisulfate _____ # DI Water _____
Thiosulfate _____ Unpreserved

Time and Date Frozen:

Login Sample Receipt Checklist

(Rejection Criteria Listing - Using Sample Acceptance Policy)

Any False statement will be brought to the attention of Client

Question	Answer (True/False) T/F/NA	Comment
1) The cooler's custody seal, if present, is intact.	NA	
2) The cooler or samples do not appear to have been compromised or tampered with.	T	
3) Samples were received on ice.	T	
4) Cooler Temperature is acceptable.	T	
5) Cooler Temperature is recorded.	T	
6) COC is filled out in ink and legible.	T	
7) COC is filled out with all pertinent information.	T	
8) Field Sampler's name present on COC.	T	
9) There are no discrepancies between the sample IDs on the container and the COC.	T	
10) Samples are received within Holding Time.	T	
11) Sample containers have legible labels.	T	
12) Containers are not broken or leaking.	T	
13) Air Cassettes are not broken/open.	NA	
14) Sample collection date/times are provided.	T	
15) Appropriate sample containers are used.	T	
16) Proper collection media used.	T	
17) No headspace sample bottles are completely filled.	T	
18) There is sufficient volume for all requsted analyses, including any requested MS/MSDs.	T	
19) Trip blanks provided if applicable.	NA	
20) VOA sample vials do not have head space or bubble is <6mm (1/4") in diameter.	NA	
21) Samples do not require splitting or compositing.	T	

Who notified of False statements? **Date/Time:**

Doc #277 Rev. 4 August 2013 **Log-In Technician Initials:** ODL **Date/Time:** 6/29/15 1750

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

July 1, 2015

George Franklin
Woodard & Curran - CT
1520 Highland Avenue
Cheshire, CT 06410

Project Location: Riverfield School
Client Job Number:
Project Number: 226361
Laboratory Work Order Number: 15F1436

Enclosed are results of analyses for samples received by the laboratory on June 29, 2015. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Lisa A. Worthington
Project Manager

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con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Woodard & Curran - CT
1520 Highland Avenue
Cheshire, CT 06410
ATTN: George Franklin

REPORT DATE: 7/1/2015

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 226361

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 15F1436

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Riverfield School

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
RES-CW-031	15F1436-01	Wipe		SW-846 8082A	
RES-CW-032	15F1436-02	Wipe		SW-846 8082A	
RES-CW-033	15F1436-03	Wipe		SW-846 8082A	

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CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

SW-846 8082A

Qualifications:

V-05

Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the low side.

Analyte & Samples(s) Qualified:

Aroclor-1221
B125247-BLK1

Aroclor-1268
B125247-BLK1

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Tod E. Kopyscinski
Laboratory Director

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Riverfield School | Sample Description: | Work Order: 15F1436

Date Received: 6/29/2015

Field Sample #: RES-CW-031 | Sampled: 6/29/2015 08:40

Sample ID: 15F1436-01

Sample Matrix: Wipe

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [2]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/30/15	7/1/15 13:20	PJG
Aroclor-1221 [2]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/30/15	7/1/15 13:20	PJG
Aroclor-1232 [2]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/30/15	7/1/15 13:20	PJG
Aroclor-1242 [2]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/30/15	7/1/15 13:20	PJG
Aroclor-1248 [2]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/30/15	7/1/15 13:20	PJG
Aroclor-1254 [2]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/30/15	7/1/15 13:20	PJG
Aroclor-1260 [2]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/30/15	7/1/15 13:20	PJG
Aroclor-1262 [2]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/30/15	7/1/15 13:20	PJG
Aroclor-1268 [2]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/30/15	7/1/15 13:20	PJG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	79.4	30-150		7/1/15 13:20
Decachlorobiphenyl [2]	95.5	30-150		7/1/15 13:20
Tetrachloro-m-xylene [1]	84.4	30-150		7/1/15 13:20
Tetrachloro-m-xylene [2]	99.7	30-150		7/1/15 13:20

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Project Location: Riverfield School | Sample Description: | Work Order: 15F1436

Date Received: 6/29/2015

Field Sample #: RES-CW-032 | Sampled: 6/29/2015 08:50

Sample ID: 15F1436-02

Sample Matrix: Wipe

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [2]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/30/15	7/1/15 13:32	PJG
Aroclor-1221 [2]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/30/15	7/1/15 13:32	PJG
Aroclor-1232 [2]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/30/15	7/1/15 13:32	PJG
Aroclor-1242 [2]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/30/15	7/1/15 13:32	PJG
Aroclor-1248 [2]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/30/15	7/1/15 13:32	PJG
Aroclor-1254 [2]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/30/15	7/1/15 13:32	PJG
Aroclor-1260 [2]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/30/15	7/1/15 13:32	PJG
Aroclor-1262 [2]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/30/15	7/1/15 13:32	PJG
Aroclor-1268 [2]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/30/15	7/1/15 13:32	PJG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	77.8	30-150		7/1/15 13:32
Decachlorobiphenyl [2]	92.9	30-150		7/1/15 13:32
Tetrachloro-m-xylene [1]	82.0	30-150		7/1/15 13:32
Tetrachloro-m-xylene [2]	96.7	30-150		7/1/15 13:32

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Project Location: Riverfield School | Sample Description: | Work Order: 15F1436

Date Received: 6/29/2015

Field Sample #: RES-CW-033 | Sampled: 6/29/2015 09:00

Sample ID: 15F1436-03

Sample Matrix: Wipe

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [2]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/30/15	7/1/15 13:45	PJG
Aroclor-1221 [2]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/30/15	7/1/15 13:45	PJG
Aroclor-1232 [2]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/30/15	7/1/15 13:45	PJG
Aroclor-1242 [2]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/30/15	7/1/15 13:45	PJG
Aroclor-1248 [2]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/30/15	7/1/15 13:45	PJG
Aroclor-1254 [2]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/30/15	7/1/15 13:45	PJG
Aroclor-1260 [2]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/30/15	7/1/15 13:45	PJG
Aroclor-1262 [2]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/30/15	7/1/15 13:45	PJG
Aroclor-1268 [2]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/30/15	7/1/15 13:45	PJG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	80.9	30-150		7/1/15 13:45
Decachlorobiphenyl [2]	96.6	30-150		7/1/15 13:45
Tetrachloro-m-xylene [1]	83.2	30-150		7/1/15 13:45
Tetrachloro-m-xylene [2]	97.7	30-150		7/1/15 13:45

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Sample Extraction Data

Prep Method: SW-846 3540C-SW-846 8082A

Lab Number [Field ID]	Batch	Initial [Wipe]	Final [mL]	Date
15F1436-01 [RES-CW-031]	B125247	1.00	10.0	06/30/15
15F1436-02 [RES-CW-032]	B125247	1.00	10.0	06/30/15
15F1436-03 [RES-CW-033]	B125247	1.00	10.0	06/30/15

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QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B125247 - SW-846 3540C										
Blank (B125247-BLK1)				Prepared: 06/30/15 Analyzed: 07/01/15						
Aroclor-1016	ND	0.20	µg/Wipe							
Aroclor-1016 [2C]	ND	0.20	µg/Wipe							
Aroclor-1221	ND	0.20	µg/Wipe							V-05
Aroclor-1221 [2C]	ND	0.20	µg/Wipe							
Aroclor-1232	ND	0.20	µg/Wipe							
Aroclor-1232 [2C]	ND	0.20	µg/Wipe							
Aroclor-1242	ND	0.20	µg/Wipe							
Aroclor-1242 [2C]	ND	0.20	µg/Wipe							
Aroclor-1248	ND	0.20	µg/Wipe							
Aroclor-1248 [2C]	ND	0.20	µg/Wipe							
Aroclor-1254	ND	0.20	µg/Wipe							
Aroclor-1254 [2C]	ND	0.20	µg/Wipe							
Aroclor-1260	ND	0.20	µg/Wipe							
Aroclor-1260 [2C]	ND	0.20	µg/Wipe							
Aroclor-1262	ND	0.20	µg/Wipe							
Aroclor-1262 [2C]	ND	0.20	µg/Wipe							
Aroclor-1268	ND	0.20	µg/Wipe							V-05
Aroclor-1268 [2C]	ND	0.20	µg/Wipe							
Surrogate: Decachlorobiphenyl	*1.59*		µg/Wipe	2.00		79.6	30-150			
Surrogate: Decachlorobiphenyl [2C]	*1.89*		µg/Wipe	2.00		94.7	30-150			
Surrogate: Tetrachloro-m-xylene	*1.72*		µg/Wipe	2.00		85.9	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*2.01*		µg/Wipe	2.00		101	30-150			
LCS (B125247-BS1)				Prepared: 06/30/15 Analyzed: 07/01/15						
Aroclor-1016	0.59	0.20	µg/Wipe	0.500		118	40-140			
Aroclor-1016 [2C]	0.61	0.20	µg/Wipe	0.500		121	40-140			
Aroclor-1260	0.54	0.20	µg/Wipe	0.500		108	40-140			
Aroclor-1260 [2C]	0.55	0.20	µg/Wipe	0.500		111	40-140			
Surrogate: Decachlorobiphenyl	*1.60*		µg/Wipe	2.00		80.0	30-150			
Surrogate: Decachlorobiphenyl [2C]	*1.93*		µg/Wipe	2.00		96.6	30-150			
Surrogate: Tetrachloro-m-xylene	*1.72*		µg/Wipe	2.00		85.8	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*2.01*		µg/Wipe	2.00		100	30-150			
LCS Dup (B125247-BSD1)				Prepared: 06/30/15 Analyzed: 07/01/15						
Aroclor-1016	0.59	0.20	µg/Wipe	0.500		119	40-140	0.115	30	
Aroclor-1016 [2C]	0.64	0.20	µg/Wipe	0.500		127	40-140	4.63	30	
Aroclor-1260	0.52	0.20	µg/Wipe	0.500		104	40-140	4.30	30	
Aroclor-1260 [2C]	0.53	0.20	µg/Wipe	0.500		107	40-140	3.38	30	
Surrogate: Decachlorobiphenyl	*1.58*		µg/Wipe	2.00		78.9	30-150			
Surrogate: Decachlorobiphenyl [2C]	*1.90*		µg/Wipe	2.00		95.1	30-150			
Surrogate: Tetrachloro-m-xylene	*1.66*		µg/Wipe	2.00		83.1	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*1.95*		µg/Wipe	2.00		97.6	30-150			

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS

Lab Sample ID: B125247-BS1 Date(s) Analyzed: 07/01/2015 07/01/2015

Instrument ID (1): Instrument ID (2):

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1016	1	0.00	0.00	0.00	0.59	
	2	0.00	0.00	0.00	0.61	3
Aroclor-1260	1	0.00	0.00	0.00	0.54	
	2	0.00	0.00	0.00	0.55	2

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS Dup

Lab Sample ID: B125247-BSD1 Date(s) Analyzed: 07/01/2015 07/01/2015

Instrument ID (1): Instrument ID (2):

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1016	1	0.00	0.00	0.00	0.59	
	2	0.00	0.00	0.00	0.64	8
Aroclor-1260	1	0.00	0.00	0.00	0.52	
	2	0.00	0.00	0.00	0.53	2

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
V-05	Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the low side.

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications

No certified Analyses included in this Report

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC	100033	02/1/2016
MA	Massachusetts DEP	M-MA100	06/30/2016
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2015
NY	New York State Department of Health	10899 NELAP	04/1/2016
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2016
RI	Rhode Island Department of Health	LAO00112	12/30/2015
NC	North Carolina Div. of Water Quality	652	12/31/2015
NJ	New Jersey DEP	MA007 NELAP	09/30/2015
FL	Florida Department of Health	E871027 NELAP	06/30/2016
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2015
WA	State of Washington Department of Ecology	C2065	02/23/2016
ME	State of Maine	2011028	06/9/2017
VA	Commonwealth of Virginia	460217	12/14/2015
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2015

CHAIN OF CUSTODY RECORD

15F1430
Rev. 04.05.12

con-test® ANALYTICAL LABORATORY
Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com
www.contestlabs.com
39 Spruce Street
East longmeadow, MA 01028

Company Name: Woodard & Curran
Address: 1520 Highland Ave
Cheshire, CT 06410
Attention: George Franklin
Project Location: Kenneth Boroson Architects - Riverfield School
Sampled By: Greg Reynolds

Telephone: 866-702-6371
Project #: 226361
Client PO#:

DATA DELIVERY (check all that apply)
○ FAX ◉ EMAIL ○ WEBSITE
Fax #:
Email: gfranklin@woodardcurran.com
Format: ○ PDF ○ EXCEL ○ GIS ○ OTHER ○ "Enhanced Data Package"

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	PCBs by Soxhlet	HOLD	# of Containers	** Preservation	***Container Code
01	RES-CW-031	6/29/2015	840		x	o	U	✓		1	o	G
02	RES-CW-032	6/29/2015	850		x	o	U	✓		1	o	G
03	RES-CW-033	6/29/2015	900		x	o	U	✓		1	o	G

ANALYSIS REQUESTED

Dissolved Metals
○ Field Filtered
○ Lab to Filter

***Cont. Code:**
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

**Preservation
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other Hexane

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other WIPE

Comments:
1. PCBs by Soxhlet 2. Reporting limit ≤ 1 ug hexane wipe. 3. 48 hr TAT requested

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time:
	6-29-15 16:20
Received by: (signature)	Date/Time:
Paul Rocco	6-29-15 16:20
Relinquished by: (signature)	Date/Time:
Paul Rocco	6-29-15 17:50
Received by: (signature) 4.2	Date/Time:
	6/29/15 1750

Turnaround ††
☐ 7-Day
☐ 10-Day
☐ Other 5 Day
RUSH †
☐ †24-Hr ◉ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts:
Connecticut:
Other: ≤ 1 ug/kg

Is your project MCP or RCP ?
○ MCP Form Required
○ RCP Form Required
○ MA State DW Form Required PWSID # _____

NELAC & AIHA-LAP, LLC Accredited
WBE/DBE Certified

TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

Table of Contents

39 Spruce St.
East Longmeadow, MA. 01028
P: 413-525-2332
F: 413-525-6405
www.contestlabs.com

con-test ANALYTICAL LABORATORY

Sample Receipt Checklist

CLIENT NAME: Woodard and Curran **RECEIVED BY:** JDL **DATE:** 6/29/15

1) Was the chain(s) of custody relinquished and signed? (Yes) No **No CoC Included**

2) Does the chain agree with the samples? (Yes) No

If not, explain:

3) Are all the samples in good condition? (Yes) No

If not, explain:

4) How were the samples received:

On Ice ☒ Direct from Sampling ☐ Ambient ☐ In Cooler(s) ☒

Were the samples received in Temperature Compliance of (2-6°C)? (Yes) No N/A

Temperature °C by Temp blank _____ Temperature °C by Temp gun 4.2

5) Are there Dissolved samples for the lab to filter? Yes (No)

Who was notified _____ Date _____ Time _____

6) Are there any RUSH or SHORT HOLDING TIME samples? (Yes) No

Who was notified _____ Date _____ Time _____

7) Location where samples are stored: 19

Permission to subcontract samples? Yes No
(Walk-in clients only) if not already approved
Client Signature: _____

8) Do all samples have the proper Acid pH: Yes No (N/A) _____

9) Do all samples have the proper Base pH: Yes No (N/A) _____

10) Was the PC notified of any discrepancies with the CoC vs the samples: Yes No (N/A)

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz amber/clear jar	
500 mL Amber		4 oz amber/clear jar	3
250 mL Amber (8oz amber)		2 oz amber/clear jar	
1 Liter Plastic		Plastic Bag / Ziploc	
500 mL Plastic		SOC Kit	
250 mL plastic		Non-ConTest Container	
40 mL Vial - type listed below		Perchlorate Kit	
Colisure / bacteria bottle		Flashpoint bottle	
Dissolved Oxygen bottle		Other glass jar	
Encore		Other	

Laboratory Comments:

40 mL vials: # HCl _____ # Methanol _____
Bisulfate _____ # DI Water _____
Thiosulfate _____ Unpreserved _____

Time and Date Frozen:

Login Sample Receipt Checklist

(Rejection Criteria Listing - Using Sample Acceptance Policy)

Any False statement will be brought to the attention of Client

Question	Answer (True/False) T/F/NA	Comment
1) The cooler's custody seal, if present, is intact.	NA	
2) The cooler or samples do not appear to have been compromised or tampered with.	T	
3) Samples were received on ice.	T	
4) Cooler Temperature is acceptable.	T	
5) Cooler Temperature is recorded.	T	
6) COC is filled out in ink and legible.	T	
7) COC is filled out with all pertinent information.	T	
8) Field Sampler's name present on COC.	T	
9) There are no discrepancies between the sample IDs on the container and the COC.	T	
10) Samples are received within Holding Time.	T	
11) Sample containers have legible labels.	T	
12) Containers are not broken or leaking.	T	
13) Air Cassettes are not broken/open.	NA	
14) Sample collection date/times are provided.	T	
15) Appropriate sample containers are used.	T	
16) Proper collection media used.	T	
17) No headspace sample bottles are completely filled.	T	
18) There is sufficient volume for all requsted analyses, including any requested MS/MSDs.	T	
19) Trip blanks provided if applicable.	NA	
20) VOA sample vials do not have head space or bubble is <6mm (1/4") in diameter.	NA	
21) Samples do not require splitting or compositing.	T	

Who notified of False statements?

Log-In Technician Initials: CDL

Date/Time:

Date/Time: 6/29/15 1750

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

July 6, 2015

George Franklin
Woodard & Curran - CT
1520 Highland Avenue
Cheshire, CT 06410

Project Location: Kenneth Boroson Architects- Riverfield School
Client Job Number:
Project Number: 226361
Laboratory Work Order Number: 15G0028

Enclosed are results of analyses for samples received by the laboratory on July 1, 2015. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Lisa A. Worthington
Project Manager

Table of Contents

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Woodard & Curran - CT
1520 Highland Avenue
Cheshire, CT 06410
ATTN: George Franklin

REPORT DATE: 7/6/2015

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 226361

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 15G0028

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Kenneth Boroson Architects- Riverfield School

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
RES-CBC-038	15G0028-01	Product/Solid		SW-846 8082A	
RES-CBC-039	15G0028-02	Product/Solid		SW-846 8082A	

con-test® ANALYTICAL LABORATORY
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CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Tod E. Kopyscinski
Laboratory Director

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Kenneth Boroson Architects- Rive Sample Description: Work Order: 15G0028

Date Received: 7/1/2015

Field Sample #: RES-CBC-038 Sampled: 6/30/2015 14:30

Sample ID: 15G0028-01

Sample Matrix: Product/Solid

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	7/1/15	7/3/15 12:39	PJG
Aroclor-1221 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	7/1/15	7/3/15 12:39	PJG
Aroclor-1232 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	7/1/15	7/3/15 12:39	PJG
Aroclor-1242 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	7/1/15	7/3/15 12:39	PJG
Aroclor-1248 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	7/1/15	7/3/15 12:39	PJG
Aroclor-1254 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	7/1/15	7/3/15 12:39	PJG
Aroclor-1260 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	7/1/15	7/3/15 12:39	PJG
Aroclor-1262 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	7/1/15	7/3/15 12:39	PJG
Aroclor-1268 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	7/1/15	7/3/15 12:39	PJG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	98.7	30-150		7/3/15 12:39
Decachlorobiphenyl [2]	108	30-150		7/3/15 12:39
Tetrachloro-m-xylene [1]	95.4	30-150		7/3/15 12:39
Tetrachloro-m-xylene [2]	100	30-150		7/3/15 12:39

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Project Location: Kenneth Boroson Architects- Rive Sample Description: Work Order: 15G0028

Date Received: 7/1/2015

Field Sample #: RES-CBC-039 Sampled: 6/30/2015 14:45

Sample ID: 15G0028-02

Sample Matrix: Product/Solid

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	7/1/15	7/3/15 12:56	PJG
Aroclor-1221 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	7/1/15	7/3/15 12:56	PJG
Aroclor-1232 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	7/1/15	7/3/15 12:56	PJG
Aroclor-1242 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	7/1/15	7/3/15 12:56	PJG
Aroclor-1248 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	7/1/15	7/3/15 12:56	PJG
Aroclor-1254 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	7/1/15	7/3/15 12:56	PJG
Aroclor-1260 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	7/1/15	7/3/15 12:56	PJG
Aroclor-1262 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	7/1/15	7/3/15 12:56	PJG
Aroclor-1268 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	7/1/15	7/3/15 12:56	PJG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	88.8	30-150		7/3/15 12:56
Decachlorobiphenyl [2]	95.4	30-150		7/3/15 12:56
Tetrachloro-m-xylene [1]	84.4	30-150		7/3/15 12:56
Tetrachloro-m-xylene [2]	89.9	30-150		7/3/15 12:56

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Sample Extraction Data

Prep Method: SW-846 3540C-SW-846 8082A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
15G0028-01 [RES-CBC-038]	B125372	2.04	10.0	07/01/15
15G0028-02 [RES-CBC-039]	B125372	2.03	10.0	07/01/15

con-test® ANALYTICAL LABORATORY

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QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B125372 - SW-846 3540C										
Blank (B125372-BLK1)				Prepared: 07/01/15 Analyzed: 07/03/15						
Aroclor-1016	ND	0.095	mg/Kg							
Aroclor-1016 [2C]	ND	0.095	mg/Kg							
Aroclor-1221	ND	0.095	mg/Kg							
Aroclor-1221 [2C]	ND	0.095	mg/Kg							
Aroclor-1232	ND	0.095	mg/Kg							
Aroclor-1232 [2C]	ND	0.095	mg/Kg							
Aroclor-1242	ND	0.095	mg/Kg							
Aroclor-1242 [2C]	ND	0.095	mg/Kg							
Aroclor-1248	ND	0.095	mg/Kg							
Aroclor-1248 [2C]	ND	0.095	mg/Kg							
Aroclor-1254	ND	0.095	mg/Kg							
Aroclor-1254 [2C]	ND	0.095	mg/Kg							
Aroclor-1260	ND	0.095	mg/Kg							
Aroclor-1260 [2C]	ND	0.095	mg/Kg							
Aroclor-1262	ND	0.095	mg/Kg							
Aroclor-1262 [2C]	ND	0.095	mg/Kg							
Aroclor-1268	ND	0.095	mg/Kg							
Aroclor-1268 [2C]	ND	0.095	mg/Kg							
Surrogate: Decachlorobiphenyl	*0.846*		mg/Kg	0.952		88.9	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.917*		mg/Kg	0.952		96.3	30-150			
Surrogate: Tetrachloro-m-xylene	*0.783*		mg/Kg	0.952		82.2	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.835*		mg/Kg	0.952		87.6	30-150			
LCS (B125372-BS1)				Prepared: 07/01/15 Analyzed: 07/03/15						
Aroclor-1016	0.22	0.094	mg/Kg	0.235		91.6	40-140			
Aroclor-1016 [2C]	0.21	0.094	mg/Kg	0.235		91.2	40-140			
Aroclor-1260	0.22	0.094	mg/Kg	0.235		92.1	40-140			
Aroclor-1260 [2C]	0.21	0.094	mg/Kg	0.235		88.9	40-140			
Surrogate: Decachlorobiphenyl	*0.753*		mg/Kg	0.939		80.1	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.819*		mg/Kg	0.939		87.3	30-150			
Surrogate: Tetrachloro-m-xylene	*0.717*		mg/Kg	0.939		76.4	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.761*		mg/Kg	0.939		81.0	30-150			
LCS Dup (B125372-BSD1)				Prepared: 07/01/15 Analyzed: 07/03/15						
Aroclor-1016	0.27	0.099	mg/Kg	0.246		110	40-140	22.6	30	
Aroclor-1016 [2C]	0.24	0.099	mg/Kg	0.246		98.6	40-140	12.6	30	
Aroclor-1260	0.26	0.099	mg/Kg	0.246		105	40-140	18.1	30	
Aroclor-1260 [2C]	0.25	0.099	mg/Kg	0.246		103	40-140	19.4	30	
Surrogate: Decachlorobiphenyl	*0.932*		mg/Kg	0.985		94.6	30-150			
Surrogate: Decachlorobiphenyl [2C]	*1.01*		mg/Kg	0.985		103	30-150			
Surrogate: Tetrachloro-m-xylene	*0.899*		mg/Kg	0.985		91.3	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.953*		mg/Kg	0.985		96.8	30-150			

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS

Lab Sample ID: B125372-BS1 Date(s) Analyzed: 07/03/2015 07/03/2015

Instrument ID (1): Instrument ID (2):

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1016	1	0.00	0.00	0.00	0.22	
	2	0.00	0.00	0.00	0.21	2
Aroclor-1260	1	0.00	0.00	0.00	0.22	
	2	0.00	0.00	0.00	0.21	3

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS Dup

Lab Sample ID: B125372-BSD1 Date(s) Analyzed: 07/03/2015 07/03/2015

Instrument ID (1): Instrument ID (2):

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1016	1	0.00	0.00	0.00	0.27	
	2	0.00	0.00	0.00	0.24	12
Aroclor-1260	1	0.00	0.00	0.00	0.26	
	2	0.00	0.00	0.00	0.25	4

con-test® ANALYTICAL LABORATORY
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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level

Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.

No results have been blank subtracted unless specified in the case narrative section.

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8082A in Product/Solid	
Aroclor-1016	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1016 [2C]	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1221	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1221 [2C]	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1232	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1232 [2C]	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1242	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1242 [2C]	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1248	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1248 [2C]	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1254	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1254 [2C]	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1260	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1260 [2C]	CT,NH,NY,ME,NC,VA,NJ

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC	100033	02/1/2016
MA	Massachusetts DEP	M-MA100	06/30/2016
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2015
NY	New York State Department of Health	10899 NELAP	04/1/2016
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2016
RI	Rhode Island Department of Health	LAO00112	12/30/2015
NC	North Carolina Div. of Water Quality	652	12/31/2015
NJ	New Jersey DEP	MA007 NELAP	09/30/2015
FL	Florida Department of Health	E871027 NELAP	06/30/2016
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2015
WA	State of Washington Department of Ecology	C2065	02/23/2016
ME	State of Maine	2011028	06/9/2017
VA	Commonwealth of Virginia	460217	12/14/2015
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2015

CHAIN OF CUSTODY RECORD

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1560028
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Company Name: Woodard & Curran
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Telephone: 866-702-6371
Project # 226361
Client PO#

DATA DELIVERY (check all that apply)
○ FAX ◉ EMAIL ○ WEBSITE
Fax #
Email: gfranklin@woodardcurran.com
Format: ○ PDF ○ EXCEL ○ GIS
○ OTHER
○ "Enhanced Data Package"

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	# of Containers	** Preservation	***Container Code	PCBs by Soxhlet	HOLD
01	RES-CBC-038	6/30/2015	1430		X	S	U	1	I	G	✓	
02	RES-CBB-039	6/30/2015	1445		X	S	U	1	I	G	✓	

ANALYSIS REQUESTED

Dissolved Metals
○ Field Filtered
○ Lab to Filter

*****Cont. Code:**
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

****Preservation**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other Hexane

***Matrix Code:**
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other

Comments:
1. PCBs by Soxhlet 2. Reporting limit ≤ 1 ug/kg. 3. 48 hr TAT requested

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time:
Received by: (signature) Tom Mauri	7/1/15 1000
Relinquished by: (signature) Tom Mauri	7/1/15 1630
Received by: (signature) 5.6°	7/1/15 16:30

Turnaround ††
☐ 7-Day
☐ 10-Day
☐ Other 5 Day
RUSH †
☐ †24-Hr ◼ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts:
Connecticut:
Other: ≤ 1 ug/kg

Is your project MCP or RCP ?
○ MCP Form Required
○ RCP Form Required
○ MA State DW Form Required PWSID # _____

AIHA LAP, LLC ACCREDITED LABORATORY
nelac
NELAC & AIHA-LAP, LLC Accredited
WBE/DBE Certified

†† TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

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39 Spruce St.
East Longmeadow, MA. 01028
P: 413-525-2332
F: 413-525-6405
www.contestlabs.com

con-test ANALYTICAL LABORATORY

Sample Receipt Checklist

CLIENT NAME: Woodard & Curran **RECEIVED BY:** KB **DATE:** 7/1/15

1) **Was the chain(s) of custody relinquished and signed?** (Yes) No **No CoC Included**
2) **Does the chain agree with the samples?** (Yes) No
   If not, explain:
3) **Are all the samples in good condition?** (Yes) No
   If not, explain:
4) **How were the samples received:**

On Ice ☑ Direct from Sampling ☐ Ambient ☐ In Cooler(s) ☑

Were the samples received in Temperature Compliance of (2-6°C)? (Yes) No N/A

Temperature °C by Temp blank _____ Temperature °C by Temp gun 5.6°

5) **Are there Dissolved samples for the lab to filter?** Yes (No)
   Who was notified _____ Date _____ Time _____
6) **Are there any (RUSH) or SHORT HOLDING TIME samples?** (Yes) No
   Who was notified _____ Date _____ Time _____
7) **Location where samples are stored:** /

Permission to subcontract samples? Yes No
(Walk-in clients only) if not already approved
Client Signature: _____

8) **Do all samples have the proper Acid pH:** Yes No (N/A) _____
9) **Do all samples have the proper Base pH:** Yes No (N/A) _____
10) **Was the PC notified of any discrepancies with the CoC vs the samples:** Yes No (N/A)

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz amber/clear jar	1
500 mL Amber		4 oz amber/clear jar	1
250 mL Amber (8oz amber)		2 oz amber/clear jar	
1 Liter Plastic		Plastic Bag / Ziploc	
500 mL Plastic		SOC Kit	
250 mL plastic		Non-ConTest Container	
40 mL Vial - type listed below		Perchlorate Kit	
Colisure / bacteria bottle		Flashpoint bottle	
Dissolved Oxygen bottle		Other glass jar	
Encore		Other	

Laboratory Comments:

40 mL vials: # HCl _____ # Methanol _____
Bisulfate _____ # DI Water _____
Thiosulfate _____ Unpreserved _____

Time and Date Frozen:

Login Sample Receipt Checklist

(Rejection Criteria Listing - Using Sample Acceptance Policy)

Any False statement will be brought to the attention of Client

Question	Answer (True/False) T/F/NA	Comment
1) The cooler's custody seal, if present, is intact.	NA	
2) The cooler or samples do not appear to have been compromised or tampered with.	T	
3) Samples were received on ice.	T	
4) Cooler Temperature is acceptable.	T	
5) Cooler Temperature is recorded.	T	
6) COC is filled out in ink and legible.	T	
7) COC is filled out with all pertinent information.	T	
8) Field Sampler's name present on COC.	T	
9) There are no discrepancies between the sample IDs on the container and the COC.	T	
10) Samples are received within Holding Time.	T	
11) Sample containers have legible labels.	T	
12) Containers are not broken or leaking.	T	
13) Air Cassettes are not broken/open.	NA	
14) Sample collection date/times are provided.	T	
15) Appropriate sample containers are used.	T	
16) Proper collection media used.	T	
17) No headspace sample bottles are completely filled.	F	
18) There is sufficient volume for all requsted analyses, including any requested MS/MSDs.	T	
19) Trip blanks provided if applicable.	NA	
20) VOA sample vials do not have head space or bubble is <6mm (1/4") in diameter.	NA	
21) Samples do not require splitting or compositing.	T	

Who notified of False statements? **Date/Time:** 7/1/15

Doc #277 Rev. 4 August 2013 **Log-In Technician Initials:** KB **Date/Time:** 16:30

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

July 10, 2015

George Franklin
Woodard & Curran - CT
1520 Highland Avenue
Cheshire, CT 06410

Project Location: Kenneth Boroson Architects - Riverfield School
Client Job Number:
Project Number: 226361
Laboratory Work Order Number: 15G0312

Enclosed are results of analyses for samples received by the laboratory on July 8, 2015. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Lisa A. Worthington
Project Manager

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Woodard & Curran - CT
1520 Highland Avenue
Cheshire, CT 06410
ATTN: George Franklin

REPORT DATE: 7/10/2015

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 226361

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 15G0312

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Kenneth Boroson Architects - Riverfield School

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
RES-CBC-043	15G0312-01	Product/Solid		SW-846 8082A	
RES-CBB-044	15G0312-02	Product/Solid		SW-846 8082A	

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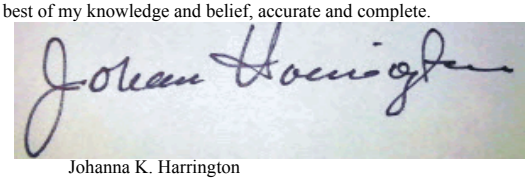
CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Johanna K. Harrington
Manager, Laboratory Reporting

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Kenneth Boroson Architects - Riv Sample Description: Work Order: 15G0312

Date Received: 7/8/2015

Field Sample #: RES-CBC-043 Sampled: 7/7/2015 11:45

Sample ID: 15G0312-01

Sample Matrix: Product/Solid

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	7/9/15	7/10/15 11:42	KAL
Aroclor-1221 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	7/9/15	7/10/15 11:42	KAL
Aroclor-1232 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	7/9/15	7/10/15 11:42	KAL
Aroclor-1242 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	7/9/15	7/10/15 11:42	KAL
Aroclor-1248 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	7/9/15	7/10/15 11:42	KAL
Aroclor-1254 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	7/9/15	7/10/15 11:42	KAL
Aroclor-1260 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	7/9/15	7/10/15 11:42	KAL
Aroclor-1262 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	7/9/15	7/10/15 11:42	KAL
Aroclor-1268 [2]	ND	0.10	mg/Kg	1		SW-846 8082A	7/9/15	7/10/15 11:42	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	92.4	30-150		7/10/15 11:42
Decachlorobiphenyl [2]	94.8	30-150		7/10/15 11:42
Tetrachloro-m-xylene [1]	95.1	30-150		7/10/15 11:42
Tetrachloro-m-xylene [2]	93.3	30-150		7/10/15 11:42

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Kenneth Boroson Architects - Riv Sample Description: Work Order: 15G0312

Date Received: 7/8/2015

Field Sample #: RES-CBB-044 Sampled: 7/7/2015 12:00

Sample ID: 15G0312-02

Sample Matrix: Product/Solid

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	7/9/15	7/10/15 11:55	KAL
Aroclor-1221 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	7/9/15	7/10/15 11:55	KAL
Aroclor-1232 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	7/9/15	7/10/15 11:55	KAL
Aroclor-1242 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	7/9/15	7/10/15 11:55	KAL
Aroclor-1248 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	7/9/15	7/10/15 11:55	KAL
Aroclor-1254 [2]	0.12	0.10	mg/Kg	1		SW-846 8082A	7/9/15	7/10/15 11:55	KAL
Aroclor-1260 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	7/9/15	7/10/15 11:55	KAL
Aroclor-1262 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	7/9/15	7/10/15 11:55	KAL
Aroclor-1268 [2]	ND	0.10	mg/Kg	1		SW-846 8082A	7/9/15	7/10/15 11:55	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	90.0	30-150		7/10/15 11:55
Decachlorobiphenyl [2]	93.7	30-150		7/10/15 11:55
Tetrachloro-m-xylene [1]	92.3	30-150		7/10/15 11:55
Tetrachloro-m-xylene [2]	92.0	30-150		7/10/15 11:55

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Sample Extraction Data

Prep Method: SW-846 3540C-SW-846 8082A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
15G0312-01 [RES-CBC-043]	B125816	2.00	10.0	07/09/15
15G0312-02 [RES-CBB-044]	B125816	2.00	10.0	07/09/15

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QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B125816 - SW-846 3540C										
Blank (B125816-BLK1)				Prepared: 07/09/15 Analyzed: 07/10/15						
Aroclor-1016	ND	0.10	mg/Kg							
Aroclor-1016 [2C]	ND	0.10	mg/Kg							
Aroclor-1221	ND	0.10	mg/Kg							
Aroclor-1221 [2C]	ND	0.10	mg/Kg							
Aroclor-1232	ND	0.10	mg/Kg							
Aroclor-1232 [2C]	ND	0.10	mg/Kg							
Aroclor-1242	ND	0.10	mg/Kg							
Aroclor-1242 [2C]	ND	0.10	mg/Kg							
Aroclor-1248	ND	0.10	mg/Kg							
Aroclor-1248 [2C]	ND	0.10	mg/Kg							
Aroclor-1254	ND	0.10	mg/Kg							
Aroclor-1254 [2C]	ND	0.10	mg/Kg							
Aroclor-1260	ND	0.10	mg/Kg							
Aroclor-1260 [2C]	ND	0.10	mg/Kg							
Aroclor-1262	ND	0.10	mg/Kg							
Aroclor-1262 [2C]	ND	0.10	mg/Kg							
Aroclor-1268	ND	0.10	mg/Kg							
Aroclor-1268 [2C]	ND	0.10	mg/Kg							
Surrogate: Decachlorobiphenyl	*0.935*		mg/Kg	1.00		93.5	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.942*		mg/Kg	1.00		94.2	30-150			
Surrogate: Tetrachloro-m-xylene	*1.00*		mg/Kg	1.00		100	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.990*		mg/Kg	1.00		99.0	30-150			
LCS (B125816-BS1)				Prepared: 07/09/15 Analyzed: 07/10/15						
Aroclor-1016	0.25	0.10	mg/Kg	0.250		99.3	40-140			
Aroclor-1016 [2C]	0.29	0.10	mg/Kg	0.250		116	40-140			
Aroclor-1260	0.26	0.10	mg/Kg	0.250		103	40-140			
Aroclor-1260 [2C]	0.28	0.10	mg/Kg	0.250		112	40-140			
Surrogate: Decachlorobiphenyl	*0.877*		mg/Kg	1.00		87.7	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.894*		mg/Kg	1.00		89.4	30-150			
Surrogate: Tetrachloro-m-xylene	*0.908*		mg/Kg	1.00		90.8	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.893*		mg/Kg	1.00		89.3	30-150			
LCS Dup (B125816-BSD1)				Prepared: 07/09/15 Analyzed: 07/10/15						
Aroclor-1016	0.26	0.10	mg/Kg	0.250		105	40-140	5.74	30	
Aroclor-1016 [2C]	0.30	0.10	mg/Kg	0.250		120	40-140	2.64	30	
Aroclor-1260	0.27	0.10	mg/Kg	0.250		108	40-140	5.48	30	
Aroclor-1260 [2C]	0.29	0.10	mg/Kg	0.250		117	40-140	4.26	30	
Surrogate: Decachlorobiphenyl	*0.906*		mg/Kg	1.00		90.6	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.923*		mg/Kg	1.00		92.3	30-150			
Surrogate: Tetrachloro-m-xylene	*0.977*		mg/Kg	1.00		97.7	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.958*		mg/Kg	1.00		95.8	30-150			

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QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B125816 - SW-846 3540C										
Matrix Spike (B125816-MS1)	**Source: 15G0312-01**			Prepared: 07/09/15 Analyzed: 07/10/15						
Aroclor-1016	0.28	0.10	mg/Kg	0.250	ND	110	40-140			
Aroclor-1016 [2C]	0.34	0.10	mg/Kg	0.250	ND	136	40-140			
Aroclor-1260	0.26	0.10	mg/Kg	0.250	ND	106	40-140			
Aroclor-1260 [2C]	0.30	0.10	mg/Kg	0.250	ND	119	40-140			
Surrogate: Decachlorobiphenyl	*0.894*		mg/Kg	1.00		89.4	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.934*		mg/Kg	1.00		93.4	30-150			
Surrogate: Tetrachloro-m-xylene	*0.940*		mg/Kg	1.00		94.0	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.931*		mg/Kg	1.00		93.1	30-150			
Matrix Spike Dup (B125816-MSD1)	**Source: 15G0312-01**			Prepared: 07/09/15 Analyzed: 07/10/15						
Aroclor-1016	0.28	0.10	mg/Kg	0.250	ND	112	40-140	1.79	50	
Aroclor-1016 [2C]	0.33	0.10	mg/Kg	0.250	ND	132	40-140	2.51	50	
Aroclor-1260	0.25	0.10	mg/Kg	0.250	ND	101	40-140	4.65	50	
Aroclor-1260 [2C]	0.29	0.10	mg/Kg	0.250	ND	114	40-140	3.77	50	
Surrogate: Decachlorobiphenyl	*0.854*		mg/Kg	1.00		85.4	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.898*		mg/Kg	1.00		89.8	30-150			
Surrogate: Tetrachloro-m-xylene	*0.895*		mg/Kg	1.00		89.5	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.893*		mg/Kg	1.00		89.3	30-150			

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS

Lab Sample ID: B125816-BS1 Date(s) Analyzed: 07/10/2015 07/10/2015

Instrument ID (1): Instrument ID (2):

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1016	1	0.00	0.00	0.00	0.25	
	2	0.00	0.00	0.00	0.29	16
Aroclor-1260	1	0.00	0.00	0.00	0.26	
	2	0.00	0.00	0.00	0.28	9

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS Dup

Lab Sample ID: B125816-BSD1 Date(s) Analyzed: 07/10/2015 07/10/2015

Instrument ID (1): Instrument ID (2):

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1016	1	0.00	0.00	0.00	0.26	
	2	0.00	0.00	0.00	0.30	13
Aroclor-1260	1	0.00	0.00	0.00	0.27	
	2	0.00	0.00	0.00	0.29	7

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

Matrix Spike

Lab Sample ID: B125816-MS1 Date(s) Analyzed: 07/10/2015 07/10/2015

Instrument ID (1): Instrument ID (2):

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1016	1	0.00	0.00	0.00	0.28	
	2	0.00	0.00	0.00	0.34	21
Aroclor-1260	1	0.00	0.00	0.00	0.26	
	2	0.00	0.00	0.00	0.30	13

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

Matrix Spike Dup

Lab Sample ID: B125816-MSD1 Date(s) Analyzed: 07/10/2015 07/10/2015

Instrument ID (1): Instrument ID (2):

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1016	1	0.00	0.00	0.00	0.28	
	2	0.00	0.00	0.00	0.33	16
Aroclor-1260	1	0.00	0.00	0.00	0.25	
	2	0.00	0.00	0.00	0.29	14

con-test® ANALYTICAL LABORATORY
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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level

Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.

No results have been blank subtracted unless specified in the case narrative section.

con-test® ANALYTICAL LABORATORY
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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8082A in Product/Solid	
Aroclor-1016	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1016 [2C]	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1221	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1221 [2C]	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1232	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1232 [2C]	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1242	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1242 [2C]	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1248	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1248 [2C]	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1254	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1254 [2C]	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1260	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1260 [2C]	CT,NH,NY,ME,NC,VA,NJ

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC	100033	02/1/2016
MA	Massachusetts DEP	M-MA100	06/30/2016
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2015
NY	New York State Department of Health	10899 NELAP	04/1/2016
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2016
RI	Rhode Island Department of Health	LAO00112	12/30/2015
NC	North Carolina Div. of Water Quality	652	12/31/2015
NJ	New Jersey DEP	MA007 NELAP	09/30/2015
FL	Florida Department of Health	E871027 NELAP	06/30/2016
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2015
WA	State of Washington Department of Ecology	C2065	02/23/2016
ME	State of Maine	2011028	06/9/2017
VA	Commonwealth of Virginia	460217	12/14/2015
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2015

CHAIN OF CUSTODY RECORD

con-test® ANALYTICAL LABORATORY
Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com
www.contestlabs.com
39 Spruce Street
East longmeadow, MA 01028

1560312

Rev 04.05.12

Company Name: Woodard & Curran
Address: 1520 Highland Ave
Cheshire, CT 06410
Attention: George Franklin
Project Location: Kenneth Boroson Architects - Riverfield School
Sampled By: Greg Reynolds

Telephone: 866-702-6371
Project # 226361
Client PO#

DATA DELIVERY (check all that apply)
○ FAX ◉ EMAIL ○ WEBSITE
Fax # jhamel@woodardcurran.com
Email: gfranklin@woodardcurran.com
Format: ○ PDF ○ EXCEL ○ GIS
○ OTHER
○ "Enhanced Data Package"

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	PCBs by Soxhlet	HOLD	# of Containers	** Preservation	***Container Code
01	RES-CBC-043	7/7/2015	1145		x	s	U	✓		1	I	G
02	RES-CBB-044	7/7/2015	1200		x	s	U	✓		1	I	G

ANALYSIS REQUESTED

Dissolved Metals
○ Field Filtered
○ Lab to Filter

***Cont. Code:**
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

**Preservation
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other Hexane

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other

Comments:
1. PCBs by Soxhlet 2. Reporting limit ≤ 1 ug/kg. 3. 48 hr TAT requested

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:

Turnaround ††
☐ 7-Day
☐ 10-Day
☐ Other 5 Day
RUSH †
☐ †24-Hr ◉ †48-Hr
☐ †72-Hr ☐ †4-Day
† **Require lab approval**

Detection Limit Requirements
Massachusetts:
Connecticut:
Other: ≤ 1 ug/kg

Is your project MCP or RCP ?
○ MCP Form Required
○ RCP Form Required
○ MA State DW Form Required PWSID # _____

NELAC & AIHA-LAP, LLC Accredited
WBE/DBE Certified

TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

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39 Spruce St.
East Longmeadow, MA. 01028
P: 413-525-2332
F: 413-525-6405
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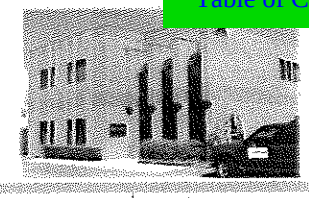
con-test® ANALYTICAL LABORATORY



Sample Receipt Checklist

CLIENT NAME: Woodard & Curran **RECEIVED BY:** RLF **DATE:** 7/8/15

1) **Was the chain(s) of custody relinquished and signed?** (Yes) No No CoC Included

2) **Does the chain agree with the samples?** (Yes) No

If not, explain:

3) **Are all the samples in good condition?** (Yes) No

If not, explain:

4) **How were the samples received:**

On Ice ☑ Direct from Sampling ☐ Ambient ☐ In Cooler(s) ☑

Were the samples received in Temperature Compliance of (2-6°C)? (Yes) No N/A

Temperature °C by Temp blank _____ Temperature °C by Temp gun 5.9°C

5) **Are there Dissolved samples for the lab to filter?** Yes (No)

Who was notified _____ Date _____ Time _____

6) **Are there any RUSH or SHORT HOLDING TIME samples?** (Yes) No

Who was notified _____ Date _____ Time _____

7) **Location where samples are stored:** [ ]

Permission to subcontract samples? Yes No
(Walk-in clients only) if not already approved
Client Signature: _____

8) **Do all samples have the proper Acid pH:** Yes No (N/A) _____

9) **Do all samples have the proper Base pH:** Yes No (N/A) _____

10) **Was the PC notified of any discrepancies with the CoC vs the samples:** Yes No (N/A)

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz amber/clear jar	
500 mL Amber		4 oz amber/clear jar	2
250 mL Amber (8oz amber)		2 oz amber/clear jar	
1 Liter Plastic		Plastic Bag / Ziploc	
500 mL Plastic		SOC Kit	
250 mL plastic		Non-ConTest Container	
40 mL Vial - type listed below		Perchlorate Kit	
Colisure / bacteria bottle		Flashpoint bottle	
Dissolved Oxygen bottle		Other glass jar	
Encore		Other	

Laboratory Comments:

40 mL vials: # HCl _____ # Methanol _____
Bisulfate _____ # DI Water _____
Thiosulfate _____ Unpreserved _____

Time and Date Frozen:

Login Sample Receipt Checklist

(Rejection Criteria Listing - Using Sample Acceptance Policy)

Any False statement will be brought to the attention of Client

Question	Answer (True/False) T/F/NA	Comment
1) The cooler's custody seal, if present, is intact.	T	
2) The cooler or samples do not appear to have been compromised or tampered with.	T	
3) Samples were received on ice.	T	
4) Cooler Temperature is acceptable.	T	
5) Cooler Temperature is recorded.	T	
6) COC is filled out in ink and legible.	T	
7) COC is filled out with all pertinent information.	T	
8) Field Sampler's name present on COC.	T	
9) There are no discrepancies between the sample IDs on the container and the COC.	T	
10) Samples are received within Holding Time.	T	
11) Sample containers have legible labels.	T	
12) Containers are not broken or leaking.	T	
13) Air Cassettes are not broken/open.	NA	
14) Sample collection date/times are provided.	T	
15) Appropriate sample containers are used.	T	
16) Proper collection media used.	T	
17) No headspace sample bottles are completely filled.	T	
18) There is sufficient volume for all requsted analyses, including any requested MS/MSDs.	T	
19) Trip blanks provided if applicable.	NA	
20) VOA sample vials do not have head space or bubble is <6mm (1/4") in diameter.	NA	
21) Samples do not require splitting or compositing.	T	

Who notified of False statements? **Date/Time:**

Doc #277 Rev. 4 August 2013 **Log-In Technician Initials:** **Date/Time:**

RLF 7/8/15 1740

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

July 8, 2015

George Franklin
Woodard & Curran - CT
1520 Highland Avenue
Cheshire, CT 06410

Project Location: Kenneth Boroson Architects - Riverfield School
Client Job Number:
Project Number: 226361
Laboratory Work Order Number: 15G0106

Enclosed are results of analyses for samples received by the laboratory on July 2, 2015. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Lisa A. Worthington
Project Manager

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Woodard & Curran - CT
1520 Highland Avenue
Cheshire, CT 06410
ATTN: George Franklin

REPORT DATE: 7/8/2015

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 226361

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 15G0106

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Kenneth Boroson Architects - Riverfield School

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
RES-CBC-040	15G0106-01	Product/Solid		SW-846 8082A	
RES-CBB-041	15G0106-02	Product/Solid		SW-846 8082A	
RES-CBB-042	15G0106-03	Product/Solid		SW-846 8082A	

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CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

SW-846 8082A

Qualifications:

MS-24

Either matrix spike or matrix spike duplicate is outside of control limits, but the other is within limits. Analysis is in control based on laboratory fortified blank recovery.

Analyte & Samples(s) Qualified:

Aroclor-1016
B125538-MSD1

Aroclor-1260
B125538-MSD1

R-06

Matrix spike duplicate RPD is outside of control limits. Reduced precision is anticipated for reported result for this compound in this sample.

Analyte & Samples(s) Qualified:

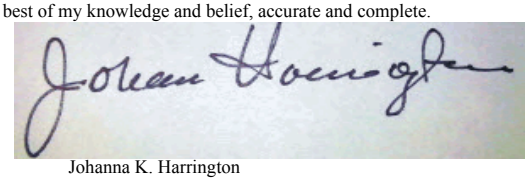
Aroclor-1016
15G0106-01[RES-CBC-040], B125538-MS1, B125538-MSD1

Aroclor-1016 [2C]
15G0106-01[RES-CBC-040], B125538-MS1, B125538-MSD1

Aroclor-1260
15G0106-01[RES-CBC-040], B125538-MS1, B125538-MSD1

Aroclor-1260 [2C]
15G0106-01[RES-CBC-040], B125538-MS1, B125538-MSD1

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Johanna K. Harrington
Manager, Laboratory Reporting

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Kenneth Boroson Architects - Riv Sample Description: Work Order: 15G0106

Date Received: 7/2/2015

Field Sample #: RES-CBC-040 Sampled: 7/2/2015 10:45

Sample ID: 15G0106-01

Sample Matrix: Product/Solid

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.098	mg/Kg	1	R-06	SW-846 8082A	7/6/15	7/7/15 17:38	KAL
Aroclor-1221 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	7/6/15	7/7/15 17:38	KAL
Aroclor-1232 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	7/6/15	7/7/15 17:38	KAL
Aroclor-1242 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	7/6/15	7/7/15 17:38	KAL
Aroclor-1248 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	7/6/15	7/7/15 17:38	KAL
Aroclor-1254 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	7/6/15	7/7/15 17:38	KAL
Aroclor-1260 [1]	ND	0.098	mg/Kg	1	R-06	SW-846 8082A	7/6/15	7/7/15 17:38	KAL
Aroclor-1262 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	7/6/15	7/7/15 17:38	KAL
Aroclor-1268 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	7/6/15	7/7/15 17:38	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	96.1	30-150		7/7/15 17:38
Decachlorobiphenyl [2]	107	30-150		7/7/15 17:38
Tetrachloro-m-xylene [1]	95.5	30-150		7/7/15 17:38
Tetrachloro-m-xylene [2]	103	30-150		7/7/15 17:38

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Project Location: Kenneth Boroson Architects - Riv Sample Description: Work Order: 15G0106

Date Received: 7/2/2015

Field Sample #: RES-CBB-041 Sampled: 7/2/2015 11:00

Sample ID: 15G0106-02

Sample Matrix: Product/Solid

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	7/7/15	7/8/15 11:44	KAL
Aroclor-1221 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	7/7/15	7/8/15 11:44	KAL
Aroclor-1232 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	7/7/15	7/8/15 11:44	KAL
Aroclor-1242 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	7/7/15	7/8/15 11:44	KAL
Aroclor-1248 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	7/7/15	7/8/15 11:44	KAL
Aroclor-1254 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	7/7/15	7/8/15 11:44	KAL
Aroclor-1260 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	7/7/15	7/8/15 11:44	KAL
Aroclor-1262 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	7/7/15	7/8/15 11:44	KAL
Aroclor-1268 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	7/7/15	7/8/15 11:44	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	98.0	30-150		7/8/15 11:44
Decachlorobiphenyl [2]	89.6	30-150		7/8/15 11:44
Tetrachloro-m-xylene [1]	93.2	30-150		7/8/15 11:44
Tetrachloro-m-xylene [2]	86.4	30-150		7/8/15 11:44

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Project Location: Kenneth Boroson Architects - Riv Sample Description: Work Order: 15G0106

Date Received: 7/2/2015

Field Sample #: RES-CBB-042 Sampled: 7/2/2015 11:15

Sample ID: 15G0106-03

Sample Matrix: Product/Solid

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	7/6/15	7/7/15 18:03	KAL
Aroclor-1221 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	7/6/15	7/7/15 18:03	KAL
Aroclor-1232 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	7/6/15	7/7/15 18:03	KAL
Aroclor-1242 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	7/6/15	7/7/15 18:03	KAL
Aroclor-1248 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	7/6/15	7/7/15 18:03	KAL
Aroclor-1254 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	7/6/15	7/7/15 18:03	KAL
Aroclor-1260 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	7/6/15	7/7/15 18:03	KAL
Aroclor-1262 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	7/6/15	7/7/15 18:03	KAL
Aroclor-1268 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	7/6/15	7/7/15 18:03	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	92.0	30-150		7/7/15 18:03
Decachlorobiphenyl [2]	105	30-150		7/7/15 18:03
Tetrachloro-m-xylene [1]	91.1	30-150		7/7/15 18:03
Tetrachloro-m-xylene [2]	97.4	30-150		7/7/15 18:03

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Sample Extraction Data

Prep Method: SW-846 3540C-SW-846 8082A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
15G0106-01 [RES-CBC-040]	B125538	2.04	10.0	07/06/15
15G0106-03 [RES-CBB-042]	B125538	2.05	10.0	07/06/15

Prep Method: SW-846 3540C-SW-846 8082A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
15G0106-02RE1 [RES-CBB-041]	B125625	2.01	10.0	07/07/15

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QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B125538 - SW-846 3540C										
Blank (B125538-BLK1)				Prepared: 07/06/15 Analyzed: 07/07/15						
Aroclor-1016	ND	0.098	mg/Kg							
Aroclor-1016 [2C]	ND	0.098	mg/Kg							
Aroclor-1221	ND	0.098	mg/Kg							
Aroclor-1221 [2C]	ND	0.098	mg/Kg							
Aroclor-1232	ND	0.098	mg/Kg							
Aroclor-1232 [2C]	ND	0.098	mg/Kg							
Aroclor-1242	ND	0.098	mg/Kg							
Aroclor-1242 [2C]	ND	0.098	mg/Kg							
Aroclor-1248	ND	0.098	mg/Kg							
Aroclor-1248 [2C]	ND	0.098	mg/Kg							
Aroclor-1254	ND	0.098	mg/Kg							
Aroclor-1254 [2C]	ND	0.098	mg/Kg							
Aroclor-1260	ND	0.098	mg/Kg							
Aroclor-1260 [2C]	ND	0.098	mg/Kg							
Aroclor-1262	ND	0.098	mg/Kg							
Aroclor-1262 [2C]	ND	0.098	mg/Kg							
Aroclor-1268	ND	0.098	mg/Kg							
Aroclor-1268 [2C]	ND	0.098	mg/Kg							
Surrogate: Decachlorobiphenyl	*0.968*		mg/Kg	0.980		98.7	30-150			
Surrogate: Decachlorobiphenyl [2C]	*1.07*		mg/Kg	0.980		109	30-150			
Surrogate: Tetrachloro-m-xylene	*0.912*		mg/Kg	0.980		93.0	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.979*		mg/Kg	0.980		99.8	30-150			
LCS (B125538-BS1)				Prepared: 07/06/15 Analyzed: 07/07/15						
Aroclor-1016	0.26	0.099	mg/Kg	0.248		105	40-140			
Aroclor-1016 [2C]	0.28	0.099	mg/Kg	0.248		115	40-140			
Aroclor-1260	0.27	0.099	mg/Kg	0.248		111	40-140			
Aroclor-1260 [2C]	0.29	0.099	mg/Kg	0.248		118	40-140			
Surrogate: Decachlorobiphenyl	*0.950*		mg/Kg	0.990		95.9	30-150			
Surrogate: Decachlorobiphenyl [2C]	*1.08*		mg/Kg	0.990		109	30-150			
Surrogate: Tetrachloro-m-xylene	*0.889*		mg/Kg	0.990		89.8	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.956*		mg/Kg	0.990		96.6	30-150			
LCS Dup (B125538-BSD1)				Prepared: 07/06/15 Analyzed: 07/07/15						
Aroclor-1016	0.27	0.098	mg/Kg	0.245		110	40-140	4.16	30	
Aroclor-1016 [2C]	0.29	0.098	mg/Kg	0.245		120	40-140	3.48	30	
Aroclor-1260	0.28	0.098	mg/Kg	0.245		115	40-140	2.96	30	
Aroclor-1260 [2C]	0.30	0.098	mg/Kg	0.245		122	40-140	2.28	30	
Surrogate: Decachlorobiphenyl	*0.981*		mg/Kg	0.980		100	30-150			
Surrogate: Decachlorobiphenyl [2C]	*1.09*		mg/Kg	0.980		112	30-150			
Surrogate: Tetrachloro-m-xylene	*0.913*		mg/Kg	0.980		93.1	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.983*		mg/Kg	0.980		100	30-150			

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QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD		RPD Limit	Notes
Batch B125538 - SW-846 3540C												
Matrix Spike (B125538-MS1)	**Source: 15G0106-01**			Prepared: 07/06/15 Analyzed: 07/07/15								
Aroclor-1016	0.26	0.10	mg/Kg	0.249	ND	106		40-140				R-06
Aroclor-1016 [2C]	0.26	0.10	mg/Kg	0.249	ND	103		40-140				R-06
Aroclor-1260	0.26	0.10	mg/Kg	0.249	ND	106		40-140				R-06
Aroclor-1260 [2C]	0.29	0.10	mg/Kg	0.249	ND	116		40-140				R-06
Surrogate: Decachlorobiphenyl	*0.946*		mg/Kg	0.995		95.1		30-150				
Surrogate: Decachlorobiphenyl [2C]	*1.08*		mg/Kg	0.995		108		30-150				
Surrogate: Tetrachloro-m-xylene	*0.912*		mg/Kg	0.995		91.6		30-150				
Surrogate: Tetrachloro-m-xylene [2C]	*0.982*		mg/Kg	0.995		98.7		30-150				
Matrix Spike Dup (B125538-MSD1)	**Source: 15G0106-01**			Prepared: 07/06/15 Analyzed: 07/07/15								
Aroclor-1016	0.093	0.10	mg/Kg	0.250	ND	**37.2**	*	40-140	**95.8**	*	50	MS-24, R-06
Aroclor-1016 [2C]	0.10	0.10	mg/Kg	0.250	ND	41.8		40-140	**84.4**	*	50	R-06
Aroclor-1260	0.093	0.10	mg/Kg	0.250	ND	**37.4**	*	40-140	**95.6**	*	50	MS-24, R-06
Aroclor-1260 [2C]	0.10	0.10	mg/Kg	0.250	ND	40.9		40-140	**95.0**	*	50	R-06
Surrogate: Decachlorobiphenyl	*0.311*		mg/Kg	1.00		31.1		30-150				
Surrogate: Decachlorobiphenyl [2C]	*0.344*		mg/Kg	1.00		34.4		30-150				
Surrogate: Tetrachloro-m-xylene	*0.333*		mg/Kg	1.00		33.3		30-150				
Surrogate: Tetrachloro-m-xylene [2C]	*0.354*		mg/Kg	1.00		35.4		30-150				
Batch B125625 - SW-846 3540C												
Blank (B125625-BLK1)				Prepared: 07/07/15 Analyzed: 07/08/15								
Aroclor-1016	ND	0.10	mg/Kg									
Aroclor-1016 [2C]	ND	0.10	mg/Kg									
Aroclor-1221	ND	0.10	mg/Kg									
Aroclor-1221 [2C]	ND	0.10	mg/Kg									
Aroclor-1232	ND	0.10	mg/Kg									
Aroclor-1232 [2C]	ND	0.10	mg/Kg									
Aroclor-1242	ND	0.10	mg/Kg									
Aroclor-1242 [2C]	ND	0.10	mg/Kg									
Aroclor-1248	ND	0.10	mg/Kg									
Aroclor-1248 [2C]	ND	0.10	mg/Kg									
Aroclor-1254	ND	0.10	mg/Kg									
Aroclor-1254 [2C]	ND	0.10	mg/Kg									
Aroclor-1260	ND	0.10	mg/Kg									
Aroclor-1260 [2C]	ND	0.10	mg/Kg									
Aroclor-1262	ND	0.10	mg/Kg									
Aroclor-1262 [2C]	ND	0.10	mg/Kg									
Aroclor-1268	ND	0.10	mg/Kg									
Aroclor-1268 [2C]	ND	0.10	mg/Kg									
Surrogate: Decachlorobiphenyl	*0.997*		mg/Kg	0.995		100		30-150				
Surrogate: Decachlorobiphenyl [2C]	*0.912*		mg/Kg	0.995		91.7		30-150				
Surrogate: Tetrachloro-m-xylene	*0.949*		mg/Kg	0.995		95.4		30-150				
Surrogate: Tetrachloro-m-xylene [2C]	*0.886*		mg/Kg	0.995		89.0		30-150				

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QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B125625 - SW-846 3540C										
LCS (B125625-BS1)				Prepared: 07/07/15 Analyzed: 07/08/15						
Aroclor-1016	0.30	0.098	mg/Kg	0.244		122	40-140			
Aroclor-1016 [2C]	0.28	0.098	mg/Kg	0.244		116	40-140			
Aroclor-1260	0.26	0.098	mg/Kg	0.244		106	40-140			
Aroclor-1260 [2C]	0.27	0.098	mg/Kg	0.244		111	40-140			
Surrogate: Decachlorobiphenyl	*0.884*		mg/Kg	0.976		90.6	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.813*		mg/Kg	0.976		83.3	30-150			
Surrogate: Tetrachloro-m-xylene	*0.916*		mg/Kg	0.976		93.8	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.853*		mg/Kg	0.976		87.4	30-150			
LCS Dup (B125625-BSD1)				Prepared: 07/07/15 Analyzed: 07/08/15						
Aroclor-1016	0.28	0.097	mg/Kg	0.243		114	40-140	6.90	30	
Aroclor-1016 [2C]	0.27	0.097	mg/Kg	0.243		113	40-140	2.53	30	
Aroclor-1260	0.27	0.097	mg/Kg	0.243		110	40-140	3.56	30	
Aroclor-1260 [2C]	0.27	0.097	mg/Kg	0.243		113	40-140	1.50	30	
Surrogate: Decachlorobiphenyl	*0.911*		mg/Kg	0.971		93.8	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.836*		mg/Kg	0.971		86.1	30-150			
Surrogate: Tetrachloro-m-xylene	*0.875*		mg/Kg	0.971		90.2	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.819*		mg/Kg	0.971		84.3	30-150			

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS

Lab Sample ID: B125538-BS1 Date(s) Analyzed: 07/07/2015 07/07/2015

Instrument ID (1): Instrument ID (2):

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1016	1	0.00	0.00	0.00	0.26	
	2	0.00	0.00	0.00	0.28	8
Aroclor-1260	1	0.00	0.00	0.00	0.27	
	2	0.00	0.00	0.00	0.29	6

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS Dup

Lab Sample ID: B125538-BSD1 Date(s) Analyzed: 07/07/2015 07/07/2015

Instrument ID (1): Instrument ID (2):

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1016	1	0.00	0.00	0.00	0.27	
	2	0.00	0.00	0.00	0.29	7
Aroclor-1260	1	0.00	0.00	0.00	0.28	
	2	0.00	0.00	0.00	0.30	6

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

Matrix Spike

Lab Sample ID: B125538-MS1 Date(s) Analyzed: 07/07/2015 07/07/2015

Instrument ID (1): Instrument ID (2):

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1016	1	0.00	0.00	0.00	0.26	
	2	0.00	0.00	0.00	0.26	2
Aroclor-1260	1	0.00	0.00	0.00	0.26	
	2	0.00	0.00	0.00	0.29	9

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

Matrix Spike Dup

Lab Sample ID: B125538-MSD1 Date(s) Analyzed: 07/07/2015 07/07/2015

Instrument ID (1): Instrument ID (2):

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1016	1	0.00	0.00	0.00	0.093	
	2	0.00	0.00	0.00	0.10	7
Aroclor-1260	1	0.00	0.00	0.00	0.093	
	2	0.00	0.00	0.00	0.10	7

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS

Lab Sample ID: B125625-BS1 Date(s) Analyzed: 07/08/2015 07/08/2015

Instrument ID (1): Instrument ID (2):

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1016	1	0.00	0.00	0.00	0.30	
	2	0.00	0.00	0.00	0.28	6
Aroclor-1260	1	0.00	0.00	0.00	0.26	
	2	0.00	0.00	0.00	0.27	4

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS Dup

Lab Sample ID: B125625-BSD1 Date(s) Analyzed: 07/08/2015 07/08/2015

Instrument ID (1): Instrument ID (2):

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1016	1	0.00	0.00	0.00	0.28	
	2	0.00	0.00	0.00	0.27	3
Aroclor-1260	1	0.00	0.00	0.00	0.27	
	2	0.00	0.00	0.00	0.27	1

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
MS-24	Either matrix spike or matrix spike duplicate is outside of control limits, but the other is within limits. Analysis is in control based on laboratory fortified blank recovery.
R-06	Matrix spike duplicate RPD is outside of control limits. Reduced precision is anticipated for reported result for this compound in this sample.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8082A in Product/Solid	
Aroclor-1016	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1016 [2C]	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1221	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1221 [2C]	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1232	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1232 [2C]	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1242	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1242 [2C]	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1248	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1248 [2C]	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1254	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1254 [2C]	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1260	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1260 [2C]	CT,NH,NY,ME,NC,VA,NJ

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC	100033	02/1/2016
MA	Massachusetts DEP	M-MA100	06/30/2016
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2015
NY	New York State Department of Health	10899 NELAP	04/1/2016
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2016
RI	Rhode Island Department of Health	LAO00112	12/30/2015
NC	North Carolina Div. of Water Quality	652	12/31/2015
NJ	New Jersey DEP	MA007 NELAP	09/30/2015
FL	Florida Department of Health	E871027 NELAP	06/30/2016
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2015
WA	State of Washington Department of Ecology	C2065	02/23/2016
ME	State of Maine	2011028	06/9/2017
VA	Commonwealth of Virginia	460217	12/14/2015
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2015

CHAIN OF CUSTODY RECORD

con-test® ANALYTICAL LABORATORY
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Fax: 413-525-6405
Email: info@contestlabs.com
www.contestlabs.com
39 Spruce Street
East longmeadow, MA 01028

1SG0106
Rev 04.05.12

Company Name: Woodard & Curran
Address: 1520 Highland Ave
Cheshire, CT 06410
Attention: George Franklin
Project Location: Kenneth Boroson Architects - Riverfield School
Sampled By: Greg Reynolds

Telephone: 866-702-6371
Project #: 226361
Client PO#:

DATA DELIVERY (check all that apply)
○ FAX ◉ EMAIL ○ WEBSITE
Fax #: greynolds@woodardcurran.com
Email: gfranklin@woodardcurran.com
Format: ○ PDF ○ EXCEL ○ GIS ○ OTHER ○ "Enhanced Data Package"

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	# of Containers	** Preservation	***Container Code	PCBs by Soxhlet	HOLD
01	RES-CBC-040	7/2/2015	1045		x	S	U	1	I	G	✓	
02	RES-CBB-041	7/2/2015	1100		x	S	U	1	I	G	✓	
03	RES-CBB-042	7/2/2015	1115		x	S	U	1	I	G	✓	

ANALYSIS REQUESTED

Dissolved Metals
○ Field Filtered
○ Lab to Filter

***Cont. Code:**
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

****Preservation**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other Hexane

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other

Comments:
1. PCBs by Soxhlet 2. Reporting limit ≤ 1 ug/kg. 3. 48 hr TAT requested

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)		Date/Time:
Received by: (signature)		Date/Time: 13:45
Relinquished by: (signature)		Date/Time: 16:50
Received by: (signature)	4.9°	Date/Time: 16:50

Turnaround ††
☐ 7-Day
☐ 10-Day
☐ Other 5 Day
RUSH †
☐ †24-Hr ◉ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts:
Connecticut:
Other: ≤ 1 ug/kg

Is your project MCP or RCP ?
○ MCP Form Required
○ RCP Form Required
○ MA State DW Form Required PWSID # _____

NELAC & AIHA-LAP, LLC Accredited
WBE/DBE Certified

TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

Table of Contents

39 Spruce St.
East Longmeadow, MA. 01028
P: 413-525-2332
F: 413-525-6405
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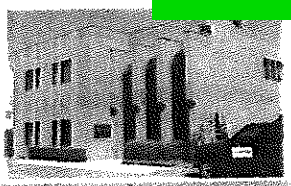
con-test ANALYTICAL LABORATORY



Sample Receipt Checklist

CLIENT NAME: Woodard & Curran **RECEIVED BY:** KB **DATE:** 7/2/15

1) **Was the chain(s) of custody relinquished and signed?** (Yes) No **No CoC Included**
2) **Does the chain agree with the samples?** (Yes) No
   If not, explain:
3) **Are all the samples in good condition?** (Yes) No
   If not, explain:
4) **How were the samples received:**
   On Ice ☑ Direct from Sampling ☐ Ambient ☐ In Cooler(s) ☑
   Were the samples received in Temperature Compliance of (2-6°C)? (Yes) No N/A
   Temperature °C by Temp blank _____ Temperature °C by Temp gun 4.9°
5) **Are there Dissolved samples for the lab to filter?** Yes (No)
   Who was notified _____ Date _____ Time _____
6) **Are there any RUSH or SHORT HOLDING TIME samples?** (Yes) No
   Who was notified _____ Date _____ Time _____
7) **Location where samples are stored:** /

Permission to subcontract samples? Yes No
(Walk-in clients only) if not already approved
Client Signature: _____

8) **Do all samples have the proper Acid pH:** Yes No (N/A) _____
9) **Do all samples have the proper Base pH:** Yes No (N/A) _____
10) **Was the PC notified of any discrepancies with the CoC vs the samples:** Yes No (N/A)

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz amber/clear jar	
500 mL Amber		4 oz amber/clear jar	3
250 mL Amber (8oz amber)		2 oz amber/clear jar	
1 Liter Plastic		Plastic Bag / Ziploc	
500 mL Plastic		SOC Kit	
250 mL plastic		Non-ConTest Container	
40 mL Vial - type listed below		Perchlorate Kit	
Colisure / bacteria bottle		Flashpoint bottle	
Dissolved Oxygen bottle		Other glass jar	
Encore		Other	

Laboratory Comments:

40 mL vials: # HCl _____ # Methanol _____
Bisulfate _____ # DI Water _____
Thiosulfate _____ Unpreserved _____

Time and Date Frozen:

Login Sample Receipt Checklist

(Rejection Criteria Listing - Using Sample Acceptance Policy)

Any False statement will be brought to the attention of Client

Question	Answer (True/False) T/F/NA	Comment
1) The cooler's custody seal, if present, is intact.	NA	
2) The cooler or samples do not appear to have been compromised or tampered with.	T	
3) Samples were received on ice.	T	
4) Cooler Temperature is acceptable.	T	
5) Cooler Temperature is recorded.	T	
6) COC is filled out in ink and legible.	T	
7) COC is filled out with all pertinent information.	T	
8) Field Sampler's name present on COC.	T	
9) There are no discrepancies between the sample IDs on the container and the COC.	T	
10) Samples are received within Holding Time.	T	
11) Sample containers have legible labels.	T	
12) Containers are not broken or leaking.	T	
13) Air Cassettes are not broken/open.	NA	
14) Sample collection date/times are provided.	T	
15) Appropriate sample containers are used.	T	
16) Proper collection media used.	T	
17) No headspace sample bottles are completely filled.	T	
18) There is sufficient volume for all requsted analyses, including any requested MS/MSDs.	T	
19) Trip blanks provided if applicable.	NA	
20) VOA sample vials do not have head space or bubble is <6mm (1/4") in diameter.	NA	
21) Samples do not require splitting or compositing.	T	

Who notified of False statements?

Log-In Technician Initials: KB

Date/Time: 7/2/15 16:50

Date/Time:

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July 15, 2015

George Franklin
Woodard & Curran - CT
1520 Highland Avenue
Cheshire, CT 06410

Project Location: Kenneth Boroson Architects Riverfield School
Client Job Number:
Project Number: 226361
Laboratory Work Order Number: 15G0521

Enclosed are results of analyses for samples received by the laboratory on July 11, 2015. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Lisa A. Worthington
Project Manager

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Woodard & Curran - CT
1520 Highland Avenue
Cheshire, CT 06410
ATTN: George Franklin

REPORT DATE: 7/15/2015

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 226361

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 15G0521

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Kenneth Boroson Architects Riverfield School

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
RES-CBC-45	15G0521-01	Product/Solid		SW-846 8082A	
RES-CBC-46	15G0521-02	Product/Solid		SW-846 8082A	

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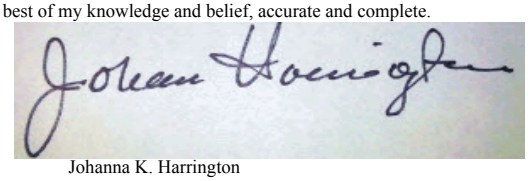
CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Johanna K. Harrington
Manager, Laboratory Reporting

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Kenneth Boroson Architects Rive Sample Description: Work Order: 15G0521

Date Received: 7/11/2015

Field Sample #: RES-CBC-45 Sampled: 7/10/2015 14:00

Sample ID: 15G0521-01

Sample Matrix: Product/Solid

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	7/13/15	7/14/15 14:58	KAL
Aroclor-1221 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	7/13/15	7/14/15 14:58	KAL
Aroclor-1232 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	7/13/15	7/14/15 14:58	KAL
Aroclor-1242 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	7/13/15	7/14/15 14:58	KAL
Aroclor-1248 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	7/13/15	7/14/15 14:58	KAL
Aroclor-1254 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	7/13/15	7/14/15 14:58	KAL
Aroclor-1260 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	7/13/15	7/14/15 14:58	KAL
Aroclor-1262 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	7/13/15	7/14/15 14:58	KAL
Aroclor-1268 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	7/13/15	7/14/15 14:58	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	88.5	30-150		7/14/15 14:58
Decachlorobiphenyl [2]	95.7	30-150		7/14/15 14:58
Tetrachloro-m-xylene [1]	91.9	30-150		7/14/15 14:58
Tetrachloro-m-xylene [2]	87.6	30-150		7/14/15 14:58

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Project Location: Kenneth Boroson Architects Rive Sample Description: Work Order: 15G0521

Date Received: 7/11/2015

Field Sample #: RES-CBC-46 Sampled: 7/10/2015 14:30

Sample ID: 15G0521-02

Sample Matrix: Product/Solid

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.094	mg/Kg	1		SW-846 8082A	7/13/15	7/14/15 15:10	KAL
Aroclor-1221 [1]	ND	0.094	mg/Kg	1		SW-846 8082A	7/13/15	7/14/15 15:10	KAL
Aroclor-1232 [1]	ND	0.094	mg/Kg	1		SW-846 8082A	7/13/15	7/14/15 15:10	KAL
Aroclor-1242 [1]	ND	0.094	mg/Kg	1		SW-846 8082A	7/13/15	7/14/15 15:10	KAL
Aroclor-1248 [1]	ND	0.094	mg/Kg	1		SW-846 8082A	7/13/15	7/14/15 15:10	KAL
Aroclor-1254 [1]	ND	0.094	mg/Kg	1		SW-846 8082A	7/13/15	7/14/15 15:10	KAL
Aroclor-1260 [1]	ND	0.094	mg/Kg	1		SW-846 8082A	7/13/15	7/14/15 15:10	KAL
Aroclor-1262 [1]	ND	0.094	mg/Kg	1		SW-846 8082A	7/13/15	7/14/15 15:10	KAL
Aroclor-1268 [1]	ND	0.094	mg/Kg	1		SW-846 8082A	7/13/15	7/14/15 15:10	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	89.0	30-150		7/14/15 15:10
Decachlorobiphenyl [2]	96.4	30-150		7/14/15 15:10
Tetrachloro-m-xylene [1]	92.0	30-150		7/14/15 15:10
Tetrachloro-m-xylene [2]	87.7	30-150		7/14/15 15:10

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Sample Extraction Data

Prep Method: SW-846 3540C-SW-846 8082A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
15G0521-01 [RES-CBC-45]	B126047	2.04	10.0	07/13/15
15G0521-02 [RES-CBC-46]	B126047	2.13	10.0	07/13/15

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QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B126047 - SW-846 3540C										
Blank (B126047-BLK1)				Prepared: 07/13/15 Analyzed: 07/14/15						
Aroclor-1016	ND	0.10	mg/Kg							
Aroclor-1016 [2C]	ND	0.10	mg/Kg							
Aroclor-1221	ND	0.10	mg/Kg							
Aroclor-1221 [2C]	ND	0.10	mg/Kg							
Aroclor-1232	ND	0.10	mg/Kg							
Aroclor-1232 [2C]	ND	0.10	mg/Kg							
Aroclor-1242	ND	0.10	mg/Kg							
Aroclor-1242 [2C]	ND	0.10	mg/Kg							
Aroclor-1248	ND	0.10	mg/Kg							
Aroclor-1248 [2C]	ND	0.10	mg/Kg							
Aroclor-1254	ND	0.10	mg/Kg							
Aroclor-1254 [2C]	ND	0.10	mg/Kg							
Aroclor-1260	ND	0.10	mg/Kg							
Aroclor-1260 [2C]	ND	0.10	mg/Kg							
Aroclor-1262	ND	0.10	mg/Kg							
Aroclor-1262 [2C]	ND	0.10	mg/Kg							
Aroclor-1268	ND	0.10	mg/Kg							
Aroclor-1268 [2C]	ND	0.10	mg/Kg							
Surrogate: Decachlorobiphenyl	*0.952*		mg/Kg	1.00		95.2	30-150			
Surrogate: Decachlorobiphenyl [2C]	*1.02*		mg/Kg	1.00		102	30-150			
Surrogate: Tetrachloro-m-xylene	*0.936*		mg/Kg	1.00		93.6	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.876*		mg/Kg	1.00		87.6	30-150			
LCS (B126047-BS1)				Prepared: 07/13/15 Analyzed: 07/14/15						
Aroclor-1016	0.27	0.10	mg/Kg	0.250		107	40-140			
Aroclor-1016 [2C]	0.26	0.10	mg/Kg	0.250		105	40-140			
Aroclor-1260	0.28	0.10	mg/Kg	0.250		111	40-140			
Aroclor-1260 [2C]	0.28	0.10	mg/Kg	0.250		113	40-140			
Surrogate: Decachlorobiphenyl	*1.01*		mg/Kg	1.00		101	30-150			
Surrogate: Decachlorobiphenyl [2C]	*1.09*		mg/Kg	1.00		109	30-150			
Surrogate: Tetrachloro-m-xylene	*0.989*		mg/Kg	1.00		98.9	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.929*		mg/Kg	1.00		92.9	30-150			
LCS Dup (B126047-BSD1)				Prepared: 07/13/15 Analyzed: 07/14/15						
Aroclor-1016	0.25	0.10	mg/Kg	0.250		102	40-140	5.13	30	
Aroclor-1016 [2C]	0.25	0.10	mg/Kg	0.250		99.7	40-140	5.33	30	
Aroclor-1260	0.26	0.10	mg/Kg	0.250		103	40-140	7.28	30	
Aroclor-1260 [2C]	0.26	0.10	mg/Kg	0.250		105	40-140	7.15	30	
Surrogate: Decachlorobiphenyl	*0.912*		mg/Kg	1.00		91.2	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.982*		mg/Kg	1.00		98.2	30-150			
Surrogate: Tetrachloro-m-xylene	*0.919*		mg/Kg	1.00		91.9	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.862*		mg/Kg	1.00		86.2	30-150			

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS

Lab Sample ID: B126047-BS1 Date(s) Analyzed: 07/14/2015 07/14/2015

Instrument ID (1): Instrument ID (2):

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1016	1	0.00	0.00	0.00	0.27	
	2	0.00	0.00	0.00	0.26	3
Aroclor-1260	1	0.00	0.00	0.00	0.28	
	2	0.00	0.00	0.00	0.28	1

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS Dup

Lab Sample ID: B126047-BSD1 Date(s) Analyzed: 07/14/2015 07/14/2015

Instrument ID (1): Instrument ID (2):

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1016	1	0.00	0.00	0.00	0.25	
	2	0.00	0.00	0.00	0.25	2
Aroclor-1260	1	0.00	0.00	0.00	0.26	
	2	0.00	0.00	0.00	0.26	1

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level

Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.

No results have been blank subtracted unless specified in the case narrative section.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8082A in Product/Solid	
Aroclor-1016	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1016 [2C]	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1221	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1221 [2C]	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1232	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1232 [2C]	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1242	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1242 [2C]	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1248	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1248 [2C]	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1254	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1254 [2C]	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1260	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1260 [2C]	CT,NH,NY,ME,NC,VA,NJ

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC	100033	02/1/2016
MA	Massachusetts DEP	M-MA100	06/30/2016
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2015
NY	New York State Department of Health	10899 NELAP	04/1/2016
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2016
RI	Rhode Island Department of Health	LAO00112	12/30/2015
NC	North Carolina Div. of Water Quality	652	12/31/2015
NJ	New Jersey DEP	MA007 NELAP	09/30/2015
FL	Florida Department of Health	E871027 NELAP	06/30/2016
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2015
WA	State of Washington Department of Ecology	C2065	02/23/2016
ME	State of Maine	2011028	06/9/2017
VA	Commonwealth of Virginia	460217	12/14/2015
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2015

CHAIN OF CUSTODY RECORD

15G0521

Rev 04.05.12

con-test® ANALYTICAL LABORATORY
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Fax: 413-525-6405
Email: info@contestlabs.com
www.contestlabs.com
39 Spruce Street
East longmeadow, MA 01028

Page 1 of 1

Company Name: Woodard + Curran
Address: 1520 Highland Ave Cheshire CT 06410
Attention: George Franklin
Project Location: Kenneth Boroson Architects River Field School
Sampled By: W DeRosa

Telephone: 866 702 6371
Project #: 226361
Client PO#:

DATA DELIVERY (check all that apply)
○ FAX ○ EMAIL ○ WEBSITE
Fax # / Email: grreynolds@woodardcurran.com
Format: ○ PDF ○ EXCEL ○ GIS ○ OTHER ○ "Enhanced Data Package"

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	PCB's by Soxhlet	# of Containers	** Preservation	***Container Code
01	RES.CBC.45	7/10/15	1400	☒	☐	S	U	✓			
02	RES.CBC.46	7/10/15	1430	☒	☐	S	U	✓			

ANALYSIS REQUESTED

Dissolved Metals
○ Field Filtered
○ Lab to Filter

***Cont. Code:**
A=amber glass
G=glass
P=plastic
ST=sterile
V=vial
S=summa can
T=tedlar bag
O=Other

****Preservation**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other _____

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other _____

Comments:
PCB's by Soxhlet 2. Reporting Limits ≤ 1mg/kg 3 48 TAT requested

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time:
[signature]	7/11/15
Received by: (signature) 4.6	Date/Time: 9:10
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:

Turnaround ††
☐ 7-Day
☐ 10-Day
☐ Other _____
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts:
Connecticut:
Other:

Is your project MCP or RCP ?
○ MCP Form Required
○ RCP Form Required
○ MA State DW Form Required PWSID # _____

NELAC & AIHA-LAP, LLC Accredited
WBE/DBE Certified

TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

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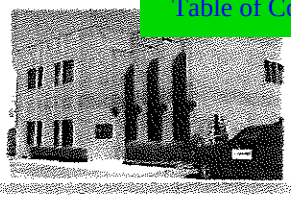
39 Spruce St.
East Longmeadow, MA. 01028
P: 413-525-2332
F: 413-525-6405
www.contestlabs.com

con-test ANALYTICAL LABORATORY



Sample Receipt Checklist

CLIENT NAME: Woodard + Curran **RECEIVED BY:** MT **DATE:** 7/11/15

1) **Was the chain(s) of custody relinquished and signed?** (Yes) No No CoC Included
2) **Does the chain agree with the samples?** (Yes) No
   If not, explain:
3) **Are all the samples in good condition?** (Yes) No
   If not, explain:
4) **How were the samples received:**

On Ice ☒ Direct from Sampling ☐ Ambient ☐ In Cooler(s) ☒

Were the samples received in Temperature Compliance of (2-6°C)? (Yes) No N/A

Temperature °C by Temp blank _____ Temperature °C by Temp gun 4.6 C

5) **Are there Dissolved samples for the lab to filter?** Yes (No)
   Who was notified _____ Date _____ Time _____
6) **Are there any RUSH or SHORT HOLDING TIME samples?** (Yes) No
   Who was notified EXT Date 7/11/15 Time 9:10
7) **Location where samples are stored:** /

Permission to subcontract samples? Yes No
(Walk-in clients only) if not already approved
Client Signature: _____

8) **Do all samples have the proper Acid pH:** Yes No (N/A) _____
9) **Do all samples have the proper Base pH:** Yes No (N/A) _____
10) **Was the PC notified of any discrepancies with the CoC vs the samples:** Yes No (N/A)

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz amber/clear jar	
500 mL Amber		4 oz amber/clear jar	2
250 mL Amber (8oz amber)		2 oz amber/clear jar	
1 Liter Plastic		Plastic Bag / Ziploc	
500 mL Plastic		SOC Kit	
250 mL plastic		Non-ConTest Container	
40 mL Vial - type listed below		Perchlorate Kit	
Colisure / bacteria bottle		Flashpoint bottle	
Dissolved Oxygen bottle		Other glass jar	
Encore		Other	

Laboratory Comments:

40 mL vials: # HCl _____ # Methanol _____
Bisulfate _____ # DI Water _____
Thiosulfate _____ Unpreserved

Time and Date Frozen:

Login Sample Receipt Checklist

(Rejection Criteria Listing - Using Sample Acceptance Policy)

Any False statement will be brought to the attention of Client

Question	Answer (True/False) T/F/NA	Comment
1) The cooler's custody seal, if present, is intact.	NA	
2) The cooler or samples do not appear to have been compromised or tampered with.	T	
3) Samples were received on ice.	T	
4) Cooler Temperature is acceptable.	T	
5) Cooler Temperature is recorded.	T	
6) COC is filled out in ink and legible.	T	
7) COC is filled out with all pertinent information.	T	
8) Field Sampler's name present on COC.	T	
9) There are no discrepancies between the sample IDs on the container and the COC.	T	
10) Samples are received within Holding Time.	T	
11) Sample containers have legible labels.	T	
12) Containers are not broken or leaking.	T	
13) Air Cassettes are not broken/open.	NA	
14) Sample collection date/times are provided.	T	
15) Appropriate sample containers are used.	T	
16) Proper collection media used.	T	
17) No headspace sample bottles are completely filled.	NA	
18) There is sufficient volume for all requsted analyses, including any requested MS/MSDs.	T	
19) Trip blanks provided if applicable.	NA	
20) VOA sample vials do not have head space or bubble is <6mm (1/4") in diameter.	NA	
21) Samples do not require splitting or compositing.	T	

Who notified of False statements? **Date/Time:**

Doc #277 Rev. 4 August 2013 **Log-In Technician Initials:** **Date/Time:**

MS 7/11/15 0:10

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July 24, 2015

George Franklin
Woodard & Curran - CT
1520 Highland Avenue
Cheshire, CT 06410

Project Location: Kenneth Boroson Architects - Riverfield School
Client Job Number:
Project Number: 226361
Laboratory Work Order Number: 15G1038

Enclosed are results of analyses for samples received by the laboratory on July 22, 2015. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Lisa A. Worthington
Project Manager

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Woodard & Curran - CT
1520 Highland Avenue
Cheshire, CT 06410
ATTN: George Franklin

REPORT DATE: 7/24/2015

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 226361

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 15G1038

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Kenneth Boroson Architects - Riverfield School

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
RES-CBB-045	15G1038-01	Brick		SW-846 8082A	

con-test® ANALYTICAL LABORATORY
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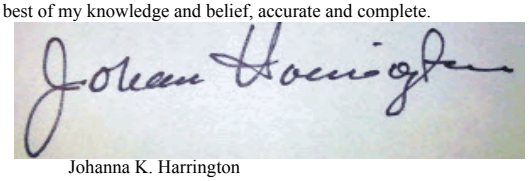
CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Johanna K. Harrington
Manager, Laboratory Reporting

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Kenneth Boroson Architects - Riv Sample Description: Work Order: 15G1038

Date Received: 7/22/2015

Field Sample #: RES-CBB-045 Sampled: 7/22/2015 07:50

Sample ID: 15G1038-01

Sample Matrix: Brick

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	7/22/15	7/23/15 17:30	JMB
Aroclor-1221 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	7/22/15	7/23/15 17:30	JMB
Aroclor-1232 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	7/22/15	7/23/15 17:30	JMB
Aroclor-1242 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	7/22/15	7/23/15 17:30	JMB
Aroclor-1248 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	7/22/15	7/23/15 17:30	JMB
Aroclor-1254 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	7/22/15	7/23/15 17:30	JMB
Aroclor-1260 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	7/22/15	7/23/15 17:30	JMB
Aroclor-1262 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	7/22/15	7/23/15 17:30	JMB
Aroclor-1268 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	7/22/15	7/23/15 17:30	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	91.0	30-150		7/23/15 17:30
Decachlorobiphenyl [2]	105	30-150		7/23/15 17:30
Tetrachloro-m-xylene [1]	80.6	30-150		7/23/15 17:30
Tetrachloro-m-xylene [2]	92.1	30-150		7/23/15 17:30

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Sample Extraction Data

Prep Method: SW-846 3540C-SW-846 8082A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
15G1038-01 [RES-CBB-045]	B126790	2.01	10.0	07/22/15

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B126790 - SW-846 3540C										
Blank (B126790-BLK1)				Prepared: 07/22/15 Analyzed: 07/23/15						
Aroclor-1016	ND	0.094	mg/Kg							
Aroclor-1016 [2C]	ND	0.094	mg/Kg							
Aroclor-1221	ND	0.094	mg/Kg							
Aroclor-1221 [2C]	ND	0.094	mg/Kg							
Aroclor-1232	ND	0.094	mg/Kg							
Aroclor-1232 [2C]	ND	0.094	mg/Kg							
Aroclor-1242	ND	0.094	mg/Kg							
Aroclor-1242 [2C]	ND	0.094	mg/Kg							
Aroclor-1248	ND	0.094	mg/Kg							
Aroclor-1248 [2C]	ND	0.094	mg/Kg							
Aroclor-1254	ND	0.094	mg/Kg							
Aroclor-1254 [2C]	ND	0.094	mg/Kg							
Aroclor-1260	ND	0.094	mg/Kg							
Aroclor-1260 [2C]	ND	0.094	mg/Kg							
Aroclor-1262	ND	0.094	mg/Kg							
Aroclor-1262 [2C]	ND	0.094	mg/Kg							
Aroclor-1268	ND	0.094	mg/Kg							
Aroclor-1268 [2C]	ND	0.094	mg/Kg							
Surrogate: Decachlorobiphenyl	*0.841*		mg/Kg	0.943		89.1	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.972*		mg/Kg	0.943		103	30-150			
Surrogate: Tetrachloro-m-xylene	*0.811*		mg/Kg	0.943		85.9	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.927*		mg/Kg	0.943		98.3	30-150			
LCS (B126790-BS1)				Prepared: 07/22/15 Analyzed: 07/23/15						
Aroclor-1016	0.23	0.098	mg/Kg	0.244		93.9	40-140			
Aroclor-1016 [2C]	0.23	0.098	mg/Kg	0.244		93.8	40-140			
Aroclor-1260	0.30	0.098	mg/Kg	0.244		124	40-140			
Aroclor-1260 [2C]	0.27	0.098	mg/Kg	0.244		112	40-140			
Surrogate: Decachlorobiphenyl	*0.927*		mg/Kg	0.976		95.1	30-150			
Surrogate: Decachlorobiphenyl [2C]	*1.07*		mg/Kg	0.976		110	30-150			
Surrogate: Tetrachloro-m-xylene	*0.839*		mg/Kg	0.976		86.0	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.957*		mg/Kg	0.976		98.1	30-150			
LCS Dup (B126790-BSD1)				Prepared: 07/22/15 Analyzed: 07/23/15						
Aroclor-1016	0.26	0.098	mg/Kg	0.244		107	40-140	12.7	30	
Aroclor-1016 [2C]	0.27	0.098	mg/Kg	0.244		111	40-140	16.5	30	
Aroclor-1260	0.27	0.098	mg/Kg	0.244		111	40-140	11.9	30	
Aroclor-1260 [2C]	0.27	0.098	mg/Kg	0.244		110	40-140	1.72	30	
Surrogate: Decachlorobiphenyl	*0.871*		mg/Kg	0.976		89.3	30-150			
Surrogate: Decachlorobiphenyl [2C]	*1.00*		mg/Kg	0.976		103	30-150			
Surrogate: Tetrachloro-m-xylene	*0.821*		mg/Kg	0.976		84.1	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.932*		mg/Kg	0.976		95.6	30-150			

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS

Lab Sample ID: B126790-BS1 Date(s) Analyzed: 07/23/2015 07/23/2015

Instrument ID (1): Instrument ID (2):

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1016	1	0.00	0.00	0.00	0.23	
	2	0.00	0.00	0.00	0.23	0
Aroclor-1260	1	0.00	0.00	0.00	0.30	
	2	0.00	0.00	0.00	0.27	12

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS Dup

Lab Sample ID: B126790-BSD1 Date(s) Analyzed: 07/23/2015 07/23/2015

Instrument ID (1): Instrument ID (2):

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1016	1	0.00	0.00	0.00	0.26	
	2	0.00	0.00	0.00	0.27	4
Aroclor-1260	1	0.00	0.00	0.00	0.27	
	2	0.00	0.00	0.00	0.27	0

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level

Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.

No results have been blank subtracted unless specified in the case narrative section.

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8082A in Product/Solid	
Aroclor-1016	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1016 [2C]	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1221	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1221 [2C]	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1232	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1232 [2C]	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1242	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1242 [2C]	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1248	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1248 [2C]	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1254	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1254 [2C]	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1260	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1260 [2C]	CT,NH,NY,ME,NC,VA,NJ

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC	100033	02/1/2016
MA	Massachusetts DEP	M-MA100	06/30/2016
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2015
NY	New York State Department of Health	10899 NELAP	04/1/2016
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2016
RI	Rhode Island Department of Health	LAO00112	12/30/2015
NC	North Carolina Div. of Water Quality	652	12/31/2015
NJ	New Jersey DEP	MA007 NELAP	09/30/2015
FL	Florida Department of Health	E871027 NELAP	06/30/2016
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2016
WA	State of Washington Department of Ecology	C2065	02/23/2016
ME	State of Maine	2011028	06/9/2017
VA	Commonwealth of Virginia	460217	12/14/2015
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2015

CHAIN OF CUSTODY RECORD

15G1038

Rev 04.05.12

con-test® ANALYTICAL LABORATORY
Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com
www.contestlabs.com
39 Spruce Street
East longmeadow, MA 01028

Company Name: Woodard & Curran
Address: 1520 Highland Ave
Cheshire, CT 06410
Attention: George Franklin
Project Location: Kenneth Boroson Architects - Riverfield School
Sampled By: Greg Reynolds

Telephone: 866-702-6371
Project # 226361
Client PO#

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

DATA DELIVERY (check all that apply)
○ FAX ◉ EMAIL ○ WEBSITE
Fax # greynolds@woodardcurran.com
Email: gfranklin@woodardcurran.com
Format: ○ PDF ○ EXCEL ○ GIS
○ OTHER _____
○ "Enhanced Data Package"

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	# of Containers	** Preservation	***Container Code	PCBs by Soxhlet	HOLD
01	RES-CBB-045	7/22/2015	750		X	S	U	1	I	G	✓	

ANALYSIS REQUESTED

Dissolved Metals
○ Field Filtered
○ Lab to Filter

***Cont. Code:
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

**Preservation
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other Hexane

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other

Comments:
1. PCBs by Soxhlet 2. Reporting limit ≤ 1 ug/kg. 3. 48 hr TAT requested

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time:	7/22/15 1100
Received by: (signature)	Date/Time:	7/22/15 11:00
Relinquished by: (signature)	Date/Time:	7/22/15 4:15
Received by: (signature)	Date/Time:	7/22/15 1615

Turnaround ††
☐ 7-Day
☐ 10-Day
☐ Other 5 Day
RUSH †
☐ †24-Hr ◼ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts:
Connecticut:
Other: ≤ 1 ug/kg

Is your project MCP or RCP ?
○ MCP Form Required
○ RCP Form Required
○ MA State DW Form Required PWSID # _____

NELAC & AIHA-LAP, LLC Accredited
WBE/DBE Certified

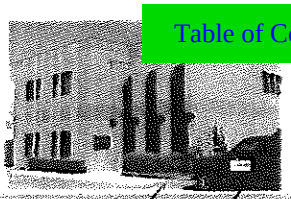
†† TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

Table of Contents

39 Spruce St.
East Longmeadow, MA. 01028
P: 413-525-2332
F: 413-525-6405
www.contestlabs.com

con-test ANALYTICAL LABORATORY



Sample Receipt Checklist

CLIENT NAME: Woodard and Curran **RECEIVED BY:** JDL **DATE:** 7/22/15

1) Was the chain(s) of custody relinquished and signed? (Yes) No No CoC Included

2) Does the chain agree with the samples? (Yes) No

If not, explain:

3) Are all the samples in good condition? (Yes) No

If not, explain:

4) How were the samples received:

On Ice ☒ Direct from Sampling ☐ Ambient ☐ In Cooler(s) ☒

Were the samples received in Temperature Compliance of (2-6°C)? (Yes) No N/A

Temperature °C by Temp blank _____ Temperature °C by Temp gun 4.4

5) Are there Dissolved samples for the lab to filter? Yes (No)

Who was notified _____ Date _____ Time _____

6) Are there any RUSH or SHORT HOLDING TIME samples? (Yes) No

Who was notified _____ Date _____ Time _____

7) Location where samples are stored: 19

Permission to subcontract samples? Yes No
(Walk-in clients only) if not already approved
Client Signature: _____

8) Do all samples have the proper Acid pH: Yes No (N/A) _____

9) Do all samples have the proper Base pH: Yes No (N/A) _____

10) Was the PC notified of any discrepancies with the CoC vs the samples: Yes No (N/A)

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz amber/clear jar	
500 mL Amber		4 oz amber/clear jar	1
250 mL Amber (8oz amber)		2 oz amber/clear jar	
1 Liter Plastic		Plastic Bag / Ziploc	
500 mL Plastic		SOC Kit	
250 mL plastic		Non-ConTest Container	
40 mL Vial - type listed below		Perchlorate Kit	
Colisure / bacteria bottle		Flashpoint bottle	
Dissolved Oxygen bottle		Other glass jar	
Encore		Other	

Laboratory Comments:

40 mL vials: # HCl _____ # Methanol _____
Bisulfate _____ # DI Water _____
Thiosulfate _____ Unpreserved _____

Time and Date Frozen:

Login Sample Receipt Checklist

(Rejection Criteria Listing - Using Sample Acceptance Policy)

Any False statement will be brought to the attention of Client

Question	Answer (True/False) T/F/NA	Comment
1) The cooler's custody seal, if present, is intact.	NA	
2) The cooler or samples do not appear to have been compromised or tampered with.	T	
3) Samples were received on ice.	T	
4) Cooler Temperature is acceptable.	T	
5) Cooler Temperature is recorded.	T	
6) COC is filled out in ink and legible.	T	
7) COC is filled out with all pertinent information.	T	
8) Field Sampler's name present on COC.	T	
9) There are no discrepancies between the sample IDs on the container and the COC.	T	
10) Samples are received within Holding Time.	T	
11) Sample containers have legible labels.	T	
12) Containers are not broken or leaking.	T	
13) Air Cassettes are not broken/open.	NA	
14) Sample collection date/times are provided.	T	
15) Appropriate sample containers are used.	T	
16) Proper collection media used.	T	
17) No headspace sample bottles are completely filled.	T	
18) There is sufficient volume for all requsted analyses, including any requested MS/MSDs.	T	
19) Trip blanks provided if applicable.	NA	
20) VOA sample vials do not have head space or bubble is <6mm (1/4") in diameter.	NA	
21) Samples do not require splitting or compositing.	T	

Who notified of False statements? **Date/Time:**

Log-In Technician Initials: JDL **Date/Time:** 7/22/15 1615

RIVERFIELD RENOVATIONS - PROJECT SUMMARY

ConTest Analytical Laboratory Job Numbers: 15A0032, 15A0034, 15D0869, 15F0582, 15F0583, 15F1436, 15F1437, 15F1439, 15G0028, 15G0106, 15G0312, 15G0521, & 15G1038

The data validation was conducted in accordance with "USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review" June 2008; "EPA New England Environmental Data Review Supplement For Regional Data Review Elements and Superfund Specific Guidance/Procedures" April 2013, the Quality Assurance Project Plan (QAPP); and the referenced method.

The criteria detailed below were used to qualify the data. Raw data were not used to verify the results reported by the laboratory.

Samples were received at 2.7, 4.2, 4.4, 4.6, 4.9, 5.6, 5.9, and 21.0 degrees Celsius. Although some samples were received at ambient temperature they were submitted to the laboratory on the day of collection and no qualifications were applied.

PCBs:

All polychlorinated biphenyl compound (PCB) samples were extracted and analyzed within technical holding times. No qualifications were applied.

All PCB surrogates met acceptance criteria. No qualifications were applied.

The PCB method blanks were non-detect (ND) for all target compounds. No qualifications were applied.

No PCB equipment rinsate blank samples were submitted with these analytical packages. No qualifications were applied.

The PCB matrix spike/matrix spike duplicate (MS/MSD) performed on samples RES-VBB-023 (15D0869-01), RES-CBB-030 (15F0583-03), RES-CBC-036 (15F1437-01), RES-CBC-040 (15G0106-01), and RES-CBC-043 (15G0312-01) met recovery (40-140%) and relative percent difference (RPD) (≤50) acceptance criteria with the following exceptions:

LAB ID	SAMPLE ID	PCB-1016 (%) RPD	PCB-1260 (%) RPD	QUALIFIER
15G0106-01	RES-CBC-040	OK/OK/37.2/OK 95.8/84.4	OK/OK/37.4/OK 95.6/95.0	None, only 1 recovery for each Aroclor out and sample ND

The PCB laboratory control sample/laboratory control sample duplicate (LCS/LCSD) met recovery (40-140%) and RPD (≤30) acceptance criteria with the following exception:

COMPOUND	%R/%R/%R/%R (RPD)	IMPACTED SAMPLES	QUALIFIER
Aroclor-1260	OK/OK/OK/OK (32.6/OK)	All 15F1437 & 15F1439	None, samples ND

No PCB field duplicate samples were submitted with these analytical packages. No qualifications were applied.

The RPD between the column results for all detected PCBs met acceptance criteria with the following exception:

LAB ID	SAMPLE ID	PCB	RPD	QUALIFIER
15G0312-02	RES-CBB-044	1254	32	J

Data Check, Inc.
P.O. Box 29
81 Meaderboro Road
New Durham, NH 03855

Gloria J. Switalski:
President

Date: 11/4/2015

Project # 227361

APPENDIX D: WASTE DISPOSAL DOCUMENTS

150002 30yd3038
306235

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	40CFRPART761	1	860-257-6300	08176NONHAZ01

GENERATOR

5. Generator's Name and Mailing Address
Town of Fairfield/Fairfield Public School
1625 Mill Plain Road
Fairfield CT 06825
Generator's Phone:

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: **RED Technologies, LLC** — U.S. EPA ID Number: CTR000505958

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address
Minerva Enterprises, LLC
9000 Minerva Road
Waynesburg OH 44688
Facility's Phone: 330 866-3435

U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
X	1. **RQ UN3077, Environmentally hazardous substances, solid, n.o.s. (Polychlorinated Biphenyls, Asbestos) 9, PGIII**	001	CM	6363	KG
	2.				
	3.				
	4.				

13. Special Handling Instructions and Additional Information
1)Job #08-176 PCB Bulk Product Waste ERG#171
Cont# 3038 weight is Estimated

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: X SALVATORE MORABITO Mgr/Counsel FPS — Signature: Salvatore Morabito — Month 11 Day 21 Year 14

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Vinny Toledo Christian Krunk — Signature — Month 11 Day 22 Year 14
Transporter 2 Printed/Typed Name: X Rapid Trans LLC — Signature: X — Month 12 Day Year 14

DESIGNATED FACILITY

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name: Kim Roberts — Signature — Month 12 Day 2 Year 14

15C002

308717

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number

2. Page 1 of 1

3. Emergency Response Phone 203-269-8300

4. Waste Tracking Number AA15

GENERATOR

5. Generator's Name and Mailing Address
Town of Fairfield
725 Old Post Rd
Fairfield, CT 06824
Generator's Phone: 203-650-8083

Generator's Site Address (if different than mailing address)
Riverfield Elementary School
1625 Mill Plain Rd
Fairfield, CT 06824

6. Transporter 1 Company Name
TransWaste, Inc.
U.S. EPA ID Number

7. Transporter 2 Company Name
TransWaste, Inc.
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Minerva Enterprises, LLC
9000 Minerva S.E.
Waynesburg, OH 44688
Facility's Phone: 330-866-3435
U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1.	ACM Bulk Product Waste, doors, windows, paper, block, brick and non-friable asbestos	01	R/O	27	Yd
2.					
3.					
4.					

13. Special Handling Instructions and Additional Information

CAN # 499

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: SALVATORE MORABITO - FPS Mgr Const/Sec/Safety
Signature: Salvatore Morabito
Month: 1 Day: 30 Year: 15

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Luis Baez
Signature:
Month: 01 Day: 30 Year: 15

Transporter 2 Printed/Typed Name: Jeff Samide
Signature: Jeff Samide
Month: 1 Day: 30 Year: 15

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Sharon Dunne
Signature:
Month: 2 Day: 4 Year: 15

169-BLS-C 5 11979 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

15C002 308719A

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	1	203-269-8300	AAIS

GENERATOR

5. Generator's Name and Mailing Address
Town of Fairfield
7250 Old Post Rd
Fairfield, CT 06824
Generator's Phone: 203-650-0083

Generator's Site Address (if different than mailing address)
Riverfield Elementary School
1625 Mill Plain Rd
Fairfield, CT 06824

6. Transporter 1 Company Name: Trans Waste, Inc. — U.S. EPA ID Number:

7. Transporter 2 Company Name: Trans Waste, Inc. — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Minerva Enterprises, LLC
9000 Minerva SE.
Waynesburg, OH 44688
Facility's Phone: 330-866-3435
U.S. EPA ID Number:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Bulk Product PCB waste, doors, windows, paper block, brick and Non-friable asbestos	01	R/O	27	Y/D	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
can 300

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: SALVATORE MORABITO - FPS MGR OF CONSTR/SEC/SAFETY — Signature: Salvatore Morabito — Month: 1 — Day: 30 — Year: 15

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Ron Prisco — Signature: [signature] — Month: 1 — Day: 30 — Year: 15

Transporter 2 Printed/Typed Name: Charlie Knowles — Signature: Charlie Knowles — Month: 1 — Day: 30 — Year: 15

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number:
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Kristin Lobbs — Signature: [signature] — Month: 2 — Day: 4 — Year: 15

315112

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
40CFRPART761	1	860-257-6300	08176NONHAZ02

GENERATOR

5. Generator's Name and Mailing Address
Town of Fairfield/Fairfield Public School
1625 Mill Plain Road
Fairfield CT 06825
Generator's Phone:

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name — U.S. EPA ID Number

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address
Minerva Enterprises, LLC
9000 Minerva Road
Waynesburg OH 44688
Facility's Phone: 330 866-3435

U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt/Vol.
X	1. RQ UN3077, Environmentally hazardous substances, solid, n.o.s. (Polychlorinated Biphenyls, Asbestos) 9, PGIII	001	CM		K
	2.				
	3.				
	4.				

13. Special Handling Instructions and Additional Information
1)Job #08-176 PCB Bulk Product Waste weight is an estimate 750ppm
Out of Service Date_____ ERG#171

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Salvatore Morabito FPS Mgr of Constr. | Signature: Salvatore Morabito | Month: 6 | Day: 22 | Year: 15

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Brown Transport | Signature: Delmar Brown | Month: 6 | Day: 22 | Year: 15

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: K Loftus | Signature: K Loftus | Month: 6 | Day: 23 | Year: 15

3/5/14

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	40CFRPART761	1	860-257-6300	08176NONHAZ03

GENERATOR

5. Generator's Name and Mailing Address
Town of Fairfield/Fairfield Public School
1625 Mill Plain Road
Fairfield CT 06825
Generator's Phone:

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name — U.S. EPA ID Number

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address
Minerva Enterprises, LLC
9000 Minerva Road
Waynesburg OH 44688
Facility's Phone: 330-866-3435

U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
X	1. RQ UN3077, Environmentally hazardous substances, solid, n.o.s. (Polychlorinated Biphenyls, Asbestos) 9, PGIII	001	CM	50 yd³	K	
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information
1)Job #08-176 PCB Bulk Product Waste weight is an estimate
Out of Service Date_____ ERG#171 750ppm.

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Salvatore Morabito FR MGR. of Constr | Signature: Salvatore Morabito | Month: 6 | Day: 22 | Year: 15

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Brown Trucking | Signature: Dennis Brown | Month: 6 | Day: 22 | Year: 15

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Kim Roberts | Signature | Month: 6 | Day: 23 | Year: 15

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	40CFRPART761	1	860-257-6300	08176NONHAZ04

GENERATOR

5. Generator's Name and Mailing Address
Town of Fairfield/Fairfield Public School
1625 Mill Plain Road
Fairfield CT 06825
Generator's Phone:

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name — U.S. EPA ID Number

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address
Minerva Enterprises, LLC
9000 Minerva Road
Waynesburg OH 44688
Facility's Phone: 330 866-3435

U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
X	1. RQ UN3077, Environmentally hazardous substances, solid, n.o.s. (Polychlorinated Biphenyls, Asbestos) 9, PGIII	001	CM	80 yds	K	
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information
1)Job #08-176 PCB Bulk Product Waste weight is an estimate
Out of Service Date_____ ERG#171
750 ppm.

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Salvatore Morabito FPS Mgr of Constr — Signature: Salvatore Morabito — Month: 6 — Day: 22 — Year: 15

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: BRent Brown Trucking — Signature — Month: 6 — Day: 22 — Year: 15

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: W L Groves — Signature: W L Groves — Month: 6 — Day: 23 — Year: 15

3/5/16

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	40CFRPART761	1	860-257-6300	08176NONHAZ05

GENERATOR

5. Generator's Name and Mailing Address

Town of Fairfield/Fairfield Public School
1625 Mill Plain Road
Fairfield CT 06825

Generator's Site Address (if different than mailing address)

Generator's Phone:

6. Transporter 1 Company Name — U.S. EPA ID Number

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address — U.S. EPA ID Number

Minerva Enterprises, LLC
9000 Minerva Road
Waynesburg OH 44688

Facility's Phone: ~~330-866-3435~~

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
X	1. RQ UN3077, Environmentally hazardous substances, solid, n.o.s. (Polychlorinated Biphenyls, Asbestos) 9, PGIII	001	CM	7 Cyds	K	
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information

1) Job #08-176 PCB Bulk Product Waste weight is an estimate
Out of Service Date_____ ERG#171

750ppm.

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Salvatore Morabito MGR OF FPS Constr. — Signature: Salvatore Morabito — Month: 6 — Day: 22 — Year: 15

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Brown Transport / Weisel Trucking — Signature — Month: 6 — Day: 22 — Year: 15

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Sharon Dunne — Signature — Month: 6 — Day: 23 — Year: 15

315143

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	40CFRPART761	1	860-257-6300	08176NONHAZ06

GENERATOR

5. Generator's Name and Mailing Address
Town of Fairfield/Fairfield Public School
1625 Mill Plain Road
Fairfield CT 06825
Generator's Phone:

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name — U.S. EPA ID Number

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address
Minerva Enterprises, LLC
9000 Minerva Road
Waynesburg OH 44688
Facility's Phone: 330 866-3435

U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
X	1. RQ UN3077, Environmentally hazardous substances, solid, n.o.s. (Polychlorinated Biphenyls, Asbestos) 9, PGIII	001	CM	65	K
	2.				
	3.				
	4.				

13. Special Handling Instructions and Additional Information
1)Job #08-176 PCB Bulk Product Waste weight is an estimate
Out of Service Date_____ ERG#171
750ppm.

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Salvatore Morabito FPS Mgmt of Constr — Signature: Salvatore Morabito — Month: 6 Day: 22 Year: 15

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Green Outlook (weigh) — Signature — Month: 6 Day: 22 Year: 15
Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name: K Lofts — Signature: K Lofts — Month: 6 Day: 23 Year: 15

15C002 315711

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	40CFRPART761	1	860-257-6300	08176NONHAZ07

GENERATOR

5. Generator's Name and Mailing Address
Town of Fairfield/Fairfield Public School
1625 Mill Plain Road
Fairfield CT 06825
Generator's Phone:

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name — U.S. EPA ID Number

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address — U.S. EPA ID Number
Minerva Enterprises, LLC
9000 Minerva Road
Waynesburg OH 44688
Facility's Phone: ~~330 866 3435~~

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
X	1. RQ UN3077, Environmentally hazardous substances, solid, n.o.s. (Polychlorinated Biphenyls, Asbestos) 9, PGIII See attached	001	CM	75yds	K
	2.				
	3.				
	4.				

13. Special Handling Instructions and Additional Information
1)Job #08-176 PCB Bulk Product Waste weight is an estimate
Out of Service Date_____ ERG#171

750ppm.

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Salvatore Morabito FPS Mgr of Constr — Signature: Salvatore Morabito — Month 6 Day 22 Year 15

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Wenger Trucking. — Signature — Month 6 Day 22 Year 15

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Sharon Dunne — Signature — Month 7 Day 7 Year 15

150002 315794

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	40CFRPART761	1	860-257-6300	08176NONHAZ08

5. Generator's Name and Mailing Address
Town of Fairfield/Fairfield Public School
1625 Mill Plain Road
Fairfield CT 06825
Generator's Phone:

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: Weigle Trucking — U.S. EPA ID Number

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address
Minerva Enterprises, LLC
9000 Minerva Road
Waynesburg OH 44688
Facility's Phone: 330 866-3435
U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
X	1. RQ UN3077, Environmentally hazardous substances, solid, n.o.s. (Polychlorinated Biphenyls, Asbestos) 9, PGIII See attached	001	CM	75yds	K	
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information
1)Job #08-176 PCB Bulk Product Waste weight is an estimate 750ppm.
Out of Service Date_____ ERG#171

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Salvatore Morabito / FPS Mgr/Constr — Signature: Salvatore Morabito — Month 06 Day 24 Year 15

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Kevin Bean — Signature: Kevin Bean — Month 06 Day 24 Year 15

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Sharon Dunne — Signature — Month 7 Day 7 Year 15

169-BLC-O 6 10498 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

315259

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
40CFRPART761	1	860-257-6300	08176NONHAZ09

GENERATOR

5. Generator's Name and Mailing Address
Town of Fairfield/Fairfield Public School
1625 Mill Plain Road
Fairfield CT 06825
Generator's Phone:

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name — U.S. EPA ID Number

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address
Minerva Enterprises, LLC
9000 Minerva Road
Waynesburg OH 44688
Facility's Phone: 330 866 3435

U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
X	1. RQ UN3077, Environmentally hazardous substances, solid, n.o.s. (Polychlorinated Biphenyls, Asbestos) 9, PGIII	001	CM		K
	2.				
	3.				
	4.				

13. Special Handling Instructions and Additional Information
1)Job #08-176 PCB Bulk Product Waste weight is an estimate
Out of Service Date_____ ERG#171
750 ppm.

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Salvatore Morabito / FPS Mgr of Constr — Signature: Salvatore Morabito — Month: 06 Day: 24 Year: 15

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Brown Transport — Signature: Delmas Brown — Month: 6 Day: 24 Year: 15

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: [illegible] — Signature: [illegible] — Month: 6-25 Day Year: 15

150002 315733 30yd 3087

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	40CFRPART761	1	860-257-6300	08176NONHAZ19

5. Generator's Name and Mailing Address
Town of Fairfield/Fairfield Public School
1625 Mill Plain Road
Fairfield CT 06825
Generator's Phone:

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: RED Technologies, LLC
U.S. EPA ID Number: CTR000505958

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Minerva Enterprises, LLC
9000 Minerva Road
Waynesburg OH 44688
Facility's Phone: 330 866-3435
U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
X	1. NA2212, [redacted] (PCB Bulk Product Waste) 9, PGIII	001	CM	5900	K
	2.				
	3.				
	4.				

13. Special Handling Instructions and Additional Information
1) Job #08-176 PCB Bulk Product Waste <50ppm weight is estimated Out of Service Date 06/25/15 ERG#171

Can #3087

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name | Signature: Salvatore Mirabito | Month 06 Day 29 Year 15

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Carl Sherman | Signature: Carl Sherman | Month 06 Day 29 Year 15
Transporter 2 Printed/Typed Name: Conrado Seoma | Signature: [signature] | Month 07 Day 6 Year 2015

DESIGNATED FACILITY

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name: Chris | Signature: [signature] | Month 7 Day 7 Year 15

169-BLC-O 6 10498 (Rev. 9/09) DESIGNATED FACILITY TO GENERATOR

15C002 316557 30yd 3060

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	40CFRPART761	1	860-257-6300	08176NONHAZ20

5. Generator's Name and Mailing Address
Town of Fairfield/Fairfield Public School
1625 Mill Plain Road
Fairfield CT 06825
Generator's Phone:

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: RED Technologies, LLC — U.S. EPA ID Number: CTR000505958

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address
Minerva Enterprises, LLC
9000 Minerva Road
Waynesburg OH 44688
Facility's Phone: ~~330 856 3435~~ — U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
X	1. ~~NA2212, Asbestos~~ (PCB Bulk Product Waste) ~~9, PGIII~~ Non-RCRA, Non-DOT Regulated Material	001	CM	15	K
	2.				
	3.				
	4.				

13. Special Handling Instructions and Additional Information
1) Job #08-176 PCB Bulk Product Waste <50ppm weight is estimated Out of Service Date 7/14/15 ERG#171
cont 3060 weights is estimated

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name — Signature: Salvatore Mirabito — Month Day Year

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Abel D. Espinal — Signature — Month 7 Day 14 Year 15

Transporter 2 Printed/Typed Name: Stephen Ellis — Signature — Month 7 Day 14 Year 15

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

17b. Alternate Facility (or Generator) — Manifest Reference Number: — U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Sharon Dunne — Signature — Month Day Year

GENERATOR | INT'L | TRANSPORTER | DESIGNATED FACILITY

150002 30yd.3074

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number: 40CFRPART761
2. Page 1 of: 1
3. Emergency Response Phone: 860-257-6300
4. Waste Tracking Number: 08176NONHAZ21

5. Generator's Name and Mailing Address
Town of Fairfield/Fairfield Public School
1625 Mill Plain Road
Fairfield CT 06825
Generator's Phone:

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: RED Technologies, LLC
U.S. EPA ID Number: CTR000505958

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Minerva Enterprises, LLC
9000 Minerva Road
Waynesburg OH 44688
Facility's Phone: 330 866-3435
U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
X	1. ~~NA2212, [illegible] 9, PGIII~~ Non-RCRA, Non-Regulated Material (PCB Bulk Product Waste)	001	CM	15,000	K
	2.				
	3.				
	4.				

13. Special Handling Instructions and Additional Information
1) Job #08-176 PCB Bulk Product Waste <50ppm weight is estimated Out of Service Date 07/13/15 ERG#171

Can# 3074

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.
Generator's/Offeror's Printed/Typed Name
Signature: Salvatore Morabito
Month Day Year: 07/15/15

INT'L
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER
16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Carl Sherman
Signature: Carl Sherman
Month Day Year: 07/15/15
Transporter 2 Printed/Typed Name
Signature
Month Day Year: 7/21/15

DESIGNATED FACILITY
17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
17b. Alternate Facility (or Generator) Manifest Reference Number:
U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name
Signature
Month Day Year: 7 22 15

169-BLC-O 6 10498 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

15C002 192 - 50 30yd-3033

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	40CFRPART761	1	860-257-6300	08176NONHAZ23

GENERATOR

5. Generator's Name and Mailing Address
Town of Fairfield/Fairfield Public School
1625 Mill Plain Road
Fairfield CT 06825
Generator's Phone:

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: RED Technologies, LLC. U.S. EPA ID Number: CTR000505958

7. Transporter 2 Company Name: U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Minerva Enterprises, LLC
9000 Minerva Road
Waynesburg OH 44688
Facility's Phone: 330 866-3435
U.S. EPA ID Number:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
X	1. NA2212, ~~Asbestos~~ (PCB Bulk Product Waste) 9, PGIII	001	CM	7200	K
	2.				
	3.				
	4.				

13. Special Handling Instructions and Additional Information
1) Job #08-176 PCB Bulk Product Waste <50ppm weight is estimated Out of Service Date 07/14/15 ERG#171

Can# 3033

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Salvatore Morabito Signature: Salvatore Morabito Month: 07 Day: 28 Year: 15

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Carl Sherman Signature: Carl Sherman Month: 07 Day: 28 Year: 15

Transporter 2 Printed/Typed Name: Speedway Transport Signature: John Daniels Month: 7 Day: 31 Year: 15

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) U.S. EPA ID Number:
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: [illegible] Signature: W L GROVES Month: 8 Day: 1 Year: 15

150002 - 317605 30yd +50 30616

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	40CFRPART761	1	860-257-6300	08176NONHAZ16

GENERATOR

5. Generator's Name and Mailing Address

Town of Fairfield/Fairfield Public School
1625 Mill Plain Road
Fairfield CT 06825

Generator's Site Address (if different than mailing address)

Generator's Phone:

6. Transporter 1 Company Name: Red Technologies LLC — U.S. EPA ID Number: CTR000505958

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address

Minerva Enterprises, LLC
9000 Minerva Road
Waynesburg OH 44688

U.S. EPA ID Number

Facility's Phone: 330 866-3435

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
X	1. RQ UN3077, Environmentally hazardous substances, solid, n.o.s. (Polychlorinated Biphenyls, Asbestos) 9, PGIII	001	CM	7800	K	
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information

1)Job #08-176 PCB Bulk Product Waste weight is an estimate
Out of Service Date 07/29/15 ERG#171

Can # 3066

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name — Signature: Salvatore Morabito — Month 07 Day 31 Year 15

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Carl Sherman — Signature: Carl Sherman — Month 07 Day 31 Year 15

Transporter 2 Printed/Typed Name: Brown Transport — Signature: Delmar Brown — Month 8 Day 6 Year 15

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Sharon Dunne — Signature — Month 8 Day 7 Year 15

150002 18035 30yd-117

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	40CFRPART761	1	860-257-6300	08176NONHAZ22

GENERATOR

5. Generator's Name and Mailing Address
Town of Fairfield/Fairfield Public School
1625 Mill Plain Road
Fairfield CT 06825
Generator's Phone:

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: RED Technologies, LLC — U.S. EPA ID Number: CTR000505958

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address
Minerva Enterprises, LLC
9000 Minerva Road
Waynesburg OH 44688
Facility's Phone: 330 866 3435 — U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
X	1. NA2212, Asbestos (PCB Bulk Product Waste) 9, PGIII	001	CM	10,500	K
	2.				
	3.				
	4.				

13. Special Handling Instructions and Additional Information
1) Job #08-176 PCB Bulk Product Waste <50ppm weight is estimated Out of Service Date 07/15/2015 ERG#171

Cat #3017

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name — Signature: Salvatore Morabito — Month 08 Day 04 Year 15

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Carl Sherman — Signature: Carl Sherman — Month 08 Day 04 Year 15

Transporter 2 Printed/Typed Name: WEST — Signature: [illegible] — Month 8 Day 11 Year 15

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Sharon Rume — Signature: [signature] — Month 8 Day 18 Year 15

15002 315528 30yd. 3082

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	40CFRPART761	1	860-257-6300	08176NONHAZ17

5. Generator's Name and Mailing Address
Town of Fairfield/Fairfield Public School
1625 Mill Plain Road
Fairfield CT 06825
Generator's Phone:

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: RED Technologies, LLC.
U.S. EPA ID Number: CTR000505958

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Minerva Enterprises, LLC
9000 Minerva Road
Waynesburg OH 44688
Facility's Phone: 330 866-3435
U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit WL/Vol.
X	1. ~~NA2212, Asbestos (PCB Bulk Product Waste)~~ NON-RCRA, 9; ~~PGIII~~ NON-DOT Regulated Material	001	CM	75	K
	2.				
	3.				
	4.				

13. Special Handling Instructions and Additional Information
~~1) Job #08-176 PCB Bulk Product Waste <50ppm weight is estimated Out of Service Date~~ 6/25/15 ERG#171
<50ppm

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Salvatore Morabito - FPS Mgr of Construction
Signature: Salvatore Morabito
Month: 6 Day: 25 Year: 15

INT'L
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER
16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Jason Klock
Signature:
Month: 6 Day: 25 Year: 15
Transporter 2 Printed/Typed Name: Chris Myl (Green Outlook)
Signature:
Month: 6 Day: 29 Year: 15

DESIGNATED FACILITY
17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name: Sharon Dunne
Signature:
Month: 7 Day: 1 Year: 15

Red Technologies

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	1	860-257-8300	08176NH001

GENERATOR

5. Generator's Name and Mailing Address
Riverfield School
1625 Mill Plain Road
Fairfield CT
Generator's Phone:

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: Red Technologies LLC — U.S. EPA ID Number

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address
Turnkey Landfill
97 Rochester Neck Road
Rochester NH 03869
Facility's Phone: 800 847-5303

U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-RCRA, non-DOT Regulated Material (PCB Remediation Waste <50ppm)	001	CM	2,200	K	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1)(S) Job #08-176 PCB Remediation Waste <50ppm weight is estimated
out of service date 12-23-15
Approval#NH488607
Can #3095

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name	Signature	Month	Day	Year
Salvatore Mascari - Maintenance FTS	Salvatore Mascari	12	16	15

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
Carl Sherman	Carl Sherman	12	17	15
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name	Signature	Month	Day	Year
Paula Lewis	Paula Lewis	12	21	15

COPY

APPENDIX E: CERTIFICATION

WOODARD &CURRAN

Certification

In accordance with Condition 27 of EPA's July 22, 2014 PCB Cleanup and Risk-Disposal Approval under 40 CFR 761.61(a) and (c) (the Approval), the undersigned party responsible for conducting the cleanup certify that the authorized clean-up activities were implemented in accordance with the Approval and the Notification.

Document Location

Fairfield Public Schools
501 Kings Highway East
Fairfield, CT 06825

Property Owner and Party Conducting the Cleanup

Salvatore Morabito — 1/13/2016

Authorized Signature — *Date*

Salvatore Morabito

Name of Authorized Representative (Print)

Manager of Construction, Security, and Safety

Title