FINAL COMPLETION REPORT
PCB AND ASBESTOS ABATEMENT AND DISPOSAL

THE AGASSIZ ELEMENTARY SCHOOL
EXTERIOR WINDOWS AND DOORWAYS
JAMAICA PLAIN, MASSACHUSETTS

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Prepared for:

CSS Architects, Inc.
107 Audubon Road
Wakefield, Massachusetts 01880

Prepared by:

ATC Associates Inc.
600 West Cummings Park, Suite 5500
Woburn, Massachusetts 01801
(781) 932-9400

ATC Project No. 60.03187.0024

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1.0 INTRODUCTION

ATC Associates Inc. (ATC) has prepared this Final Completion Report for polychlorinated biphenyl (PCB) and asbestos abatement and disposal activities conducted at the Agassiz Elementary School, located at 20 Child Street, Jamaica Plain, Massachusetts ("Site"). Figure 1 Locus Map shows the Site location.

Work was performed to support the Agassiz School Window Replacement PFD Project No. 6891 ("Project"), on behalf of CSS Architects, Inc. (CSS), the architect for the Project. Work was conducted in accordance with ATC Proposal No. 060-2009-0627 dated October 30, 2009, as modified by ATC Change Order 1 dated December 16, 2009 and revised December 22, 2009, ATC Change Order No. 2 dated February 5, 2010, and the Toxic Substances Control Act (TSCA) at 40 CFR 761.61(b).

Investigations of caulk and glazing sampled from exterior window and door openings determined that sealant material (i.e., caulking and glazing) contained, in some locations, PCB and/or asbestos at levels in excess of applicable regulatory levels. Abatement specifications for these materials were prepared by ATC and distributed by CSS to project contractors. The abatement specifications included direction for abating, storing and disposing of PCB and/or asbestos-containing sealant material at the Site. Abatement and waste management activities occurred from December 28, 2010 to April 23, 2010. ATC completed Site investigation and monitoring activities between November 3, 2009 and April 22, 2010.

This Final Completion Report provides concise documentation of the work completed. This document should be maintained by the building owner until the building is demolished. This report provides:

- Characterization sampling analytical results, accompanying analytical chains of custody, and field and laboratory quality control/quality assurance checks;
- A summary of abatement activities;
- Confirmation sampling analytical results, accompanying analytical chains of custody, and field and laboratory quality control/quality assurance checks; and
- Copies of waste disposal documentation and certificates of disposal issued by the disposer.

PCB abatement was performed in accordance with 40 CFR 761.61(b). Under 40 CFR 761.61(b) all materials suspected to contain PCBs, abatement tools, containment materials and PPE are managed as containing >/= 50 ppm. Prior approval from the United State Environmental Protection Agency (EPA) is not required to complete the work. ATC did consult with the EPA and provided regular updates on the project and PCB sampling results from November 18, 2009 through January 19, 2010. This included providing initial sealant sampling results and conceptual abatement approach in a November 18, 2009, e-mail and the PCB Abatement Technical Specification on December 13, 2009, prior to the start of abatement work. ATC prepared the Technical Specification to incorporate the requirements of 40 CFR 761.61(b) and input received from the EPA.

The Technical Specification required that the abatement contractor, A&A Window Products of Malden, MA (A&A) and their subcontractor CCS Environmental, of Brockton, MA (CCS) make a submittal providing details on waste removal methods, storage and disposal. To meet this requirement, CCS submitted a December 24, 2009, PCB Abatement Submittal Plan ("Plan"). ATC provided review comments on January 11, 2010, and A&A and CCS provided supplemental information to address ATC's comments.

Asbestos activities were completed by Massachusetts Division of Occupational Safety (DOS) certified Asbestos workers and in accordance with EPA guidance document titled, "Guidance for Controlling Asbestos-Containing Materials in Buildings" (Document No. 560/5-85-024).

2.0 CHARACTERIZATION SAMPLING

This section provides a summary of Site characterization sampling activities, analytical results, and accompanying laboratory quality control/quality assurance checks.

2.1 INITIAL ASBESTOS SAMPLING

A survey for asbestos containing material (ACM) was performed by Yee Consulting Group (Yee) on September 5, 2007. A total of 27 bulk samples were collected and 18 analyzed to determine asbestos content. The samples were analyzed by polarized light microscopy (PLM) via EPA Method 600/R-93/116. The results indicated that the black interior window glazing and black exterior window caulking contained asbestos. The black exterior window caulking was reportedly associated with one window (Classroom No. 106) on the north side of the Site building.

ATC performed a limited ACM survey in September 2008**.** The survey involved reviewing the Yee asbestos survey report, visual inspections, bulk sampling and laboratory analysis. The asbestos survey was performed by an ATC-DOS certified Asbestos Inspector and in accordance with the EPA's "Guidance for Controlling Asbestos-Containing Materials in Buildings" (Document No. 560/5-85-024).

On September 30, 2008, ATC collected a total of 12 samples of suspect ACM, with 10 analyzed to determine asbestos content. Asbestos was identified in the brown exterior window caulking and black interior window glazing. These ACM were observed in all areas of the Site except the Dining Hall.

A summary of these results and associated analytical chains of custody and laboratory quality control/quality assurance checks were presented to CSS in ATC's *Limited Asbestos-Containing Material Inspection* report dated October 9, 2008. This ACM survey information was incorporated into the Technical Specifications prepared by ATC for asbestos abatement.

2.2 INITIAL SEALANT PCB SAMPLING

On November 3, 2009, ATC visited the Site to collect associated representative window caulking and glazing samples for PCB laboratory analysis. Caulking and glazing were

observed on all windows. ATC collected 6 exterior caulk samples, 3 interior caulk samples, 2 exterior glazing samples, and 3 interior glazing samples for a total of 14 samples. All samples were submitted under chain of custody to New England Testing Laboratory, Inc. (NETLAB) for extraction by EPA Method 3540C (Soxhlet Method) and analysis of PCB via EPA method 8082. Four (4) of the 14 samples were also analyzed for Toxicity Characteristic Leaching Procedure (TCLP)-lead.

Four (4) of the caulk samples (Sample Nos. 2, 3, 4 and 12) did not contain PCBs above the laboratory reporting limit of 1 ppm. PCBs were also not detected above the laboratory limit in caulk Sample Nos. 2, 3 and 4 which had elevated detection limits of 35, 32 and 33 ppm, respectively. PCBs were reported in all 5 glaze samples and the remaining 5 caulk samples.

PCBs were detected at or above 50 ppm in 3 glazing samples (Sample Nos. 7, 10 and 14) and 1 caulking sample (Sample No 8). 50 ppm is the TSCA regulatory threshold for a PCB Bulk Product Waste as defined by 40 CFR 761. These materials require removal and management at an appropriately permitted TSCA waste management facility in accordance in TSCA.

PCBs were detected at concentrations >/= 1 ppm and < 50 ppm in 4 caulk samples (Samples Nos. 6, 9, 11 and 13). PCBs were detected at concentrations >/= 1 ppm and < 50 ppm in 2 glazing samples (Sample Nos. 1 and 5).

Of the four samples that TCLP lead analysis was performed, three (Sample Nos. 8, 10 and 14) were non-detect above the laboratory limits and one sample was reported as 17.5 milligrams per liter (mg/l) (Sample No 7). This indicated that the brown glazing associated with the sample was both a PCB Bulk Product Waste and may be a characteristically hazardous waste since the TCLP lead level is greater than 5 mg/l.

PCB results are summarized in the attached Table 1. The Exterior Demolition Elevation Drawings found in Appendix A show the approximate sampling location. A copy of the PCB and TCLP laboratory analytical results are included in Appendix B. A summary of these results and associated analytical chains of custody and laboratory quality control/quality assurance checks were presented to CSS in ATC's *PCB in Caulk and Glazing Evaluation* letter report dated November 16, 2009.

2.3 SUPPLEMENTAL BUILDING MATERIAL SAMPLING

Additional samples were collected during the Project as summarized below.

2.3.1 December 30, 2009 Sampling

To determine the TCLP lead values for the full waste stream associated with the removed window, the area associated with November 2009 Samples 7 and 7A was resampled on December 30, 2009. Two composite samples ("Location 7A" and "Location 7B") were collected from the removed window and included portions of plexi-glass, metal, caulking, and glazing. This sampling approach was meant to provide a representation of the total

TCLP lead value associated with the whole window unit. TCLP lead concentrations were 5.10 mg/l and 5.30 mg/l, respectively.

The TCLP results are summarized in the attached Table 1. The drawings in Appendix A show the approximate sampling location. A copy of the TCLP laboratory analytical results is included in Appendix B. A summary of these results and associated analytical chains of custody and laboratory quality control/quality assurance checks were presented to CSS in ATC's *Laboratory Analysis Results-TCLP Lead* report dated January 5, 2010.

2.3.2 February 18, 2010 Sampling

At the request of a February 17, 2010, email from Mr. Chris Clocher of CSS, on February 18, 2010, ATC collected the following 5 caulking samples:

- Lintel caulk from the exterior roof door of Stair No. 4 (ATC Sample No. 1/Stair D Roof Door);
- Threshold caulk from the exterior roof door of Stair No. 3 (ATC Sample No. 3/Stair C Roof Door);
- Threshold caulk from the exterior roof door of Stair No. 2 (ATC Sample No. 4/Stair B Roof Door);
- Lintel caulk from the exterior roof door of Stair No. 3 (ATC Sample No. 5/Stair C Roof Door); and
- Lintel caulk from the exterior roof door of Stair No. 2 (ATC Sample No. 2/Stair B Roof Door).

Samples were submitted under chain of custody to NETLAB for extraction by EPA Method 3540C (Soxhlet Method) and analysis of PCB via EPA method 8082. A portion of each sample was also submitted under chain of custody to AmeriSci Boston (AmeriSci) of Weymouth, Massachusetts for analysis of asbestos via polarized light microscopy (PLM). For asbestos analysis, the samples were split to create a total of two samples (A and B), which allowed for accurate detection of false-positive or false-negative reporting. Note some of the asbestos samples were mislabeled on the associated chain of custody. ATC Sample No. 3A was labeled as Stair "D", but was collected from Stair "C", ATC Sample No. 4B was labeled as Stair "D", but was collected from Stair "B", and ATC Sample No. 1 was described as "caulk on door", but it was collected from the door lintel.

No samples contained PCBs above the laboratory reporting limit of 1 ppm. Therefore, the caulking sampled from the exterior roof doors at Stair Nos. 2, 3, and 4 are not a regulated PCB Waste, as defined by 40 CFR 761 and did not have to be managed as such.

The black door lintel caulk from the exterior roof door of Stair No. 4 (ATC Sample No. 1/Stair D Roof Door) contained 5% chrysotile asbestos. The black door threshold caulk from the exterior roof door of Stair No. 3 (ATC Sample No. 3/Stair C Roof Door) contained 10% chrysotile asbestos. None of the other samples contained asbestos above the laboratory detection limit of 1%.

Based on the review of the asbestos laboratory results, ATC concluded that the black door lintel caulk from the exterior roof door of Stair No. 4 (ATC Sample No. 1/Stair D Roof

Door) and black door threshold caulk from the exterior roof door of Stair No. 3 (ATC Sample No. 3/Stair C Roof Door) be abated, managed and disposed in accordance with applicable asbestos abatement specifications associated with the Project.

The PCB and asbestos results are summarized in the attached Table 1. The approximate sampling locations are shown on the Drawings in Appendix A. Laboratory analytical results are included in Appendix B. A summary of these results and associated analytical chains of custody and laboratory quality control/quality assurance checks were presented to CSS in ATC's *Laboratory Analysis Results-PCB and Asbestos* report dated March 3, 2010.

3.0 ABATEMENT ACTIVITIES

This section provides a summary of PCB and asbestos abatement and Site abatement activities.

3.1 SEALANT ABATEMENT

PCB and/or asbestos-containing sealants and window/door components were removed from December 28, 2009 through April 20, 2010. Following is a summary of PCB and asbestos abatement work activities.

Window and door replacement activities were performed by A&A as general contractor. CCS was A&A's abatement subcontractor for the removal of window and door frames, and PCB and/or asbestos-containing sealant materials associated with the Project. EQ Northeast, Inc. (EQ) of Wrentham, Massachusetts was hired by CCS to provide off-site waste disposal services. The City of Boston contracted with CSS to monitor sealant, door and window installation for compliance with the manufacturer's requirements for Site work. ATC monitored abatement, storage and disposal activities for compliance with federal, state and local regulatory guidelines as a subconsultant to CSS.

Work zones were established in accordance with the Project's Site Specific Health and Safety Plan (HASP). Window, door and associated sealant removal activities were conducted on ground level, fixed support staging or boom-type lifts. The abatement work area was sealed off from the interior of the building using temporary wood framed structures and 6-mil polyethylene sheeting to contain debris. Polyethylene sheeting was also placed on the ground immediately beneath work areas. At the end of each work shift the work area was inspected and sealant debris not captured was picked up by hand or with vacuums.

Any sealant debris collected within the enclosures was managed as PCB Bulk Product Waste.

All ground and fixed staging work areas undergoing active sealant removal were classified as Exclusion Zones (Hot Zones). A Contamination Reduction Zone (CRZ) was established adjacent to each active Exclusion Zone. All personnel exiting the Exclusion Zone were required to pass through the CRZ for the removal of PPE.

Once the support zones were established accessible caulking was removed between the metallic window and door frames and the building, consisting of pre-cast concrete walls and brick using hand tools. Hand held scrapers were used for all caulk cleaning. Powered scrapers and grinders were not used. The windows and doors were then removed and managed as PCB Bulk Product Waste. Residual caulk observed on the surrounds was removed. At the conclusion of each work shift any material that may have fallen onto the polyethylene sheeting was collected and managed with as PCB Bulk Product Waste.

All PPE and disposable tools were placed in 6-mil poly bags. At the conclusion of each work day the bags were tied shut and transported to the on-Site roll-off for storage until disposal, consistent with 40 CFR 761.61(b) and 761.62. All tools used for the removal of impacted sealant were decontaminated with hexane or diesel wipes within the CRZ zone at the conclusion of each work day.

A support zone was established to the east of The Agassiz School. Equipment, supplies, materials and waste were stored in this area within lockable containers. The containers were kept locked when not actively in use.

PCB and asbestos-containing caulk, glazing, and window and door materials which had direct contact with the PCB-containing materials were temporarily stored in an approximately 30 cubic yard five-sided steel roll-off waste storage container. The storage container had a rolling tarp to enclose the waste and was locked by padlock at all times when not actively being used.

Upon completing sealant, window and door frame removal, ATC visually inspected the area for abatement completeness. If residual sealant was observed to be present additional removal was performed and another inspection was performed. Once the areas were observed to be visually clear, final cleaning was performed using a HEPA vacuum and then wiped with hexane wetted rags. New PCB- and asbestos-free windows, doors and sealants were then installed.

3.2 WASTE STORAGE

Window, door, sealants and associated debris, PPE, and disposable tools were managed as PCB Bulk Product Waste and asbestos-containing waste. At the conclusion of each work day, these materials were transported to the on-Site roll-off for storage until disposal, consistent with 40 CFR 761.61(b) and 761.62, and 453 CMR 6.00 and Massachusetts Department of Environmental Protection (MassDEP) 7.15 U Asbestos.

A fenced waste storage area was established on the playing fields to the east of The Agassiz School. This area was kept locked when not actively in used. PCB- and/or asbestos-containing window and door materials, and sealants were temporarily stored in an approximately 30 cubic yard steel roll-off waste storage container. The storage container was placarded on all sides as containing PCB waste with markings meeting the requirements of 40 CFR 761.40 and 761.45. Since some materials also contained asbestos, the required asbestos placards were also used. The storage container had a rolling tarp to enclose the waste and was locked by padlock at all times when not actively being used.

The approximately 50 kilograms of waste generated on April 20, 2010 was stored in a locked room within the Site building until it was transported for proper off-site disposal on April 23, 2010.

3.3 EQUIPMENT DECONTAMINATION

At the conclusion of each work day, all PCB and/or asbestos abatement equipment received a double wipe with a hexane or diesel soaked rag and then wiped down with a clean rag or disposed in the waste storage container as PCB Bulk Product Waste. The abatement equipment was stored in the secure staging area until the decontamination process was completed, or stored in the waste container until the container was transported off-Site for proper disposal.

4.0 QUALITY CONTROL AND CONFIRMATION SAMPLING

This section summarizes the multi-facetted quality control program implemented during the Project tasks.

4.1 SITE VISITS

ATC conducted regular Site visits to observe and record work progress. During these visit, ATC visually reviewed the quality and completeness of removal of PCB- and/or asbestos-containing sealants and associated materials; containment effectiveness, conformance of contractors work activities with the Plan and specifications, waste management and disposal procedures. Sealant removal inspections were completed at every location before new sealant materials were installed. Site Logs/Site Checklists completed by ATC field staff are included in Appendix D.

4.2 PROGRESS MEETINGS

Regular progress meetings were held to review the work progress, quality issues and efforts to ensure compliance with the Plan and specifications. These meetings were attended on a regular basis by representatives of the City of Boston, ATC, CSS, A&A, and CCS.

4.3 CONFIRMATION PCB SAMPLING

As the work progressed, ATC collected confirmatory surround samples to evaluate if the PCBs observed in caulk and glazing had not impacted these materials.

4.3.1 Confirmatory Bulk Material Sampling

Bulk samples from the window and door surrounds in proximity of sealant joints where windows and doors were removed were sampled to evaluate if PCBs were present. Bulk samples were collected by ATC during the course of abatement activities, from December 2009 through April 2010 for PCB laboratory analysis. A summary of these results is provided below.

A total of 58 samples of masonry and seven (7) samples of polystyrene insulation adjacent to the masonry were taken from locations where door and window frames were removed and PCB-containing sealant abated. The initial sample plan was to collect four samples from 25% of the abated window/door surrounds. The four locations were:

- Masonry at depth intervals of 0”-0.5” from the outer/exterior portion, 0”-0.5” from the inner/interior portion, and 2” from the inner/interior portion adjacent to select window and door surrounds; and
- Polystyrene insulation material from select window and door surrounds.

A set of four samples as outlined above were collected from 6 locations (5, 7, 8, 9, 13 and 14). Lab analysis did not detect PCBs at concentrations above 1 ppm in any sample. These locations included areas where the highest PCB in sealant levels were previously observed.

Based on the initial results and subsequent consultation with EPA, the sampling was limited to one (1) sample per each window/door surround removed as of January 19, 2010. Samples were then collected from the masonry at depth intervals of 0”-0.5” from the outer/exterior portion adjacent to select window and door surrounds.

Lab analysis did not detect PCBs in any bulk material sample. The majority of the samples had an associated 1 ppm laboratory detection limit, with 3 samples having a 2 ppm detection limit.

The data indicate that the masonry and polystyrene insulation does not contain residual PCB above the associated laboratory detection limits and these materials were not impacted by the PCB Bulk Product Waste (sealants) removed from the area. Table 2 summarizes the locations and results. The figures in Appendix A show the approximate sampling location.

4.3.2 Confirmatory Wipe Sampling

Some door and window surrounds included metal lintels and sills. A total of eight (8) wipe samples from the non-porous window/door lintels and sills were taken from locations where door and window frames were removed and PCB-containing sealant was removed.

Wipe samples were collected within 6-inches of a sealant joint per standard wipe test protocols in accordance with 40 CFR § 761.123 utilizing the applicable procedures identified in Wipe Sampling and Double Wash/Rinse Cleanup as Recommended by the Environmental Protection Agency PCB Spill Cleanup Policy (June 23, 1987 Revised and Clarified on April 18, 1991). A one-use template was used to delineate the 100 cm^2 sampling area.

Lab analysis did not detect PCBs at concentrations above 0.2 micrograms per 100 square centimeters (ug/100cm2) for seven of the samples and 0.450 ug/100cm2 in the other sample. The data indicate that the window/door lintels and sills do not contain residual

PCB limits above the associated laboratory detection limits. Table 3 summarizes the locations and results. The figures in Appendix A show the approximate sampling location.

4.4 CONFIRMATORY AIR SAMPLING

Air sampling was conducted by ATC in and around the work area to determine the airborne asbestos fiber concentrations during and after abatement activities. The air sampling results document pre- and post-abatement, total ambient airborne fiber concentrations. If fiber concentrations exceed 0.01-fibers/cubic centimeter of air (f/cc), the fiber levels are considered elevated. This level is chosen because DOS regulations declare 0.01 f/cc to represent "clean air" following an asbestos abatement project. If airborne fiber results exceed 0.01 f/cc prior to work commencement, it may be difficult to meet these criteria at the completion of the Project. For this reason, steps must be taken to characterize and determine the origin of the fibers detected before the Project proceeds. Samples collected while the work area is being prepared (i.e., prior to actually removing the asbestos) are sometimes also referred to as background samples.

ATC collected a total of 97 air samples. This includes “baseline” samples collected before work began and “post-abatement” samples collected after the project was completed. Air samples were analyzed using Phase Contrast Microscopy (PCM) according to the NIOSH 7400 Method. This method is recognized by the U.S. Occupational Health and Safety Administration (OSHA), the U.S. EPA, and DOS for its ability to characterize total airborne asbestos fiber levels. Trained PCM analysts of ATC analyzed PCM air samples on-Site. All air samples were determined to contain less than 0.01 f/cc. There was no significant difference between the baseline, project related and post-abatement results. Refer to Appendix D for air sample results and copies of ATC Site Logs and Asbestos Air Sample Data Records.

4.5 LABORATORY QA/QC

All laboratory PCB was performed in accordance with EPA preparation and analytical methods. Samples were analyzed for PCBs following EPA Method 3540C for Soxhlet extraction and Method 8082 for analysis. ATC reviewed the laboratory QA/QC results included with each laboratory analytical report and the associated laboratory narratives. The EPA Method surrogate percent recovery was met for the majority of the samples, but not all. Some surrogate recovery QA/QC criteria were not reported or met due. For samples where PCBs were observed at concentrations > 50 ppm, ATC does not believe this impacts data usability. For samples where PCBs were reported at < 50 ppm, it is possible that this impacts data usability. However, based on the extensive data set and the fact that all surround samples were non-detect (ND) and all other materials sampled were managed as PCB Bulk Product Waste no matter what the actual PCB concentration, ATC does not believe this impacts data usability.

5.0 WASTE DISPOSAL

PCB-and asbestos containing waste generated at the Site included sealants, window and door components, contaminated polyethylene sheeting, PPE, and disposable contractor tools and equipment. Some of this waste also contained asbestos and was therefore managed as PCB- and asbestos-containing

waste. Waste was placed into double-polyethylene bags inside the work area and transported to the on-Site waste storage container.

It is estimated that 30,665 kilograms of PCB- and/or asbestos-containing waste was transported from the Site between January 21, 2010 and April 23, 2010. These materials were transported utilizing a Uniform Hazardous Waste Manifest and Waste Shipment Record. EQ was responsible for the transportation of the waste from the on-Site waste storage container to the Wayne Disposal landfill in Belleville, Michigan (EPA approved landfill MID048090633). The disposal facility provided a corresponding Certificate of Disposal for each manifest. The associated shipping and disposal documents are in Appendix C.

6.0 REFERENCES

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Figure

Locus Map

Source:
USGS 7.5 Minute
Jamaica Plain, MA Quadrangle Map
Scale: 1:25,000
(July 1, 1989)

ATC ASSOCIATES INC.

CSS Architects
Agassiz Elementary School
20 Child Street
Jamaica Plain, Massachusetts
ATC Project No. 060.03187.0024

Tables

Table 1

Sealant Samples - PCB, TCLP-Lead, and Asbestos Analytical Results
Agassiz Elementary School
Jamaica Plain, MA
ATC Project No. 060.03187.0024

Sample No.	1	2	3	4	5	6	7	7A	Location 7A	Location 7B	8	9	10	11	12	13	14
Material	Glaze	Caulk	Caulk	Caulk	Glaze	Caulk	Glaze	Glaze	Window Composite	Window Composite	Caulk	Caulk	Glaze	Caulk	Caulk	Caulk	Glaze
Color	Black	Light Brown	Black	Gray	Black	Brown	Brown	Brown	Varied	Varied	Gray	Brown	Black	Clear	Brown	Gray	Black
Texture	Gritty	Smooth	Smooth	Smooth	Gritty	Smooth	Gritty	Gritty	Varied	Varied	Smooth	Smooth	Gritty	Smooth	Smooth	Smooth	Gritty
Interior/Exterior	Interior	Exterior	Exterior	Exterior	Exterior	Exterior	Exterior	Exterior	Both	Both	Exterior	Exterior	Interior	Interior	Interior	Interior	Interior
Location	2nd Fl./East Façade (Rm. 216)	2nd Fl./East Façade (Rm. 216)	2nd Fl./East Façade (Rm. 216)	2nd Fl./East Façade (Rm. 216)	2nd Floor/South Facade	1st Floor/South Façade	1st Floor at Playground/West	1st Floor at Playground/West	1st Floor at Playground/West Façade	1st Floor at Playground/West Façade	1st Floor/North Façade	1st Floor/West Façade	1st Floor at Playground/West	2nd Floor/South Façade	3rd Floor/East Façade	3rd Floor/East Façade	2nd Floor/East Façade
Sample Date	11/3/2009	11/3/2009	11/3/2009	11/3/2009	11/3/2009	11/3/2009	11/3/2009	11/19/2009	12/30/2009	12/30/2009	11/3/2009	11/3/2009	11/3/2009	11/3/2009	11/3/2009	11/3/2009	11/3/2009
PCBs via 8082 (mg/kg)																	
Aroclor-1221	N.D. (1)	N.D. (35)	N.D. (32)	N.D. (33)	N.D. (1)	N.D. (1)	N.D. (1)	NT	NT	NT	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)
Aroclor-1232	N.D. (1)	N.D. (35)	N.D. (32)	N.D. (33)	N.D. (1)	N.D. (1)	N.D. (1)	NT	NT	NT	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)
Aroclor-1016/1242	N.D. (1)	N.D. (35)	N.D. (32)	N.D. (33)	N.D. (1)	N.D. (1)	N.D. (1)	NT	NT	NT	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)
Aroclor-1248	N.D. (1)	N.D. (35)	N.D. (32)	N.D. (33)	N.D. (1)	N.D. (1)	N.D. (1)	NT	NT	NT	N.D. (1)	N.D. (1)	N.D. (1)	6.9	N.D. (1)	23	N.D. (1)
Aroclor-1254	N.D. (1)	N.D. (35)	N.D. (32)	N.D. (33)	N.D. (1)	N.D. (1)	N.D. (1)	NT	NT	NT	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)
Aroclor-1260	2.5	N.D. (35)	N.D. (32)	N.D. (33)	19	6.7	33,000	NT	NT	NT	86	21	5,700	1.75	N.D. (1)	1.9	N.D. (1)
Aroclor-1262	N.D. (1)	N.D. (35)	N.D. (32)	N.D. (33)	N.D. (1)	N.D. (1)	N.D. (1)	NT	NT	NT	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	50
Aroclor-1268	N.D. (1)	N.D. (35)	N.D. (32)	N.D. (33)	N.D. (1)	N.D. (1)	N.D. (1)	NT	NT	NT	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)
Total PCBs	2.5	N.D. (35)	N.D. (32)	N.D. (33)	19	6.7	33,000	NT	NT	NT	86	21	5,700	8.65	N.D. (1)	24.9	50
TCLP Lead (mg/L)	N.D. (0.1)	N.D. (0.1)	N.D. (0.1)	0.34	0.14	N.D. (0.1)	17.5	27	5.1	5.3	N.D. (0.1)	N.D. (0.1)	N.D. (0.1)	N.D. (0.1)	N.D. (0.1)	N.D. (0.1)	N.D. (0.1)
Asbestos (%)	5	NT	NT	NT	NT	3	NT	NT	NT	NT	NT	3	5	NT	ND(0)	ND(0)	5

ND = Non-Detect (associated reporting limit)
Hi-Lighted indicates PCBs =/> 50 ppm
NT = Not Tested
Hi-Lighted indicates TCLP Lead =/> 5 mg/L
All PCB concentrations presented in ppm (mg/kg)
Asbestos results from similar material sampled 9/30/08 by ATC from similar materials

Table 1

Sealant Samples - PCB, TCLP-Lead, and Asbestos Analytical Results
Agassiz Elementary School
Jamaica Plain, MA
ATC Project No. 060.03187.0024

Sample No.	Atrium Front New Caulk	Atrium Rear-New Caulk	Atrium Rear-Old Caulk	West Elevation North Gray Caulk @ Bottom	Stair B-Roof Door-Threshold	Stair C-Roof Door-Threshold	Stair C-Roof Door-Lintel	Stair B-Roof Door-Ext. Lintel	Stair D-Roof Door-Lintel
Material	Caulk	Caulk	Glaze	Caulk	Caulk	Caulk	Caulk	Caulk	Caulk
Color	Gray	Gray	Black	Gray	Black	Black	Black	Black	Black
Texture	Smooth	Smooth	Gritty	Smooth	Smooth	Gritty	Smooth	Smooth	Gritty
Interior/Exterior	Exterior	Exterior	Exterior	Exterior	Exterior	Exterior	Exterior	Exterior	Exterior
Location	Atrium-Front Entrance Doorway	Atrium-Rear Entrance Doorway	Atrium-Rear Entrance Doorway	West Elevation, North Door	Stair B Roof Door	Stair C Roof Door	Stair C Roof Door	Stair B Roof Door	Stair D Roof Door
Sample Date	2/16/2010	2/16/2010	2/16/2010	2/17/2010	2/18/2010	2/18/2010	2/18/2010	2/18/2010	2/18/2010
PCBs via 8082 (mg/kg)									
Aroclor-1221	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)
Aroclor-1232	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)
Aroclor-1016/1242	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)
Aroclor-1248	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)
Aroclor-1254	N.D. (1)	N.D. (1)	2.060	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)
Aroclor-1260	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)
Aroclor-1262	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)
Aroclor-1268	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)
Total PCBs	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)
TCLP Lead (mg/L)	NT	NT	NT	NT	NT	NT	NT	NT	NT
Asbestos (%)	NT	NT	NT	NT	ND(0)	10	ND(0)	ND(0)	5

ND = Non-Detect (associated
Hi-Lighted indicates PCBs =
NT = Not Tested
Hi-Lighted indicates TCLP L
All PCB concentrations prese
Asbestos results from similar

Table 2

Masonry Samples - PCB Analytical Results
Agassiz Elementary School
Jamaica Plain, MA
ATC Project No. 060.03187.0024

Sample No.	Location 5	Location 5	Location 5	Location 5	Location 7	Location 7	Location 7	Location 7	Location 8	Location 8	Location 8	Location 8	Location 9	Location 9	Location 9	Location 9	Location 13	Location 13	Location 13	Location 13	#14 Inner Surf. Conc.	#14 Insulation	#14 Outer Surf. Conc.
Material	Outer 1/2" Concrete	Inner 1/2" Concrete	Inner 2" Concrete	Polystyrene	Outer 1/2" Concrete	Inner 1/2" Concrete	Inner 2" Concrete	Polystyrene	Outer 1/2" Concrete	Inner 1/2" Concrete	Inner 2" Concrete	Polystyrene	Outer 1/2" Concrete	Inner 1/2" Concrete	Inner 2" Concrete	Polystyrene	Outer 1/2" Concrete	Inner 1/2" Concrete	Inner 2" Concrete	Polystyrene	Inner 1/2" Concrete	Polystyrene	Outer 1/2" Concrete
Color	Gray	Gray	Gray	White	Gray	Gray	Gray	White	Gray	Gray	Gray	White	Gray	Gray	Gray	White	Gray	Gray	Gray	White	Gray	White	Gray
Texture	Gritty	Gritty	Gritty	Smooth	Gritty	Gritty	Gritty	Smooth	Gritty	Gritty	Gritty	Smooth	Gritty	Gritty	Gritty	Smooth	Gritty	Gritty	Gritty	Smooth	Gritty	Smooth	Gritty
Interior/Exterior	Exterior	Interior	Interior	Exterior	Exterior	Interior	Interior	Exterior	Exterior	Interior	Interior	Exterior	Exterior	Interior	Interior	Exterior	Exterior	Interior	Interior	Exterior	Interior	Exterior	Exterior
Location	2nd Floor/South Facade	2nd Floor/South Facade	2nd Floor/South Facade	2nd Floor/South Facade	1st Floor at Playground/West Façade	1st Floor at Playground/West Façade	1st Floor at Playground/West Façade	1st Floor at Playground/West Façade	1st Floor/North Façade Rm 106	1st Floor/North Façade Rm 106	1st Floor/North Façade Rm 106	1st Floor/North Façade Rm 106	1st Floor/West Façade	1st Floor/West Façade	1st Floor/West Façade	1st Floor/West Façade	3rd Floor/East Façade	3rd Floor/East Façade	3rd Floor/East Façade	3rd Floor/East Façade	2nd Floor/East Façade	2nd Floor/East Façade	2nd Floor/East Façade
Sample Date	1/15/2010	1/15/2010	1/15/2010	1/15/2010	12/30/2009	12/30/2009	12/30/2009	12/30/2009	12/28/2009	12/28/2009	12/28/2009	12/28/2009	1/14/2010	1/14/2010	1/14/2010	1/14/2010	1/27/2010	1/27/2010	1/27/2010	1/27/2010	1/29/2010	1/29/2010	1/29/2010
PCBs via 8082 (mg/kg)																							
Aroclor-1221	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D(1)	N.D (1)	N.D(1)	N.D(2)	N.D(1)	N.D(1)
Aroclor-1232	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D(1)	N.D (1)	N.D(1)	N.D(2)	N.D(1)	N.D(1)
Aroclor-1016/1242	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D(1)	N.D (1)	N.D(1)	N.D(2)	N.D(1)	N.D(1)
Aroclor-1248	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D(1)	N.D (1)	N.D(1)	N.D(2)	N.D(1)	N.D(1)
Aroclor-1254	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D(1)	N.D (1)	N.D(1)	N.D(2)	N.D(1)	N.D(1)
Aroclor-1260	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D(1)	N.D (1)	N.D(1)	N.D(2)	N.D(1)	N.D(1)
Aroclor-1262	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D(1)	N.D (1)	N.D(1)	N.D(2)	N.D(1)	N.D(1)
Aroclor-1268	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D(1)	N.D (1)	N.D(1)	N.D(2)	N.D(1)	N.D(1)
Total PCBs	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D. (1)	N.D(1)	N.D (1)	N.D(1)	N.D(2)	N.D(1)	N.D(2)

ND = Non-Detect (associated reporting limit)
Hi-Lighted indicates PCBs =/> 1 ppm
All PCB concentrations presented in ppm (mg/kg)

Table 2

Masonry Samples - PCB Analytical Results
Agassiz Elementary School
Jamaica Plain, MA
ATC Project No. 060.03187.0024

Sample No.	#14 Inner 2" Conc.	#1 Rm 103	#2 Rm 102	#3 Rm 202	#4 Rm 302	#5 Rm 219	#6 Rm 217	#7 Rm 317	#8 Rm 316	#9 Rm 315	#10 Rm 319	#11 Rm 305 Hall	#12 Rm 301	#13 Café, East, A	#14 Café, East, B	#15 Café, East, C	#16 Café, East, D	#17 Rm 205, Hallway	#18, Room 201	D1 Cafeteria East Side	D2 Cafeteria West Side	#19 Rm 101	#20 Fl 1 Hall @ Rm 101
Material	Inner 2" Concrete	1/2" Concrete	1/2" Concrete	1/2" Concrete	1/2" Concrete	1/2" Concrete	1/2" Concrete	1/2" Concrete	1/2" Concrete	1/2" Concrete	1/2" Concrete	1/2" Concrete	1/2" Concrete	1/2" Concrete	1/2" Concrete	1/2" Concrete	1/2" Concrete	1/2" Concrete	1/2" Concrete	1/2" Concrete	1/2" Concrete	1/2" Concrete	1/2" Concrete
Color	Gray	Gray	Gray	Gray	Gray	Gray	Gray	Gray	Gray	Gray	Gray	Gray	Gray	Gray	Gray	Gray	Gray	Gray	Gray	Gray	Gray	Gray	Gray
Texture	Gritty	Gritty	Gritty	Gritty	Gritty	Gritty	Gritty	Gritty	Gritty	Gritty	Gritty	Gritty	Gritty	Gritty	Gritty	Gritty	Gritty	Gritty	Gritty	Gritty	Gritty	Gritty	Gritty
Interior/Exterior	Interior	Exterior	Exterior	Exterior	Exterior	Exterior	Exterior	Exterior	Exterior	Exterior	Exterior	Interior	Exterior	Exterior	Exterior	Exterior	Exterior	Interior	Exterior	Exterior	Exterior	Exterior	Interior
Location	2nd Floor/East Façade	Room 103 Window	Room 102 Window	Room 202 Window	Room 302 Window	Room 219 Window	Room 217 Window	Room 317 Window	Room 316 Window	Room 315 Window	Room 319 Window	Room 305 Hall	Room 301 Window					Room 205 Hall	Room 210 Window			Room 101 Window	
Sample Date	1/29/2010	1/19/2010	1/19/2010	1/20/2010	1/20/2010	1/20/2010	1/20/2010	1/21/2010	1/21/2010	1/21/2010	1/22/2010	1/26/2010	1/26/2010	1/29/2010	1/29/2010	1/29/2010	1/29/2010	1/29/2010	1/29/2010	2/12/2010	2/12/2010	1/29/2010	1/29/2010
PCBs via 8082 (mg/kg)																							
Aroclor-1221	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(2)	N.D(1)	N.D(1)	N.D(1)	N.D(1)
Aroclor-1232	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(2)	N.D(1)	N.D(1)	N.D(1)	N.D(1)
Aroclor-1016/1242	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(2)	N.D(1)	N.D(1)	N.D(1)	N.D(1)
Aroclor-1248	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(2)	N.D(1)	N.D(1)	N.D(1)	N.D(1)
Aroclor-1254	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(2)	N.D(1)	N.D(1)	N.D(1)	N.D(1)
Aroclor-1260	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(2)	N.D(1)	N.D(1)	N.D(1)	N.D(1)
Aroclor-1262	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(2)	N.D(1)	N.D(1)	N.D(1)	N.D(1)
Aroclor-1268	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(2)	N.D(1)	N.D(1)	N.D(1)	N.D(1)
Total PCBs	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(2)	N.D(1)	N.D(1)	N.D(1)	N.D(1)

ND = Non-Detect (associated
Hi-Lighted indicates PCBs =/>
All PCB concentrations preser

Table 2

Masonry Samples - PCB Analytical Results
Agassiz Elementary School
Jamaica Plain, MA
ATC Project No. 060.03187.0024

Sample No.	#21 Stair D	#22 Stair B	#23 Stair C	#24 Stair A	Rear Atrium Door Concrete Inner	Rear Atrium Door Brick	Rear Atrium Door Concrete Mortar	Rear Atrium Door Concrete Outer	Rear Atrium Door Brick Mortar	Front Atrium Door Concrete Mortar	Front Atrium Door Brick	Front Atrium Door Concrete Inner	Front Atrium Door Brick Mortar	Front Atrium Door Concrete Outer	West Elev South Door Concrete Inner	West Elev South Door Concrete Outer	West Elev South Door Insulation	West Elevation North Door Outer 1/2" Concrete	NW Elevation Ground
Material	1/2" Concrete	1/2" Concrete	1/2" Concrete	1/2" Concrete	1/2" Concrete	1/2" Brick	1/2" Mortar	1/2" Concrete	1/2" Mortar	1/2" Mortar	1/2" Concrete	1/2" Concrete	1/2" Mortar	1/2" Concrete	1/2" Concrete	1/2" Concrete	Polystyrene	1/2" Concrete	1/2" Concrete
Color	Gray	Gray	Gray	Gray	Gray	Dark Red	Dark Gray	Gray	Dark Gray	Dark Gray	Dark Red	Gray	Dark Gray	Gray	Gray	Gray	White	Gray	Gray
Texture	Gritty	Gritty	Gritty	Gritty	Gritty	Gritty	Gritty	Gritty	Gritty	Gritty	Gritty	Gritty	Gritty	Gritty	Gritty	Gritty	Smooth	Gritty	Gritty
Interior/Exterior	Exterior	Exterior	Exterior	Exterior	Interior	Exterior	Exterior	Exterior	Exterior	Exterior	Exterior	Interior	Exterior	Exterior	Interior	Exterior	Exterior	Exterior	Exterior
Location					Rear Atrium Entrance	Rear Atrium Entrance	Rear Atrium Entrance	Rear Atrium Entrance	Rear Atrium Entrance	Front Atrium Main Entrance	Front Atrium Main Entrance	Front Atrium Main Entrance	Front Atrium Main Entrance	Front Atrium Main Entrance	West Elevation, South 1st Floor Door	West Elevation, South 1st Floor Door	West Elevation, South 1st Floor Door	West Elevation, North 1st Floor Door	NW Elevation, 1st Floor Door
Sample Date	2/1/2010	2/3/2010	2/5/2010	2/8/2010	2/16/2010	2/16/2010	2/16/2010	2/16/2010	2/16/2010	2/17/2010	2/17/2010	2/17/2010	2/17/2010	2/17/2010	2/17/2010	2/17/2010	2/17/2010	2/17/2010	4/22/2010
PCBs via 8082 (mg/kg)																			
Aroclor-1221	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)
Aroclor-1232	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)
Aroclor-1016/1242	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)
Aroclor-1248	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)
Aroclor-1254	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)
Aroclor-1260	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)
Aroclor-1262	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)
Aroclor-1268	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)
Total PCBs	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)	N.D(1)

ND = Non-Detect (associated
Hi-Lighted indicates PCBs =/>
All PCB concentrations preser

Table 3

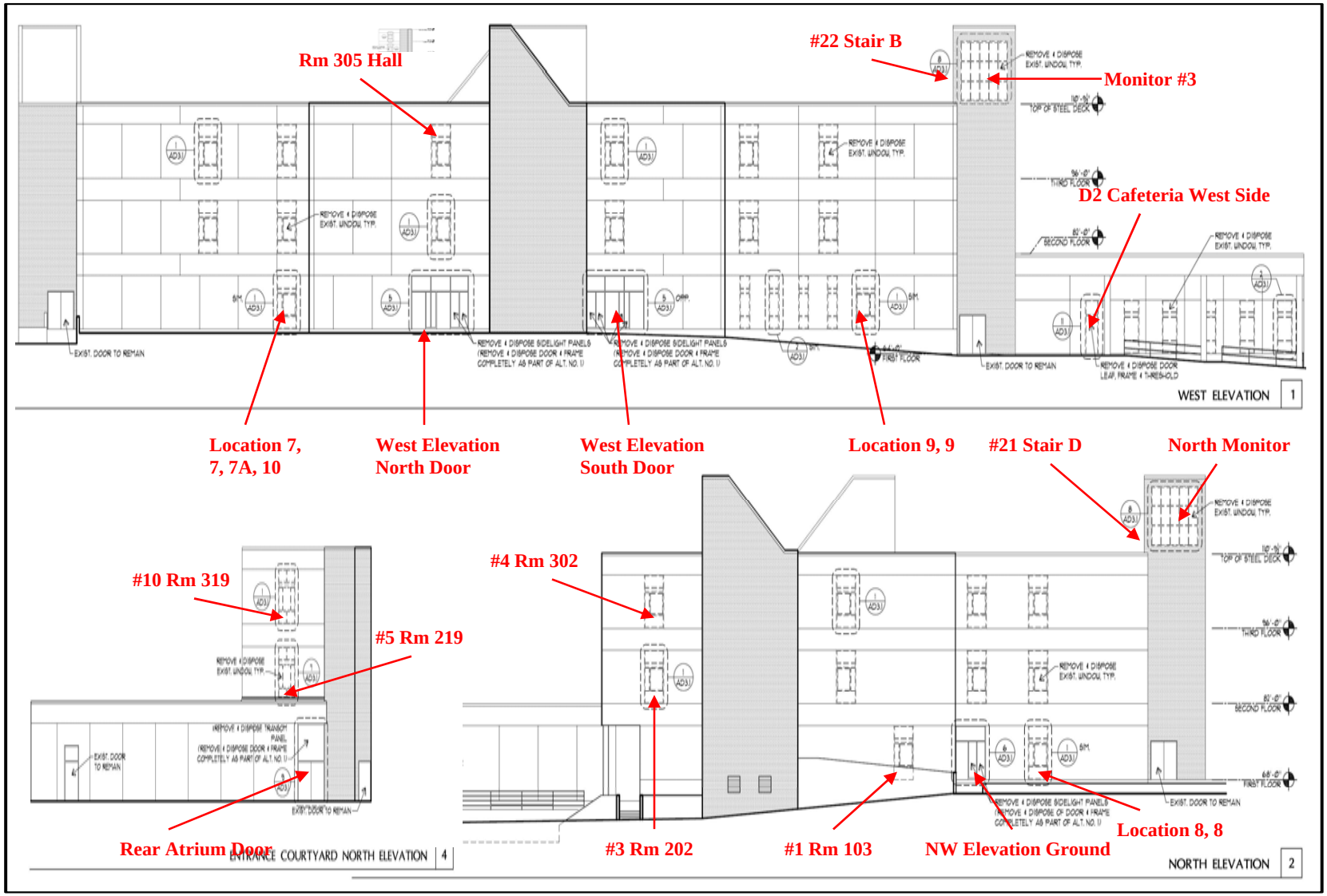
Wipe Samples - PCB Analytical Results
Agassiz Elementary School
Jamaica Plain, MA
ATC Project No. 060.03187.0024

Sample No.	North Monitor-Sill	North Monitor-Lentil	Monitor 2 Lintel	Monitor 2 Sill	Monitor #3 Lintel	Monitor #1 Sill	Monitor #1 Lintel	Rear Atrium Door Lintel
Material	Steel-Wipe	Steel-Wipe	Steel-Wipe	Steel-Wipe	Steel-Wipe	Steel-Wipe	Steel-Wipe	Steel-Wipe
Color	Red	Red	Red	Red	Red	Red	Red	Red
Texture	Smooth	Smooth	Smooth	Smooth	Smooth	Smooth	Smooth	Smooth
Interior/Exterior	Exterior	Exterior	Exterior	Exterior	Exterior	Exterior	Exterior	Exterior
Location	North Elevation-Stairwell D	North Elevation-Stairwell D	South Elevation-Stairwell B	South Elevation-Stairwell B	West Elevation-Stairwell C	East Elevation-Stairwell A	East Elevation-Stairwell A	Rear Atrium Entrance
Sample Date	2/2/2010	2/2/2010	2/4/2010	2/4/2010	2/9/2010	2/9/2010	2/9/2010	2/16/2010
PCBs via 8082 (ug/100cm^2)								
Aroclor-1221	N.D. (.2)	N.D. (.2)	N.D. (.2)	N.D. (.2)	N.D. (.2)	N.D. (.2)	N.D. (.2)	N.D. (.450)
Aroclor-1232	N.D. (.2)	N.D. (.2)	N.D. (.2)	N.D. (.2)	N.D. (.2)	N.D. (.2)	N.D. (.2)	N.D. (.450)
Aroclor-1016/1242	N.D. (.2)	N.D. (.2)	N.D. (.2)	N.D. (.2)	N.D. (.2)	N.D. (.2)	N.D. (.2)	N.D. (.450)
Aroclor-1248	N.D. (.2)	N.D. (.2)	N.D. (.2)	N.D. (.2)	N.D. (.2)	N.D. (.2)	N.D. (.2)	N.D. (.450)
Aroclor-1254	N.D. (.2)	N.D. (.2)	N.D. (.2)	N.D. (.2)	N.D. (.2)	N.D. (.2)	N.D. (.2)	N.D. (.450)
Aroclor-1260	N.D. (.2)	N.D. (.2)	N.D. (.2)	N.D. (.2)	N.D. (.2)	N.D. (.2)	N.D. (.2)	N.D. (.450)
Aroclor-1262	N.D. (.2)	N.D. (.2)	N.D. (.2)	N.D. (.2)	N.D. (.2)	N.D. (.2)	N.D. (.2)	N.D. (.450)
Aroclor-1268	N.D. (.2)	N.D. (.2)	N.D. (.2)	N.D. (.2)	N.D. (.2)	N.D. (.2)	N.D. (.2)	N.D. (.450)
Total PCBs	N.D. (.2)	N.D. (.2)	N.D. (.2)	N.D. (.2)	N.D. (.2)	N.D. (.2)	N.D. (.2)	N.D. (.450)

ND = Non-Detect (associated reporting limit)
All PCB concentrations presented in micrograms per one hundred square centimeters (ug/100cm^2)

Appendix A

Exterior Demolition Elevation Drawings

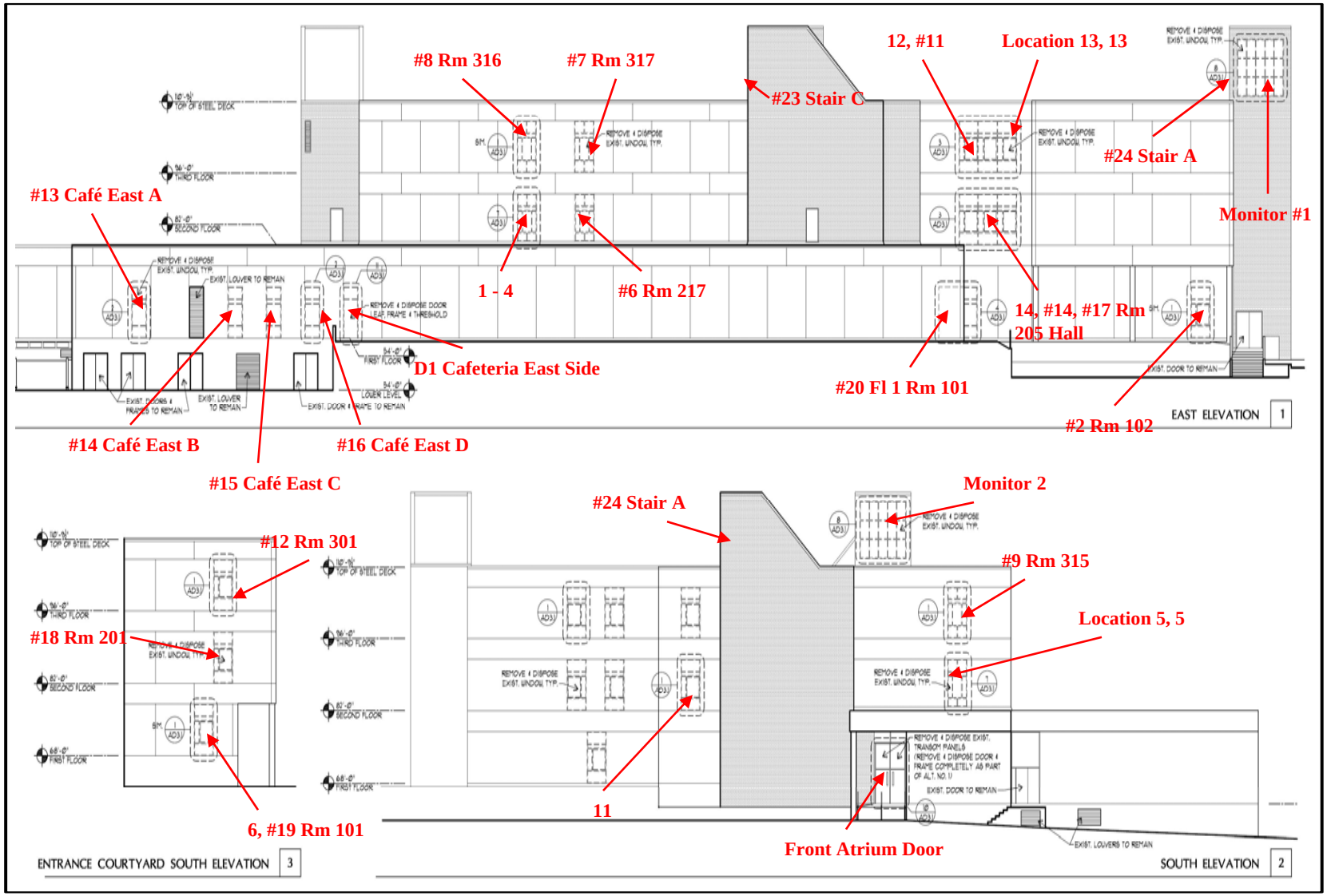


West & North Elevation Sample Locations

Source:
CSS Architects
Exterior Demolition Elevations
June 18, 2009

ATC ASSOCIATES INC.

CSS Architects
Sample Locations
Aggasiz Elementary School
Jamaica Plain, Massachusetts
ATC Project No. 060.03187.0024



East & South Elevation Sample Locations

Source:
CSS Architects
Exterior Demolition Elevations
June 18, 2009

ATC ASSOCIATES INC.

CSS Architects
Sample Locations
Aggasiz Elementary School
Jamaica Plain, Massachusetts
ATC Project No. 060.03187.0024

Appendix B

Analytical Lab Reports

REPORT OF ANALYTICAL RESULTS

NETLAB Case Number U1104-28A

Prepared for:

Attn: Michael Gitten
ATC Associates, Inc.
600 W. Cummings Park
Suite 5500
Woburn, MA 01801

Report Date: November 17, 2009

Lab # RI010

NEW ENGLAND TESTING LABORATORY, INC.
1254 Douglas Avenue, North Providence, RI 02904
(401) 353-3420

Total # of Pages: 30

ANALYTICAL METHOD REPORT CERTIFICATION FORM

Laboratory Name: New England Testing Laboratory, Inc.	Project #: 60.03187.0024
Project Location: Agassiz School, J.P., MA	RTN[1]:

This form provides certifications for the following data set: U1104-28

Sample Matrices: Groundwater ( ) Soil/Sediment ( ) Drinking Water ( ) Other: Caulk

SW-846 Methods Used					
	8260B ( )	8151A ( )	8330 ( )	6010B (x)	7470A/1A ( )
	8270C ( )	8081A ( )	VPH ( )	6020 ( )	9014M[2] ( )
	8082 (x)	8021B ( )	EPH ( )	7000 S[3] ( )	Other: ( )

1 List Release Tracking Number (RTN), if known
2 M – SW-846 Method 9014 or MADEP Physiologically Available Cyanide (PAC) Method
3 S – SW-846 Methods 7000 Series List individual method and analyte

An affirmative response to questions A, B, and C is required for "Presumptive Certainty" status

A	Were all samples received by the laboratory in a condition consistent with that described on the Chain-of Custody documentation for the data set?	Yes (X) No[1] ( )
B	Were all QA/QC procedures required for the specified analytical method(s) included in this report followed, including the requirement to note and discuss in a narrative QC data that did not meet appropriate performance standards or guidelines?	Yes (X) No[1] ( )
C	Does the analytical data included in this report meet all the requirements for "Presumptive Certainty", as described in Section 2.0 of the MADEP document CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data"?	Yes (X) No[1] ( ) Not Applicable ( )
D	***VPH and EPH Methods only***: Was the VPH and EPH Method conducted without significant modifications (see Section 11.3 of respective Methods)	Yes ( ) No[1] ( )

A response to questions E and F below is required for "Presumptive Certainty" status

E	Were all QC performance standards and recommendations for the specified methods achieved?	Yes (X) No[1] ( )
F	Were results for all analyte-list compounds/elements for the specified method(s) reported?	Yes (X) No[1] ( )

[1]All NO answers must be addressed in an attached Environmental Laboratory case narrative.

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

Signature: _____ Position: Laboratory Director

Printed Name: Richard Warila Date: 11/17/2009

SAMPLES SUBMITTED and REQUEST FOR ANALYSIS:

The samples listed in Table I were submitted to New England Testing Laboratory on November 4, 2009 and additional analysis was requested on November 13, 2009. The group of samples appearing in this report was assigned an internal identification number (case number) for laboratory information management purposes. The client's designations for the individual samples, along with our case numbers, are used to identify the samples in this report. This report of analytical results pertains only to the sample(s) provided to us by the client which are indicated on the custoday record. The case number for this sample submission is U1104-28A.

Custody records are included in this report.

Project: Agassiz School, JP MA

TABLE I, Samples Submitted

Sample ID	Date Sampled	Matrix	Analysis Requested
Gray Ext Caulk#4	11/3/09	Caulk	Table II, III
Gray Ext Caulk#8	11/3/09	Caulk	Table II, III
Brown Ext Cault #6	11/3/09	Caulk	Table II, III
Brown Ext Caulk #9	11/3/09	Caulk	Table II, III
Lt. Brown Ext Caulk	11/3/09	Caulk	Table II, III
Black Ext Caulk	11/3/09	Caulk	Table II, III
Brown Ext. Glaze	11/3/09	Caulk	Table II, III
Black Ext. Glaze	11/3/09	Caulk	Table II, III
Gray Int. Caulk	11/3/09	Caulk	Table II, III
Brown Int. Caulk	11/3/09	Caulk	Table II, III
Clear Int. Caulk	11/3/09	Caulk	Table II, III
Black Int. Glaze #1	11/3/09	Caulk	Table II, III
Black Int Glaze #10	11/3/09	Caulk	Table II, III
Black Int. Glaze #14	11/3/09	Caulk	Table II, III

TABLE II, Analysis and Methods

ANALYSIS	PREPARATION METHOD	DETERMINATIVE METHOD
PCBs	3540C	8082

TABLE III, Analysis and Methods

ANALYSIS	PREPARATION METHOD	DETERMINATIVE METHOD
TCLP	1311	
Lead	3010A	6010B

These methods are documented in:

Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW-846, USEPA/OSW.

CASE NARRATIVE:

Sample Receipt:

No sample for ms/msd/duplicate analysis was supplied. No field blank was supplied. (This does not qualify the analytical results but does prevent conducting these SW-846 {Chapter 1, Section 3.4} QA Audits.)

The samples were all appropriately cooled and preserved upon receipt.

The samples were received in the appropriate containers.

The chain of custody was adequately completed and corresponded to the samples submitted.

PCBs:

The samples were extracted and analyzed within method specified holding times and according to NETLAB's documented standard operating procedures. The results for the associated calibration, method blank and laboratory control sample (LCS) were within method specified quality control criteria.

Samples "Gray Ext Caulk#4,Gray Ext Caulk#8, Lt. Brown Caulk, Black Ext Caulk, and Brown Glaze" required a dilution which resulted in the surrogates being reported as "diluted out"

Samples "Gray Ext Caulk#4, Lt. Brown Ext Caulk, and Black Ext Caulk" all have elevated detection limits due to matrix interference. The extracts were subjected to multiple clean up steps, and the interference was still present. The samples were analyzed on a mass spectrometer to confirm the absence of PCBs below 50 PPM.

Metals:

The samples were analyzed within method specified holding times and according to NETLAB's documented standard operating procedures. The results for the associated calibration, method blank and laboratory control sample (LCS) were within method specified quality control criteria.

Sample:Gray Caulk #8

Date TCLP Extracted: 11/12/09
Date Analyzed: 11/13/09

TCLP Extractable Metals	Result, mg/l	Regulatory Limit, mg/l
Lead	<0.1	5.0

Sample:Brown Ext Glaze

Date TCLP Extracted: 11/12/09
Date Analyzed: 11/13/09

TCLP Extractable Metals	Result, mg/l	Regulatory Limit, mg/l
Lead	17.5	5.0

Sample:Black Int Glaze #10

Date TCLP Extracted: 11/12/09
Date Analyzed: 11/13/09

TCLP Extractable Metals	Result, mg/l	Regulatory Limit, mg/l
Lead	<0.1	5.0

Sample: Black Int Glaze #14

Date TCLP Extracted: 11/12/09
Date Analyzed: 11/13/09

TCLP Extractable Metals	Result, mg/l	Regulatory Limit, mg/l
Lead	<0.1	5.0

Sample: Gray Ext Caulk#4

Date TCLP Extracted:11/16/09
Date Analyzed:11/17/09

TCLP Extractable Metals	Result, mg/L	Regulatory Limit, mg/L
Lead	0.34	5.0

Sample: Brown Ext Cault #6

Date TCLP Extracted:11/16/09
Date Analyzed:11/17/09

TCLP Extractable Metals	Result, mg/L	Regulatory Limit, mg/L
Lead	<0.1	5.0

Sample: Brown Ext Caulk #9

Date TCLP Extracted:11/16/09
Date Analyzed:11/17/09

TCLP Extractable Metals	Result, mg/L	Regulatory Limit, mg/L
Lead	<0.1	5.0

Sample: Lt. Brown Ext Caulk

Date TCLP Extracted:11/16/09
Date Analyzed:11/17/09

TCLP Extractable Metals	Result, mg/L	Regulatory Limit, mg/L
Lead	<0.1	5.0

Sample: Black Ext Caulk

Date TCLP Extracted:11/16/09
Date Analyzed:11/17/09

TCLP Extractable Metals	Result, mg/L	Regulatory Limit, mg/L
Lead	<0.1	5.0

Sample: Black Ext. Glaze

Date TCLP Extracted:11/16/09
Date Analyzed:11/17/09

TCLP Extractable Metals	Result, mg/L	Regulatory Limit, mg/L
Lead	0.14	5.0

Sample: Gray Int. Caulk

Date TCLP Extracted:11/16/09
Date Analyzed:11/17/09

TCLP Extractable Metals	Result, mg/L	Regulatory Limit, mg/L
Lead	<0.1	5.0

Sample: Brown Int. Caulk

Date TCLP Extracted:11/16/09
Date Analyzed:11/17/09

TCLP Extractable Metals	Result, mg/L	Regulatory Limit, mg/L
Lead	<0.1	5.0

Sample: Clear Int. Caulk

Date TCLP Extracted:11/16/09
Date Analyzed:11/17/09

TCLP Extractable Metals	Result, mg/L	Regulatory Limit, mg/L
Lead	<0.1	5.0

Sample: Black Int. Glaze #1

Date TCLP Extracted:11/16/09
Date Analyzed:11/17/09

TCLP Extractable Metals	Result, mg/L	Regulatory Limit, mg/L
Lead	<0.1	5.0

RESULTS: PCBs

The presence of the NETLAB LOGO in the top right corner of each page in this section indicates:

The Technical Manager of the Organics Analysis Department certifies that the samples included in this section have been prepared and analyzed using the procedures cited and that the results have been reviewed and approved. Any exceptions or qualifications of substance have been reported in the case narrative.

Sample: Gray Ext Caulk#4		
Case No.: U1104-28		
Date Collected: 11/3/09		
Sample Matrix: Caulking		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	11/5/09	11/10/09
Analytical Method: EPA 8082		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aroclor-1221	N.D.	33000
Aroclor-1232	N.D.	33000
Aroclor-1016/1242	N.D.	33000
Aroclor-1248	N.D.	33000
Aroclor-1254	N.D.	33000
Aroclor-1260	N.D.	33000
Aroclor-1262	N.D.	33000
Aroclor-1268	N.D.	33000
Surrogates:		
Compound	% Recovery	Limits
TCMX	Diluted out	43-125
DCBP	Diluted out	41-127

*Wet Weight Basis

Sample: Gray Ext Caulk#8		
Case No.: U1104-28		
Date Collected: 11/3/09		
Sample Matrix: Caulking		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	11/5/09	11/9/09
Analytical Method: EPA 8082		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aroclor-1221	N.D.	1000
Aroclor-1232	N.D.	1000
Aroclor-1016/1242	N.D.	1000
Aroclor-1248	N.D.	1000
Aroclor-1254	N.D.	1000
Aroclor-1260	86000	1000
Aroclor-1262	N.D.	1000
Aroclor-1268	N.D.	1000
Surrogates:		
Compound	% Recovery	Limits
TCMX	Diluted out	43-125
DCBP	Diluted out	41-127

*Wet Weight Basis

Sample: Brown Ext. Caulk #6		
Case No.: U1104-28		
Date Collected: 11/3/09		
Sample Matrix: Caulking		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	11/5/09	11/10/09
Analytical Method: EPA 8082		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aroclor-1221	N.D.	1000
Aroclor-1232	N.D.	1000
Aroclor-1016/1242	N.D.	1000
Aroclor-1248	N.D.	1000
Aroclor-1254	N.D.	1000
Aroclor-1260	6700	1000
Aroclor-1262	N.D.	1000
Aroclor-1268	N.D.	1000
Surrogates:		
Compound	% Recovery	Limits
TCMX	94	43-125
DCBP	100	41-127

*Wet Weight Basis

Sample: Brown Ext. Caulk #9		
Case No.: U1104-28		
Date Collected: 11/3/09		
Sample Matrix: Caulking		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	11/5/09	11/10/09
Analytical Method: EPA 8082		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aroclor-1221	N.D.	1000
Aroclor-1232	N.D.	1000
Aroclor-1016/1242	N.D.	1000
Aroclor-1248	N.D.	1000
Aroclor-1254	N.D.	1000
Aroclor-1260	21000	1000
Aroclor-1262	N.D.	1000
Aroclor-1268	N.D.	1000
Surrogates:		
Compound	% Recovery	Limits
TCMX	118	43-125
DCBP	114	41-127

*Wet Weight Basis

Sample: Lt. Brown Ext Caulk		
Case No.: U1104-28		
Date Collected: 11/3/09		
Sample Matrix: Caulking		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	11/5/09	11/10/09
Analytical Method: EPA 8082		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aroclor-1221	N.D.	35000
Aroclor-1232	N.D.	35000
Aroclor-1016/1242	N.D.	35000
Aroclor-1248	N.D.	35000
Aroclor-1254	N.D.	35000
Aroclor-1260	N.D.	35000
Aroclor-1262	N.D.	35000
Aroclor-1268	N.D.	35000
Surrogates:		
Compound	% Recovery	Limits
TCMX	Diluted out	43-125
DCBP	Diluted out	41-127

*Wet Weight Basis

Sample: Black ext. Caulk		
Case No.: U1104-28		
Date Collected: 11/3/09		
Sample Matrix: Caulking		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	11/6/09	11/10/09
Analytical Method: EPA 8082		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aroclor-1221	N.D.	32000
Aroclor-1232	N.D.	32000
Aroclor-1016/1242	N.D.	32000
Aroclor-1248	N.D.	32000
Aroclor-1254	N.D.	32000
Aroclor-1260	N.D.	32000
Aroclor-1262	N.D.	32000
Aroclor-1268	N.D.	32000
Surrogates:		
Compound	% Recovery	Limits
TCMX	Diluted out	43-125
DCBP	Diluted out	41-127

*Wet Weight Basis

Sample: Brown Ext. Glaze		
Case No.: U1104-28		
Date Collected: 11/3/09		
Sample Matrix: Caulking		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	11/6/09	11/10/09
Analytical Method: EPA 8082		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aroclor-1221	N.D.	1000
Aroclor-1232	N.D.	1000
Aroclor-1016/1242	N.D.	1000
Aroclor-1248	N.D.	1000
Aroclor-1254	N.D.	1000
Aroclor-1260	33000000	1000
Aroclor-1262	N.D.	1000
Aroclor-1268	N.D.	1000
Surrogates:		
Compound	% Recovery	Limits
TCMX	Diluted out	43-125
DCBP	Diluted out	41-127

*Wet Weight Basis

Sample: Black Ext. Glaze		
Case No.: U1104-28		
Date Collected: 11/3/09		
Sample Matrix: Caulking		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	11/6/09	11/10/09
Analytical Method: EPA 8082		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aroclor-1221	N.D.	1000
Aroclor-1232	N.D.	1000
Aroclor-1016/1242	N.D.	1000
Aroclor-1248	N.D.	1000
Aroclor-1254	N.D.	1000
Aroclor-1260	19000	1000
Aroclor-1262	N.D.	1000
Aroclor-1268	N.D.	1000
Surrogates:		
Compound	% Recovery	Limits
TCMX	95	43-125
DCBP	90	41-127

*Wet Weight Basis

Sample: Gray Int. Caulk		
Case No.: U1104-28		
Date Collected: 11/3/09		
Sample Matrix: Caulking		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	11/6/09	11/10/09,11/12/09
Analytical Method: EPA 8082		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aroclor-1221	N.D.	1000
Aroclor-1232	N.D.	1000
Aroclor-1016/1242	N.D.	1000
Aroclor-1248	23000	1000
Aroclor-1254	N.D.	1000
Aroclor-1260	1900	1000
Aroclor-1262	N.D.	1000
Aroclor-1268	N.D.	1000
Surrogates:		
Compound	% Recovery	Limits
TCMX	119	43-125
DCBP	95	41-127

*Wet Weight Basis

Sample: Brown Int. Caulk		
Case No.: U1104-28		
Date Collected: 11/3/09		
Sample Matrix: Caulking		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	11/6/09	11/10/09
Analytical Method: EPA 8082		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aroclor-1221	N.D.	1000
Aroclor-1232	N.D.	1000
Aroclor-1016/1242	N.D.	1000
Aroclor-1248	N.D.	1000
Aroclor-1254	N.D.	1000
Aroclor-1260	N.D.	1000
Aroclor-1262	N.D.	1000
Aroclor-1268	N.D.	1000
Surrogates:		
Compound	% Recovery	Limits
TCMX	101	43-125
DCBP	97	41-127

*Wet Weight Basis

Sample: Clear Int. Caulk		
Case No.: U1104-28		
Date Collected: 11/3/09		
Sample Matrix: Caulking		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	11/9/09	11/12/09
Analytical Method: EPA 8082		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aroclor-1221	N.D.	1000
Aroclor-1232	N.D.	1000
Aroclor-1016/1242	N.D.	1000
Aroclor-1248	6900.	1000
Aroclor-1254	N.D.	1000
Aroclor-1260	1750	1000
Aroclor-1262	N.D.	1000
Aroclor-1268	N.D.	1000
Surrogates:		
Compound	% Recovery	Limits
TCMX	113	43-125
DCBP	116	41-127

*Wet Weight Basis

Sample: Black Int. Glaze #1		
Case No.: U1104-28		
Date Collected: 11/3/09		
Sample Matrix: Caulking		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	11/9/09	11/12/09
Analytical Method: EPA 8082		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aroclor-1221	N.D.	1000
Aroclor-1232	N.D.	1000
Aroclor-1016/1242	N.D.	1000
Aroclor-1248	N.D.	1000
Aroclor-1254	N.D.	1000
Aroclor-1260	2500	1000
Aroclor-1262	N.D.	1000
Aroclor-1268	N.D.	1000
Surrogates:		
Compound	% Recovery	Limits
TCMX	85	43-125
DCBP	91	41-127

*Wet Weight Basis

Sample: Black Int Glaze #10		
Case No.: U1104-28		
Date Collected: 11/3/09		
Sample Matrix: Caulking		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	11/9/09	11/12/09
Analytical Method: EPA 8082		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aroclor-1221	N.D.	1000
Aroclor-1232	N.D.	1000
Aroclor-1016/1242	N.D.	1000
Aroclor-1248	N.D.	1000
Aroclor-1254	N.D.	1000
Aroclor-1260	5700000	1000
Aroclor-1262	N.D.	1000
Aroclor-1268	N.D.	1000
Surrogates:		
Compound	% Recovery	Limits
TCMX	Diluted out	43-125
DCBP	Diluted out	41-127

*Wet Weight Basis

Sample: Black int. Glaze #14		
Case No.: U1104-28		
Date Collected: 11/3/09		
Sample Matrix: Caulking		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	11/9/09	11/12/09
Analytical Method: EPA 8082		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aroclor-1221	N.D.	1000
Aroclor-1232	N.D.	1000
Aroclor-1016/1242	N.D.	1000
Aroclor-1248	N.D.	1000
Aroclor-1254	N.D.	1000
Aroclor-1260	N.D.	1000
Aroclor-1262	50000	1000
Aroclor-1268	N.D.	1000
Surrogates:		
Compound	% Recovery	Limits
TCMX	Diluted out	43-125
DCBP	Diluted out	41-127

*Wet Weight Basis

Sample: Method Blank		
Case No.: U1104-28		
Date Collected: NA		
Sample Matrix: Caulking		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	11/5/09	11/6/09
Analytical Method: EPA 8082		
Compound	Concentration ug/kg (ppb)	Reporting Limit
Aroclor-1221	N.D.	1000
Aroclor-1232	N.D.	1000
Aroclor-1016/1242	N.D.	1000
Aroclor-1248	N.D.	1000
Aroclor-1254	N.D.	1000
Aroclor-1260	N.D.	1000
Aroclor-1262	N.D.	1000
Aroclor-1268	N.D.	1000
Surrogates:		
Compound	% Recovery	Limits
TCMX	88	43-125
DCBP	106	41-127

Sample: Method Blank		
Case No.: U1104-28		
Date Collected: NA		
Sample Matrix: Caulking		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	11/6/09	11/9/09
Analytical Method: EPA 8082		
Compound	Concentration ug/kg (ppb)	Reporting Limit
Aroclor-1221	N.D.	1000
Aroclor-1232	N.D.	1000
Aroclor-1016/1242	N.D.	1000
Aroclor-1248	N.D.	1000
Aroclor-1254	N.D.	1000
Aroclor-1260	N.D.	1000
Aroclor-1262	N.D.	1000
Aroclor-1268	N.D.	1000
Surrogates:		
Compound	% Recovery	Limits
TCMX	89	43-125
DCBP	95	41-127

Sample: Method Blank		
Case No.: U1104-28		
Date Collected: NA		
Sample Matrix: Caulking		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	11/9/09	11/10/09
Analytical Method: EPA 8082		
Compound	Concentration ug/kg (ppb)	Reporting Limit
Aroclor-1221	N.D.	1000
Aroclor-1232	N.D.	1000
Aroclor-1016/1242	N.D.	1000
Aroclor-1248	N.D.	1000
Aroclor-1254	N.D.	1000
Aroclor-1260	N.D.	1000
Aroclor-1262	N.D.	1000
Aroclor-1268	N.D.	1000
Surrogates:		
Compound	% Recovery	Limits
TCMX	91	43-125
DCBP	115	41-127

PCB Laboratory Control Spike #1

Sample Matrix: Caulk				
Subject: PCB	Date Extracted			Date Analyzed
Prep Method: EPA 3540C	11/5/09			11/6/09
Analytical Method: EPA 8082				
Compound	Amount Spiked mg/kg	Result mg/kg	Recovery %	Recovery Limits
Aroclor 1016	0.500	0.477	95	46-117
Aroclor 1260	0.500	0.542	108	46-117
Surrogates:				
Compound	% Recovery	Limits		
TCMX	92	43-125		
DCBP	108	41-127		

PCB Laboratory Control Spike #1

Sample Matrix: Caulk				
Subject: PCB	Date Extracted			Date Analyzed
Prep Method: EPA 3540C	11/6/09			11/9/09
Analytical Method: EPA 8082				
Compound	Amount Spiked mg/kg	Result mg/kg	Recovery %	Recovery Limits
Aroclor 1016	0.500	0.515	103	46-117
Aroclor 1260	0.500	0.568	114	46-117
Surrogates:				
Compound	% Recovery	Limits		
TCMX	89	43-125		
DCBP	95	41-127		

PCB Laboratory Control Spike #1

Sample Matrix: Caulk				
Subject: PCB	Date Extracted			Date Analyzed
Prep Method: EPA 3540C	11/9/09			11/10/09
Analytical Method: EPA 8082				
Compound	Amount Spiked mg/kg	Result mg/kg	Recovery %	Recovery Limits
Aroclor 1016	0.500	0.463	93	46-117
Aroclor 1260	0.500	0.545	109	46-117
Surrogates:				
Compound	% Recovery	Limits		
TCMX	97	43-125		
DCBP	106	41-127		

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1254 Douglas Ave.
North Providence, RI 02904
1-888-863-8522

CHAIN OF CUSTODY RECORD

U1104-28A

PROJ. NO.: 60.03187.0024
PROJECT NAME/LOCATION: AGASSIZ SCHOOL, J.P., MA
CLIENT: ATC
REPORT TO: JASON ROBACK
INVOICE TO: JASON ROBACK

DATE	TIME	COMP	GRAB	SAMPLE I.D.	AQUEOUS	SOIL	OTHER	NO. OF CONTAINERS	PRESERVATIVE	TESTS: PCB-8082 w/ SOXHLET EXTRACTION			TCLP LEAD			REMARKS
11/3/09			X	GRAY EXT-CAULK #4			X	1	—				X			PLEASE HOLD ENOUGH SAMPLE QUANTITY TO RUN TCLP-LEAD IN ANTICIPATION OF FUTURE ANALYSIS.
				GRAY EXT-CAULK #8												
				BROWN EXT-CAULK #6												
				BROWN EXT-CAULK #9												
				LT. BROWN EXT-CAULK												
				BLACK EXT-CAULK												
				BROWN EXT-GLAZE												Client request add'l analysis 11/13/09 JM
				BLACK EXT-GLAZE												
				GRAY INT-CAULK												
				BROWN INT-CAULK												
				CLEAR INT-CAULK												
				BLACK INT-GLAZE #1												
				BLACK INT-GLAZE #10												
				BLACK INT-GLAZE #14				14								

Sampled by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
[signature]	11/3/09 18:00	[signature]	11/3/09 18:00
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
[signature]	11/4/09 2:00	[signature]	11-4-09 2:00
Relinquished by: (Signature)	Date/Time	Received for Laboratory by: (Signature)	Date/Time
[signature]	11-4-09 5:15	[signature]	11/4/09 17:15

Laboratory Remarks:
Temp. received: 40
Cooled ☑

Special Instructions:
List Specific Detection Limit Requirements:

Turnaround (Business Days)_____

REPORT OF ANALYTICAL RESULTS

NETLAB Case Number U1120-20

Prepared for:

Attn: Michael Gitten
ATC Associates, Inc.
600 W. Cummings Park
Suite 5500
Woburn, MA 01801

Report Date: November 25, 2009

Lab # RI010

NEW ENGLAND TESTING LABORATORY, INC.
1254 Douglas Avenue, North Providence, RI 02904
(401) 353-3420

Total # of Pages: 6

ANALYTICAL METHOD REPORT CERTIFICATION FORM

Laboratory Name: New England Testing Laboratory, Inc.	Project #: 60.03187.0024
Project Location: Agassiz School, J.P., MA	RTN[1]:

This form provides certifications for the following data set: U1120-20

Sample Matrices: Groundwater ( ) Soil/Sediment ( ) Drinking Water ( ) Other: Caulk

SW-846 Methods Used					
	8260B ( )	8151A ( )	8330 ( )	6010B (x)	7470A/1A ( )
	8270C ( )	8081A ( )	VPH ( )	6020 ( )	9014M[2] ( )
	8082 ( )	8021B ( )	EPH ( )	7000 S[3] ( )	Other: ( )

1 List Release Tracking Number (RTN), if known
2 M – SW-846 Method 9014 or MADEP Physiologically Available Cyanide (PAC) Method
3 S – SW-846 Methods 7000 Series List individual method and analyte

An affirmative response to questions A, B, and C is required for "Presumptive Certainty" status

A	Were all samples received by the laboratory in a condition consistent with that described on the Chain-of Custody documentation for the data set?	Yes (X) No[1] ( )
B	Were all QA/QC procedures required for the specified analytical method(s) included in this report followed, including the requirement to note and discuss in a narrative QC data that did not meet appropriate performance standards or guidelines?	Yes (X) No[1] ( )
C	Does the analytical data included in this report meet all the requirements for "Presumptive Certainty", as described in Section 2.0 of the MADEP document CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data"?	Yes (X) No[1] ( ) Not Applicable ( )
D	***VPH and EPH Methods only***: Was the VPH and EPH Method conducted without significant modifications (see Section 11.3 of respective Methods)	Yes ( ) No[1] ( )

A response to questions E and F below is required for "Presumptive Certainty" status

E	Were all QC performance standards and recommendations for the specified methods achieved?	Yes (X) No[1] ( )
F	Were results for all analyte-list compounds/elements for the specified method(s) reported?	Yes (X) No[1] ( )

[1]All NO answers must be addressed in an attached Environmental Laboratory case narrative.

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

Signature: _____ Position: Laboratory Director

Printed Name: Richard Warila Date: 11/25/2009

SAMPLES SUBMITTED and REQUEST FOR ANALYSIS:

The samples listed in Table I were submitted to New England Testing Laboratory on November 20, 2009. The group of samples appearing in this report was assigned an internal identification number (case number) for laboratory information management purposes. The client's designations for the individual samples, along with our case numbers, are used to identify the samples in this report. This report of analytical results pertains only to the sample(s) provided to us by the client which are indicated on the custoday record. The case number for this sample submission is U1120-20.

Custody records are included in this report.

Project: Agassiz School, JP MA

TABLE I, Samples Submitted

Sample ID	Date Sampled	Matrix	Analysis Requested
Brown Ext. Glaze #7A	11/19/09	Caulk	Table II, III

TABLE II, Analysis and Methods

ANALYSIS	PREPARATION METHOD	DETERMINATIVE METHOD
TCLP	1311	
Lead	3010A	6010B

These methods are documented in:

Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW-846, USEPA/OSW.

CASE NARRATIVE:

Sample Receipt:

No sample for ms/msd analysis was supplied. No trip blank or field blank was supplied. (This does not qualify the analytical results but does prevent conducting these SW-846 {Chapter 1, Section 3.4} QA Audits.)

The samples were all appropriately cooled and preserved upon receipt.

The samples were received in the appropriate containers.

The chain of custody was adequately completed and corresponded to the samples submitted.

Metals:

All analyses were performed according to NETLAB's documented Standard Operating Procedures, within all required holding times, and with appropriate quality control measures. All QC was within laboratory established acceptance criteria. The samples were received, processed, and reported with no anomalies.

Case No. U1120-20

Sample:Brown Ext-Glaze #7A

Date TCLP Extracted: 11/23/09
Date Analyzed: 11/24/09

TCLP Extractable Metals	Result, mg/l	Regulatory Limit, mg/l
Lead	27.0	5.0

U1120-20

NEW ENGLAND TESTING LABORATORY, INC.
1254 Douglas Ave.
North Providence, RI 02904
1-888-863-8522

CHAIN OF CUSTODY RECORD

PROJ. NO. 60.03557.0024

PROJECT NAME/LOCATION: AGASSIZ SCHOOL, J.P., MA

CLIENT: ATC

REPORT TO: JASON ROBACK

INVOICE TO: JASON ROBACK

DATE	TIME	COMP	GRAB	SAMPLE I.D.	AQUEOUS	SOIL	OTHER	NO. OF CONTAINERS	PRESERVATIVE	TESTS: TCLP-LEAD						REMARKS
11/19/09	2:15 PM		X	BROWN'S EXT. GLAZE #7A			X	1	—	X						

Sampled by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
[signature]	11/19/09 2:15 PM	[signature]	11/19/09 2:15 PM
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
[signature]	11/20/09 10:40	[signature]	11/20/09 10:40
Relinquished by: (Signature)	Date/Time	Received for Laboratory by: (Signature)	Date/Time
[signature]	11/20/09 1:30	[signature]	11/20/09 13:30

Laboratory Remarks:
Temp. received: 4°
Cooled ✓

Special Instructions:
List Specific Detection Limit Requirements:

Turnaround (Business Days)_____

REPORT OF ANALYTICAL RESULTS

NETLAB Case Number U1231-14A

Prepared for:

Attn: Jason Roback
ATC Associates, Inc.
600 W. Cummings Park, Suite 5500
Woburn, MA 01801

Report Date: January 4, 2010

Lab # RI010

NEW ENGLAND TESTING LABORATORY, INC.
1254 Douglas Avenue, North Providence, RI 02904
(401) 353-3420

Total # of Pages: 6

ANALYTICAL METHOD REPORT CERTIFICATION FORM

Laboratory Name: New England Testing Laboratory, Inc.	Project #:60.03187.0024
Project Location: Agassiz, Jamaica Plain, MA	RTN[1]:

This form provides certifications for the following data set: U1231-14A

Sample Matrices: Groundwater ( ) Soil/Sediment ( ) Drinking Water ( ) Other: Solid

SW-846 Methods Used					
	8260B ( )	8151A ( )	8330 ( )	6010B (x)	7470A/1A ( )
	8270C ( )	8081A ( )	VPH ( )	6020 ( )	9014M[2] ( )
	8082 ( )	8021B ( )	EPH ( )	7000 S[3] ( )	Other: ( )

1 List Release Tracking Number (RTN), if known
2 M – SW-846 Method 9014 or MADEP Physiologically Available Cyanide (PAC) Method
3 S – SW-846 Methods 7000 Series List individual method and analyte

An affirmative response to questions A, B, and C is required for "Presumptive Certainty" status

A	Were all samples received by the laboratory in a condition consistent with that described on the Chain-of Custody documentation for the data set?	Yes (X) No[1] ( )
B	Were all QA/QC procedures required for the specified analytical method(s) included in this report followed, including the requirement to note and discuss in a narrative QC data that did not meet appropriate performance standards or guidelines?	Yes (X) No[1] ( )
C	Does the analytical data included in this report meet all the requirements for "Presumptive Certainty", as described in Section 2.0 of the MADEP document CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data"?	Yes (X) No[1] ( ) Not Applicable ( )
D	***VPH and EPH Methods only***: Was the VPH and EPH Method conducted without significant modifications (see Section 11.3 of respective Methods)	Yes ( ) No[1] ( )

A response to questions E and F below is required for "Presumptive Certainty" status

E	Were all QC performance standards and recommendations for the specified methods achieved?	Yes (X) No[1] ( )
F	Were results for all analyte-list compounds/elements for the specified method(s) reported?	Yes (X) No[1] ( )

[1]All NO answers must be addressed in an attached Environmental Laboratory case narrative.

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

Signature: _____ Position: Laboratory Director

Printed Name: Richard Warila Date: 1/4/2010

SAMPLES SUBMITTED and REQUEST FOR ANALYSIS:

The samples listed in Table I were submitted to New England Testing Laboratory on December 31, 2009. The group of samples appearing in this report was assigned an internal identification number (case number) for laboratory information management purposes. The client's designations for the individual samples, along with our case numbers, are used to identify the samples in this report. This report of analytical results pertains only to the sample(s) provided to us by the client which are indicated on the custoday record. The case number for this sample submission is U1231-14A.

Custody records are included in this report.

Project: Agassiz, Jamaica Plain, MA

TABLE I, Samples Submitted

Sample ID	Date Sampled	Matrix	Analysis Requested
Location 7A	12/30/09	Solid	Table II
Location 7B	12/30/09	Solid	Table II

TABLE II, Analysis and Methods

ANALYSIS	PREPARATION METHOD	DETERMINATIVE METHOD
TCLP Extraction	1311	NA
Lead	3010A	6010B

These methods are documented in:

Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW-846, USEPA/OSW.

CASE NARRATIVE:

Sample Receipt:

No sample for ms/msd analysis was supplied. No trip blank or field blank was supplied. (This does not qualify the analytical results but does prevent conducting these SW-846 {Chapter 1, Section 3.4} QA Audits.)

The samples were all appropriately cooled and preserved upon receipt.

The samples were received in the appropriate containers.

The chain of custody was adequately completed and corresponded to the samples submitted.

Metals:

All analyses were performed according to NETLAB's documented Standard Operating Procedures, within all required holding times, and with appropriate quality control measures. All QC was within laboratory established acceptance criteria. The samples were received, processed, and reported with no anomalies.

Sample: Location 7A Case No. U1231-14A

Date TCLP Extracted:12/31/09
Date Analyzed:1/4/10

TCLP Extractable Metals	Result, mg/L	Regulatory Limit, mg/L
Lead	5.10	5.0

Sample: Location 7B Case No. U1231-14A

Date TCLP Extracted:12/31/09
Date Analyzed:1/4/10

TCLP Extractable Metals	Result, mg/L	Regulatory Limit, mg/L
Lead	5.30	5.0

31-14A

NEW ENGLAND TESTING LABORATORY, INC.
1254 Douglas Ave.
North Providence, RI 02904
1-888-863-8522

CHAIN OF CUSTODY RECORD

PROJ. NO.: 60.03157.0024
PROJECT NAME/LOCATION: AGASSIZ, JAMAICA PLAIN, MA
CLIENT: ATC - WOBURN, MA
REPORT TO: JASON ROBACK
INVOICE TO: JASON ROBACK

DATE	TIME	COMP	GRAB	SAMPLE I.D.	AQUEOUS	SOIL	OTHER	NO. OF CONTAINERS	PRESERVATIVE	TESTS: PCB 8082w/SOXHELET EXTR.	TCLP LEAD					REMARKS
12/30/09	14:30	X		LOCATION 7A (*)			X	1	—		X					RUSH TAT; RESULTS DUE
	14:30	X		LOCATION 7B (*)							X					BY 2PM 1/4/09
	14:40			LOCATION 7-OUTER 1/2" CONC.						X						
	14:50			LOCATION 7-INNER 1/2" CONC.						X						STANDARD TAT
	15:00			LOCATION 7-INNER 2" CONC.						X						
	15:10			LOCATION 7-POLYSTYRENE						X						

6

(*) ANALYZE ALL MATERIALS IN SAMPLE BAG, MAY CONTAIN PCBs.

Sampled by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
[signature]		[signature]	12-31-09 10:35
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
[signature]	12-31-09 2:20		
Relinquished by: (Signature)	Date/Time	Received for Laboratory by: (Signature)	Date/Time
		[signature]	12/31/09 14:20

Laboratory Remarks:
Temp. received: 5
Cooled: ✓

Special Instructions:
List Specific Detection Limit Requirements:

Turnaround (Business Days): RUSH + STANDARD

REPORT OF ANALYTICAL RESULTS

NETLAB Case Number U1229-21

Prepared for:

Attn: Jason Roback
ATC Associates, Inc.
600 W. Cummings Park, Suite 5500
Woburn, MA 01801

Report Date: January 5, 2010

Lab # RI010

NEW ENGLAND TESTING LABORATORY, INC.
1254 Douglas Avenue, North Providence, RI 02904
(401) 353-3420

Total # of Pages: 12

ANALYTICAL METHOD REPORT CERTIFICATION FORM

Laboratory Name: New England Testing Laboratory, Inc.	Project #: 60.03187.0024
Project Location: Agassiz School, Jamaica Plain, MA	RTN[1]:
This form provides certifications for the following data set: U1229-21	
Sample Matrices: Groundwater ( ) Soil/Sediment ( ) Drinking Water ( ) Other: Solid	

SW-846 Methods Used					
	8260B ( )	8151A ( )	8330 ( )	6010B (x)	7470A/1A ( )
	8270C ( )	8081A ( )	VPH ( )	6020 ( )	9014M[2] ( )
	8082 (x)	8021B ( )	EPH ( )	7000 S[3] ( )	Other: ( )

1 List Release Tracking Number (RTN), if known
2 M – SW-846 Method 9014 or MADEP Physiologically Available Cyanide (PAC) Method
3 S – SW-846 Methods 7000 Series List individual method and analyte

An affirmative response to questions A, B, and C is required for "Presumptive Certainty" status

A	Were all samples received by the laboratory in a condition consistent with that described on the Chain-of Custody documentation for the data set?	Yes (X) No[1] ( )
B	Were all QA/QC procedures required for the specified analytical method(s) included in this report followed, including the requirement to note and discuss in a narrative QC data that did not meet appropriate performance standards or guidelines?	Yes (X) No[1] ( )
C	Does the analytical data included in this report meet all the requirements for "Presumptive Certainty", as described in Section 2.0 of the MADEP document CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data"?	Yes (X) No[1] ( ) Not Applicable ( )
D	***VPH and EPH Methods only***: Was the VPH and EPH Method conducted without significant modifications (see Section 11.3 of respective Methods)	Yes ( ) No[1] ( )

A response to questions E and F below is required for "Presumptive Certainty" status

E	Were all QC performance standards and recommendations for the specified methods achieved?	Yes (X) No[1] ( )
F	Were results for all analyte-list compounds/elements for the specified method(s) reported?	Yes (X) No[1] ( )

[1]All NO answers must be addressed in an attached Environmental Laboratory case narrative.

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

Signature: _____ Position: Laboratory Director

Printed Name: Richard Warila Date: 1/5/2010

SAMPLES SUBMITTED and REQUEST FOR ANALYSIS:

The samples listed in Table I were submitted to New England Testing Laboratory on December 29, 2009. The group of samples appearing in this report was assigned an internal identification number (case number) for laboratory information management purposes. The client's designations for the individual samples, along with our case numbers, are used to identify the samples in this report. This report of analytical results pertains only to the sample(s) provided to us by the client which are indicated on the custoday record. The case number for this sample submission is U1229-21.

Custody records are included in this report.

Project: Agassiz School, Jamaica Plain, MA

TABLE I, Samples Submitted

Sample ID	Date Sampled	Matrix	Analysis Requested
Outer ½" Conc.	12/28/09	Solid	Table II
Window Insulation	12/28/09	Solid	Table II
Inner ½" Conc.	12/28/09	Solid	Table II
Inner 2" Conc.	12/28/09	Solid	Table II

TABLE II, Analysis and Methods

ANALYSIS	PREPARATION METHOD	DETERMINATIVE METHOD
PCBs	3540C	8082

These methods are documented in:

Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW-846, USEPA/OSW.

CASE NARRATIVE:

Sample Receipt:

No sample for ms/msd/duplicate analysis was supplied. No field blank was supplied. (This does not qualify the analytical results but does prevent conducting these SW-846 {Chapter 1, Section 3.4} QA Audits.)

The samples were all appropriately cooled and preserved upon receipt.

The samples were received in the appropriate containers.

The chain of custody was adequately completed and corresponded to the samples submitted.

PCBs:

The samples were extracted and analyzed within method specified holding times and according to NETLAB's documented standard operating procedures. The results for the associated calibration, method blank and laboratory control sample (LCS) were within method specified quality control criteria.

RESULTS: PCBs

The presence of the NETLAB LOGO in the top right corner of each page in this section indicates:

The Technical Manager of the Organics Analysis Department certifies that the samples included in this section have been prepared and analyzed using the procedures cited and that the results have been reviewed and approved. Any exceptions or qualifications of substance have been reported in the case narrative.

Sample: Outer ½" Conc.		
Case No.: U1229-21		
Date Collected: 12/28/09		
Sample Matrix: Solid		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	1/4/10	1/5/10
Analytical Method: EPA 8082		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aroclor-1221	N.D.	1000
Aroclor-1232	N.D.	1000
Aroclor-1016/1242	N.D.	1000
Aroclor-1248	N.D.	1000
Aroclor-1254	N.D.	1000
Aroclor-1260	N.D.	1000
Aroclor-1262	N.D.	1000
Aroclor-1268	N.D.	1000
Surrogates:		
Compound	% Recovery	Limits
TCMX	108	43-125
DCBP	122	41-127

*Wet Weight Basis

Sample: Window Insulation		
Case No.: U1229-21		
Date Collected: 12/28/09		
Sample Matrix: Solid		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	1/4/10	1/5/10
Analytical Method: EPA 8082		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aroclor-1221	N.D.	1000
Aroclor-1232	N.D.	1000
Aroclor-1016/1242	N.D.	1000
Aroclor-1248	N.D.	1000
Aroclor-1254	N.D.	1000
Aroclor-1260	N.D.	1000
Aroclor-1262	N.D.	1000
Aroclor-1268	N.D.	1000
Surrogates:		
Compound	% Recovery	Limits
TCMX	100	43-125
DCBP	103	41-127

*Wet Weight Basis

Sample: Inner ½" Conc.		
Case No.: U1229-21		
Date Collected: 12/28/09		
Sample Matrix: Solid		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	1/4/10	1/5/10
Analytical Method: EPA 8082		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aroclor-1221	N.D.	1000
Aroclor-1232	N.D.	1000
Aroclor-1016/1242	N.D.	1000
Aroclor-1248	N.D.	1000
Aroclor-1254	N.D.	1000
Aroclor-1260	N.D.	1000
Aroclor-1262	N.D.	1000
Aroclor-1268	N.D.	1000
Surrogates:		
Compound	% Recovery	Limits
TCMX	110	43-125
DCBP	115	41-127

*Wet Weight Basis

Sample: Inner 2” Conc.		
Case No.: U1229-21		
Date Collected: 12/28/09		
Sample Matrix: Solid		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	1/4/10	1/5/10
Analytical Method: EPA 8082		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aroclor-1221	N.D.	1000
Aroclor-1232	N.D.	1000
Aroclor-1016/1242	N.D.	1000
Aroclor-1248	N.D.	1000
Aroclor-1254	N.D.	1000
Aroclor-1260	N.D.	1000
Aroclor-1262	N.D.	1000
Aroclor-1268	N.D.	1000
Surrogates:		
Compound	% Recovery	Limits
TCMX	97	43-125
DCBP	113	41-127

*Wet Weight Basis

Sample: Method Blank		
Case No.: U1229-21		
Date Collected: NA		
Sample Matrix: Solid		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	1/4/10	1/5/10
Analytical Method: EPA 8082		
Compound	Concentration ug/kg (ppb)	Reporting Limit
Aroclor-1221	N.D.	1000
Aroclor-1232	N.D.	1000
Aroclor-1016/1242	N.D.	1000
Aroclor-1248	N.D.	1000
Aroclor-1254	N.D.	1000
Aroclor-1260	N.D.	1000
Aroclor-1262	N.D.	1000
Aroclor-1268	N.D.	1000
Surrogates:		
Compound	% Recovery	Limits
TCMX	93	43-125
DCBP	109	41-127

PCB Laboratory Control Spike #1

Sample Matrix: Solid				
Subject: PCB	Date Extracted			Date Analyzed
Prep Method: EPA 3540C	1/4/10			1/5/10
Analytical Method: EPA 8082				
Compound	Amount Spiked mg/kg	Result mg/kg	Recovery %	Recovery Limits
Aroclor 1016	0.500	0.515	103	46-117
Aroclor 1260	0.500	0.569	114	46-117
Surrogates:				
Compound	% Recovery	Limits		
TCMX	106	43-125		
DCBP	121	41-127		

NEW ENGLAND TESTING LABORATORY, INC.
1254 Douglas Ave.
North Providence, RI 02904
1-888-863-8522

U1229-21

CHAIN OF CUSTODY RECORD

PROJ. NO.: 060.0318.7.0024
PROJECT NAME/LOCATION: AGASSIZ SCHOOL / JAMAICA PLAIN
CLIENT: ATC ASSOCIATES
REPORT TO: JASON.RUBALK@atcassociates.com
INVOICE TO: MICHAEL GILTEN

DATE	TIME	COMP	GRAB	SAMPLE I.D.	AQUEOUS	SOIL	OTHER	NO. OF CONTAINERS	PRESERVATIVE	TESTS: PCB 8082	TCLP LEAD					REMARKS
12/28/09	1100			ROOM 106A / LOCATION 7			/	1	NONE		/					RUSH! NEED RESULTS BY 0900 1/4/2010 — RUN ANALYSIS ON ALL MATERIALS IN SAMPLE BAG. MAY CONTAIN PCB'S ASWELL
	1130			ROOM 106B / LOCATION 7			/	1			/					
	1300			OUTER 1/2" CONC			/	1		/						STANDARD TAT
	1310			WINDOW INSULATION			/	1		/						
	1320			INNER 1/2" CONC.			/	1		/						
	1330			INNER 2" CONC.			/	1		/						

Sampled by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
[signature]	12/29/01 0705		
Relinquished by: (Signature)	**Date/Time**	**Received by: (Signature)**	**Date/Time**
[signature]	12/29/09 1420	Robert Rue	12/29/09 1420
Relinquished by: (Signature)	**Date/Time**	**Received for Laboratory by: (Signature)**	**Date/Time**
Robert Rue	12/29/09 4:00	[signature]	12/29/09 16:00

Laboratory Remarks:
Temp. received: 5°
Cooled ☐

Special Instructions: * Cancel TCLP Lead 12/30
List Specific Detection Limit Requirements:
PCB's w/ SOXHELET EXTRACTION

Turnaround (Business Days): RUSH (TCLP LEAD) STANDARD (PCB 8082)

12/30

REPORT OF ANALYTICAL RESULTS

NETLAB Case Number U1231-14B

Prepared for:

Attn: Jason Roback
ATC Associates, Inc.
600 W. Cummings Park, Suite 5500
Woburn, MA 01801

Report Date: January 6, 2010

Lab # RI010

NEW ENGLAND TESTING LABORATORY, INC.
1254 Douglas Avenue, North Providence, RI 02904
(401) 353-3420

Total # of Pages: 14

ANALYTICAL METHOD REPORT CERTIFICATION FORM

Laboratory Name: New England Testing Laboratory, Inc.	Project #: 60.03187.0024
Project Location: Agassiz, Jamaica Plain, MA	RTN[1]:

This form provides certifications for the following data set: U1231-14B

Sample Matrices: Groundwater ( ) Soil/Sediment ( ) Drinking Water ( ) Other: Solid

SW-846 Methods Used					
	8260B ( )	8151A ( )	8330 ( )	6010B ( )	7470A/1A ( )
	8270C ( )	8081A ( )	VPH ( )	6020 ( )	9014M[2] ( )
	8082 (x)	8021B ( )	EPH ( )	7000 S[3] ( )	Other: ( )

1 List Release Tracking Number (RTN), if known
2 M – SW-846 Method 9014 or MADEP Physiologically Available Cyanide (PAC) Method
3 S – SW-846 Methods 7000 Series List individual method and analyte

An affirmative response to questions A, B, and C is required for "Presumptive Certainty" status

A	Were all samples received by the laboratory in a condition consistent with that described on the Chain-of Custody documentation for the data set?	Yes (X) No[1] ( )
B	Were all QA/QC procedures required for the specified analytical method(s) included in this report followed, including the requirement to note and discuss in a narrative QC data that did not meet appropriate performance standards or guidelines?	Yes (X) No[1] ( )
C	Does the analytical data included in this report meet all the requirements for "Presumptive Certainty", as described in Section 2.0 of the MADEP document CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data"?	Yes (X) No[1] ( ) Not Applicable ( )
D	***VPH and EPH Methods only***: Was the VPH and EPH Method conducted without significant modifications (see Section 11.3 of respective Methods)	Yes ( ) No[1] ( )

A response to questions E and F below is required for "Presumptive Certainty" status

E	Were all QC performance standards and recommendations for the specified methods achieved?	Yes (X) No[1] ( )
F	Were results for all analyte-list compounds/elements for the specified method(s) reported?	Yes (X) No[1] ( )

[1]All NO answers must be addressed in an attached Environmental Laboratory case narrative.

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

Signature: _____ Position: Laboratory Director

Printed Name: Richard Warila Date: 1/6/2010

SAMPLES SUBMITTED and REQUEST FOR ANALYSIS:

The samples listed in Table I were submitted to New England Testing Laboratory on December 31, 2009. The group of samples appearing in this report was assigned an internal identification number (case number) for laboratory information management purposes. The client's designations for the individual samples, along with our case numbers, are used to identify the samples in this report. This report of analytical results pertains only to the sample(s) provided to us by the client which are indicated on the custoday record. The case number for this sample submission is U1231-14B.

Custody records are included in this report.

Project: Agassiz School, Jamaica Plain, MA

TABLE I, Samples Submitted

Sample ID	Date Sampled	Matrix	Analysis Requested
Location 7 - Outer ½" Conc.	12/30/09	Solid	Table II
Location 7 - Inner ½" Conc.	12/30/09	Solid	Table II
Location 7 - Inner 2" Conc.	12/30/09	Solid	Table II
Location 7 – Polystyrene	12/30/09	Solid	Table II

TABLE II, Analysis and Methods

ANALYSIS	PREPARATION METHOD	DETERMINATIVE METHOD
PCBs	3540C	8082

These methods are documented in:

Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW-846, USEPA/OSW.

CASE NARRATIVE:

Sample Receipt:

No sample for ms/msd/duplicate analysis was supplied. No field blank was supplied. (This does not qualify the analytical results but does prevent conducting these SW-846 {Chapter 1, Section 3.4} QA Audits.)

The samples were all appropriately cooled and preserved upon receipt.

The samples were received in the appropriate containers.

The chain of custody was adequately completed and corresponded to the samples submitted.

PCBs:

The samples were extracted and analyzed within method specified holding times and according to NETLAB's documented standard operating procedures. The results for the associated calibration, method blank and laboratory control sample (LCS) were within method specified quality control criteria.

RESULTS: PCBs

The presence of the NETLAB LOGO in the top right corner of each page in this section indicates:

The Technical Manager of the Organics Analysis Department certifies that the samples included in this section have been prepared and analyzed using the procedures cited and that the results have been reviewed and approved. Any exceptions or qualifications of substance have been reported in the case narrative.

Sample: Location 7 - Outer ½" Conc.		
Case No.: U1231-14B		
Date Collected: 12/30/09		
Sample Matrix: Solid		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	1/4/10	1/5/10
Analytical Method: EPA 8082		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aroclor-1221	N.D.	1000
Aroclor-1232	N.D.	1000
Aroclor-1016/1242	N.D.	1000
Aroclor-1248	N.D.	1000
Aroclor-1254	N.D.	1000
Aroclor-1260	N.D.	1000
Aroclor-1262	N.D.	1000
Aroclor-1268	N.D.	1000
Surrogates:		
Compound	% Recovery	Limits
TCMX	91	43-125
DCBP	111	41-127

*Wet Weight Basis

Sample: Location 7 – Inner ½" Conc.		
Case No.: U1231-14B		
Date Collected: 12/30/09		
Sample Matrix: Solid		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	1/5/10	1/6/10
Analytical Method: EPA 8082		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aroclor-1221	N.D.	1000
Aroclor-1232	N.D.	1000
Aroclor-1016/1242	N.D.	1000
Aroclor-1248	N.D.	1000
Aroclor-1254	N.D.	1000
Aroclor-1260	N.D.	1000
Aroclor-1262	N.D.	1000
Aroclor-1268	N.D.	1000
Surrogates:		
Compound	% Recovery	Limits
TCMX	100	43-125
DCBP	113	41-127

*Wet Weight Basis

Sample: Location 7 - Inner 2" Conc.		
Case No.: U1231-14B		
Date Collected: 12/30/09		
Sample Matrix: Solid		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	1/5/10	1/6/10
Analytical Method: EPA 8082		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aroclor-1221	N.D.	1000
Aroclor-1232	N.D.	1000
Aroclor-1016/1242	N.D.	1000
Aroclor-1248	N.D.	1000
Aroclor-1254	N.D.	1000
Aroclor-1260	N.D.	1000
Aroclor-1262	N.D.	1000
Aroclor-1268	N.D.	1000
Surrogates:		
Compound	% Recovery	Limits
TCMX	105	43-125
DCBP	117	41-127

*Wet Weight Basis

Sample: Polystyrene		
Case No.: U1231-14B		
Date Collected: 12/30/09		
Sample Matrix: Solid		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	1/5/10	1/6/10
Analytical Method: EPA 8082		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aroclor-1221	N.D.	1000
Aroclor-1232	N.D.	1000
Aroclor-1016/1242	N.D.	1000
Aroclor-1248	N.D.	1000
Aroclor-1254	N.D.	1000
Aroclor-1260	N.D.	1000
Aroclor-1262	N.D.	1000
Aroclor-1268	N.D.	1000
Surrogates:		
Compound	% Recovery	Limits
TCMX	111	43-125
DCBP	98	41-127

*Wet Weight Basis

Sample: Method Blank		
Case No.: U1229-21		
Date Collected: NA		
Sample Matrix: Solid		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	1/4/10	1/5/10
Analytical Method: EPA 8082		
Compound	Concentration ug/kg (ppb)	Reporting Limit
Aroclor-1221	N.D.	1000
Aroclor-1232	N.D.	1000
Aroclor-1016/1242	N.D.	1000
Aroclor-1248	N.D.	1000
Aroclor-1254	N.D.	1000
Aroclor-1260	N.D.	1000
Aroclor-1262	N.D.	1000
Aroclor-1268	N.D.	1000
Surrogates:		
Compound	% Recovery	Limits
TCMX	93	43-125
DCBP	109	41-127

Sample: Method Blank		
Case No.: U1231-14B		
Date Collected: NA		
Sample Matrix: Solid		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	1/5/10	1/6/10
Analytical Method: EPA 8082		
Compound	Concentration ug/kg (ppb)	Reporting Limit
Aroclor-1221	N.D.	1000
Aroclor-1232	N.D.	1000
Aroclor-1016/1242	N.D.	1000
Aroclor-1248	N.D.	1000
Aroclor-1254	N.D.	1000
Aroclor-1260	N.D.	1000
Aroclor-1262	N.D.	1000
Aroclor-1268	N.D.	1000
Surrogates:		
Compound	% Recovery	Limits
TCMX	94	43-125
DCBP	104	41-127

PCB Laboratory Control Spike

Sample Matrix: Solid				
Subject: PCB	Date Extracted			Date Analyzed
Prep Method: EPA 3540C	1/4/10			1/5/10
Analytical Method: EPA 8082				
Compound	Amount Spiked mg/kg	Result mg/kg	Recovery %	Recovery Limits
Aroclor 1016	0.500	0.515	103	46-117
Aroclor 1260	0.500	0.569	114	46-117
Surrogates:				
Compound	% Recovery	Limits		
TCMX	106	43-125		
DCBP	121	41-127		

PCB Laboratory Control Spike

Sample Matrix: Solid				
Subject: PCB	Date Extracted			Date Analyzed
Prep Method: EPA 3540C	1/5/10			1/6/10
Analytical Method: EPA 8082				
Compound	Amount Spiked mg/kg	Result mg/kg	Recovery %	Recovery Limits
Aroclor 1016	0.500	0.536	107	46-117
Aroclor 1260	0.500	0.545	109	46-117
Surrogates:				
Compound	% Recovery	Limits		
TCMX	109	43-125		
DCBP	116	41-127		

U1231-14B

NEW ENGLAND TESTING LABORATORY, INC.
1254 Douglas Ave.
North Providence, RI 02904
1-888-863-8522

CHAIN OF CUSTODY RECORD

PROJ. NO.: 60.03157.0024
PROJECT NAME/LOCATION: AGASSIZ, JAMAICA PLAIN, MA
CLIENT: ATC - WOBURN, MA
REPORT TO: JASON ROBACK
INVOICE TO: JASON ROBACK

DATE	TIME	COMP	GRAB	SAMPLE I.D.	AQUEOUS	SOIL	OTHER	NO. OF CONTAINERS	PRESERVATIVE	TESTS: PCB 8082w/SOXHLET EXTR.	TESTS: TCLP LEAD					REMARKS
12/30/09	14:30	X		LOCATION 7A (*)			X	1	—		X					RUSH TAT; RESULTS DUE
	14:30	X		LOCATION 7B (*)							X					BY 2PM 1/4/09
	14:40			LOCATION 7-OUTER 1/2" CONC.						X						
	14:50			LOCATION 7-INNER 1/2" CONC.						X						STANDARD TAT
	15:00			LOCATION 7-INNER 2" CONC.						X						
	15:10			LOCATION 7-POLYSTYRENE						X						
								6								

(*) ANALYZE ALL MATERIALS IN SAMPLE BAG, MAY CONTAIN PCBs.

Sampled by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
[signature]		[signature]	12-31-09 10:35
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
[signature]	12-31-09 2:20		
Relinquished by: (Signature)	Date/Time	Received for Laboratory by: (Signature)	Date/Time
		[signature]	12/31/09 14:20

Laboratory Remarks:
Temp. received: 5°
Cooled: Y

Special Instructions:
List Specific Detection Limit Requirements:

Turnaround (Business Days): RUSH + STANDARD

REPORT OF ANALYTICAL RESULTS

NETLAB Case Number V0104-21

Prepared for:

Attn: Jason Roback
ATC Associates, Inc.
600 W. Cummings Park, Suite 5500
Woburn, MA 01801

Report Date: January 7, 2010

Lab # RI010

NEW ENGLAND TESTING LABORATORY, INC.
1254 Douglas Avenue, North Providence, RI 02904
(401) 353-3420

Total # of Pages: 6

ANALYTICAL METHOD REPORT CERTIFICATION FORM

Laboratory Name: New England Testing Laboratory, Inc.	Project #:60.0318.7.0024
Project Location: Agassiz School, Jamaica Plain, MA	RTN[1]:

This form provides certifications for the following data set: V0104-21

Sample Matrices: Groundwater ( ) Soil/Sediment ( ) Drinking Water ( ) Other: Solid

SW-846 Methods Used					
	8260B ( )	8151A ( )	8330 ( )	6010B (x)	7470A/1A ( )
	8270C ( )	8081A ( )	VPH ( )	6020 ( )	9014M[2] ( )
	8082 ( )	8021B ( )	EPH ( )	7000 S[3] ( )	Other: ( )

1 List Release Tracking Number (RTN), if known
2 M – SW-846 Method 9014 or MADEP Physiologically Available Cyanide (PAC) Method
3 S – SW-846 Methods 7000 Series List individual method and analyte

An affirmative response to questions A, B, and C is required for "Presumptive Certainty" status

A	Were all samples received by the laboratory in a condition consistent with that described on the Chain-of Custody documentation for the data set?	Yes (X) No[1] ( )
B	Were all QA/QC procedures required for the specified analytical method(s) included in this report followed, including the requirement to note and discuss in a narrative QC data that did not meet appropriate performance standards or guidelines?	Yes (X) No[1] ( )
C	Does the analytical data included in this report meet all the requirements for "Presumptive Certainty", as described in Section 2.0 of the MADEP document CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data"?	Yes (X) No[1] ( ) Not Applicable ( )
D	***VPH and EPH Methods only***: Was the VPH and EPH Method conducted without significant modifications (see Section 11.3 of respective Methods)	Yes ( ) No[1] ( )

A response to questions E and F below is required for "Presumptive Certainty" status

E	Were all QC performance standards and recommendations for the specified methods achieved?	Yes (X) No[1] ( )
F	Were results for all analyte-list compounds/elements for the specified method(s) reported?	Yes (X) No[1] ( )

[1]All NO answers must be addressed in an attached Environmental Laboratory case narrative.

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

Signature: _____ Position: Laboratory Director

Printed Name: Richard Warila Date: 1/7/2010

SAMPLES SUBMITTED and REQUEST FOR ANALYSIS:

The samples listed in Table I were submitted to New England Testing Laboratory on December 29, 2009 and additional analysis was requested on January 5, 2010. The group of samples appearing in this report was assigned an internal identification number (case number) for laboratory information management purposes. The client's designations for the individual samples, along with our case numbers, are used to identify the samples in this report. This report of analytical results pertains only to the sample(s) provided to us by the client which are indicated on the custoday record. The case number for this sample submission is V0104-21.

Custody records are included in this report.

Project: Agassiz, Jamica Plain, MA

TABLE I, Samples Submitted

Sample ID	Date Sampled	Matrix	Analysis Requested
Room 106A/Location 7	12/28/09	Solid	Table II

TABLE II, Analysis and Methods

ANALYSIS	PREPARATION METHOD	DETERMINATIVE METHOD
TCLP Extraction	1311	NA
Lead	3010A	6010B

These methods are documented in:

Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW-846, USEPA/OSW.

CASE NARRATIVE:

Sample Receipt:

No sample for ms/msd analysis was supplied. No trip blank or field blank was supplied. (This does not qualify the analytical results but does prevent conducting these SW-846 {Chapter 1, Section 3.4} QA Audits.)

The samples were all appropriately cooled and preserved upon receipt.

The samples were received in the appropriate containers.

The chain of custody was adequately completed and corresponded to the samples submitted.

Metals:

All analyses were performed according to NETLAB's documented Standard Operating Procedures, within all required holding times, and with appropriate quality control measures. All QC was within laboratory established acceptance criteria. The samples were received, processed, and reported with no anomalies.

Sample: Room 106A/Location 7 Case No. V0104-21

Date TCLP Extracted: 1/4/10
Date Analyzed: 1/6/10

TCLP Extractable Metals	Result, mg/L	Regulatory Limit, mg/L
Lead	0.89	5.0

V0104-21

~~U12-29-21~~ Dew

NEW ENGLAND TESTING LABORATORY, INC.
1254 Douglas Ave.
North Providence, RI 02904
1-888-863-8522

CHAIN OF CUSTODY RECORD

PROJ. NO.: 060.0318.7.0024
PROJECT NAME/LOCATION: AGASSIZ SCHOOL / JAMAICA PLAIN
CLIENT: ATC ASSOCIATES
REPORT TO: JASON.DUBALK@ATCASSOCIATES.COM
INVOICE TO: MICHAEL GILTON

DATE	TIME	COMP	GRAB	SAMPLE I.D.	AQUEOUS	SOIL	OTHER	NO. OF CONTAINERS	PRESERVATIVE	TESTS: PCB 8082	~~TCLP LEAD~~	TCLP Pb	Cadmium	Pep	Carbon	REMARKS
12/28/09	1100			ROOM 106A / LOCATION 7			/	~~[illegible]~~ 1	NONE		/	X				RUSH! NEED RESULTS BY 0900 1/4/2010 — RUN ANALYSIS ON ALL MATERIALS IN SAMPLE BAG. MAY CONTAIN PCB'S AS WELL
	1130			ROOM 106B / LOCATION 7			/	1			/					
	1360			OUTER 1/2" CONC			/	1		/						STANDARD TAT
	1310			WINDOW INSULATION			/	1		/						
	1320			INNER 1/2" CONC.			/	1		/						
	1330			INNER 2" CONC.			/	1		/						

Sampled by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
[signature]	12/29/01 0905		
Relinquished by: (Signature)	**Date/Time**	**Received by: (Signature)**	**Date/Time**
[signature]	12/29/09 1420	Robert Lee	12/29/09 1420
Relinquished by: (Signature)	**Date/Time**	**Received for Laboratory by: (Signature)**	**Date/Time**
Robert Lee	12/29/09 4.00	[signature]	12/29/09 16:00

Laboratory Remarks:
Temp. received: 5°
Cooled ☐

Special Instructions: * Cancel TCLP Lead 12/30
List Specific Detection Limit Requirements:
PCB's w/ SOXHELET EXTRACTION

Turnaround (Business Days): RUSH (TCLP LEAD) STANDARD (PCB 8082)

Page 6 of 6

REPORT OF ANALYTICAL RESULTS

NETLAB Case Number V0115-42

Prepared for:

Attn: Michael Gitten
ATC Associates, Inc.
600 W. Cummings Park, Suite 5500
Woburn, MA 01801

Report Date: January 21, 2010

Lab # RI010

NEW ENGLAND TESTING LABORATORY, INC.
1254 Douglas Avenue, North Providence, RI 02904
(401) 353-3420

Total # of Pages: 12

ANALYTICAL METHOD REPORT CERTIFICATION FORM

Laboratory Name: New England Testing Laboratory, Inc.	Project #: 060.03187.0002
Project Location: Agassiz School, Jamaica Plain, MA	RTN[1]:
This form provides certifications for the following data set: V0115-42	
Sample Matrices: Groundwater ( ) Soil/Sediment ( ) Drinking Water ( ) Other: Solid	

SW-846 Methods Used					
	8260B ( )	8151A ( )	8330 ( )	6010B ( )	7470A/1A ( )
	8270C ( )	8081A ( )	VPH ( )	6020 ( )	9014M[2] ( )
	8082 (x)	8021B ( )	EPH ( )	7000 S[3] ( )	Other: ( )

1 List Release Tracking Number (RTN), if known
2 M – SW-846 Method 9014 or MADEP Physiologically Available Cyanide (PAC) Method
3 S – SW-846 Methods 7000 Series List individual method and analyte

An affirmative response to questions A, B, and C is required for "Presumptive Certainty" status

A	Were all samples received by the laboratory in a condition consistent with that described on the Chain-of Custody documentation for the data set?	Yes (X) No[1] ( )
B	Were all QA/QC procedures required for the specified analytical method(s) included in this report followed, including the requirement to note and discuss in a narrative QC data that did not meet appropriate performance standards or guidelines?	Yes (X) No[1] ( )
C	Does the analytical data included in this report meet all the requirements for "Presumptive Certainty", as described in Section 2.0 of the MADEP document CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data"?	Yes (X) No[1] ( ) Not Applicable ( )
D	***VPH and EPH Methods only***: Was the VPH and EPH Method conducted without significant modifications (see Section 11.3 of respective Methods)	Yes ( ) No[1] ( )

A response to questions E and F below is required for "Presumptive Certainty" status

E	Were all QC performance standards and recommendations for the specified methods achieved?	Yes (X) No[1] ( )
F	Were results for all analyte-list compounds/elements for the specified method(s) reported?	Yes (X) No[1] ( )

[1]All NO answers must be addressed in an attached Environmental Laboratory case narrative.

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

Signature: _____ Position: Laboratory Director

Printed Name: Richard Warila Date: 1/21/2010

SAMPLES SUBMITTED and REQUEST FOR ANALYSIS:

The samples listed in Table I were submitted to New England Testing Laboratory on January 15, 2010. The group of samples appearing in this report was assigned an internal identification number (case number) for laboratory information management purposes. The client's designations for the individual samples, along with our case numbers, are used to identify the samples in this report. This report of analytical results pertains only to the sample(s) provided to us by the client which are indicated on the custoday record. The case number for this sample submission is V0115-42.

Custody records are included in this report.

Project: Agassiz School, Jamaica Plain, MA

TABLE I, Samples Submitted

Sample ID	Date Sampled	Matrix	Analysis Requested
#9 Outter Surface Conc.	1/14/10	Solid	Table II
#9 Insulation	1/14/10	Solid	Table II
#9 Inner Surface Conc.	1/14/10	Solid	Table II
#9 Inner 2" Conc.	1/14/10	Solid	Table II

TABLE II, Analysis and Methods

ANALYSIS	PREPARATION METHOD	DETERMINATIVE METHOD
PCBs	3540C	8082

These methods are documented in:

Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW-846, USEPA/OSW.

CASE NARRATIVE:

Sample Receipt:

No sample for ms/msd/duplicate analysis was supplied. No field blank was supplied. (This does not qualify the analytical results but does prevent conducting these SW-846 {Chapter 1, Section 3.4} QA Audits.)

The samples were all appropriately cooled and preserved upon receipt.

The samples were received in the appropriate containers.

The chain of custody was adequately completed and corresponded to the samples submitted.

PCBs:

The samples were extracted and analyzed within method specified holding times and according to NETLAB's documented standard operating procedures. The results for the associated calibration, method blank and laboratory control sample (LCS) were within method specified quality control criteria.

RESULTS: PCBs

The presence of the NETLAB LOGO in the top right corner of each page in this section indicates:

The Technical Manager of the Organics Analysis Department certifies that the samples included in this section have been prepared and analyzed using the procedures cited and that the results have been reviewed and approved. Any exceptions or qualifications of substance have been reported in the case narrative.

Sample: #9 Outter Surface Conc.		
Case No.: V0115-42		
Date Collected: 1/14/10		
Sample Matrix: Solid		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	1/18/10	1/20/10
Analytical Method: EPA 8082		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aroclor-1221	N.D.	1000
Aroclor-1232	N.D.	1000
Aroclor-1016/1242	N.D.	1000
Aroclor-1248	N.D.	1000
Aroclor-1254	N.D.	1000
Aroclor-1260	N.D.	1000
Aroclor-1262	N.D.	1000
Aroclor-1268	N.D.	1000
Surrogates:		
Compound	% Recovery	Limits
TCMX	95	43-125
DCBP	113	41-127

*Wet Weight Basis

Sample: #9 Insulation		
Case No.: V0115-42		
Date Collected: 1/15/10		
Sample Matrix: Solid		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	1/18/10	1/20/10
Analytical Method: EPA 8082		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aroclor-1221	N.D.	1000
Aroclor-1232	N.D.	1000
Aroclor-1016/1242	N.D.	1000
Aroclor-1248	N.D.	1000
Aroclor-1254	N.D.	1000
Aroclor-1260	N.D.	1000
Aroclor-1262	N.D.	1000
Aroclor-1268	N.D.	1000
Surrogates:		
Compound	% Recovery	Limits
TCMX	98	43-125
DCBP	110	41-127

*Wet Weight Basis

Sample:#9 Inner Surface Conc.		
Case No.: V0115-42		
Date Collected: 1/14/10		
Sample Matrix: Solid		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	1/18/10	1/20/10
Analytical Method: EPA 8082		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aroclor-1221	N.D.	1000
Aroclor-1232	N.D.	1000
Aroclor-1016/1242	N.D.	1000
Aroclor-1248	N.D.	1000
Aroclor-1254	N.D.	1000
Aroclor-1260	N.D.	1000
Aroclor-1262	N.D.	1000
Aroclor-1268	N.D.	1000
Surrogates:		
Compound	% Recovery	Limits
TCMX	97	43-125
DCBP	113	41-127

*Wet Weight Basis

Sample: #9 Inner 2" Conc.		
Case No.: V0115-42		
Date Collected: 1/14/10		
Sample Matrix: Solid		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	1/18/10	1/20/10
Analytical Method: EPA 8082		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aroclor-1221	N.D.	1000
Aroclor-1232	N.D.	1000
Aroclor-1016/1242	N.D.	1000
Aroclor-1248	N.D.	1000
Aroclor-1254	N.D.	1000
Aroclor-1260	N.D.	1000
Aroclor-1262	N.D.	1000
Aroclor-1268	N.D.	1000
Surrogates:		
Compound	% Recovery	Limits
TCMX	94	43-125
DCBP	114	41-127

*Wet Weight Basis

Sample: Method Blank		
Case No.: V0115-42		
Date Collected: NA		
Sample Matrix: Solid		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	1/18/10	1/20/10
Analytical Method: EPA 8082		
Compound	Concentration ug/kg (ppb)	Reporting Limit
Aroclor-1221	N.D.	1000
Aroclor-1232	N.D.	1000
Aroclor-1016/1242	N.D.	1000
Aroclor-1248	N.D.	1000
Aroclor-1254	N.D.	1000
Aroclor-1260	N.D.	1000
Aroclor-1262	N.D.	1000
Aroclor-1268	N.D.	1000
Surrogates:		
Compound	% Recovery	Limits
TCMX	111	43-125
DCBP	111	41-127

PCB Laboratory Control Spike #1

Sample Matrix: Solid				
Subject: PCB	Date Extracted			Date Analyzed
Prep Method: EPA 3540C	1/18/10			1/20/10
Analytical Method: EPA 8082				
Compound	Amount Spiked mg/kg	Result mg/kg	Recovery %	Recovery Limits
Aroclor 1016	0.500	0.486	97	46-117
Aroclor 1260	0.500	0.518	104	46-117
Surrogates:				
Compound	% Recovery	Limits		
TCMX	114	43-125		
DCBP	125	41-127		

NEW ENGLAND TESTING LABORATORY, INC.
1254 Douglas Ave.
North Providence, RI 02904
1-888-863-8522

CHAIN OF CUSTODY RECORD

V0115-42

PROJ. NO.: 0160.03187.0002

PROJECT NAME/LOCATION: AGASSIZ SCHOOL/JAMAICA PLAIN

CLIENT: ATC Associates

REPORT TO: michael.gitten@atcassociates.com

INVOICE TO: michael Gitten

DATE	TIME	COMP	GRAB	SAMPLE I.D.	AQUEOUS	SOIL	OTHER	NO. OF CONTAINERS	PRESERVATIVE	TESTS: PCB 8082						REMARKS
1.14.10	1605		/	#9 - OUTER SURFACE CONC.			/	1	None	/						
1.14.10	1610		/	#9 - INSULATION			/	1	↓	/						
1.14.10	1615		/	#9 - INNER SURFACE CONC.			/	1	↓	/						
1.14.10	1620		/	#9 - INNER 2" CONC.			/	1	↓	/						

Sampled by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
[signature]	1.14.10 1600→1620		
Relinquished by: (Signature) [signature]	Date/Time 1.15.10 1050	Received by: (Signature) Robert Lee	Date/Time 1/15/10 10:50
Relinquished by: (Signature) Robert Lee	Date/Time 1/15/10 3:05	Received for Laboratory by: (Signature) [signature]	Date/Time 1/15/10 15:05

Laboratory Remarks:
Temp. received: 5°
Cooled ☑

Special Instructions:
List Specific Detection Limit Requirements:
PCB's w/ SOXHELET EXTRACTION

Turnaround (Business Days) STANDARD

REPORT OF ANALYTICAL RESULTS

NETLAB Case Number V0119-34

Prepared for:

Attn: Michael Gitten
ATC Associates, Inc.
600 W. Cummings Park, Suite 5500
Woburn, MA 01801

Report Date: January 25, 2010

Lab # RI010

NEW ENGLAND TESTING LABORATORY, INC.
1254 Douglas Avenue, North Providence, RI 02904
(401) 353-3420

Total # of Pages: 12

ANALYTICAL METHOD REPORT CERTIFICATION FORM

Laboratory Name: New England Testing Laboratory, Inc.	Project #: 060.03187.0024
Project Location: Agassiz School, Jamaica Plain, MA	RTN[1]:
This form provides certifications for the following data set: V0119-34	
Sample Matrices: Groundwater ( ) Soil/Sediment ( ) Drinking Water ( ) Other: Solid	

SW-846 Methods Used					
	8260B ( )	8151A ( )	8330 ( )	6010B ( )	7470A/1A ( )
	8270C ( )	8081A ( )	VPH ( )	6020 ( )	9014M[2] ( )
	8082 (x)	8021B ( )	EPH ( )	7000 S[3] ( )	Other: ( )

1 List Release Tracking Number (RTN), if known
2 M – SW-846 Method 9014 or MADEP Physiologically Available Cyanide (PAC) Method
3 S – SW-846 Methods 7000 Series List individual method and analyte

An affirmative response to questions A, B, and C is required for "Presumptive Certainty" status

A	Were all samples received by the laboratory in a condition consistent with that described on the Chain-of Custody documentation for the data set?	Yes (X) No[1] ( )
B	Were all QA/QC procedures required for the specified analytical method(s) included in this report followed, including the requirement to note and discuss in a narrative QC data that did not meet appropriate performance standards or guidelines?	Yes (X) No[1] ( )
C	Does the analytical data included in this report meet all the requirements for "Presumptive Certainty", as described in Section 2.0 of the MADEP document CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data"?	Yes (X) No[1] ( ) Not Applicable ( )
D	***VPH and EPH Methods only***: Was the VPH and EPH Method conducted without significant modifications (see Section 11.3 of respective Methods)	Yes ( ) No[1] ( )

A response to questions E and F below is required for "Presumptive Certainty" status

E	Were all QC performance standards and recommendations for the specified methods achieved?	Yes (X) No[1] ( )
F	Were results for all analyte-list compounds/elements for the specified method(s) reported?	Yes (X) No[1] ( )

[1]All NO answers must be addressed in an attached Environmental Laboratory case narrative.

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

Signature: _____ Position: Laboratory Director

Printed Name: Richard Warila Date: 1/25/2010

SAMPLES SUBMITTED and REQUEST FOR ANALYSIS:

The samples listed in Table I were submitted to New England Testing Laboratory on January 19, 2010. The group of samples appearing in this report was assigned an internal identification number (case number) for laboratory information management purposes. The client's designations for the individual samples, along with our case numbers, are used to identify the samples in this report. This report of analytical results pertains only to the sample(s) provided to us by the client which are indicated on the custoday record. The case number for this sample submission is V0119-34.

Custody records are included in this report.

Project: Agassiz School, Jamaica Plain, MA

TABLE I, Samples Submitted

Sample ID	Date Sampled	Matrix	Analysis Requested
Loc. #5 – Outer Surf. Conc.	1/15/10	Solid	Table II
Loc. #5 – Insulation	1/15/10	Solid	Table II
Loc. #5 – Inner Surf. Conc.	1/15/10	Solid	Table II
Loc. #5 – Inner 2" Conc.	1/15/10	Solid	Table II

TABLE II, Analysis and Methods

ANALYSIS	PREPARATION METHOD	DETERMINATIVE METHOD
PCBs	3540C	8082

These methods are documented in:

Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW-846, USEPA/OSW.

CASE NARRATIVE:

Sample Receipt:

No sample for ms/msd/duplicate analysis was supplied. No field blank was supplied. (This does not qualify the analytical results but does prevent conducting these SW-846 {Chapter 1, Section 3.4} QA Audits.)

The samples were all appropriately cooled and preserved upon receipt.

The samples were received in the appropriate containers.

The chain of custody was adequately completed and corresponded to the samples submitted.

PCBs:

The samples were extracted and analyzed within method specified holding times and according to NETLAB's documented standard operating procedures. The results for the associated calibration, method blank and laboratory control sample (LCS) were within method specified quality control criteria.

RESULTS: PCBs

The presence of the NETLAB LOGO in the top right corner of each page in this section indicates:

The Technical Manager of the Organics Analysis Department certifies that the samples included in this section have been prepared and analyzed using the procedures cited and that the results have been reviewed and approved. Any exceptions or qualifications of substance have been reported in the case narrative.

Sample: Loc. #5 – Outer Surf. Conc.		
Case No.: V0119-34		
Date Collected: 1/15/10		
Sample Matrix: Solid		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	1/20/10	1/25/10
Analytical Method: EPA 8082		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aroclor-1221	N.D.	1000
Aroclor-1232	N.D.	1000
Aroclor-1016/1242	N.D.	1000
Aroclor-1248	N.D.	1000
Aroclor-1254	N.D.	1000
Aroclor-1260	N.D.	1000
Aroclor-1262	N.D.	1000
Aroclor-1268	N.D.	1000
Surrogates:		
Compound	% Recovery	Limits
TCMX	87	43-125
DCBP	113	41-127

*Wet Weight Basis

Sample: Loc. #5 - Insulation		
Case No.: V0119-34		
Date Collected: 1/15/10		
Sample Matrix: Solid		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	1/20/10	1/22/10
Analytical Method: EPA 8082		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aroclor-1221	N.D.	1000
Aroclor-1232	N.D.	1000
Aroclor-1016/1242	N.D.	1000
Aroclor-1248	N.D.	1000
Aroclor-1254	N.D.	1000
Aroclor-1260	N.D.	1000
Aroclor-1262	N.D.	1000
Aroclor-1268	N.D.	1000
Surrogates:		
Compound	% Recovery	Limits
TCMX	96	43-125
DCBP	100	41-127

*Wet Weight Basis

Sample:Loc. #5 Inner Surf. Conc.		
Case No.: V0119-34		
Date Collected: 1/15/10		
Sample Matrix: Solid		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	1/20/10	1/22/10
Analytical Method: EPA 8082		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aroclor-1221	N.D.	1000
Aroclor-1232	N.D.	1000
Aroclor-1016/1242	N.D.	1000
Aroclor-1248	N.D.	1000
Aroclor-1254	N.D.	1000
Aroclor-1260	N.D.	1000
Aroclor-1262	N.D.	1000
Aroclor-1268	N.D.	1000
Surrogates:		
Compound	% Recovery	Limits
TCMX	81	43-125
DCBP	100	41-127

*Wet Weight Basis

Sample: Loc. #5 – Inner 2" Conc.		
Case No.: V0119-34		
Date Collected: 1/15/10		
Sample Matrix: Solid		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	1/20/10	1/22/10
Analytical Method: EPA 8082		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aroclor-1221	N.D.	1000
Aroclor-1232	N.D.	1000
Aroclor-1016/1242	N.D.	1000
Aroclor-1248	N.D.	1000
Aroclor-1254	N.D.	1000
Aroclor-1260	N.D.	1000
Aroclor-1262	N.D.	1000
Aroclor-1268	N.D.	1000
Surrogates:		
Compound	% Recovery	Limits
TCMX	108	43-125
DCBP	112	41-127

*Wet Weight Basis

Sample: Method Blank		
Case No.: V0119-34		
Date Collected: NA		
Sample Matrix: Solid		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	1/20/10	1/22/10
Analytical Method: EPA 8082		
Compound	Concentration ug/kg (ppb)	Reporting Limit
Aroclor-1221	N.D.	1000
Aroclor-1232	N.D.	1000
Aroclor-1016/1242	N.D.	1000
Aroclor-1248	N.D.	1000
Aroclor-1254	N.D.	1000
Aroclor-1260	N.D.	1000
Aroclor-1262	N.D.	1000
Aroclor-1268	N.D.	1000
Surrogates:		
Compound	% Recovery	Limits
TCMX	97	43-125
DCBP	1174	41-127

PCB Laboratory Control Spike #1

Sample Matrix: Solid				
Subject: PCB	Date Extracted			Date Analyzed
Prep Method: EPA 3540C	1/20/10			1/22/10
Analytical Method: EPA 8082				
Compound	Amount Spiked mg/kg	Result mg/kg	Recovery %	Recovery Limits
Aroclor 1016	0.500	0.504	80	46-117
Aroclor 1260	0.500	0.513	82	46-117
Surrogates:				
Compound	% Recovery	Limits		
TCMX	112	43-125		
DCBP	126	41-127		

NEW ENGLAND TESTING LABORATORY, INC.
1254 Douglas Ave.
North Providence, RI 02904
1-888-863-8522

V0119.34

CHAIN OF CUSTODY RECORD

PROJ. NO.: 060.02187-0024
PROJECT NAME/LOCATION: AGASSIZ, JAMAICA PLAIN, MA
CLIENT: ATC Associates
REPORT TO: michael.gitten@atcassociates.com
INVOICE TO: Michael Gitten

DATE	TIME	COMP	GRAB	SAMPLE I.D.	AQUEOUS	SOIL	OTHER	NO. OF CONTAINERS	PRESERVATIVE	TESTS: PCB 8082/Soxhlet extr.						REMARKS
1.15.10	1615		✓	Loc #5 - OUTER-SURF. CONC.			✓	1	NONE	✓						
1.15.10	1620		✓	Loc #5 - INSULATION			✓	1	↓	✓						
1.15.10	1625		✓	Loc #5 - INNER-SURF-CONC.			✓	1	↓	✓						
1.15.10	1630		✓	Loc #5 - INNER-2"-CONC.			✓	1	↓	✓						

Sampled by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
[signature]	1.15.10 1615→1630		
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
[signature]	1-19-10 1330	[signature]	1-19-10 13:30
Relinquished by: (Signature)	Date/Time	Received for Laboratory by: (Signature)	Date/Time
[signature]	1-19-10 6:10	[signature]	1/19/10 15:10

Laboratory Remarks:
Temp. received: 3
Cooled ✓

Special Instructions:
List Specific Detection Limit Requirements:
Soxhlet extraction

Turnaround (Business Days): STANDARD

REPORT OF ANALYTICAL RESULTS

NETLAB Case Number V0128-17

Prepared for:

Attn: Jason Roback
ATC Associates, Inc.
600 W. Cummings Park, Suite 5500
Woburn, MA 01801

Report Date: February 3, 2010

Lab # RI010

NEW ENGLAND TESTING LABORATORY, INC.
1254 Douglas Avenue, North Providence, RI 02904
(401) 353-3420

Total # of Pages: 12

ANALYTICAL METHOD REPORT CERTIFICATION FORM

Laboratory Name: New England Testing Laboratory, Inc.	Project #: 060.03187.0024
Project Location: Agassiz School, Jamaica Plain, MA	RTN[1]:
This form provides certifications for the following data set: V0128-17	
Sample Matrices: Groundwater ( ) Soil/Sediment ( ) Drinking Water ( ) Other: Solid	

SW-846 Methods Used					
	8260B ( )	8151A ( )	8330 ( )	6010B ( )	7470A/1A ( )
	8270C ( )	8081A ( )	VPH ( )	6020 ( )	9014M[2] ( )
	8082 (x)	8021B ( )	EPH ( )	7000 S[3] ( )	Other: ( )

1 List Release Tracking Number (RTN), if known
2 M – SW-846 Method 9014 or MADEP Physiologically Available Cyanide (PAC) Method
3 S – SW-846 Methods 7000 Series List individual method and analyte

An affirmative response to questions A, B, and C is required for "Presumptive Certainty" status

A	Were all samples received by the laboratory in a condition consistent with that described on the Chain-of Custody documentation for the data set?	Yes (X) No[1] ( )
B	Were all QA/QC procedures required for the specified analytical method(s) included in this report followed, including the requirement to note and discuss in a narrative QC data that did not meet appropriate performance standards or guidelines?	Yes (X) No[1] ( )
C	Does the analytical data included in this report meet all the requirements for "Presumptive Certainty", as described in Section 2.0 of the MADEP document CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data"?	Yes (X) No[1] ( ) Not Applicable ( )
D	***VPH and EPH Methods only***: Was the VPH and EPH Method conducted without significant modifications (see Section 11.3 of respective Methods)	Yes ( ) No[1] ( )

A response to questions E and F below is required for "Presumptive Certainty" status

E	Were all QC performance standards and recommendations for the specified methods achieved?	Yes (X) No[1] ( )
F	Were results for all analyte-list compounds/elements for the specified method(s) reported?	Yes (X) No[1] ( )

[1]All NO answers must be addressed in an attached Environmental Laboratory case narrative.

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

Signature: _____ Position: Laboratory Director

Printed Name: Richard Warila Date: 1/3/2010

SAMPLES SUBMITTED and REQUEST FOR ANALYSIS:

The samples listed in Table I were submitted to New England Testing Laboratory on January 28, 2010. The group of samples appearing in this report was assigned an internal identification number (case number) for laboratory information management purposes. The client's designations for the individual samples, along with our case numbers, are used to identify the samples in this report. This report of analytical results pertains only to the sample(s) provided to us by the client which are indicated on the custoday record. The case number for this sample submission is V0128-17.

Custody records are included in this report.

Project: Agassiz School, Jamaica Plain, MA

TABLE I, Samples Submitted

Sample ID	Date Sampled	Matrix	Analysis Requested
Location #13-Outer ½" Concrete	1/27/10	Solid	Table II
Location #13-Inner ½" Concrete	1/27/10	Solid	Table II
Location #13-Inner 2" Concrete	1/27/10	Solid	Table II
Location #13-Polystyrene	1/27/10	Solid	Table II

TABLE II, Analysis and Methods

ANALYSIS	PREPARATION METHOD	DETERMINATIVE METHOD
PCBs	3540C	8082

These methods are documented in:

Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW-846, USEPA/OSW.

CASE NARRATIVE:

Sample Receipt:

No sample for ms/msd/duplicate analysis was supplied. No field blank was supplied. (This does not qualify the analytical results but does prevent conducting these SW-846 {Chapter 1, Section 3.4} QA Audits.)

The samples were all appropriately cooled and preserved upon receipt.

The samples were received in the appropriate containers.

The chain of custody was adequately completed and corresponded to the samples submitted.

PCBs:

The samples were extracted and analyzed within method specified holding times and according to NETLAB's documented standard operating procedures. The results for the associated calibration, method blank and laboratory control sample (LCS) were within method specified quality control criteria.

Sample "Polystyrene" has elevated detection limits due to matrix interference. The extract was subjected to multiple clean up steps, and the interference was still present. The samples were analyzed on a mass spectrometer to confirm the absence of PCBs.

The matrix interference for "Polystyrene" prevented the quantification of one surrogate. As a result, the surrogate recovery was reported as "obscured".

RESULTS: PCBs

The presence of the NETLAB LOGO in the top right corner of each page in this section indicates:

The Technical Manager of the Organics Analysis Department certifies that the samples included in this section have been prepared and analyzed using the procedures cited and that the results have been reviewed and approved. Any exceptions or qualifications of substance have been reported in the case narrative.

Sample: Location #13-Outer ½" Concrete		
Case No.: V0128-17		
Date Collected: 1/27/10		
Sample Matrix: Solid		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	1/29/10	2/2/10
Analytical Method: EPA 8082		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aroclor-1221	N.D.	1000
Aroclor-1232	N.D.	1000
Aroclor-1016/1242	N.D.	1000
Aroclor-1248	N.D.	1000
Aroclor-1254	N.D.	1000
Aroclor-1260	N.D.	1000
Aroclor-1262	N.D.	1000
Aroclor-1268	N.D.	1000
Surrogates:		
Compound	% Recovery	Limits
TCMX	103	43-125
DCBP	98	41-127

*Wet Weight Basis

Sample: Location #13-Inner ½" Concrete		
Case No.: V0128-17		
Date Collected: 1/27/10		
Sample Matrix: Solid		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	1/29/10	2/2/10
Analytical Method: EPA 8082		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aroclor-1221	N.D.	1000
Aroclor-1232	N.D.	1000
Aroclor-1016/1242	N.D.	1000
Aroclor-1248	N.D.	1000
Aroclor-1254	N.D.	1000
Aroclor-1260	N.D.	1000
Aroclor-1262	N.D.	1000
Aroclor-1268	N.D.	1000
Surrogates:		
Compound	% Recovery	Limits
TCMX	107	43-125
DCBP	121	41-127

*Wet Weight Basis

Sample:Location #13-Inner 2" Concrete		
Case No.: V0128-17		
Date Collected: 1/27/10		
Sample Matrix: Solid		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	1/29/10	2/2/10
Analytical Method: EPA 8082		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aroclor-1221	N.D.	1000
Aroclor-1232	N.D.	1000
Aroclor-1016/1242	N.D.	1000
Aroclor-1248	N.D.	1000
Aroclor-1254	N.D.	1000
Aroclor-1260	N.D.	1000
Aroclor-1262	N.D.	1000
Aroclor-1268	N.D.	1000
Surrogates:		
Compound	% Recovery	Limits
TCMX	110	43-125
DCBP	119	41-127

*Wet Weight Basis

Sample: Polystyrene		
Case No.: V0128-17		
Date Collected: 1/27/10		
Sample Matrix: Solid		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	1/29/10	2/2/10
Analytical Method: EPA 8082		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aroclor-1221	N.D.	2000
Aroclor-1232	N.D.	2000
Aroclor-1016/1242	N.D.	2000
Aroclor-1248	N.D.	2000
Aroclor-1254	N.D.	2000
Aroclor-1260	N.D.	2000
Aroclor-1262	N.D.	2000
Aroclor-1268	N.D.	2000
Surrogates:		
Compound	% Recovery	Limits
TCMX	Obscured	43-125
DCBP	78	41-127

*Wet Weight Basis

Sample: Method Blank		
Case No.: V0128-17		
Date Collected: NA		
Sample Matrix: Solid		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	1/29/10	2/2/10
Analytical Method: EPA 8082		
Compound	Concentration ug/kg (ppb)	Reporting Limit
Aroclor-1221	N.D.	1000
Aroclor-1232	N.D.	1000
Aroclor-1016/1242	N.D.	1000
Aroclor-1248	N.D.	1000
Aroclor-1254	N.D.	1000
Aroclor-1260	N.D.	1000
Aroclor-1262	N.D.	1000
Aroclor-1268	N.D.	1000
Surrogates:		
Compound	% Recovery	Limits
TCMX	101	43-125
DCBP	115	41-127

PCB Laboratory Control Spike

Sample Matrix: Solid				
Subject: PCB	Date Extracted			Date Analyzed
Prep Method: EPA 3540C	1/29/10			2/2/10
Analytical Method: EPA 8082				
Compound	Amount Spiked mg/kg	Result mg/kg	Recovery %	Recovery Limits
Aroclor 1016	0.500	0.501	100	46-117
Aroclor 1260	0.500	0.509	102	46-117
Surrogates:				
Compound	% Recovery	Limits		
TCMX	93	43-125		
DCBP	101	41-127		

NEW ENGLAND TESTING LABORATORY, INC.
1254 Douglas Ave.
North Providence, RI 02904
1-888-863-8522

CHAIN OF CUSTODY RECORD

~~V0128.0~~
V0128.17

PROJ. NO. 09.03187.0024

PROJECT NAME/LOCATION: AGASSIZ JAMAICA PLAIN, MA

CLIENT: ATC ASSOCIATES INC.

REPORT TO: jason.robacke@atcassociates.com

INVOICE TO: JASON ROBACK

DATE	TIME	COMP	GRAB	SAMPLE I.D.	AQUEOUS	SOIL	OTHER	NO. OF CONTAINERS	PRESERVATIVE	TESTS: PCB 8082 - SOXHLET EXTR.						REMARKS
1/27/10	4:30 PM		X	LOCATION #13 - OUTER 1/2" CONCRETE			X	1	—	X						
↓	4:40 PM		↓	LOCATION #13 - INNER 1/2" CONCRETE			↓	↓	↓	↓						
	4:50 PM			LOCATION #13 - INNER 2" CONCRETE												
	5:00 PM			LOCATION #13 - POLYSTYRENE												

Sampled by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
[signature]	1/28/10 10:00	[signature]	1/28/10 10:00
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
[signature]	1-28-10 3:00		
Relinquished by: (Signature)	Date/Time	Received for Laboratory by: (Signature)	Date/Time
		[signature]	1/28/10 15:00

Laboratory Remarks:
Temp. received: 5°
Cooled ☒

Special Instructions:
List Specific Detection Limit Requirements:
SOXHLET EXTRACTION

Turnaround (Business Days) STANDARD

REPORT OF ANALYTICAL RESULTS

NETLAB Case Number V0128-18

Prepared for:

Attn: Mike Gitten & Jason Roback
ATC Associates, Inc.
600 W. Cummings Park, Suite 5500
Woburn, MA 01801

Report Date: February 4, 2010

Lab # RI010

NEW ENGLAND TESTING LABORATORY, INC.
1254 Douglas Avenue, North Providence, RI 02904
(401) 353-3420

Total # of Pages: 26

ANALYTICAL METHOD REPORT CERTIFICATION FORM

Laboratory Name: New England Testing Laboratory, Inc.	Project #: 060.03187.0024
Project Location: Agassiz School, Jamaica Plain, MA	RTN[1]:
This form provides certifications for the following data set: V0128-18	
Sample Matrices: Groundwater ( ) Soil/Sediment ( ) Drinking Water ( ) Other: Solid	

SW-846 Methods Used					
	8260B ( )	8151A ( )	8330 ( )	6010B ( )	7470A/1A ( )
	8270C ( )	8081A ( )	VPH ( )	6020 ( )	9014M[2] ( )
	8082 (x)	8021B ( )	EPH ( )	7000 S[3] ( )	Other: ( )

1 List Release Tracking Number (RTN), if known
2 M – SW-846 Method 9014 or MADEP Physiologically Available Cyanide (PAC) Method
3 S – SW-846 Methods 7000 Series List individual method and analyte

An affirmative response to questions A, B, and C is required for "Presumptive Certainty" status

A	Were all samples received by the laboratory in a condition consistent with that described on the Chain-of Custody documentation for the data set?	Yes (X) No[1] ( )
B	Were all QA/QC procedures required for the specified analytical method(s) included in this report followed, including the requirement to note and discuss in a narrative QC data that did not meet appropriate performance standards or guidelines?	Yes (X) No[1] ( )
C	Does the analytical data included in this report meet all the requirements for "Presumptive Certainty", as described in Section 2.0 of the MADEP document CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data"?	Yes (X) No[1] ( ) Not Applicable ( )
D	***VPH and EPH Methods only***: Was the VPH and EPH Method conducted without significant modifications (see Section 11.3 of respective Methods)	Yes ( ) No[1] ( )

A response to questions E and F below is required for "Presumptive Certainty" status

E	Were all QC performance standards and recommendations for the specified methods achieved?	Yes (X) No[1] ( )
F	Were results for all analyte-list compounds/elements for the specified method(s) reported?	Yes (X) No[1] ( )

[1]All NO answers must be addressed in an attached Environmental Laboratory case narrative.

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

Signature: _____ Position: Laboratory Director

Printed Name: Richard Warila Date: 2/4/2010

SAMPLES SUBMITTED and REQUEST FOR ANALYSIS:

The samples listed in Table I were submitted to New England Testing Laboratory on January 28, 2010. The group of samples appearing in this report was assigned an internal identification number (case number) for laboratory information management purposes. The client's designations for the individual samples, along with our case numbers, are used to identify the samples in this report. This report of analytical results pertains only to the sample(s) provided to us by the client which are indicated on the custoday record. The case number for this sample submission is V0128-18.

Custody records are included in this report.

Project: Agassiz School, Jamaica Plain, MA

TABLE I, Samples Submitted

Sample ID	Date Sampled	Matrix	Analysis Requested
#1 Rm 103	1/19/10	Solid	Table II
#2 Rm 102	1/19/10	Solid	Table II
#3 Rm 202	1/20/10	Solid	Table II
#4 Rm 302	1/20/10	Solid	Table II
#5 Rm 219	1/20/10	Solid	Table II
#6 Rm 217	1/20/10	Solid	Table II
#7 Rm 317	1/21/10	Solid	Table II
#8 Rm 316	1/21/10	Solid	Table II
#9 Rm 315	1/21/10	Solid	Table II
#10 Rm 319	1/22/10	Solid	Table II
#11 Rm 305 Hall	1/26/10	Solid	Table II
#12 Rm 301	1/26/10	Solid	Table II

TABLE II, Analysis and Methods

ANALYSIS	PREPARATION METHOD	DETERMINATIVE METHOD
PCBs	3540C	8082

These methods are documented in:

Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW-846, USEPA/OSW.

CASE NARRATIVE:

Sample Receipt:

No sample for ms/msd/duplicate analysis was supplied. No field blank was supplied. (This does not qualify the analytical results but does prevent conducting these SW-846 {Chapter 1, Section 3.4} QA Audits.)

The samples were all appropriately cooled and preserved upon receipt.

The samples were received in the appropriate containers.

The chain of custody was adequately completed and corresponded to the samples submitted.

PCBs:

The samples were extracted and analyzed within method specified holding times and according to NETLAB's documented standard operating procedures. The results for the associated calibration, method blank and laboratory control sample (LCS) were within method specified quality control criteria.

RESULTS: PCBs

The presence of the NETLAB LOGO in the top right corner of each page in this section indicates:

The Technical Manager of the Organics Analysis Department certifies that the samples included in this section have been prepared and analyzed using the procedures cited and that the results have been reviewed and approved. Any exceptions or qualifications of substance have been reported in the case narrative.

Sample: #1 Rm 103		
Case No.: V0128-18		
Date Collected: 1/19/10		
Sample Matrix: Solid		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	1/29/10	2/2/10
Analytical Method: EPA 8082		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aroclor-1221	N.D.	1000
Aroclor-1232	N.D.	1000
Aroclor-1016/1242	N.D.	1000
Aroclor-1248	N.D.	1000
Aroclor-1254	N.D.	1000
Aroclor-1260	N.D.	1000
Aroclor-1262	N.D.	1000
Aroclor-1268	N.D.	1000
Surrogates:		
Compound	% Recovery	Limits
TCMX	102	43-125
DCBP	92	41-127

*Wet Weight Basis

Sample: #2 Rm 102		
Case No.: V0128-18		
Date Collected: 1/19/10		
Sample Matrix: Solid		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	2/1/10	2/2/10
Analytical Method: EPA 8082		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aroclor-1221	N.D.	1000
Aroclor-1232	N.D.	1000
Aroclor-1016/1242	N.D.	1000
Aroclor-1248	N.D.	1000
Aroclor-1254	N.D.	1000
Aroclor-1260	N.D.	1000
Aroclor-1262	N.D.	1000
Aroclor-1268	N.D.	1000
Surrogates:		
Compound	% Recovery	Limits
TCMX	100	43-125
DCBP	116	41-127

*Wet Weight Basis

Sample:#3 Rm 202		
Case No.: V0128-18		
Date Collected: 1/20/10		
Sample Matrix: Solid		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	2/1/10	2/2/10
Analytical Method: EPA 8082		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aroclor-1221	N.D.	1000
Aroclor-1232	N.D.	1000
Aroclor-1016/1242	N.D.	1000
Aroclor-1248	N.D.	1000
Aroclor-1254	N.D.	1000
Aroclor-1260	N.D.	1000
Aroclor-1262	N.D.	1000
Aroclor-1268	N.D.	1000
Surrogates:		
Compound	% Recovery	Limits
TCMX	89	43-125
DCBP	103	41-127

*Wet Weight Basis

Sample: #4 Rm 302		
Case No.: V0128-18		
Date Collected: 1/20/10		
Sample Matrix: Solid		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	2/1/10	2/2/10
Analytical Method: EPA 8082		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aroclor-1221	N.D.	1000
Aroclor-1232	N.D.	1000
Aroclor-1016/1242	N.D.	1000
Aroclor-1248	N.D.	1000
Aroclor-1254	N.D.	1000
Aroclor-1260	N.D.	1000
Aroclor-1262	N.D.	1000
Aroclor-1268	N.D.	1000
Surrogates:		
Compound	% Recovery	Limits
TCMX	96	43-125
DCBP	113	41-127

*Wet Weight Basis

Sample: #5 Rm 219		
Case No.: V0128-18		
Date Collected: 1/20/10		
Sample Matrix: Solid		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	2/1/10	2/2/10
Analytical Method: EPA 8082		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aroclor-1221	N.D.	1000
Aroclor-1232	N.D.	1000
Aroclor-1016/1242	N.D.	1000
Aroclor-1248	N.D.	1000
Aroclor-1254	N.D.	1000
Aroclor-1260	N.D.	1000
Aroclor-1262	N.D.	1000
Aroclor-1268	N.D.	1000
Surrogates:		
Compound	% Recovery	Limits
TCMX	85	43-125
DCBP	69	41-127

*Wet Weight Basis

Sample: #6 Rm 217		
Case No.: V0128-18		
Date Collected: 1/20/10		
Sample Matrix: Solid		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	2/1/10	2/2/10
Analytical Method: EPA 8082		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aroclor-1221	N.D.	1000
Aroclor-1232	N.D.	1000
Aroclor-1016/1242	N.D.	1000
Aroclor-1248	N.D.	1000
Aroclor-1254	N.D.	1000
Aroclor-1260	N.D.	1000
Aroclor-1262	N.D.	1000
Aroclor-1268	N.D.	1000
Surrogates:		
Compound	% Recovery	Limits
TCMX	115	43-125
DCBP	117	41-127

*Wet Weight Basis

Sample: #7 Rm 317		
Case No.: V0128-18		
Date Collected: 1/21/10		
Sample Matrix: Solid		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	2/2/10	2/3/10
Analytical Method: EPA 8082		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aroclor-1221	N.D.	1000
Aroclor-1232	N.D.	1000
Aroclor-1016/1242	N.D.	1000
Aroclor-1248	N.D.	1000
Aroclor-1254	N.D.	1000
Aroclor-1260	N.D.	1000
Aroclor-1262	N.D.	1000
Aroclor-1268	N.D.	1000
Surrogates:		
Compound	% Recovery	Limits
TCMX	103	43-125
DCBP	112	41-127

*Wet Weight Basis

Sample: #8 Rm 316		
Case No.: V0128-18		
Date Collected: 1/21/10		
Sample Matrix: Solid		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	2/2/10	2/3/10
Analytical Method: EPA 8082		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aroclor-1221	N.D.	1000
Aroclor-1232	N.D.	1000
Aroclor-1016/1242	N.D.	1000
Aroclor-1248	N.D.	1000
Aroclor-1254	N.D.	1000
Aroclor-1260	N.D.	1000
Aroclor-1262	N.D.	1000
Aroclor-1268	N.D.	1000
Surrogates:		
Compound	% Recovery	Limits
TCMX	113	43-125
DCBP	116	41-127

*Wet Weight Basis

Sample: #9 Rm 315		
Case No.: V0128-18		
Date Collected: 1/21/10		
Sample Matrix: Solid		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	2/2/10	2/3/10
Analytical Method: EPA 8082		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aroclor-1221	N.D.	1000
Aroclor-1232	N.D.	1000
Aroclor-1016/1242	N.D.	1000
Aroclor-1248	N.D.	1000
Aroclor-1254	N.D.	1000
Aroclor-1260	N.D.	1000
Aroclor-1262	N.D.	1000
Aroclor-1268	N.D.	1000
Surrogates:		
Compound	% Recovery	Limits
TCMX	89	43-125
DCBP	117	41-127

*Wet Weight Basis

Sample: #10 Rm 319		
Case No.: V0128-18		
Date Collected: 1/22/10		
Sample Matrix: Solid		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	2/2/10	2/3/10
Analytical Method: EPA 8082		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aroclor-1221	N.D.	1000
Aroclor-1232	N.D.	1000
Aroclor-1016/1242	N.D.	1000
Aroclor-1248	N.D.	1000
Aroclor-1254	N.D.	1000
Aroclor-1260	N.D.	1000
Aroclor-1262	N.D.	1000
Aroclor-1268	N.D.	1000
Surrogates:		
Compound	% Recovery	Limits
TCMX	100	43-125
DCBP	115	41-127

*Wet Weight Basis

Sample: #11 Rm 305 Hall		
Case No.: V0128-18		
Date Collected: 1/26/10		
Sample Matrix: Solid		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	2/2/10	2/3/10
Analytical Method: EPA 8082		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aroclor-1221	N.D.	1000
Aroclor-1232	N.D.	1000
Aroclor-1016/1242	N.D.	1000
Aroclor-1248	N.D.	1000
Aroclor-1254	N.D.	1000
Aroclor-1260	N.D.	1000
Aroclor-1262	N.D.	1000
Aroclor-1268	N.D.	1000
Surrogates:		
Compound	% Recovery	Limits
TCMX	98	43-125
DCBP	120	41-127

*Wet Weight Basis

Sample: #12 Rm 301		
Case No.: V0128-18		
Date Collected: 1/26/10		
Sample Matrix: Solid		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	2/3/10	2/4/10
Analytical Method: EPA 8082		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aroclor-1221	N.D.	1000
Aroclor-1232	N.D.	1000
Aroclor-1016/1242	N.D.	1000
Aroclor-1248	N.D.	1000
Aroclor-1254	N.D.	1000
Aroclor-1260	N.D.	1000
Aroclor-1262	N.D.	1000
Aroclor-1268	N.D.	1000
Surrogates:		
Compound	% Recovery	Limits
TCMX	104	43-125
DCBP	120	41-127

*Wet Weight Basis

Sample: Method Blank		
Case No.: V0128-18		
Date Collected: NA		
Sample Matrix: Solid		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	1/29/10	2/2/10
Analytical Method: EPA 8082		
Compound	Concentration ug/kg (ppb)	Reporting Limit
Aroclor-1221	N.D.	1000
Aroclor-1232	N.D.	1000
Aroclor-1016/1242	N.D.	1000
Aroclor-1248	N.D.	1000
Aroclor-1254	N.D.	1000
Aroclor-1260	N.D.	1000
Aroclor-1262	N.D.	1000
Aroclor-1268	N.D.	1000
Surrogates:		
Compound	% Recovery	Limits
TCMX	101	43-125
DCBP	115	41-127

Sample: Method Blank		
Case No.: V0128-18		
Date Collected: NA		
Sample Matrix: Solid		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	2/1/10	2/2/10
Analytical Method: EPA 8082		
Compound	Concentration ug/kg (ppb)	Reporting Limit
Aroclor-1221	N.D.	1000
Aroclor-1232	N.D.	1000
Aroclor-1016/1242	N.D.	1000
Aroclor-1248	N.D.	1000
Aroclor-1254	N.D.	1000
Aroclor-1260	N.D.	1000
Aroclor-1262	N.D.	1000
Aroclor-1268	N.D.	1000
Surrogates:		
Compound	% Recovery	Limits
TCMX	97	43-125
DCBP	109	41-127

Sample: Method Blank		
Case No.: V0128-18		
Date Collected: NA		
Sample Matrix: Solid		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	2/2/10	2/3/10
Analytical Method: EPA 8082		
Compound	Concentration ug/kg (ppb)	Reporting Limit
Aroclor-1221	N.D.	1000
Aroclor-1232	N.D.	1000
Aroclor-1016/1242	N.D.	1000
Aroclor-1248	N.D.	1000
Aroclor-1254	N.D.	1000
Aroclor-1260	N.D.	1000
Aroclor-1262	N.D.	1000
Aroclor-1268	N.D.	1000
Surrogates:		
Compound	% Recovery	Limits
TCMX	95	43-125
DCBP	109	41-127

Sample: Method Blank		
Case No.: V0128-18		
Date Collected: NA		
Sample Matrix: Solid		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	2/3/10	2/4/10
Analytical Method: EPA 8082		
Compound	Concentration ug/kg (ppb)	Reporting Limit
Aroclor-1221	N.D.	1000
Aroclor-1232	N.D.	1000
Aroclor-1016/1242	N.D.	1000
Aroclor-1248	N.D.	1000
Aroclor-1254	N.D.	1000
Aroclor-1260	N.D.	1000
Aroclor-1262	N.D.	1000
Aroclor-1268	N.D.	1000
Surrogates:		
Compound	% Recovery	Limits
TCMX	99	43-125
DCBP	110	41-127

PCB Laboratory Control Spike

Sample Matrix: Solid				
Subject: PCB	Date Extracted			Date Analyzed
Prep Method: EPA 3540C	1/29/10			2/2/10
Analytical Method: EPA 8082				
Compound	Amount Spiked mg/kg	Result mg/kg	Recovery %	Recovery Limits
Aroclor 1016	0.500	0.501	100	46-117
Aroclor 1260	0.500	0.509	102	46-117
Surrogates:				
Compound	% Recovery	Limits		
TCMX	93	43-125		
DCBP	101	41-127		

PCB Laboratory Control Spike

Sample Matrix: Solid				
Subject: PCB	Date Extracted			Date Analyzed
Prep Method: EPA 3540C	2/1/10			2/2/10
Analytical Method: EPA 8082				
Compound	Amount Spiked mg/kg	Result mg/kg	Recovery %	Recovery Limits
Aroclor 1016	0.500	0.493	99	46-117
Aroclor 1260	0.500	0.507	101	46-117
Surrogates:				
Compound	% Recovery	Limits		
TCMX	114	43-125		
DCBP	123	41-127		

PCB Laboratory Control Spike

Sample Matrix: Solid				
Subject: PCB	Date Extracted			Date Analyzed
Prep Method: EPA 3540C	2/2/10			2/3/10
Analytical Method: EPA 8082				
Compound	Amount Spiked mg/kg	Result mg/kg	Recovery %	Recovery Limits
Aroclor 1016	0.500	0.506	101	46-117
Aroclor 1260	0.500	0.495	99	46-117
Surrogates:				
Compound	% Recovery	Limits		
TCMX	112	43-125		
DCBP	117	41-127		

PCB Laboratory Control Spike

Sample Matrix: Solid				
Subject: PCB	Date Extracted			Date Analyzed
Prep Method: EPA 3540C	2/3/10			2/4/10
Analytical Method: EPA 8082				
Compound	Amount Spiked mg/kg	Result mg/kg	Recovery %	Recovery Limits
Aroclor 1016	0.500	0.490	98	46-117
Aroclor 1260	0.500	0.480	96	46-117
Surrogates:				
Compound	% Recovery	Limits		
TCMX	103	43-125		
DCBP	121	41-127		

V0128.18

NEW ENGLAND TESTING LABORATORY, INC.
1254 Douglas Ave.
North Providence, RI 02904
1-888-863-8522

CHAIN OF CUSTODY RECORD

PROJ. NO.: 60.05182.0024

PROJECT NAME/LOCATION: Agassiz School, Child ST, Jamaica Plain

CLIENT: ATC Assoc. Woburn, MA

REPORT TO: M. Gitten, J. Roback

INVOICE TO:

DATE	TIME	COMP	GRAB	SAMPLE I.D.	AQUEOUS	SOIL	OTHER	NO. OF CONTAINERS	PRESERVATIVE	TESTS: PCB 8082 / SOXHLET EXTRACTION	REMARKS
1-19			X	#1 Rm 103			X	1	NA		Concrete Sample
1-19			X	#2 Rm 102			X	1	NA		Concrete Sample
1-20			X	#3 Rm 202			X	1	NA		
1-20			X	#4 Rm 302			X	1			
1-20			X	#5 Rm 219			X	1			
1-20			X	#6 Rm 217			X	1			
1-21			X	#7 Rm 317			X	1			
1-21			X	#8 Rm 316			X	1			
1-21			X	#9 Rm 315			X	1			
1-22			X	#10 Rm 319			X	1			
1-26			X	#11 Rm 305 Hall			X	1			
1-26			X	#12 Rm 301			X	1			

Sampled by: (Signature)	Date/Time	Received by: (Signature)	Date/Time	Laboratory Remarks:
Mike Rutan	1/27/10 5:00 PM		1/27/10 5:00 PM	Temp. received: 5° Cooled
Relinquished by: (Signature)	**Date/Time**	**Received by: (Signature)**	**Date/Time**	
	1/28/10 10:00	Robert Lee	1/28/10 10:00	
Relinquished by: (Signature)	**Date/Time**	**Received for Laboratory by: (Signature)**	**Date/Time**	
Robert Lee	1-28-10 3:00		1/28/10 15:00	

Special Instructions:
List Specific Detection Limit Requirements:
SOXHLET EXTRACTION

Turnaround (Business Days): STANDARD

REPORT OF ANALYTICAL RESULTS

NETLAB Case Number V0201-12

Prepared for:

Attn: Mike Gitten & Jason Roback
ATC Associates, Inc.
600 W. Cummings Park, Suite 5500
Woburn, MA 01801

Report Date: February 5, 2010

Lab # RI010

NEW ENGLAND TESTING LABORATORY, INC.
1254 Douglas Avenue, North Providence, RI 02904
(401) 353-3420

Total # of Pages: 20

ANALYTICAL METHOD REPORT CERTIFICATION FORM

Laboratory Name: New England Testing Laboratory, Inc.	Project #: 060.03187.0024
Project Location: Agassiz School, Jamaica Plain, MA	RTN[1]:
This form provides certifications for the following data set: V0201-12	
Sample Matrices: Groundwater ( ) Soil/Sediment ( ) Drinking Water ( ) Other: Solid	

SW-846 Methods Used					
	8260B ( )	8151A ( )	8330 ( )	6010B ( )	7470A/1A ( )
	8270C ( )	8081A ( )	VPH ( )	6020 ( )	9014M[2] ( )
	8082 (x)	8021B ( )	EPH ( )	7000 S[3] ( )	Other: ( )

1 List Release Tracking Number (RTN), if known
2 M – SW-846 Method 9014 or MADEP Physiologically Available Cyanide (PAC) Method
3 S – SW-846 Methods 7000 Series List individual method and analyte

An affirmative response to questions A, B, and C is required for "Presumptive Certainty" status

A	Were all samples received by the laboratory in a condition consistent with that described on the Chain-of Custody documentation for the data set?	Yes (X) No[1] ( )
B	Were all QA/QC procedures required for the specified analytical method(s) included in this report followed, including the requirement to note and discuss in a narrative QC data that did not meet appropriate performance standards or guidelines?	Yes (X) No[1] ( )
C	Does the analytical data included in this report meet all the requirements for "Presumptive Certainty", as described in Section 2.0 of the MADEP document CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data"?	Yes (X) No[1] ( ) Not Applicable ( )
D	***VPH and EPH Methods only***: Was the VPH and EPH Method conducted without significant modifications (see Section 11.3 of respective Methods)	Yes ( ) No[1] ( )

A response to questions E and F below is required for "Presumptive Certainty" status

E	Were all QC performance standards and recommendations for the specified methods achieved?	Yes (X) No[1] ( )
F	Were results for all analyte-list compounds/elements for the specified method(s) reported?	Yes (X) No[1] ( )

[1]All NO answers must be addressed in an attached Environmental Laboratory case narrative.

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

Signature: _____ Position: Laboratory Director

Printed Name: Richard Warila Date: 2/5/2010

SAMPLES SUBMITTED and REQUEST FOR ANALYSIS:

The samples listed in Table I were submitted to New England Testing Laboratory on February 1, 2010. The group of samples appearing in this report was assigned an internal identification number (case number) for laboratory information management purposes. The client's designations for the individual samples, along with our case numbers, are used to identify the samples in this report. This report of analytical results pertains only to the sample(s) provided to us by the client which are indicated on the custoday record. The case number for this sample submission is V0201-12.

Custody records are included in this report.

Project: Agassiz School, Jamaica Plain, MA

TABLE I, Samples Submitted

Sample ID	Date Sampled	Matrix	Analysis Requested
#14 Inner Surf Conc.	1/29/10	Solid	Table II
#14 Insulation	1/29/10	Solid	Table II
#14 Outer Surf. Conc.	1/29/10	Solid	Table II
#14 Inner 2" Conc.	1/29/10	Solid	Table II
#13 Café, East, A	1/27/10	Solid	Table II
#14 Café, East, B	1/27/10	Solid	Table II
#15 Café, East, C	1/27/10	Solid	Table II
#16 Café, East, D	1/28/10	Solid	Table II
#17 Rm. 205, Hallway	1/28/10	Solid	Table II
#18 Room 201	1/28/10	Solid	Table II

TABLE II, Analysis and Methods

ANALYSIS	PREPARATION METHOD	DETERMINATIVE METHOD
PCBs	3540C	8082

These methods are documented in:

Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW-846, USEPA/OSW.

CASE NARRATIVE:

Sample Receipt:

No sample for ms/msd/duplicate analysis was supplied. No field blank was supplied. (This does not qualify the analytical results but does prevent conducting these SW-846 {Chapter 1, Section 3.4} QA Audits.)

The samples were all appropriately cooled and preserved upon receipt.

The samples were received in the appropriate containers.

The chain of custody was adequately completed and corresponded to the samples submitted.

PCBs:

The samples were extracted and analyzed within method specified holding times and according to NETLAB's documented standard operating procedures. The results for the associated calibration, method blank and laboratory control sample (LCS) were within method specified quality control criteria.

Samples "#14 Insulation and #18 Room 201" have elevated detection limits due to matrix interference. Multiple clean up steps failed to minimize the interference, so the sample extract was analyzed on a mass spectrometer. No ions signifying the presence of PCBs were detected above the reporting limit.

The matrix interference for "#14 Insulation" prevented the quantification of one surrogate. As a result, the surrogate recovery was reported as "obscured".

RESULTS: PCBs

The presence of the NETLAB LOGO in the top right corner of each page in this section indicates:

The Technical Manager of the Organics Analysis Department certifies that the samples included in this section have been prepared and analyzed using the procedures cited and that the results have been reviewed and approved. Any exceptions or qualifications of substance have been reported in the case narrative.

Sample: #14 Inner Surf. Conc.		
Case No.: V0201-12		
Date Collected: 1/29/10		
Sample Matrix: Solid		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	2/3/10	2/4/10
Analytical Method: EPA 8082		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aroclor-1221	N.D.	1000
Aroclor-1232	N.D.	1000
Aroclor-1016/1242	N.D.	1000
Aroclor-1248	N.D.	1000
Aroclor-1254	N.D.	1000
Aroclor-1260	N.D.	1000
Aroclor-1262	N.D.	1000
Aroclor-1268	N.D.	1000
Surrogates:		
Compound	% Recovery	Limits
TCMX	106	43-125
DCBP	116	41-127

*Wet Weight Basis

Sample: #14 Insulation		
Case No.: V0201-12		
Date Collected: 1/29/10		
Sample Matrix: Solid		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	2/3/10	2/4/10
Analytical Method: EPA 8082		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aroclor-1221	N.D.	2000
Aroclor-1232	N.D.	2000
Aroclor-1016/1242	N.D.	2000
Aroclor-1248	N.D.	2000
Aroclor-1254	N.D.	2000
Aroclor-1260	N.D.	2000
Aroclor-1262	N.D.	2000
Aroclor-1268	N.D.	2000
Surrogates:		
Compound	% Recovery	Limits
TCMX	Obscured	43-125
DCBP	99	41-127

*Wet Weight Basis

Sample: #14 Outer Surf. Conc.		
Case No.: V0201-12		
Date Collected: 1/29/10		
Sample Matrix: Solid		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	2/3/10	2/4/10
Analytical Method: EPA 8082		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aroclor-1221	N.D.	1000
Aroclor-1232	N.D.	1000
Aroclor-1016/1242	N.D.	1000
Aroclor-1248	N.D.	1000
Aroclor-1254	N.D.	1000
Aroclor-1260	N.D.	1000
Aroclor-1262	N.D.	1000
Aroclor-1268	N.D.	1000
Surrogates:		
Compound	% Recovery	Limits
TCMX	98	43-125
DCBP	102	41-127

*Wet Weight Basis

Sample: #14 Inner 2” Conc.		
Case No.: V0201-12		
Date Collected: 1/29/10		
Sample Matrix: Solid		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	2/3/10	2/4/10
Analytical Method: EPA 8082		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aroclor-1221	N.D.	1000
Aroclor-1232	N.D.	1000
Aroclor-1016/1242	N.D.	1000
Aroclor-1248	N.D.	1000
Aroclor-1254	N.D.	1000
Aroclor-1260	N.D.	1000
Aroclor-1262	N.D.	1000
Aroclor-1268	N.D.	1000
Surrogates:		
Compound	% Recovery	Limits
TCMX	94	43-125
DCBP	112	41-127

*Wet Weight Basis

Sample: #13 Café, East, A		
Case No.: V0201-12		
Date Collected: 1/27/10		
Sample Matrix: Solid		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	2/4/10	2/5/10
Analytical Method: EPA 8082		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aroclor-1221	N.D.	1000
Aroclor-1232	N.D.	1000
Aroclor-1016/1242	N.D.	1000
Aroclor-1248	N.D.	1000
Aroclor-1254	N.D.	1000
Aroclor-1260	N.D.	1000
Aroclor-1262	N.D.	1000
Aroclor-1268	N.D.	1000
Surrogates:		
Compound	% Recovery	Limits
TCMX	86	43-125
DCBP	118	41-127

*Wet Weight Basis

Sample: #14 Café, East, B		
Case No.: V0201-12		
Date Collected: 1/27/10		
Sample Matrix: Solid		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	2/4/10	2/5/10
Analytical Method: EPA 8082		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aroclor-1221	N.D.	1000
Aroclor-1232	N.D.	1000
Aroclor-1016/1242	N.D.	1000
Aroclor-1248	N.D.	1000
Aroclor-1254	N.D.	1000
Aroclor-1260	N.D.	1000
Aroclor-1262	N.D.	1000
Aroclor-1268	N.D.	1000
Surrogates:		
Compound	% Recovery	Limits
TCMX	82	43-125
DCBP	114	41-127

*Wet Weight Basis

Sample: #15 Café, East, C		
Case No.: V0201-12		
Date Collected: 1/27/10		
Sample Matrix: Solid		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	2/4/10	2/5/10
Analytical Method: EPA 8082		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aroclor-1221	N.D.	1000
Aroclor-1232	N.D.	1000
Aroclor-1016/1242	N.D.	1000
Aroclor-1248	N.D.	1000
Aroclor-1254	N.D.	1000
Aroclor-1260	N.D.	1000
Aroclor-1262	N.D.	1000
Aroclor-1268	N.D.	1000
Surrogates:		
Compound	% Recovery	Limits
TCMX	79	43-125
DCBP	113	41-127

*Wet Weight Basis

Sample: #16 Café, East, D		
Case No.: V0201-12		
Date Collected: 1/28/10		
Sample Matrix: Solid		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	2/4/10	2/5/10
Analytical Method: EPA 8082		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aroclor-1221	N.D.	1000
Aroclor-1232	N.D.	1000
Aroclor-1016/1242	N.D.	1000
Aroclor-1248	N.D.	1000
Aroclor-1254	N.D.	1000
Aroclor-1260	N.D.	1000
Aroclor-1262	N.D.	1000
Aroclor-1268	N.D.	1000
Surrogates:		
Compound	% Recovery	Limits
TCMX	103	43-125
DCBP	119	41-127

*Wet Weight Basis

Sample: #17, Rm. 205, Hallway		
Case No.: V0201-12		
Date Collected: 1/28/10		
Sample Matrix: Solid		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	2/4/10	2/5/10
Analytical Method: EPA 8082		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aroclor-1221	N.D.	1000
Aroclor-1232	N.D.	1000
Aroclor-1016/1242	N.D.	1000
Aroclor-1248	N.D.	1000
Aroclor-1254	N.D.	1000
Aroclor-1260	N.D.	1000
Aroclor-1262	N.D.	1000
Aroclor-1268	N.D.	1000
Surrogates:		
Compound	% Recovery	Limits
TCMX	90	43-125
DCBP	117	41-127

*Wet Weight Basis

Sample: #18 Room 201		
Case No.: V0201-12		
Date Collected: 1/28/10		
Sample Matrix: Solid		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	2/4/10	2/5/10
Analytical Method: EPA 8082		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aroclor-1221	N.D.	2000
Aroclor-1232	N.D.	2000
Aroclor-1016/1242	N.D.	2000
Aroclor-1248	N.D.	2000
Aroclor-1254	N.D.	2000
Aroclor-1260	N.D.	2000
Aroclor-1262	N.D.	2000
Aroclor-1268	N.D.	2000
Surrogates:		
Compound	% Recovery	Limits
TCMX	64	43-125
DCBP	107	41-127

*Wet Weight Basis

Sample: Method Blank #1		
Case No.: V0201-12		
Date Collected: NA		
Sample Matrix: Solid		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	2/3/10	2/4/10
Analytical Method: EPA 8082		
Compound	Concentration ug/kg (ppb)	Reporting Limit
Aroclor-1221	N.D.	1000
Aroclor-1232	N.D.	1000
Aroclor-1016/1242	N.D.	1000
Aroclor-1248	N.D.	1000
Aroclor-1254	N.D.	1000
Aroclor-1260	N.D.	1000
Aroclor-1262	N.D.	1000
Aroclor-1268	N.D.	1000
Surrogates:		
Compound	% Recovery	Limits
TCMX	99	43-125
DCBP	110	41-127

Sample: Method Blank #2		
Case No.: V0201-12		
Date Collected: NA		
Sample Matrix: Solid		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	2/4/10	2/5/10
Analytical Method: EPA 8082		
Compound	Concentration ug/kg (ppb)	Reporting Limit
Aroclor-1221	N.D.	1000
Aroclor-1232	N.D.	1000
Aroclor-1016/1242	N.D.	1000
Aroclor-1248	N.D.	1000
Aroclor-1254	N.D.	1000
Aroclor-1260	N.D.	1000
Aroclor-1262	N.D.	1000
Aroclor-1268	N.D.	1000
Surrogates:		
Compound	% Recovery	Limits
TCMX	92	43-125
DCBP	108	41-127

PCB Laboratory Control Spike

Sample Matrix: Solid				
Subject: PCB	Date Extracted			Date Analyzed
Prep Method: EPA 3540C	2/3/10			2/4/10
Analytical Method: EPA 8082				
Compound	Amount Spiked mg/kg	Result mg/kg	Recovery %	Recovery Limits
Aroclor 1016	0.500	0.490	98	46-117
Aroclor 1260	0.500	0.480	96	46-117
Surrogates:				
Compound	% Recovery	Limits		
TCMX	103	43-125		
DCBP	116	41-127		

PCB Laboratory Control Spike

Sample Matrix: Solid				
Subject: PCB	Date Extracted			Date Analyzed
Prep Method: EPA 3540C	2/4/10			2/5/10
Analytical Method: EPA 8082				
Compound	Amount Spiked mg/kg	Result mg/kg	Recovery %	Recovery Limits
Aroclor 1016	0.500	0.537	107	46-117
Aroclor 1260	0.500	0.512	102	46-117
Surrogates:				
Compound	% Recovery	Limits		
TCMX	107	43-125		
DCBP	115	41-127		

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CHAIN OF CUSTODY RECORD

V0201-12

PROJ. NO.: 060.03187.0024
PROJECT NAME/LOCATION: AGASSIZ SCHOOL/T, MA
CLIENT: ATC ASSOCIATES
REPORT TO: M GITEN, J ROBICK
INVOICE TO: M GITEN

DATE	TIME	COMP	GRAB	SAMPLE I.D.	AQUEOUS	SOIL	OTHER	NO. OF CONTAINERS	PRESERVATIVE	TESTS: PCB 8082 w/ Soxhlet extraction						REMARKS
1/29/10	1700		/	#14-INNER-SURF-CONC			/	1	None	/						
1/29/10	1705		/	#14-INSULATION			/	1	None	/						
1/29/10	1710		/	#14-OUTER-SURF-CONC			/	1	None	/						
1/29/10	1715		/	#14-INNER-2"-CONC.			/	1	None	/						
1/27/10	1700		/	#13 CAFE, EAST, A			/	1	None	/						
1/27/10	1730		/	#14 CAFE, EAST, B			/	1	None	/						
1/27/10	1800		/	#15 CAFE, EAST, C			/	1	None	/						
1/28/10	1900		/	#16 CAFE, EAST, D			/	1	None	/						
1/28/10	2200		/	#17 RM 205, HALLWAY			/	1	None	/						
1/28/10	2230		/	#18 ROOM 201			/	1	None	/						

Sampled by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
[signature]	1/29/10 1700 → 1715		
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
[signature]	1/30/10 1800		
Relinquished by: (Signature)	Date/Time	Received for Laboratory by: (Signature)	Date/Time
[signature]	2/1/10 1350	Robert Lee	2/1/10 1350

Laboratory Remarks:
Temp. received: 4.0
Cooled ☑

Special Instructions:
List Specific Detection Limit Requirements: Other = concrete
Soxhlet extraction
Turnaround (Business Days) STANDARD

Robert Lee 2/1/10 3:10 [signature] 2/1/10 15:10

REPORT OF ANALYTICAL RESULTS

NETLAB Case Number V0204-34

Prepared for:

Attn: Mike Gitten & Jason Roback
ATC Associates, Inc.
600 W. Cummings Park, Suite 5500
Woburn, MA 01801

Report Date: February 9, 2010

Lab # RI010

NEW ENGLAND TESTING LABORATORY, INC.
1254 Douglas Avenue, North Providence, RI 02904
(401) 353-3420

Total # of Pages: 10

ANALYTICAL METHOD REPORT CERTIFICATION FORM

Laboratory Name: New England Testing Laboratory, Inc.	Project #: 060.03187.0024
Project Location: Agassiz School, Jamaica Plain, MA	RTN[1]:
This form provides certifications for the following data set: V0201-12	
Sample Matrices: Groundwater ( ) Soil/Sediment ( ) Drinking Water ( ) Other: Solid	

SW-846 Methods Used					
	8260B ( )	8151A ( )	8330 ( )	6010B ( )	7470A/1A ( )
	8270C ( )	8081A ( )	VPH ( )	6020 ( )	9014M[2] ( )
	8082 (x)	8021B ( )	EPH ( )	7000 S[3] ( )	Other: ( )

1 List Release Tracking Number (RTN), if known
2 M – SW-846 Method 9014 or MADEP Physiologically Available Cyanide (PAC) Method
3 S – SW-846 Methods 7000 Series List individual method and analyte

An affirmative response to questions A, B, and C is required for "Presumptive Certainty" status

A	Were all samples received by the laboratory in a condition consistent with that described on the Chain-of Custody documentation for the data set?	Yes (X) No[1] ( )
B	Were all QA/QC procedures required for the specified analytical method(s) included in this report followed, including the requirement to note and discuss in a narrative QC data that did not meet appropriate performance standards or guidelines?	Yes (X) No[1] ( )
C	Does the analytical data included in this report meet all the requirements for "Presumptive Certainty", as described in Section 2.0 of the MADEP document CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data"?	Yes (X) No[1] ( ) Not Applicable ( )
D	***VPH and EPH Methods only***: Was the VPH and EPH Method conducted without significant modifications (see Section 11.3 of respective Methods)	Yes ( ) No[1] ( )

A response to questions E and F below is required for "Presumptive Certainty" status

E	Were all QC performance standards and recommendations for the specified methods achieved?	Yes (X) No[1] ( )
F	Were results for all analyte-list compounds/elements for the specified method(s) reported?	Yes (X) No[1] ( )

[1]All NO answers must be addressed in an attached Environmental Laboratory case narrative.

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

Signature: _____ Position: Laboratory Director

Printed Name: Richard Warila Date: 2/9/2010

SAMPLES SUBMITTED and REQUEST FOR ANALYSIS:

The samples listed in Table I were submitted to New England Testing Laboratory on February 4, 2010. The group of samples appearing in this report was assigned an internal identification number (case number) for laboratory information management purposes. The client's designations for the individual samples, along with our case numbers, are used to identify the samples in this report. This report of analytical results pertains only to the sample(s) provided to us by the client which are indicated on the custoday record. The case number for this sample submission is V0204-34.

Custody records are included in this report.

Project: Agassiz School, Jamaica Plain, MA

TABLE I, Samples Submitted

Sample ID	Date Sampled	Matrix	Analysis Requested
North Monitor Lintel	2/2/10	Wipe	Table II
North Monitor Sill	2/2/10	Wipe	Table II

TABLE II, Analysis and Methods

ANALYSIS	PREPARATION METHOD	DETERMINATIVE METHOD
PCBs	3540C	8082

These methods are documented in:

Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW-846, USEPA/OSW.

CASE NARRATIVE:

Sample Receipt:

No sample for ms/msd/duplicate analysis was supplied. No field blank was supplied. (This does not qualify the analytical results but does prevent conducting these SW-846 {Chapter 1, Section 3.4} QA Audits.)

The samples were all appropriately cooled and preserved upon receipt.

The samples were received in the appropriate containers.

The chain of custody was adequately completed and corresponded to the samples submitted.

PCBs:

The samples were extracted and analyzed within method specified holding times and according to NETLAB's documented standard operating procedures. The results for the associated calibration, method blank and laboratory control sample (LCS) were within method specified quality control criteria.

RESULTS: PCBs

The presence of the NETLAB LOGO in the top right corner of each page in this section indicates:

The Technical Manager of the Organics Analysis Department certifies that the samples included in this section have been prepared and analyzed using the procedures cited and that the results have been reviewed and approved. Any exceptions or qualifications of substance have been reported in the case narrative.

Sample: North Monitor Lintel		
Case No.: V0204-34		
Date Collected:2/2/10		
Sample Matrix: Wipe		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	2/8/10	2/9/10
Analytical Method: EPA 8082		
Compound	Concentration ng/100cm^2	Reporting Limit
Aroclor-1221	N.D.	200
Aroclor-1232	N.D.	200
Aroclor-1016/1242	N.D.	200
Aroclor-1248	N.D.	200
Aroclor-1254	N.D.	200
Aroclor-1260	N.D.	200
Aroclor-1262	N.D.	200
Aroclor-1268	N.D.	200
Surrogates:		
Compound	% Recovery	Limits
TCMX	107	43-125
DCBP	112	41-127

*Wet Weight Basis

Sample: North Monitor Sill		
Case No.: V0204-34		
Date Collected: 2/2/10		
Sample Matrix: Wipe		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	2/8/10	2/9/10
Analytical Method: EPA 8082		
Compound	Concentration ng/100cm^2	Reporting Limit
Aroclor-1221	N.D.	200
Aroclor-1232	N.D.	200
Aroclor-1016/1242	N.D.	200
Aroclor-1248	N.D.	200
Aroclor-1254	N.D.	200
Aroclor-1260	N.D.	200
Aroclor-1262	N.D.	200
Aroclor-1268	N.D.	200
Surrogates:		
Compound	% Recovery	Limits
TCMX	89	43-125
DCBP	89	41-127

*Wet Weight Basis

Sample: Method Blank		
Case No.: V0201-12		
Date Collected: NA		
Sample Matrix: Wipe		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	2/8/10	2/9/10
Analytical Method: EPA 8082		
Compound	Concentration ng/100cm^2	Reporting Limit
Aroclor-1221	N.D.	200
Aroclor-1232	N.D.	200
Aroclor-1016/1242	N.D.	200
Aroclor-1248	N.D.	200
Aroclor-1254	N.D.	200
Aroclor-1260	N.D.	200
Aroclor-1262	N.D.	200
Aroclor-1268	N.D.	200
Surrogates:		
Compound	% Recovery	Limits
TCMX	94	43-125
DCBP	110	41-127

PCB Laboratory Control Spike

Sample Matrix: Wipe				
Subject: PCB	Date Extracted			Date Analyzed
Prep Method: EPA 3540C	2/8/10			2/9/10
Analytical Method: EPA 8082				
Compound	Amount Spiked	Result	Recovery %	Recovery Limits
Aroclor 1016	0.500	0.500	100	46-117
Aroclor 1260	0.500	0.491	98	46-117
Surrogates:				
Compound	% Recovery	Limits		
TCMX	96	43-125		
DCBP	111	41-127		

NEW ENGLAND TESTING LABORATORY, INC.
1254 Douglas Ave.
North Providence, RI 02904
1-888-863-8522

V0204.34

CHAIN OF CUSTODY RECORD

PROJ. NO.: 060.08187.0024

PROJECT NAME/LOCATION: AGASSIZ SCHOOL / JAMAICA PLAIN, MA

CLIENT: ATC ASSOCIATES

REPORT TO: MICHAEL

INVOICE TO:

DATE	TIME	COMP	GRAB	SAMPLE I.D.	AQUEOUS	SOIL	OTHER	NO. OF CONTAINERS	PRESERVATIVE	TESTS: PCB 8082 w/ soxhlet extraction	REMARKS
2/2/10	1715		/	NORTH MONITOR LINTEL			/	1	HEXANE	/	WIPE SAMPLE
2/2/10	1725		/	NORTH MONITOR SILL			/	1	HEXANE	/	WIPE SAMPLE

Sampled by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	2/2/10 1715-1725		
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	2/4/10 1005		2/4/10 10:05
Relinquished by: (Signature)	Date/Time	Received for Laboratory by: (Signature)	Date/Time
	2/4/10 3:50		2/4/10 15:50

Laboratory Remarks:
Temp. received: 5
Cooled: Y

Special Instructions:
List Specific Detection Limit Requirements:
SOXHLET EXTRACTION

Turnaround (Business Days): STANDARD

REPORT OF ANALYTICAL RESULTS

NETLAB Case Number V0205-22

Prepared for:

Attn: Mike Gitten & Jason Roback
ATC Associates, Inc.
600 W. Cummings Park, Suite 5500
Woburn, MA 01801

Report Date: February 11, 2010

Lab # RI010

NEW ENGLAND TESTING LABORATORY, INC.
1254 Douglas Avenue, North Providence, RI 02904
(401) 353-3420

Total # of Pages: 10

ANALYTICAL METHOD REPORT CERTIFICATION FORM

Laboratory Name: New England Testing Laboratory, Inc.	Project #: 060.03187.0024
Project Location: Agassiz School, Jamaica Plain, MA	RTN[1]:
This form provides certifications for the following data set: V0205-22	
Sample Matrices: Groundwater ( ) Soil/Sediment ( ) Drinking Water ( ) Other: Wipe	

SW-846 Methods Used					
	8260B ( )	8151A ( )	8330 ( )	6010B ( )	7470A/1A ( )
	8270C ( )	8081A ( )	VPH ( )	6020 ( )	9014M[2] ( )
	8082 (x)	8021B ( )	EPH ( )	7000 S[3] ( )	Other: ( )

1 List Release Tracking Number (RTN), if known
2 M – SW-846 Method 9014 or MADEP Physiologically Available Cyanide (PAC) Method
3 S – SW-846 Methods 7000 Series List individual method and analyte

An affirmative response to questions A, B, and C is required for "Presumptive Certainty" status

A	Were all samples received by the laboratory in a condition consistent with that described on the Chain-of Custody documentation for the data set?	Yes (X) No[1] ( )
B	Were all QA/QC procedures required for the specified analytical method(s) included in this report followed, including the requirement to note and discuss in a narrative QC data that did not meet appropriate performance standards or guidelines?	Yes (X) No[1] ( )
C	Does the analytical data included in this report meet all the requirements for "Presumptive Certainty", as described in Section 2.0 of the MADEP document CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data"?	Yes (X) No[1] ( ) Not Applicable ( )
D	***VPH and EPH Methods only***: Was the VPH and EPH Method conducted without significant modifications (see Section 11.3 of respective Methods)	Yes ( ) No[1] ( )

A response to questions E and F below is required for "Presumptive Certainty" status

E	Were all QC performance standards and recommendations for the specified methods achieved?	Yes (X) No[1] ( )
F	Were results for all analyte-list compounds/elements for the specified method(s) reported?	Yes (X) No[1] ( )

[1]All NO answers must be addressed in an attached Environmental Laboratory case narrative.

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

Signature: _____ Position: Laboratory Director

Printed Name: Richard Warila Date: 2/11/2010

SAMPLES SUBMITTED and REQUEST FOR ANALYSIS:

The samples listed in Table I were submitted to New England Testing Laboratory on February 5, 2010. The group of samples appearing in this report was assigned an internal identification number (case number) for laboratory information management purposes. The client's designations for the individual samples, along with our case numbers, are used to identify the samples in this report. This report of analytical results pertains only to the sample(s) provided to us by the client which are indicated on the custoday record. The case number for this sample submission is V0205-22.

Custody records are included in this report.

Project: Agassiz School, Jamaica Plain, MA

TABLE I, Samples Submitted

Sample ID	Date Sampled	Matrix	Analysis Requested
Monitor 2 Lintel	2/4/10	Wipe	Table II
Monitor 2 Sill	2/4/10	Wipe	Table II

TABLE II, Analysis and Methods

ANALYSIS	PREPARATION METHOD	DETERMINATIVE METHOD
PCBs	3540C	8082

These methods are documented in:

Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW-846, USEPA/OSW.

CASE NARRATIVE:

Sample Receipt:

No sample for ms/msd/duplicate analysis was supplied. No field blank was supplied. (This does not qualify the analytical results but does prevent conducting these SW-846 {Chapter 1, Section 3.4} QA Audits.)

The samples were all appropriately cooled and preserved upon receipt.

The samples were received in the appropriate containers.

The chain of custody was adequately completed and corresponded to the samples submitted.

PCBs:

The samples were extracted and analyzed within method specified holding times and according to NETLAB's documented standard operating procedures. The results for the associated calibration, method blank and laboratory control sample (LCS) were within method specified quality control criteria.

RESULTS: PCBs

The presence of the NETLAB LOGO in the top right corner of each page in this section indicates:

The Technical Manager of the Organics Analysis Department certifies that the samples included in this section have been prepared and analyzed using the procedures cited and that the results have been reviewed and approved. Any exceptions or qualifications of substance have been reported in the case narrative.

Sample: Monitor 2 Lintel		
Case No.: V0205-22		
Date Collected: 2/4/10		
Sample Matrix: Wipe		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	2/8/10	2/9/10
Analytical Method: EPA 8082		
Compound	Concentration ng/100cm^2	Reporting Limit
Aroclor-1221	N.D.	200
Aroclor-1232	N.D.	200
Aroclor-1016/1242	N.D.	200
Aroclor-1248	N.D.	200
Aroclor-1254	N.D.	200
Aroclor-1260	N.D.	200
Aroclor-1262	N.D.	200
Aroclor-1268	N.D.	200
Surrogates:		
Compound	% Recovery	Limits
TCMX	92	43-125
DCBP	100	41-127

*Wet Weight Basis

Sample: Monitor 2 Sill		
Case No.: V0205-22		
Date Collected: 2/4/10		
Sample Matrix: Wipe		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	2/8/10	2/9/10
Analytical Method: EPA 8082		
Compound	Concentration ng/100cm^2	Reporting Limit
Aroclor-1221	N.D.	200
Aroclor-1232	N.D.	200
Aroclor-1016/1242	N.D.	200
Aroclor-1248	N.D.	200
Aroclor-1254	N.D.	200
Aroclor-1260	N.D.	200
Aroclor-1262	N.D.	200
Aroclor-1268	N.D.	200
Surrogates:		
Compound	% Recovery	Limits
TCMX	100	43-125
DCBP	110	41-127

*Wet Weight Basis

Sample: Method Blank		
Case No.: V0201-12		
Date Collected: NA		
Sample Matrix: Wipe		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	2/8/10	2/9/10
Analytical Method: EPA 8082		
Compound	Concentration ng/100cm^2	Reporting Limit
Aroclor-1221	N.D.	200
Aroclor-1232	N.D.	200
Aroclor-1016/1242	N.D.	200
Aroclor-1248	N.D.	200
Aroclor-1254	N.D.	200
Aroclor-1260	N.D.	200
Aroclor-1262	N.D.	200
Aroclor-1268	N.D.	200
Surrogates:		
Compound	% Recovery	Limits
TCMX	94	43-125
DCBP	110	41-127

PCB Laboratory Control Spike

Sample Matrix: Wipe				
Subject: PCB	Date Extracted			Date Analyzed
Prep Method: EPA 3540C	2/8/10			2/9/10
Analytical Method: EPA 8082				
Compound	Amount Spiked	Result	Recovery %	Recovery Limits
Aroclor 1016	0.500	0.500	100	46-117
Aroclor 1260	0.500	0.491	98	46-117
Surrogates:				
Compound	% Recovery	Limits		
TCMX	96	43-125		
DCBP	111	41-127		

V0205-22

NEW ENGLAND TESTING LABORATORY, INC.
1254 Douglas Ave.
North Providence, RI 02904
1-888-863-8522

CHAIN OF CUSTODY RECORD

PROJ. NO.: 060.03187.0024
PROJECT NAME/LOCATION: AGASSIZ SCHOOL / JAMAICA PLAIN, MA
CLIENT: ATC Associates
REPORT TO: M GLITEN / T ROBACK
INVOICE TO: MGLITEN

DATE	TIME	COMP	GRAB	SAMPLE I.D.	AQUEOUS	SOIL	OTHER	NO. OF CONTAINERS	PRESERVATIVE	TESTS: PCB 8082 w/ Soxhlet extraction						REMARKS
2/4/10	1645		/	MONITOR 2, LINTEL			/	1	HEXANE	/						WIPE SAMPLE
2/4/10	1700		/	MONITOR 2, SILL			/	1	HEXANE	/						WIPE SAMPLE

Sampled by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
[signature]	2/4/10 1700		
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
[signature]	2/5/10 1130	[signature]	2-5-10 11:30
Relinquished by: (Signature)	Date/Time	Received for Laboratory by: (Signature)	Date/Time
[signature]	2-5-10 4:40	[signature]	2/5/10 16:40

Laboratory Remarks:
Temp. received: 4°
Cooled ✓

Special Instructions:
List Specific Detection Limit Requirements:

SOXHELET EXTRACTION

Turnaround (Business Days): STANDARD

REPORT OF ANALYTICAL RESULTS

NETLAB Case Number V0215-13

Prepared for:

Attn: Mike Gitten & Jason Roback
ATC Associates, Inc.
600 W. Cummings Park, Suite 5500
Woburn, MA 01801

Report Date: February 17, 2010

Lab # RI010

NEW ENGLAND TESTING LABORATORY, INC.
1254 Douglas Avenue, North Providence, RI 02904
(401) 353-3420

Total # of Pages: 10

ANALYTICAL METHOD REPORT CERTIFICATION FORM

Laboratory Name: New England Testing Laboratory, Inc.	Project #: 060.03187.0024
Project Location: Agassiz School, Jamaica Plain, MA	RTN[1]:
This form provides certifications for the following data set: V0215-13	
Sample Matrices: Groundwater ( ) Soil/Sediment ( ) Drinking Water ( ) Other: Concrete	

SW-846 Methods Used					
	8260B ( )	8151A ( )	8330 ( )	6010B ( )	7470A/1A ( )
	8270C ( )	8081A ( )	VPH ( )	6020 ( )	9014M[2] ( )
	8082 (x)	8021B ( )	EPH ( )	7000 S[3] ( )	Other: ( )

1 List Release Tracking Number (RTN), if known
2 M – SW-846 Method 9014 or MADEP Physiologically Available Cyanide (PAC) Method
3 S – SW-846 Methods 7000 Series List individual method and analyte

An affirmative response to questions A, B, and C is required for "Presumptive Certainty" status

A	Were all samples received by the laboratory in a condition consistent with that described on the Chain-of Custody documentation for the data set?	Yes (X) No[1] ( )
B	Were all QA/QC procedures required for the specified analytical method(s) included in this report followed, including the requirement to note and discuss in a narrative QC data that did not meet appropriate performance standards or guidelines?	Yes (X) No[1] ( )
C	Does the analytical data included in this report meet all the requirements for "Presumptive Certainty", as described in Section 2.0 of the MADEP document CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data"?	Yes (X) No[1] ( ) Not Applicable ( )
D	***VPH and EPH Methods only***: Was the VPH and EPH Method conducted without significant modifications (see Section 11.3 of respective Methods)	Yes ( ) No[1] ( )

A response to questions E and F below is required for "Presumptive Certainty" status

E	Were all QC performance standards and recommendations for the specified methods achieved?	Yes (X) No[1] ( )
F	Were results for all analyte-list compounds/elements for the specified method(s) reported?	Yes (X) No[1] ( )

[1]All NO answers must be addressed in an attached Environmental Laboratory case narrative.

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

Signature: _____ Position: Laboratory Director

Printed Name: Richard Warila Date: 2/17/2010

SAMPLES SUBMITTED and REQUEST FOR ANALYSIS:

The samples listed in Table I were submitted to New England Testing Laboratory on February 13, 2010. The group of samples appearing in this report was assigned an internal identification number (case number) for laboratory information management purposes. The client's designations for the individual samples, along with our case numbers, are used to identify the samples in this report. This report of analytical results pertains only to the sample(s) provided to us by the client which are indicated on the custoday record. The case number for this sample submission is V0215-13.

Custody records are included in this report.

Project: Agassiz School, Jamaica Plain, MA

TABLE I, Samples Submitted

Sample ID	Date Sampled	Matrix	Analysis Requested
D1 Cafeteria East Side	2/12/10	Concrete	Table II
D2 Cafeteria West Side	2/12/10	Concrete	Table II

TABLE II, Analysis and Methods

ANALYSIS	PREPARATION METHOD	DETERMINATIVE METHOD
PCBs	3540C	8082

These methods are documented in:

Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW-846, USEPA/OSW.

CASE NARRATIVE:

Sample Receipt:

No sample for ms/msd/duplicate analysis was supplied. No field blank was supplied. (This does not qualify the analytical results but does prevent conducting these SW-846 {Chapter 1, Section 3.4} QA Audits.)

The samples were all appropriately cooled and preserved upon receipt.

The samples were received in the appropriate containers.

The chain of custody was adequately completed and corresponded to the samples submitted.

PCBs:

The samples were extracted and analyzed within method specified holding times and according to NETLAB's documented standard operating procedures. The results for the associated calibration, method blank and laboratory control sample (LCS) were within method specified quality control criteria.

RESULTS: PCBs

The presence of the NETLAB LOGO in the top right corner of each page in this section indicates:

The Technical Manager of the Organics Analysis Department certifies that the samples included in this section have been prepared and analyzed using the procedures cited and that the results have been reviewed and approved. Any exceptions or qualifications of substance have been reported in the case narrative.

Sample: D1 Cafeteria East Side		
Case No.: V0215-13		
Date Collected: 2/12/10		
Sample Matrix: Concrete		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	2/13/10	2/16/10
Analytical Method: EPA 8082		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aroclor-1221	N.D.	1000
Aroclor-1232	N.D.	1000
Aroclor-1016/1242	N.D.	1000
Aroclor-1248	N.D.	1000
Aroclor-1254	N.D.	1000
Aroclor-1260	N.D.	1000
Aroclor-1262	N.D.	1000
Aroclor-1268	N.D.	1000
Surrogates:		
Compound	% Recovery	Limits
TCMX	93	43-125
DCBP	94	41-127

*Wet Weight Basis

Sample: D2 Cafeteria West Side		
Case No.: V0215-13		
Date Collected: 2/12/10		
Sample Matrix: Concrete		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	2/13/10	2/16/10
Analytical Method: EPA 8082		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aroclor-1221	N.D.	1000
Aroclor-1232	N.D.	1000
Aroclor-1016/1242	N.D.	1000
Aroclor-1248	N.D.	1000
Aroclor-1254	N.D.	1000
Aroclor-1260	N.D.	1000
Aroclor-1262	N.D.	1000
Aroclor-1268	N.D.	1000
Surrogates:		
Compound	% Recovery	Limits
TCMX	76	43-125
DCBP	78	41-127

*Wet Weight Basis

Sample: Method Blank		
Case No.: V0215-13		
Date Collected: NA		
Sample Matrix: Solid		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	2/13/10	2/17/10
Analytical Method: EPA 8082		
Compound	Concentration ug/kg (ppb)	Reporting Limit
Aroclor-1221	N.D.	1000
Aroclor-1232	N.D.	1000
Aroclor-1016/1242	N.D.	1000
Aroclor-1248	N.D.	1000
Aroclor-1254	N.D.	1000
Aroclor-1260	N.D.	1000
Aroclor-1262	N.D.	1000
Aroclor-1268	N.D.	1000
Surrogates:		
Compound	% Recovery	Limits
TCMX	96	43-125
DCBP	98	41-127

PCB Laboratory Control Spike

Sample Matrix: Solid				
Subject: PCB	Date Extracted			Date Analyzed
Prep Method: EPA 3540C	2/13/10			2/16/10
Analytical Method: EPA 8082				
Compound	Amount Spiked	Result	Recovery %	Recovery Limits
Aroclor 1016	0.500	0.469	94	46-117
Aroclor 1260	0.500	0.488	98	46-117
Surrogates:				
Compound	% Recovery	Limits		
TCMX	87	43-125		
DCBP	87	41-127		

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CHAIN OF CUSTODY RECORD

V0215-13

PROJ. NO.

PROJECT NAME/LOCATION: Agassiz School, Child St. Boston

CLIENT: ATC Associates, Woburn

REPORT TO: M. Gitten, J. Roback

INVOICE TO:

DATE	TIME	COMP	GRAB	SAMPLE I.D.	AQUEOUS	SOIL	OTHER	NO. OF CONTAINERS	PRESERVATIVE	TESTS: PCB8082 / soxhlet extr.						REMARKS
2-12			X	D1 (Door)			X	1	NA	X						cafeteria East side
2-12			X	D2 (Door)			X	1	NA	X						cafeteria West side

Sampled by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
M. Puyana	2-12 1050P		
Relinquished by: (Signature)	**Date/Time**	**Received by: (Signature)**	**Date/Time**
M. Puyana	2-13 11A	R W	2/13 12:00
Relinquished by: (Signature)	**Date/Time**	**Received for Laboratory by: (Signature)**	**Date/Time**

Laboratory Remarks:
Temp. received: 4°
Cooled ☑

Special Instructions:
List Specific Detection Limit Requirements: Results ASAP To M. Gitten & J. Roback

Turnaround (Business Days) RUSH

REPORT OF ANALYTICAL RESULTS

NETLAB Case Number V0211-35

Prepared for:

Attn: Mike Gitten & Jason Roback
ATC Associates, Inc.
600 W. Cummings Park, Suite 5500
Woburn, MA 01801

Report Date: February 18, 2010

Lab # RI010

NEW ENGLAND TESTING LABORATORY, INC.
1254 Douglas Avenue, North Providence, RI 02904
(401) 353-3420

Total # of Pages: 11

ANALYTICAL METHOD REPORT CERTIFICATION FORM

Laboratory Name: New England Testing Laboratory, Inc.	Project #: 060.03187.0024
Project Location: Agassiz School, Jamaica Plain, MA	RTN[1]:
This form provides certifications for the following data set: V0211-35	
Sample Matrices: Groundwater ( ) Soil/Sediment ( ) Drinking Water ( ) Other: Wipe	

SW-846 Methods Used					
	8260B ( )	8151A ( )	8330 ( )	6010B ( )	7470A/1A ( )
	8270C ( )	8081A ( )	VPH ( )	6020 ( )	9014M[2] ( )
	8082 (x)	8021B ( )	EPH ( )	7000 S[3] ( )	Other: ( )

1 List Release Tracking Number (RTN), if known
2 M – SW-846 Method 9014 or MADEP Physiologically Available Cyanide (PAC) Method
3 S – SW-846 Methods 7000 Series List individual method and analyte

An affirmative response to questions A, B, and C is required for "Presumptive Certainty" status

A	Were all samples received by the laboratory in a condition consistent with that described on the Chain-of Custody documentation for the data set?	Yes (X) No[1] ( )
B	Were all QA/QC procedures required for the specified analytical method(s) included in this report followed, including the requirement to note and discuss in a narrative QC data that did not meet appropriate performance standards or guidelines?	Yes (X) No[1] ( )
C	Does the analytical data included in this report meet all the requirements for "Presumptive Certainty", as described in Section 2.0 of the MADEP document CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data"?	Yes (X) No[1] ( ) Not Applicable ( )
D	***VPH and EPH Methods only***: Was the VPH and EPH Method conducted without significant modifications (see Section 11.3 of respective Methods)	Yes ( ) No[1] ( )

A response to questions E and F below is required for "Presumptive Certainty" status

E	Were all QC performance standards and recommendations for the specified methods achieved?	Yes (X) No[1] ( )
F	Were results for all analyte-list compounds/elements for the specified method(s) reported?	Yes (X) No[1] ( )

[1]All NO answers must be addressed in an attached Environmental Laboratory case narrative.

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

Signature: _____ Position: Laboratory Director

Printed Name: Richard Warila Date: 2/18/2010

SAMPLES SUBMITTED and REQUEST FOR ANALYSIS:

The samples listed in Table I were submitted to New England Testing Laboratory on February 11, 2010. The group of samples appearing in this report was assigned an internal identification number (case number) for laboratory information management purposes. The client's designations for the individual samples, along with our case numbers, are used to identify the samples in this report. This report of analytical results pertains only to the sample(s) provided to us by the client which are indicated on the custoday record. The case number for this sample submission is V0211-35.

Custody records are included in this report.

Project: Agassiz School, Jamaica Plain, MA

TABLE I, Samples Submitted

Sample ID	Date Sampled	Matrix	Analysis Requested
Monitor #3 Lintel	2/9/10	Wipe	Table II
Monitor #1 Sill	2/9/10	Wipe	Table II
Monitor #1 Lintel	2/9/10	Wipe	Table II

TABLE II, Analysis and Methods

ANALYSIS	PREPARATION METHOD	DETERMINATIVE METHOD
PCBs	3540C	8082

These methods are documented in:

Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW-846, USEPA/OSW.

CASE NARRATIVE:

Sample Receipt:

No sample for ms/msd/duplicate analysis was supplied. No field blank was supplied. (This does not qualify the analytical results but does prevent conducting these SW-846 {Chapter 1, Section 3.4} QA Audits.)

The samples were all appropriately cooled and preserved upon receipt.

The samples were received in the appropriate containers.

The chain of custody was adequately completed and corresponded to the samples submitted.

PCBs:

The samples were extracted and analyzed within method specified holding times and according to NETLAB's documented standard operating procedures. The results for the associated calibration, method blank and laboratory control sample (LCS) were within method specified quality control criteria.

RESULTS: PCBs

The presence of the NETLAB LOGO in the top right corner of each page in this section indicates:

The Technical Manager of the Organics Analysis Department certifies that the samples included in this section have been prepared and analyzed using the procedures cited and that the results have been reviewed and approved. Any exceptions or qualifications of substance have been reported in the case narrative.

Sample: Monitor #3 Lintel		
Case No.: V0211-35		
Date Collected: 2/4910		
Sample Matrix: Wipe		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	2/16/10	2/17/10
Analytical Method: EPA 8082		
Compound	Concentration ng/100cm^2	Reporting Limit
Aroclor-1221	N.D.	200
Aroclor-1232	N.D.	200
Aroclor-1016/1242	N.D.	200
Aroclor-1248	N.D.	200
Aroclor-1254	N.D.	200
Aroclor-1260	N.D.	200
Aroclor-1262	N.D.	200
Aroclor-1268	N.D.	200
Surrogates:		
Compound	% Recovery	Limits
TCMX	118	43-125
DCBP	104	41-127

*Wet Weight Basis

Sample: Monitor #1 Sill		
Case No.: V0211-35		
Date Collected: 2/9/10		
Sample Matrix: Wipe		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	2/16/10	2/17/10
Analytical Method: EPA 8082		
Compound	Concentration ng/100cm^2	Reporting Limit
Aroclor-1221	N.D.	200
Aroclor-1232	N.D.	200
Aroclor-1016/1242	N.D.	200
Aroclor-1248	N.D.	200
Aroclor-1254	N.D.	200
Aroclor-1260	N.D.	200
Aroclor-1262	N.D.	200
Aroclor-1268	N.D.	200
Surrogates:		
Compound	% Recovery	Limits
TCMX	106	43-125
DCBP	106	41-127

*Wet Weight Basis

Sample: Monitor #1 Lintel		
Case No.: V0211-35		
Date Collected: 2/9/10		
Sample Matrix: Wipe		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	2/16/10	2/17/10
Analytical Method: EPA 8082		
Compound	Concentration ng/100cm^2	Reporting Limit
Aroclor-1221	N.D.	200
Aroclor-1232	N.D.	200
Aroclor-1016/1242	N.D.	200
Aroclor-1248	N.D.	200
Aroclor-1254	N.D.	200
Aroclor-1260	N.D.	200
Aroclor-1262	N.D.	200
Aroclor-1268	N.D.	200
Surrogates:		
Compound	% Recovery	Limits
TCMX	117	43-125
DCBP	112	41-127

*Wet Weight Basis

Sample: Method Blank		
Case No.: V0211-35		
Date Collected: NA		
Sample Matrix: Wipe		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	2/16/10	2/17/10
Analytical Method: EPA 8082		
Compound	Concentration ng/100cm^2	Reporting Limit
Aroclor-1221	N.D.	200
Aroclor-1232	N.D.	200
Aroclor-1016/1242	N.D.	200
Aroclor-1248	N.D.	200
Aroclor-1254	N.D.	200
Aroclor-1260	N.D.	200
Aroclor-1262	N.D.	200
Aroclor-1268	N.D.	200
Surrogates:		
Compound	% Recovery	Limits
TCMX	110	43-125
DCBP	103	41-127

PCB Laboratory Control Spike

Sample Matrix: Wipe				
Subject: PCB	Date Extracted			Date Analyzed
Prep Method: EPA 3540C	2/16/10			2/18/10
Analytical Method: EPA 8082				
Compound	Amount Spiked	Result	Recovery %	Recovery Limits
Aroclor 1016	0.500	0.481	96	46-117
Aroclor 1260	0.500	0.515	103	46-117
Surrogates:				
Compound	% Recovery	Limits		
TCMX	112	43-125		
DCBP	118	41-127		

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V0211-35

CHAIN OF CUSTODY RECORD

PROJ. NO.: 060.03187.0024
PROJECT NAME/LOCATION: AGASSIZ SCHOOL / JAMAICA PLAIN, MA
CLIENT: ATC Associates
REPORT TO: M GITTEN, J ROBACK
INVOICE TO: MICHAEL GITTEN

DATE	TIME	COMP	GRAB	SAMPLE I.D.	AQUEOUS	SOIL	OTHER	NO. OF CONTAINERS	PRESERVATIVE	TESTS: VOC 8082 w/ soxhlet extraction	REMARKS
2/9/10	1615		/	MONITOR #3 - LENTIC			/	1	Hexane	✓	WIPE SAMPLES
2/9/10	1645		/	MONITOR #1 - SILL			/	1	Hexane	✓	
2/9/10	1650		/	MONITOR #1 - LENTIC			/	1	Hexane	✓	

Sampled by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
[signature]	2/9/10 1615 → 1650		
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
[signature]	2/11/10 1240	Robert Lee	2/11/10 12:40
Relinquished by: (Signature)	Date/Time	Received for Laboratory by: (Signature)	Date/Time
Robert Lee	2/11/10 4:00	[signature]	2/11/10 16:00

Laboratory Remarks:
Temp. received: 3°
Cooled ✓

Special Instructions:
List Specific Detection Limit Requirements:
w/ soxhlet extraction

Turnaround (Business Days): STANDARD

REPORT OF ANALYTICAL RESULTS

NETLAB Case Number V0217-07

Prepared for:

Attn: Mike Gitten & Jason Roback
ATC Associates, Inc.
600 W. Cummings Park, Suite 5500
Woburn, MA 01801

Report Date: February 18, 2010

Lab # RI010

NEW ENGLAND TESTING LABORATORY, INC.
1254 Douglas Avenue, North Providence, RI 02904
(401) 353-3420

Total # of Pages: 11

ANALYTICAL METHOD REPORT CERTIFICATION FORM

Laboratory Name: New England Testing Laboratory, Inc.	Project #: 060.03187.0024
Project Location: Agassiz School/Jamaica Plain, MA	RTN[1]:

This form provides certifications for the following data set: V0217-07

Sample Matrices: Groundwater ( ) Soil/Sediment ( ) Drinking Water ( ) Other: Caulk

SW-846 Methods Used					
	8260B ( )	8151A ( )	8330 ( )	6010B ( )	7470A/1A ( )
	8270C ( )	8081A ( )	VPH ( )	6020 ( )	9014M[2] ( )
	8082 (x)	8021B ( )	EPH ( )	7000 S[3] ( )	Other: ( )

1 List Release Tracking Number (RTN), if known
2 M – SW-846 Method 9014 or MADEP Physiologically Available Cyanide (PAC) Method
3 S – SW-846 Methods 7000 Series List individual method and analyte

An affirmative response to questions A, B, and C is required for "Presumptive Certainty" status

A	Were all samples received by the laboratory in a condition consistent with that described on the Chain-of Custody documentation for the data set?	Yes (X) No[1] ( )
B	Were all QA/QC procedures required for the specified analytical method(s) included in this report followed, including the requirement to note and discuss in a narrative QC data that did not meet appropriate performance standards or guidelines?	Yes (X) No[1] ( )
C	Does the analytical data included in this report meet all the requirements for "Presumptive Certainty", as described in Section 2.0 of the MADEP document CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data"?	Yes (X) No[1] ( ) Not Applicable ( )
D	***VPH and EPH Methods only***: Was the VPH and EPH Method conducted without significant modifications (see Section 11.3 of respective Methods)	Yes ( ) No[1] ( )

A response to questions E and F below is required for "Presumptive Certainty" status

E	Were all QC performance standards and recommendations for the specified methods achieved?	Yes (X) No[1] ( )
F	Were results for all analyte-list compounds/elements for the specified method(s) reported?	Yes (X) No[1] ( )

[1]All NO answers must be addressed in an attached Environmental Laboratory case narrative.

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

Signature: _____ Position: Laboratory Director

Printed Name: Richard Warila Date: 2/18/2010

SAMPLES SUBMITTED and REQUEST FOR ANALYSIS:

The samples listed in Table I were submitted to New England Testing Laboratory on February 17, 2010. The group of samples appearing in this report was assigned an internal identification number (case number) for laboratory information management purposes. The client's designations for the individual samples, along with our case numbers, are used to identify the samples in this report. This report of analytical results pertains only to the sample(s) provided to us by the client which are indicated on the custoday record. The case number for this sample submission is V0217-07.

Custody records are included in this report.

Project: Agassiz School, Jamaica Plain, MA

TABLE I, Samples Submitted

Sample ID	Date Sampled	Matrix	Analysis Requested
Atrium Front-New Caulk	2/16/10	Caulk	Table II
Atrium Rear-New Caulk	2/16/10	Caulk	Table II
Atrium Rear-Old Caulk	2/16/10	Caulk	Table II

TABLE II, Analysis and Methods

ANALYSIS	PREPARATION METHOD	DETERMINATIVE METHOD
PCBs	3540C	8082

These methods are documented in:

Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW-846, USEPA/OSW.

CASE NARRATIVE:

Sample Receipt:

No sample for ms/msd/duplicate analysis was supplied. No field blank was supplied. (This does not qualify the analytical results but does prevent conducting these SW-846 {Chapter 1, Section 3.4} QA Audits.)

The samples were all appropriately cooled and preserved upon receipt.

The samples were received in the appropriate containers.

The chain of custody was adequately completed and corresponded to the samples submitted.

PCBs:

The samples were extracted and analyzed within method specified holding times and according to NETLAB's documented standard operating procedures. The results for the associated calibration, method blank and laboratory control sample (LCS) were within method specified quality control criteria.

RESULTS: PCBs

The presence of the NETLAB LOGO in the top right corner of each page in this section indicates:

The Technical Manager of the Organics Analysis Department certifies that the samples included in this section have been prepared and analyzed using the procedures cited and that the results have been reviewed and approved. Any exceptions or qualifications of substance have been reported in the case narrative.

Sample: Atrium Front-New Caulk		
Case No.: V0217-07		
Date Collected: 2/16/10		
Sample Matrix: Caulk		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	2/17/10	2/18/10
Analytical Method: EPA 8082		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aroclor-1221	N.D.	1000
Aroclor-1232	N.D.	1000
Aroclor-1016/1242	N.D.	1000
Aroclor-1248	N.D.	1000
Aroclor-1254	N.D.	1000
Aroclor-1260	N.D.	1000
Aroclor-1262	N.D.	1000
Aroclor-1268	N.D.	1000
Surrogates:		
Compound	% Recovery	Limits
TCMX	76	43-125
DCBP	81	41-127

*Wet Weight Basis

Sample: Atrium Rear-New Caulk		
Case No.: V0217-07		
Date Collected: 2/16/10		
Sample Matrix: Caulk		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	2/17/10	2/18/10
Analytical Method: EPA 8082		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aroclor-1221	N.D.	1000
Aroclor-1232	N.D.	1000
Aroclor-1016/1242	N.D.	1000
Aroclor-1248	N.D.	1000
Aroclor-1254	N.D.	1000
Aroclor-1260	N.D.	1000
Aroclor-1262	N.D.	1000
Aroclor-1268	N.D.	1000
Surrogates:		
Compound	% Recovery	Limits
TCMX	89	43-125
DCBP	93	41-127

*Wet Weight Basis

Sample: Atrium Rear-Old Caulk		
Case No.: V0217-07		
Date Collected: 2/17/10		
Sample Matrix: Caulk		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	2/17/10	2/18/10
Analytical Method: EPA 8082		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aroclor-1221	N.D.	1000
Aroclor-1232	N.D.	1000
Aroclor-1016/1242	N.D.	1000
Aroclor-1248	N.D.	1000
Aroclor-1254	2060	1000
Aroclor-1260	N.D.	1000
Aroclor-1262	N.D.	1000
Aroclor-1268	N.D.	1000
Surrogates:		
Compound	% Recovery	Limits
TCMX	98	43-125
DCBP	102	41-127

*Wet Weight Basis

Sample: Method Blank		
Case No.: V0215-13		
Date Collected: NA		
Sample Matrix: Solid		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	2/17/10	2/18/10
Analytical Method: EPA 8082		
Compound	Concentration ug/kg (ppb)	Reporting Limit
Aroclor-1221	N.D.	1000
Aroclor-1232	N.D.	1000
Aroclor-1016/1242	N.D.	1000
Aroclor-1248	N.D.	1000
Aroclor-1254	N.D.	1000
Aroclor-1260	N.D.	1000
Aroclor-1262	N.D.	1000
Aroclor-1268	N.D.	1000
Surrogates:		
Compound	% Recovery	Limits
TCMX	103	43-125
DCBP	113	41-127

PCB Laboratory Control Spike

Sample Matrix: Soild				
Subject: PCB	Date Extracted			Date Analyzed
Prep Method: EPA 3540C	2/17/10			2/18/10
Analytical Method: EPA 8082				
Compound	Amount Spiked	Result	Recovery %	Recovery Limits
Aroclor 1016	0.500	0.480	96	46-117
Aroclor 1260	0.500	0.470	94	46-117
Surrogates:				
Compound	% Recovery	Limits		
TCMX	89	43-125		
DCBP	98	41-127		

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CHAIN OF CUSTODY RECORD

V0217-07

PROJ. NO.: 000.03187.0024
PROJECT NAME/LOCATION: AGASSIZ SCHOOL / JAMAICA PLAIN, MA
CLIENT: ATC ASSOCIATES
REPORT TO: M GITTEN, J DOBACK
INVOICE TO: MICHAEL GITTEN

DATE	TIME	COMP	GRAB	SAMPLE I.D.	AQUEOUS	SOIL	OTHER	NO. OF CONTAINERS	PRESERVATIVE	TESTS: PCB 8082 w/ soxhlet extraction							REMARKS
2/16/10	1045		/	ATRIUM FRONT - NEW CAULK			/	1	NONE	/							24 HR TAT w/ SOXHLET EXTRACTION
2/16/10	1130		/	ATRIUM REAR - NEW CAULK			/	1	NONE	/							
2/16/10	1430		/	ATRIUM REAR - OLD CAULK			/	1	NONE	/							

Sampled by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	2/16/10 1045 → 1445		
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	2/17/10 1150		
Relinquished by: (Signature)	Date/Time	Received for Laboratory by: (Signature)	Date/Time
			2/17/10 11:50

Laboratory Remarks:
Temp. received: 10°
Cooled ☐

Special Instructions:
List Specific Detection Limit Requirements: 24 HR TAT
SOXHLET EXTRACTION
Turnaround (Business Days) 1 (24 HR)

REPORT OF ANALYTICAL RESULTS

NETLAB Case Number V0215-12

Prepared for:

Attn: Mike Gitten & Jason Roback
ATC Associates, Inc.
600 W. Cummings Park, Suite 5500
Woburn, MA 01801

Report Date: February 22, 2010

Lab # RI010

NEW ENGLAND TESTING LABORATORY, INC.
1254 Douglas Avenue, North Providence, RI 02904
(401) 353-3420

Total # of Pages: 14

ANALYTICAL METHOD REPORT CERTIFICATION FORM

Laboratory Name: New England Testing Laboratory, Inc.	Project #: 060.03187.0024
Project Location: Agassiz School, Jamaica Plain, MA	RTN[1]:
This form provides certifications for the following data set: V0215-12	
Sample Matrices: Groundwater ( ) Soil/Sediment ( ) Drinking Water ( ) Other: Solid	

SW-846 Methods Used					
	8260B ( )	8151A ( )	8330 ( )	6010B ( )	7470A/1A ( )
	8270C ( )	8081A ( )	VPH ( )	6020 ( )	9014M[2] ( )
	8082 (x)	8021B ( )	EPH ( )	7000 S[3] ( )	Other: ( )

1 List Release Tracking Number (RTN), if known
2 M – SW-846 Method 9014 or MADEP Physiologically Available Cyanide (PAC) Method
3 S – SW-846 Methods 7000 Series List individual method and analyte

An affirmative response to questions A, B, and C is required for "Presumptive Certainty" status

A	Were all samples received by the laboratory in a condition consistent with that described on the Chain-of Custody documentation for the data set?	Yes (X) No[1] ( )
B	Were all QA/QC procedures required for the specified analytical method(s) included in this report followed, including the requirement to note and discuss in a narrative QC data that did not meet appropriate performance standards or guidelines?	Yes (X) No[1] ( )
C	Does the analytical data included in this report meet all the requirements for "Presumptive Certainty", as described in Section 2.0 of the MADEP document CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data"?	Yes (X) No[1] ( ) Not Applicable ( )
D	***VPH and EPH Methods only***: Was the VPH and EPH Method conducted without significant modifications (see Section 11.3 of respective Methods)	Yes ( ) No[1] ( )

A response to questions E and F below is required for "Presumptive Certainty" status

E	Were all QC performance standards and recommendations for the specified methods achieved?	Yes (X) No[1] ( )
F	Were results for all analyte-list compounds/elements for the specified method(s) reported?	Yes (X) No[1] ( )

[1]All NO answers must be addressed in an attached Environmental Laboratory case narrative.

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

Signature: _____ Position: Laboratory Director

Printed Name: Richard Warila Date: 2/22/2010

SAMPLES SUBMITTED and REQUEST FOR ANALYSIS:

The samples listed in Table I were submitted to New England Testing Laboratory on February 15, 2010. The group of samples appearing in this report was assigned an internal identification number (case number) for laboratory information management purposes. The client's designations for the individual samples, along with our case numbers, are used to identify the samples in this report. This report of analytical results pertains only to the sample(s) provided to us by the client which are indicated on the custoday record. The case number for this sample submission is V0215-12.

Custody records are included in this report.

Project: Agassiz School, Jamaica Plain, MA

TABLE I, Samples Submitted

Sample ID	Date Sampled	Matrix	Analysis Requested
#21 Stair D	2/1/10	Solid	Table II
#22 Stair B	2/3/10	Solid	Table II
#23 Stair C	2/5/10	Solid	Table II
#24 Stair A	2/8/10	Solid	Table II
#19 Fl 1 Hall @ Rm 101	1/29/10	Solid	Table II
#20 Rm 101	1/29/10	Solid	Table II

TABLE II, Analysis and Methods

ANALYSIS	PREPARATION METHOD	DETERMINATIVE METHOD
PCBs	3540C	8082

These methods are documented in:

Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW-846, USEPA/OSW.

CASE NARRATIVE:

Sample Receipt:

No sample for ms/msd/duplicate analysis was supplied. No field blank was supplied. (This does not qualify the analytical results but does prevent conducting these SW-846 {Chapter 1, Section 3.4} QA Audits.)

The samples were all appropriately cooled and preserved upon receipt.

The samples were received in the appropriate containers.

The chain of custody was adequately completed and corresponded to the samples submitted.

PCBs:

The samples were extracted and analyzed within method specified holding times and according to NETLAB's documented standard operating procedures. The results for the associated calibration, method blank and laboratory control sample (LCS) were within method specified quality control criteria.

RESULTS: PCBs

The presence of the NETLAB LOGO in the top right corner of each page in this section indicates:

The Technical Manager of the Organics Analysis Department certifies that the samples included in this section have been prepared and analyzed using the procedures cited and that the results have been reviewed and approved. Any exceptions or qualifications of substance have been reported in the case narrative.

Sample: #21 Stair D		
Case No.: V0215-12		
Date Collected: 2/1/10		
Sample Matrix: Solid		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	2/17/10	2/18/10
Analytical Method: EPA 8082		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aroclor-1221	N.D.	1000
Aroclor-1232	N.D.	1000
Aroclor-1016/1242	N.D.	1000
Aroclor-1248	N.D.	1000
Aroclor-1254	N.D.	1000
Aroclor-1260	N.D.	1000
Aroclor-1262	N.D.	1000
Aroclor-1268	N.D.	1000
Surrogates:		
Compound	% Recovery	Limits
TCMX	82	43-125
DCBP	113	41-127

*Wet Weight Basis

Sample: #23 Stair C		
Case No.: V0215-12		
Date Collected: 2/5/10		
Sample Matrix: Solid		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	2/17/10	2/18/10
Analytical Method: EPA 8082		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aroclor-1221	N.D.	1000
Aroclor-1232	N.D.	1000
Aroclor-1016/1242	N.D.	1000
Aroclor-1248	N.D.	1000
Aroclor-1254	N.D.	1000
Aroclor-1260	N.D.	1000
Aroclor-1262	N.D.	1000
Aroclor-1268	N.D.	1000
Surrogates:		
Compound	% Recovery	Limits
TCMX	91	43-125
DCBP	108	41-127

*Wet Weight Basis

Sample: #24 Stair A		
Case No.: V0215-12		
Date Collected: 2/8/10		
Sample Matrix: Solid		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	2/17/10	2/18/10
Analytical Method: EPA 8082		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aroclor-1221	N.D.	1000
Aroclor-1232	N.D.	1000
Aroclor-1016/1242	N.D.	1000
Aroclor-1248	N.D.	1000
Aroclor-1254	N.D.	1000
Aroclor-1260	N.D.	1000
Aroclor-1262	N.D.	1000
Aroclor-1268	N.D.	1000
Surrogates:		
Compound	% Recovery	Limits
TCMX	87	43-125
DCBP	102	41-127

*Wet Weight Basis

Sample: #19 Fl 1 Hall @ Rm 101		
Case No.: V0215-12		
Date Collected: 1/29/10		
Sample Matrix: Solid		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	2/17/10	2/18/10
Analytical Method: EPA 8082		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aroclor-1221	N.D.	1000
Aroclor-1232	N.D.	1000
Aroclor-1016/1242	N.D.	1000
Aroclor-1248	N.D.	1000
Aroclor-1254	N.D.	1000
Aroclor-1260	N.D.	1000
Aroclor-1262	N.D.	1000
Aroclor-1268	N.D.	1000
Surrogates:		
Compound	% Recovery	Limits
TCMX	69	43-125
DCBP	89	41-127

*Wet Weight Basis

Sample: #20 Rm 101		
Case No.: V0215-12		
Date Collected: 1/29/10		
Sample Matrix: Solid		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	2/17/10	2/18/10
Analytical Method: EPA 8082		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aroclor-1221	N.D.	1000
Aroclor-1232	N.D.	1000
Aroclor-1016/1242	N.D.	1000
Aroclor-1248	N.D.	1000
Aroclor-1254	N.D.	1000
Aroclor-1260	N.D.	1000
Aroclor-1262	N.D.	1000
Aroclor-1268	N.D.	1000
Surrogates:		
Compound	% Recovery	Limits
TCMX	71	43-125
DCBP	110	41-127

*Wet Weight Basis

Sample: Method Blank		
Case No.: V0215-12		
Date Collected: NA		
Sample Matrix: Solid		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	2/17/10	2/18/10
Analytical Method: EPA 8082		
Compound	Concentration ug/kg (ppb)	Reporting Limit
Aroclor-1221	N.D.	100
Aroclor-1232	N.D.	100
Aroclor-1016/1242	N.D.	100
Aroclor-1248	N.D.	100
Aroclor-1254	N.D.	100
Aroclor-1260	N.D.	100
Aroclor-1262	N.D.	100
Aroclor-1268	N.D.	100
Surrogates:		
Compound	% Recovery	Limits
TCMX	102	43-125
DCBP	114	41-127

PCB Laboratory Control Spike

Sample Matrix: Solid				
Subject: PCB	Date Extracted			Date Analyzed
Prep Method: EPA 3540C	2/17/10			2/18/10
Analytical Method: EPA 8082				
Compound	Amount Spiked	Result	Recovery %	Recovery Limits
Aroclor 1016	0.500	0.517	103	46-117
Aroclor 1260	0.500	0.583	117	46-117
Surrogates:				
Compound	% Recovery	Limits		
TCMX	100	43-125		
DCBP	112	41-127		

NEW ENGLAND TESTING LABORATORY, INC.
1254 Douglas Ave.
North Providence, RI 02904
1-888-863-8522

CHAIN OF CUSTODY RECORD

V0215-12

PROJ. NO.

PROJECT NAME/LOCATION: Agassiz School, Child St., Boston

CLIENT: ATC Associates, Woburn

REPORT TO: M. Gitten, J. Roback

INVOICE TO:

DATE	TIME	COMP	GRAB	SAMPLE I.D.	AQUEOUS	SOIL	OTHER	NO. OF CONTAINERS	PRESERVATIVE	TESTS: PCB 8082 / Soxhlet extr.						REMARKS
2-1	11P		X	#21			X	1	NA	X						Stair D
2-3	11P		X	#22			X	1		X						Stair B
2-5	11P		X	#23			X	1		X						Stair C
2-8	11P		X	#24			X	1		X						Stair A
1-29	930P		X	#19			X	1		X						Fl 1 hall @ Rm 101
1-29	11P		X	#20			X	1		X						Rm 101

Sampled by: (Signature)	Date/Time	Received by: (Signature)	Date/Time	Laboratory Remarks: Temp. received: 4 Cooled	Special Instructions: List Specific Detection Limit Requirements: Results To M. Gitten & J. Roback
M. Puyana					
Relinquished by: (Signature) M. Puyana	Date/Time 2-13 11A	Received by: (Signature)	Date/Time 2/13 12:00		
Relinquished by: (Signature)	Date/Time	Received for Laboratory by: (Signature)	Date/Time		Turnaround (Business Days): Standard

REPORT OF ANALYTICAL RESULTS

NETLAB Case Number V0217-08

Prepared for:

Attn: Mike Gitten & Jason Roback
ATC Associates, Inc.
600 W. Cummings Park, Suite 5500
Woburn, MA 01801

Report Date: February 26, 2010

Lab # RI010

NEW ENGLAND TESTING LABORATORY, INC.
1254 Douglas Avenue, North Providence, RI 02904
(401) 353-3420

Total # of Pages: 22

ANALYTICAL METHOD REPORT CERTIFICATION FORM

Laboratory Name: New England Testing Laboratory, Inc.	Project #: 060.03187.0024
Project Location: Agassiz School/Jamaica Plain, MA	RTN[1]:
This form provides certifications for the following data set: V0217-08	
Sample Matrices: Groundwater ( ) Soil/Sediment ( ) Drinking Water ( ) Other: Solid, Wipe	

SW-846 Methods Used					
	8260B ( )	8151A ( )	8330 ( )	6010B ( )	7470A/1A ( )
	8270C ( )	8081A ( )	VPH ( )	6020 ( )	9014M[2] ( )
	8082 (x)	8021B ( )	EPH ( )	7000 S[3] ( )	Other: ( )

1 List Release Tracking Number (RTN), if known
2 M – SW-846 Method 9014 or MADEP Physiologically Available Cyanide (PAC) Method
3 S – SW-846 Methods 7000 Series List individual method and analyte

An affirmative response to questions A, B, and C is required for "Presumptive Certainty" status

A	Were all samples received by the laboratory in a condition consistent with that described on the Chain-of Custody documentation for the data set?	Yes (X) No[1] ( )
B	Were all QA/QC procedures required for the specified analytical method(s) included in this report followed, including the requirement to note and discuss in a narrative QC data that did not meet appropriate performance standards or guidelines?	Yes (X) No[1] ( )
C	Does the analytical data included in this report meet all the requirements for "Presumptive Certainty", as described in Section 2.0 of the MADEP document CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data"?	Yes (X) No[1] ( ) Not Applicable ( )
D	***VPH and EPH Methods only***: Was the VPH and EPH Method conducted without significant modifications (see Section 11.3 of respective Methods)	Yes ( ) No[1] ( )

A response to questions E and F below is required for "Presumptive Certainty" status

E	Were all QC performance standards and recommendations for the specified methods achieved?	Yes (X) No[1] ( )
F	Were results for all analyte-list compounds/elements for the specified method(s) reported?	Yes (X) No[1] ( )

[1]All NO answers must be addressed in an attached Environmental Laboratory case narrative.

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

Signature: _____ Position: Laboratory Director

Printed Name: Richard Warila Date: 2/26/2010

SAMPLES SUBMITTED and REQUEST FOR ANALYSIS:

The samples listed in Table I were submitted to New England Testing Laboratory on February 17, 2010. The group of samples appearing in this report was assigned an internal identification number (case number) for laboratory information management purposes. The client's designations for the individual samples, along with our case numbers, are used to identify the samples in this report. This report of analytical results pertains only to the sample(s) provided to us by the client which are indicated on the custoday record. The case number for this sample submission is V0217-08.

Custody records are included in this report.

Project: Agassiz School, Jamaica Plain, MA

TABLE I, Samples Submitted

Sample ID	Date Sampled	Matrix	Analysis Requested
Rear Atrium Door Concrete Inner	2/16/10	Solid	Table II
Rear Atrium Door Brick	2/16/10	Solid	Table II
Rear Atrium Door Concrete Mortar	2/16/10	Solid	Table II
Rear Atrium Door Concrete Outer	2/16/10	Solid	Table II
Rear Atrium Door Brick Mortar	2/16/10	Solid	Table II
Front Atrium Door Concrete Mortar	2/17/10	Solid	Table II
Front Atrium Door Brick	2/17/10	Solid	Table II
Front Atrium Door Concrete Inner	2/17/10	Solid	Table II
Front Atrium Door Brick Mortar	2/17/10	Solid	Table II
Front Atrium Door Concrete Outer	2/17/10	Solid	Table II
West Elev. South Door Concrete Inner	2/17/10	Solid	Table II
West Elev South Door Concrete Outer	2/17/10	Solid	Table II
West Elev South Door Insulation	2/17/10	Solid	Table II
Rear Atrium Door Lintel	2/16/10	Wipe	Table II

TABLE II, Analysis and Methods

ANALYSIS	PREPARATION METHOD	DETERMINATIVE METHOD
PCBs	3540C	8082

These methods are documented in:

Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW-846, USEPA/OSW.

CASE NARRATIVE:

Sample Receipt:

No sample for ms/msd/duplicate analysis was supplied. No field blank was supplied. (This does not qualify the analytical results but does prevent conducting these SW-846 {Chapter 1, Section 3.4} QA Audits.)

The samples were all appropriately cooled and preserved upon receipt.

The samples were received in the appropriate containers.

The chain of custody was adequately completed and corresponded to the samples submitted.

PCBs:

The samples were extracted and analyzed within method specified holding times and according to NETLAB's documented standard operating procedures. The results for the associated calibration, method blank and laboratory control sample (LCS) were within method specified quality control criteria.

RESULTS: PCBs

The presence of the NETLAB LOGO in the top right corner of each page in this section indicates:

The Technical Manager of the Organics Analysis Department certifies that the samples included in this section have been prepared and analyzed using the procedures cited and that the results have been reviewed and approved. Any exceptions or qualifications of substance have been reported in the case narrative.

Sample: Rear Atrium Door Concrete Inner		
Case No.: V0217-08		
Date Collected: 2/16/10		
Sample Matrix: Solid		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	2/23/10	2/25/10
Analytical Method: EPA 8082		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aroclor-1221	N.D.	1000
Aroclor-1232	N.D.	1000
Aroclor-1016/1242	N.D.	1000
Aroclor-1248	N.D.	1000
Aroclor-1254	N.D.	1000
Aroclor-1260	N.D.	1000
Aroclor-1262	N.D.	1000
Aroclor-1268	N.D.	1000
Surrogates:		
Compound	% Recovery	Limits
TCMX	108	43-125
DCBP	101	41-127

*Wet Weight Basis

Sample: Rear Atrium Door Brick		
Case No.: V0217-08		
Date Collected: 2/16/10		
Sample Matrix: Solid		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	2/23/10	2/25/10
Analytical Method: EPA 8082		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aroclor-1221	N.D.	1000
Aroclor-1232	N.D.	1000
Aroclor-1016/1242	N.D.	1000
Aroclor-1248	N.D.	1000
Aroclor-1254	N.D.	1000
Aroclor-1260	N.D.	1000
Aroclor-1262	N.D.	1000
Aroclor-1268	N.D.	1000
Surrogates:		
Compound	% Recovery	Limits
TCMX	106	43-125
DCBP	104	41-127

*Wet Weight Basis

Sample: Rear Atrium Door Concrete Mortar		
Case No.: V0217-08		
Date Collected: 2/16/10		
Sample Matrix: Solid		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	2/23/10	2/25/10
Analytical Method: EPA 8082		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aroclor-1221	N.D.	1000
Aroclor-1232	N.D.	1000
Aroclor-1016/1242	N.D.	1000
Aroclor-1248	N.D.	1000
Aroclor-1254	N.D.	1000
Aroclor-1260	N.D.	1000
Aroclor-1262	N.D.	1000
Aroclor-1268	N.D.	1000
Surrogates:		
Compound	% Recovery	Limits
TCMX	97	43-125
DCBP	95	41-127

*Wet Weight Basis

Sample: Rear Atrium Door Concrete Outer		
Case No.: V0217-08		
Date Collected: 2/16/10		
Sample Matrix: Solid		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	2/23/10	2/25/10
Analytical Method: EPA 8082		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aroclor-1221	N.D.	1000
Aroclor-1232	N.D.	1000
Aroclor-1016/1242	N.D.	1000
Aroclor-1248	N.D.	1000
Aroclor-1254	N.D.	1000
Aroclor-1260	N.D.	1000
Aroclor-1262	N.D.	1000
Aroclor-1268	N.D.	1000
Surrogates:		
Compound	% Recovery	Limits
TCMX	96	43-125
DCBP	98	41-127

*Wet Weight Basis

Sample: Rear Atrium Door Brick Mortar		
Case No.: V0217-08		
Date Collected: 2/16/10		
Sample Matrix: Solid		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	2/23/10	2/25/10
Analytical Method: EPA 8082		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aroclor-1221	N.D.	1000
Aroclor-1232	N.D.	1000
Aroclor-1016/1242	N.D.	1000
Aroclor-1248	N.D.	1000
Aroclor-1254	N.D.	1000
Aroclor-1260	N.D.	1000
Aroclor-1262	N.D.	1000
Aroclor-1268	N.D.	1000
Surrogates:		
Compound	% Recovery	Limits
TCMX	95	43-125
DCBP	98	41-127

*Wet Weight Basis

Sample: Front Atrium Door Concrete Mortar		
Case No.: V0217-08		
Date Collected: 2/17/10		
Sample Matrix: Solid		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	2/23/10	2/25/10
Analytical Method: EPA 8082		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aroclor-1221	N.D.	1000
Aroclor-1232	N.D.	1000
Aroclor-1016/1242	N.D.	1000
Aroclor-1248	N.D.	1000
Aroclor-1254	N.D.	1000
Aroclor-1260	N.D.	1000
Aroclor-1262	N.D.	1000
Aroclor-1268	N.D.	1000
Surrogates:		
Compound	% Recovery	Limits
TCMX	96	43-125
DCBP	98	41-127

*Wet Weight Basis

Sample: Front Atrium Door Brick		
Case No.: V0217-08		
Date Collected: 2/17/10		
Sample Matrix: Solid		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	2/23/10	2/25/10
Analytical Method: EPA 8082		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aroclor-1221	N.D.	1000
Aroclor-1232	N.D.	1000
Aroclor-1016/1242	N.D.	1000
Aroclor-1248	N.D.	1000
Aroclor-1254	N.D.	1000
Aroclor-1260	N.D.	1000
Aroclor-1262	N.D.	1000
Aroclor-1268	N.D.	1000
Surrogates:		
Compound	% Recovery	Limits
TCMX	108	43-125
DCBP	107	41-127

*Wet Weight Basis

Sample: Front Atrium Door Concrete Inner		
Case No.: V0217-08		
Date Collected: 2/17/10		
Sample Matrix: Solid		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	2/23/10	2/25/10
Analytical Method: EPA 8082		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aroclor-1221	N.D.	1000
Aroclor-1232	N.D.	1000
Aroclor-1016/1242	N.D.	1000
Aroclor-1248	N.D.	1000
Aroclor-1254	N.D.	1000
Aroclor-1260	N.D.	1000
Aroclor-1262	N.D.	1000
Aroclor-1268	N.D.	1000
Surrogates:		
Compound	% Recovery	Limits
TCMX	105	43-125
DCBP	101	41-127

*Wet Weight Basis

Sample: Front Atrium Door Brick Mortar		
Case No.: V0217-08		
Date Collected: 2/17/10		
Sample Matrix: Solid		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	2/23/10	2/25/10
Analytical Method: EPA 8082		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aroclor-1221	N.D.	1000
Aroclor-1232	N.D.	1000
Aroclor-1016/1242	N.D.	1000
Aroclor-1248	N.D.	1000
Aroclor-1254	N.D.	1000
Aroclor-1260	N.D.	1000
Aroclor-1262	N.D.	1000
Aroclor-1268	N.D.	1000
Surrogates:		
Compound	% Recovery	Limits
TCMX	93	43-125
DCBP	94	41-127

*Wet Weight Basis

Sample: Front Atrium Door Concrete Outer		
Case No.: V0217-08		
Date Collected: 2/17/10		
Sample Matrix: Solid		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	2/23/10	2/25/10
Analytical Method: EPA 8082		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aroclor-1221	N.D.	1000
Aroclor-1232	N.D.	1000
Aroclor-1016/1242	N.D.	1000
Aroclor-1248	N.D.	1000
Aroclor-1254	N.D.	1000
Aroclor-1260	N.D.	1000
Aroclor-1262	N.D.	1000
Aroclor-1268	N.D.	1000
Surrogates:		
Compound	% Recovery	Limits
TCMX	99	43-125
DCBP	99	41-127

*Wet Weight Basis

Sample: West Elev South Door Concrete Inner		
Case No.: V0217-08		
Date Collected: 2/17/10		
Sample Matrix: Solid		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	2/23/10	2/25/10
Analytical Method: EPA 8082		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aroclor-1221	N.D.	1000
Aroclor-1232	N.D.	1000
Aroclor-1016/1242	N.D.	1000
Aroclor-1248	N.D.	1000
Aroclor-1254	N.D.	1000
Aroclor-1260	N.D.	1000
Aroclor-1262	N.D.	1000
Aroclor-1268	N.D.	1000
Surrogates:		
Compound	% Recovery	Limits
TCMX	99	43-125
DCBP	93	41-127

*Wet Weight Basis

Sample: West Elev South Door Concrete Outer		
Case No.: V0217-08		
Date Collected: 2/17/10		
Sample Matrix: Solid		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	2/23/10	2/25/10
Analytical Method: EPA 8082		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aroclor-1221	N.D.	1000
Aroclor-1232	N.D.	1000
Aroclor-1016/1242	N.D.	1000
Aroclor-1248	N.D.	1000
Aroclor-1254	N.D.	1000
Aroclor-1260	N.D.	1000
Aroclor-1262	N.D.	1000
Aroclor-1268	N.D.	1000
Surrogates:		
Compound	% Recovery	Limits
TCMX	98	43-125
DCBP	98	41-127

*Wet Weight Basis

Sample: West Elev South Door Insulation		
Case No.: V0217-08		
Date Collected: 2/17/10		
Sample Matrix: Solid		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	2/23/10	2/25/10
Analytical Method: EPA 8082		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aroclor-1221	N.D.	1000
Aroclor-1232	N.D.	1000
Aroclor-1016/1242	N.D.	1000
Aroclor-1248	N.D.	1000
Aroclor-1254	N.D.	1000
Aroclor-1260	N.D.	1000
Aroclor-1262	N.D.	1000
Aroclor-1268	N.D.	1000
Surrogates:		
Compound	% Recovery	Limits
TCMX	89	43-125
DCBP	81	41-127

*Wet Weight Basis

Sample: Rear Atrium Door Lintel		
Case No.: V0217-08		
Date Collected: 2/16/10		
Sample Matrix: Wipe		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	2/23/10	2/25/10
Analytical Method: EPA 8082		
Compound	Concentration ng/100cm^2	Reporting Limit
Aroclor-1221	N.D.	450
Aroclor-1232	N.D.	450
Aroclor-1016/1242	N.D.	450
Aroclor-1248	N.D.	450
Aroclor-1254	N.D.	450
Aroclor-1260	N.D.	450
Aroclor-1262	N.D.	450
Aroclor-1268	N.D.	450
Surrogates:		
Compound	% Recovery	Limits
TCMX	105	43-125
DCBP	97	41-127

*Wet Weight Basis

Sample: Method Blank		
Case No.: V0217-08		
Date Collected: NA		
Sample Matrix: Solid		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	2/23/10	2/25/10
Analytical Method: EPA 8082		
Compound	Concentration ug/kg (ppb)	Reporting Limit
Aroclor-1221	N.D.	1000
Aroclor-1232	N.D.	1000
Aroclor-1016/1242	N.D.	1000
Aroclor-1248	N.D.	1000
Aroclor-1254	N.D.	1000
Aroclor-1260	N.D.	1000
Aroclor-1262	N.D.	1000
Aroclor-1268	N.D.	1000
Surrogates:		
Compound	% Recovery	Limits
TCMX	88	43-125
DCBP	102	41-127

PCB Laboratory Control Spike

Sample Matrix: Solid				
Subject: PCB	Date Extracted			Date Analyzed
Prep Method: EPA 3540C	2/23/10			2/24/10
Analytical Method: EPA 8082				
Compound	Amount Spiked	Result	Recovery %	Recovery Limits
Aroclor 1016	0.500	0.449	90	46-117
Aroclor 1260	0.500	0.471	94	46-117
Surrogates:				
Compound	% Recovery	Limits		
TCMX	84	43-125		
DCBP	97	41-127		

NEW ENGLAND TESTING LABORATORY, INC.
1254 Douglas Ave.
North Providence, RI 02904
1-888-863-8522

CHAIN OF CUSTODY RECORD

V0217-08

PROJ. NO.: 060.03187.0024
PROJECT NAME/LOCATION: AGASSIZ SCHOOL / JAMAICA PLAIN, MA
CLIENT: ATC ASSOCIATES
REPORT TO: M GITTEN, J ROBACK
INVOICE TO: MICHAEL GITTEN

DATE	TIME	COMP	GRAB	SAMPLE I.D.	AQUEOUS	SOIL	OTHER	NO. OF CONTAINERS	PRESERVATIVE	TESTS: PCB 8082 w/ SOXHELET EXTRACTION						REMARKS
2/16/10	1050		/	REAR ATRIUM DOOR CONCRETE INNER			/	1	NONE	/						
2/16/10	1015		/	REAR ATRIUM DOOR BRICK			/	1	NONE	/						
2/16/10	1035		/	REAR ATRIUM DOOR CONCRETE MORTAR			/	1	NONE	/						
2/16/10	1030		/	REAR ATRIUM DOOR CONCRETE OUTER			/	1	NONE	/						
2/16/10	1035		/	REAR ATRIUM DOOR BRICK MORTAR			/	1	NONE	/						
2/17/10	0900		/	FRONT ATRIUM DOOR CONCRETE MORTAR			/	1	NONE	/						
2/17/10	0905		/	FRONT ATRIUM DOOR BRICK			/	1	NONE	/						
2/17/10	0910		/	FRONT ATRIUM DOOR CONCRETE INNER			/	1		/						
2/17/10	0915		/	FRONT ATRIUM DOOR BRICK MORTAR			/	1		/						
2/17/10	0920		/	FRONT ATRIUM DOOR CONCRETE OUTER			/	1		/						
2/17/10	0930		/	WEST ELEV - SOUTH DOOR CONCRETE INNER			/	1		/						
2/17/10	0935		/	WEST ELEV - SOUTH DOOR CONCRETE OUTER			/	1		/						
✓ 2/17/10	0940		/	WEST ELEV - SOUTH DOOR INSULATION			/	1		/						← WIPE SAMPLE
✓ 2/16/10	1445		/	REAR ATRIUM DOOR LENTIL			/	1	HEXANE	/						

Sampled by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
[signature]	2/16 → 0900 2/17/10 → 1445		
Relinquished by: (Signature)	**Date/Time**	**Received by: (Signature)**	**Date/Time**
[signature]	2/17/10 1208		
Relinquished by: (Signature)	**Date/Time**	**Received for Laboratory by: (Signature)**	**Date/Time**
		[signature]	2/17/10 1208

Laboratory Remarks:
Temp. received: 10°
Cooled ☐

Special Instructions:
List Specific Detection Limit Requirements:
SOXHELET EXTRACTION

Turnaround (Business Days) STANDARD

REPORT OF ANALYTICAL RESULTS

NETLAB Case Number V0218-19

Prepared for:

Attn: Mike Gitten & Jason Roback
ATC Associates, Inc.
600 W. Cummings Park, Suite 5500
Woburn, MA 01801

Report Date: February 26, 2010

Lab # RI010

NEW ENGLAND TESTING LABORATORY, INC.
1254 Douglas Avenue, North Providence, RI 02904
(401) 353-3420

Total # of Pages: 15

ANALYTICAL METHOD REPORT CERTIFICATION FORM

Laboratory Name: New England Testing Laboratory, Inc.	Project #: 060.03187.0024
Project Location: Agassiz School/Jamaica Plain, MA	RTN[1]:
This form provides certifications for the following data set: V0218-19	
Sample Matrices: Groundwater ( ) Soil/Sediment ( ) Drinking Water ( ) Other: Solid	

SW-846 Methods Used					
	8260B ( )	8151A ( )	8330 ( )	6010B ( )	7470A/1A ( )
	8270C ( )	8081A ( )	VPH ( )	6020 ( )	9014M[2] ( )
	8082 (x)	8021B ( )	EPH ( )	7000 S[3] ( )	Other: ( )

1 List Release Tracking Number (RTN), if known
2 M – SW-846 Method 9014 or MADEP Physiologically Available Cyanide (PAC) Method
3 S – SW-846 Methods 7000 Series List individual method and analyte

An affirmative response to questions A, B, and C is required for "Presumptive Certainty" status

A	Were all samples received by the laboratory in a condition consistent with that described on the Chain-of Custody documentation for the data set?	Yes (X) No[1] ( )
B	Were all QA/QC procedures required for the specified analytical method(s) included in this report followed, including the requirement to note and discuss in a narrative QC data that did not meet appropriate performance standards or guidelines?	Yes (X) No[1] ( )
C	Does the analytical data included in this report meet all the requirements for "Presumptive Certainty", as described in Section 2.0 of the MADEP document CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data"?	Yes (X) No[1] ( ) Not Applicable ( )
D	***VPH and EPH Methods only***: Was the VPH and EPH Method conducted without significant modifications (see Section 11.3 of respective Methods)	Yes ( ) No[1] ( )

A response to questions E and F below is required for "Presumptive Certainty" status

E	Were all QC performance standards and recommendations for the specified methods achieved?	Yes (X) No[1] ( )
F	Were results for all analyte-list compounds/elements for the specified method(s) reported?	Yes (X) No[1] ( )

[1]All NO answers must be addressed in an attached Environmental Laboratory case narrative.

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

Signature: _____ Position: Laboratory Director

Printed Name: Richard Warila Date: 2/26/2010

SAMPLES SUBMITTED and REQUEST FOR ANALYSIS:

The samples listed in Table I were submitted to New England Testing Laboratory on February 18, 2010. The group of samples appearing in this report was assigned an internal identification number (case number) for laboratory information management purposes. The client's designations for the individual samples, along with our case numbers, are used to identify the samples in this report. This report of analytical results pertains only to the sample(s) provided to us by the client which are indicated on the custoday record. The case number for this sample submission is V0218-19.

Custody records are included in this report.

Project: Agassiz School, Jamaica Plain, MA

TABLE I, Samples Submitted

Sample ID	Date Sampled	Matrix	Analysis Requested
West Elevation North Outer ½" Concrete	2/17/10	Solid	Table II
West Elevation North Gray Caulk @ Bottom	2/17/10	Solid	Table II
Stair B-Roof Door-Threshold	2/18/10	Solid	Table II
Stair C-Roof Door-Threshold	2/18/10	Solid	Table II
Stair C-Roof Door-Lintel	2/18/10	Solid	Table II
Stair B-Roof Door-Ext. Lintel	2/18/10	Solid	Table II
Stair D-Roof Door-Lintel	2/18/10	Solid	Table II

TABLE II, Analysis and Methods

ANALYSIS	PREPARATION METHOD	DETERMINATIVE METHOD
PCBs	3540C	8082

These methods are documented in:

Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW-846, USEPA/OSW.

CASE NARRATIVE:

Sample Receipt:

No sample for ms/msd/duplicate analysis was supplied. No field blank was supplied. (This does not qualify the analytical results but does prevent conducting these SW-846 {Chapter 1, Section 3.4} QA Audits.)

The samples were all appropriately cooled and preserved upon receipt.

The samples were received in the appropriate containers.

The chain of custody was adequately completed and corresponded to the samples submitted.

PCBs:

The samples were extracted and analyzed within method specified holding times and according to NETLAB's documented standard operating procedures. The results for the associated calibration, method blank and laboratory control sample (LCS) were within method specified quality control criteria.

RESULTS: PCBs

The presence of the NETLAB LOGO in the top right corner of each page in this section indicates:

The Technical Manager of the Organics Analysis Department certifies that the samples included in this section have been prepared and analyzed using the procedures cited and that the results have been reviewed and approved. Any exceptions or qualifications of substance have been reported in the case narrative.

Sample: West Elevation North Door Outer ½" Concrete		
Case No.: V0218-19		
Date Collected: 2/17/10		
Sample Matrix: Solid		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	2/24/10	2/25/10
Analytical Method: EPA 8082		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aroclor-1221	N.D.	1000
Aroclor-1232	N.D.	1000
Aroclor-1016/1242	N.D.	1000
Aroclor-1248	N.D.	1000
Aroclor-1254	N.D.	1000
Aroclor-1260	N.D.	1000
Aroclor-1262	N.D.	1000
Aroclor-1268	N.D.	1000
Surrogates:		
Compound	% Recovery	Limits
TCMX	100	43-125
DCBP	93	41-127

*Wet Weight Basis

Sample: West Elevation North Door Gray Caulk @ Bottom		
Case No.: V0218-19		
Date Collected: 2/17/10		
Sample Matrix: Solid		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	2/24/10	2/25/10
Analytical Method: EPA 8082		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aroclor-1221	N.D.	1000
Aroclor-1232	N.D.	1000
Aroclor-1016/1242	N.D.	1000
Aroclor-1248	N.D.	1000
Aroclor-1254	N.D.	1000
Aroclor-1260	N.D.	1000
Aroclor-1262	N.D.	1000
Aroclor-1268	N.D.	1000
Surrogates:		
Compound	% Recovery	Limits
TCMX	83	43-125
DCBP	88	41-127

Sample: Stair B-Roof Door-Threshold		
Case No.: V0218-19		
Date Collected: 2/18/10		
Sample Matrix: Solid		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	2/24/10	2/25/10
Analytical Method: EPA 8082		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aroclor-1221	N.D.	1000
Aroclor-1232	N.D.	1000
Aroclor-1016/1242	N.D.	1000
Aroclor-1248	N.D.	1000
Aroclor-1254	N.D.	1000
Aroclor-1260	N.D.	1000
Aroclor-1262	N.D.	1000
Aroclor-1268	N.D.	1000
Surrogates:		
Compound	% Recovery	Limits
TCMX	83	43-125
DCBP	79	41-127

Sample: Stair C-Roof Door-Threshold		
Case No.: V0218-19		
Date Collected: 2/18/10		
Sample Matrix: Solid		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	2/24/10	2/25/10
Analytical Method: EPA 8082		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aroclor-1221	N.D.	1000
Aroclor-1232	N.D.	1000
Aroclor-1016/1242	N.D.	1000
Aroclor-1248	N.D.	1000
Aroclor-1254	N.D.	1000
Aroclor-1260	N.D.	1000
Aroclor-1262	N.D.	1000
Aroclor-1268	N.D.	1000
Surrogates:		
Compound	% Recovery	Limits
TCMX	84	43-125
DCBP	94	41-127

Sample: Stair C-Roof Door-Lintel		
Case No.: V0218-19		
Date Collected: 2/18/10		
Sample Matrix: Solid		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	2/24/10	2/25/10
Analytical Method: EPA 8082		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aroclor-1221	N.D.	1000
Aroclor-1232	N.D.	1000
Aroclor-1016/1242	N.D.	1000
Aroclor-1248	N.D.	1000
Aroclor-1254	N.D.	1000
Aroclor-1260	N.D.	1000
Aroclor-1262	N.D.	1000
Aroclor-1268	N.D.	1000
Surrogates:		
Compound	% Recovery	Limits
TCMX	91	43-125
DCBP	85	41-127

Sample: Stair B-Roof Door-Ext. Lintel		
Case No.: V0218-19		
Date Collected: 2/18/10		
Sample Matrix: Solid		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	2/24/10	2/25/10
Analytical Method: EPA 8082		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aroclor-1221	N.D.	1000
Aroclor-1232	N.D.	1000
Aroclor-1016/1242	N.D.	1000
Aroclor-1248	N.D.	1000
Aroclor-1254	N.D.	1000
Aroclor-1260	N.D.	1000
Aroclor-1262	N.D.	1000
Aroclor-1268	N.D.	1000
Surrogates:		
Compound	% Recovery	Limits
TCMX	89	43-125
DCBP	105	41-127

Sample: Stair D-Roof Door-Lintel		
Case No.: V0218-19		
Date Collected: 2/18/10		
Sample Matrix: Solid		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	2/24/10	2/25/10
Analytical Method: EPA 8082		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aroclor-1221	N.D.	1000
Aroclor-1232	N.D.	1000
Aroclor-1016/1242	N.D.	1000
Aroclor-1248	N.D.	1000
Aroclor-1254	N.D.	1000
Aroclor-1260	N.D.	1000
Aroclor-1262	N.D.	1000
Aroclor-1268	N.D.	1000
Surrogates:		
Compound	% Recovery	Limits
TCMX	94	43-125
DCBP	90	41-127

*Wet Weight Basis

Sample: Method Blank		
Case No.: V0218-19		
Date Collected: NA		
Sample Matrix: Solid		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	2/24/10	2/25/10
Analytical Method: EPA 8082		
Compound	Concentration ug/kg (ppb)	Reporting Limit
Aroclor-1221	N.D.	1000
Aroclor-1232	N.D.	1000
Aroclor-1016/1242	N.D.	1000
Aroclor-1248	N.D.	1000
Aroclor-1254	N.D.	1000
Aroclor-1260	N.D.	1000
Aroclor-1262	N.D.	1000
Aroclor-1268	N.D.	1000
Surrogates:		
Compound	% Recovery	Limits
TCMX	110	43-125
DCBP	101	41-127

PCB Laboratory Control Spike

Sample Matrix: Solid				
Subject: PCB	Date Extracted			Date Analyzed
Prep Method: EPA 3540C	2/24/10			2/25/10
Analytical Method: EPA 8082				
Compound	Amount Spiked	Result	Recovery %	Recovery Limits
Aroclor 1016	0.500	0.479	96	46-117
Aroclor 1260	0.500	0.510	102	46-117
Surrogates:				
Compound	% Recovery	Limits		
TCMX	115	43-125		
DCBP	96	41-127		

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1254 Douglas Ave.
North Providence, RI 02904
1-888-863-8522

V0218.19

CHAIN OF CUSTODY RECORD

PROJ. NO.: 060.08187.0024
PROJECT NAME/LOCATION: AGASSIZ SCHOOL / JAMAICA PLAIN, MA
CLIENT: ATC ASSOCIATES INC.
REPORT TO: J. ROBACK + M. GITTEN
INVOICE TO: J. ROBACK

DATE	TIME	COMP	GRAB	SAMPLE I.D.	AQUEOUS	SOIL	OTHER	NO. OF CONTAINERS	PRESERVATIVE	TESTS: PCB 4050 w/ SONHEXT EXTRACTION						REMARKS
2/17/10	1:00 PM		X	WEST ELEVATION NORTH DOOR OUTER 1/2" CONCRETE			X	1	—	X						
2/17/10	1:05 PM		X	WEST ELEVATION NORTH DOOR GRAY CAULK @ BOTTOM			X	1	—	X						
2/18/10	1030		X	STAIR B - ROOF DOOR - THRESHOLD			X	1	—	X						
2/18/10	1040		X	STAIR C - ROOF DOOR THRESHOLD			X	1	—	X						
2/18/10	1050		X	STAIR C - ROOF DOOR - LENTIL			X	1	—	X						
2/18/10	1100		X	STAIR B - ROOF DOOR - EXT LENTIL			X	1	—	X						
[redacted]																
[redacted]																
[redacted]																
2/18/10	1125		X	STAIR D - ROOF DOOR - LENTIL			X	1	—	X						

Sampler by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
[signature]	2/18/10 10:00 AM	[signature]	2/18/10 1210
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
[signature]	2/18/10 1335	[signature]	2/18/10 1:30
Relinquished by: (Signature)	Date/Time	Received for Laboratory by: (Signature)	Date/Time
Robert Lee	2/18/10 3:10	[signature]	2/18/10 1510

Laboratory Remarks:
Temp. received: 4
Cooled ✓

Special Instructions:
List Specific Detection Limit Requirements:

Turnaround (Business Days)

REPORT OF ANALYTICAL RESULTS

NETLAB Case Number V0422-37

Prepared for:

Attn: Michael Gitten & Jason Roback
ATC Associates, Inc.
600 W. Cummings Park, Suite 5500
Woburn, MA 01801

Report Date: April 28, 2010

Lab # RI010

NEW ENGLAND TESTING LABORATORY, INC.
1254 Douglas Avenue, North Providence, RI 02904
(401) 353-3420

Total # of Pages: 9

ANALYTICAL METHOD REPORT CERTIFICATION FORM

Laboratory Name: New England Testing Laboratory, Inc.	Project #:
Project Location:	RTN[1]:

This form provides certifications for the following data set: V0422-37

Sample Matrices: Groundwater ( ) Soil/Sediment ( ) Drinking Water ( ) Other: Soild

SW-846 Methods Used					
	8260B ( )	8151A ( )	8330 ( )	6010B ( )	7470A/1A ( )
	8270C ( )	8081A ( )	VPH ( )	6020 ( )	9014M[2] ( )
	8082 (x)	8021B ( )	EPH ( )	7000 S[3] ( )	Other: ( )

1 List Release Tracking Number (RTN), if known
2 M – SW-846 Method 9014 or MADEP Physiologically Available Cyanide (PAC) Method
3 S – SW-846 Methods 7000 Series List individual method and analyte

An affirmative response to questions A, B, and C is required for "Presumptive Certainty" status

A	Were all samples received by the laboratory in a condition consistent with that described on the Chain-of Custody documentation for the data set?	Yes (X) No[1] ( )
B	Were all QA/QC procedures required for the specified analytical method(s) included in this report followed, including the requirement to note and discuss in a narrative QC data that did not meet appropriate performance standards or guidelines?	Yes (X) No[1] ( )
C	Does the analytical data included in this report meet all the requirements for "Presumptive Certainty", as described in Section 2.0 of the MADEP document CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data"?	Yes (X) No[1] ( ) Not Applicable ( )
D	***VPH and EPH Methods only***: Was the VPH and EPH Method conducted without significant modifications (see Section 11.3 of respective Methods)	Yes ( ) No[1] ( )

A response to questions E and F below is required for "Presumptive Certainty" status

E	Were all QC performance standards and recommendations for the specified methods achieved?	Yes (X) No[1] ( )
F	Were results for all analyte-list compounds/elements for the specified method(s) reported?	Yes (X) No[1] ( )

[1]All NO answers must be addressed in an attached Environmental Laboratory case narrative.

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

Signature: _____ Position: Laboratory Director

Printed Name: Richard Warila Date: 4/28/2010

SAMPLES SUBMITTED and REQUEST FOR ANALYSIS:

The samples listed in Table I were submitted to New England Testing Laboratory on April 22, 2010. The group of samples appearing in this report was assigned an internal identification number (case number) for laboratory information management purposes. The client's designations for the individual samples, along with our case numbers, are used to identify the samples in this report. This report of analytical results pertains only to the sample(s) provided to us by the client which are indicated on the custoday record. The case number for this sample submission is V0422-37.

Custody records are included in this report.

TABLE I, Samples Submitted

Sample ID	Date Sampled	Matrix	Analysis Requested
NW Elevation Ground	4/22/10	Solid	Table II

TABLE II, Analysis and Methods

ANALYSIS	PREPARATION METHOD	DETERMINATIVE METHOD
PCBs	3540C	8082

These methods are documented in:

Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW-846, USEPA/OSW.

CASE NARRATIVE:

Sample Receipt:

No sample for ms/msd/duplicate analysis was supplied. No field blank was supplied. (This does not qualify the analytical results but does prevent conducting these SW-846 {Chapter 1, Section 3.4} QA Audits.)

The samples were all appropriately cooled and preserved upon receipt.

The samples were received in the appropriate containers.

The chain of custody was adequately completed and corresponded to the samples submitted.

PCBs:

The samples were extracted and analyzed within method specified holding times and according to NETLAB's documented standard operating procedures. The results for the associated calibration, method blank and laboratory control sample (LCS) were within method specified quality control criteria.

RESULTS: PCBs

The presence of the NETLAB LOGO in the top right corner of each page in this section indicates:

The Technical Manager of the Organics Analysis Department certifies that the samples included in this section have been prepared and analyzed using the procedures cited and that the results have been reviewed and approved. Any exceptions or qualifications of substance have been reported in the case narrative.

Sample: #22 Stair B		
Case No.: V0215-12		
Date Collected: 2/3/10		
Sample Matrix: Solid		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	2/17/10	2/18/10
Analytical Method: EPA 8082		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aroclor-1221	N.D.	1000
Aroclor-1232	N.D.	1000
Aroclor-1016/1242	N.D.	1000
Aroclor-1248	N.D.	1000
Aroclor-1254	N.D.	1000
Aroclor-1260	N.D.	1000
Aroclor-1262	N.D.	1000
Aroclor-1268	N.D.	1000
Surrogates:		
Compound	% Recovery	Limits
TCMX	91	43-125
DCBP	115	41-127

*Wet Weight Basis

Sample: NW Elevation Ground		
Case No.: V0422-37		
Date Collected: 4/22/10		
Sample Matrix: Solid		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	4/22/10	4/23/10
Analytical Method: EPA 8082		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aroclor-1221	N.D.	1000
Aroclor-1232	N.D.	1000
Aroclor-1016/1242	N.D.	1000
Aroclor-1248	N.D.	1000
Aroclor-1254	N.D.	1000
Aroclor-1260	N.D.	1000
Aroclor-1262	N.D.	1000
Aroclor-1268	N.D.	1000
Surrogates:		
Compound	% Recovery	Limits
TCMX	73	43-125
DCBP	85	41-127

*Wet Weight Basis

Sample: Method Blank		
Case No.: V0422-37		
Date Collected: NA		
Sample Matrix: Solid		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3540C	4/22/10	4/23/10
Analytical Method: EPA 8082		
Compound	Concentration ug/kg (ppb)	Reporting Limit
Aroclor-1221	N.D.	1000
Aroclor-1232	N.D.	1000
Aroclor-1016/1242	N.D.	1000
Aroclor-1248	N.D.	1000
Aroclor-1254	N.D.	1000
Aroclor-1260	N.D.	1000
Aroclor-1262	N.D.	1000
Aroclor-1268	N.D.	1000
Surrogates:		
Compound	% Recovery	Limits
TCMX	84	43-125
DCBP	71	41-127

PCB Laboratory Control Spike

Sample Matrix: Solid				
Subject: PCB	Date Extracted			Date Analyzed
Prep Method: EPA 3540c	4/22/10			4/23/10
Analytical Method: EPA 8082				
Compound	Amount Spiked mg/kg	Result mg/kg	Recovery %	Recovery Limits
Aroclor 1016	0.500	0.552	110	46-130
Aroclor 1260	0.500	0.345	69	55-130
Surrogates:				
Compound	% Recovery	Limits		
TCMX	68	43-125		
DCBP	58	41-127		

NEW ENGLAND TESTING LABORATORY, INC.
1254 Douglas Avenue
North Providence, RI 02904
1-888-863-8522

CHAIN OF CUSTODY RECORD

V0922-37

PROJ. NO.

PROJECT NAME/LOCATION

CLIENT: ATC Woburn

REPORT TO:

INVOICE TO:

DATE	TIME	COMP	GRAB	SAMPLE I.D.	AQUEOUS	SOIL	OTHER	NO. OF CONTAINERS	PRESERVATIVE	TESTS** PCB - Soxlet						REMARKS
4/22				NW Elevation Ground			X									

Sampled by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
[signature]	4-20 ~~[illegible]~~ 11A		
Relinquished by: (Signature)	**Date/Time**	**Received by: (Signature)**	**Date/Time**
[signature]	4-22 345P		
Relinquished by: (Signature)	**Date/Time**	**Received for Laboratory by: (Signature)**	**Date/Time**
		[signature]	4/22/10 15:45

Laboratory Remarks:
Temp. received: ____
Cooled ☐

Special Instructions:
List Specific Detection Limit Requirements:
Mike Gitten + Jay Roteck

Turnaround (Business Days) Std.

**Netlab Subcontracts the following tests: Radiologicals, Radon, Asbestos, UCMRs, Perchlorate, Bromate, Bromide, Sieve, Salmonella, Carbamates

Please Reply To:

AmeriSci Boston
8 SCHOOL ST.
WEYMOUTH, MA 02189
TEL: (781) 337-9334 • FAX: (781) 337-7642

FACSIMILE TELECOPY TRANSMISSION

To: M. Puyana
ATC Associates Inc., Woburn
Fax #:
Email:

From: Ivan H Reyes
AmeriSci Job #: 510021203
Subject: PLM 3 day Results
Client Project: 60.03187.0024; Agassiz School; J.P

Date: Friday, February 19, 2010
Time: 02:22:36
Comments:

Number of Pages: 5
(including cover sheet)

CONFIDENTIALITY NOTICE: Unless otherwise indicated, the information contained in this communication is confidential information intended for use of the individual named above. If the reader of this communication is not the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is prohibited. If you have received this communication in error, please immediately notify the sender by telephone and return the original message to the above address via the US Postal Service at our expense. Preliminary data reported here will be verified before final report is issued. Samples are disposed of in 60 days or unless otherwise instructed by the protocol or special instructions in writing. Thank you.

AmeriSci Boston
8 SCHOOL ST.
WEYMOUTH, MA 02189
TEL: (781) 337-9334 • FAX: (781) 337-7642

PLM Bulk Asbestos Report

ATC Associates Inc., Woburn
Attn: M. Puyana
600 West Cummings Park
5th Floor Suite 5500
Woburn, MA 01801

Date Received 02/18/10
Date Examined 02/18/10

AmeriSci Job # 510021203
P.O. #

RE: 60.03187.0024; Agassiz School; J.P

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
1A 1	510021203-01 **Location:** Stair D Roof Door	***Yes***	5 % (by CVES) by Ivan H Reyes on 02/18/10
Analyst Description: Black, Homogeneous, Fibrous, Caulk On Door **Asbestos Types:** Chrysotile 5.0 % **Other Material:** Cellulose Trace, Non-fibrous 95 %			
1B 1	510021203-02 **Location:** Stair D Roof Door		NA/PS
Analyst Description: Caulk On Door **Asbestos Types:** **Other Material:**			
2A 2	510021203-03 **Location:** Stair B Roof Door	***No***	NAD (by CVES) by Ivan H Reyes on 02/18/10
Analyst Description: White, Homogeneous, Non-Fibrous, Lintel Caulk On Outer Face **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
2B 2	510021203-04 **Location:** Stair B Roof Door	***No***	NAD (by CVES) by Ivan H Reyes on 02/18/10
Analyst Description: White, Homogeneous, Non-Fibrous, Lintel Caulk On Outer Face **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
3A 3	510021203-05 **Location:** Stair D Roof Door	***Yes***	10 % (by CVES) by Ivan H Reyes on 02/18/10
Analyst Description: Black, Homogeneous, Fibrous, Threshold Caulk **Asbestos Types:** Chrysotile 10.0 % **Other Material:** Cellulose 3 %, Non-fibrous 87 %			

See Reporting notes on last page

PLM Bulk Asbestos Report

60.03187.0024; Agassiz School; J.P

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
3B 3	510021203-06 **Location:** Stair C Roof Door **Analyst Description:** Threshold Caulk **Asbestos Types:** **Other Material:**		NA/PS
4A 4	510021203-07 **Location:** Stair B Roof Door **Analyst Description:** Grey, Homogeneous, Fibrous, Lintel Caulk **Asbestos Types:** **Other Material:** Fibrous glass Trace, Non-fibrous 100 %	***No***	NAD (by CVES) by Ivan H Reyes on 02/18/10
4B 4	510021203-08 **Location:** Stair D Roof Door **Analyst Description:** Grey, Homogeneous, Fibrous, Lintel Caulk **Asbestos Types:** **Other Material:** Fibrous glass Trace, Non-fibrous 100 %	***No***	NAD (by CVES) by Ivan H Reyes on 02/18/10
5A 5	510021203-09 **Location:** Stair C Roof Door **Analyst Description:** Off-White, Homogeneous, Fibrous, Lintel Caulk **Asbestos Types:** **Other Material:** Fibrous glass Trace, Non-fibrous 100 %	***No***	NAD (by CVES) by Ivan H Reyes on 02/18/10
5B 5	510021203-10 **Location:** Stair C Roof Door **Analyst Description:** Off-White, Homogeneous, Fibrous, Lintel Caulk **Asbestos Types:** **Other Material:** Fibrous glass Trace, Non-fibrous 100 %	***No***	NAD (by CVES) by Ivan H Reyes on 02/18/10

See Reporting notes on last page

PLM Bulk Asbestos Report

60.03187.0024; Agassiz School; J.P

Reporting Notes:

Analyzed by: Ivan H Reyes Ivan Reyes; Date Analyzed: 2/18/10

NAD = no asbestos detected; CVES = Calibrated Visual Estimate; NA = not analyzed; NA/PS = not analyzed / positive stop; "Present" or NVA = "No Visible Asbestos" are observations made during a qualitative analysis; PLM Bulk Asbestos Analysis by EPA 600/M4-82-020 per 40 CFR 763 (NVLAP Lab #102079-0) or NY ELAP PLM Analysis Protocol 198.1 for New York friable samples (198.6 for NOB samples) (NY ELAP Lab # 10982); Note: PLM is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. NAD or Trace results by PLM are inconclusive, TEM is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos-containing in New York State (also see EPA Advisory for floor tile, FR 59, 146, 38970, 8/1/94). NIST Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the laboratory. This PLM report relates ONLY to the items tested.

Reviewed By:_____

Relinquished By: Mik Ruyana Date/Time: 2-18-10

Received By: Date/Time:

Relinquished By: Date/Time:

Received By: Date/Time: 2/18/10 1500

AMERISCI
WWW.AMERISCI.COM

BULK CHAIN OF CUSTODY

AMERISCI BOSTON
8 SCHOOL STREET
WEYMOUTH, MA 02189
TOLL FREE: (888) 724-5221
PHONE: (781) 337-9334
FAX: (781) 337-7642

Company: ATC Associates

Street Address:

City: Woburn State: Zip:

Phone: 781 904 1439 Fax:

Cell: 401 640 2080 Fax:

E-mail [redacted] Verbal Results: (Y) N

Results to: M. Ruyana & M. Gitten

Special Instructions or Comments: email Phone

Project: Agassiz School AMERISCI #:

Proj Mgr: M. Gitten Proj #: 60.03187.0024

Proj Address: J. P. Proj State:

Analysis: X PLM; X Positive Stop; __ TEM; __ NY ELAP PLM/TEM w/ NOB Pre

ASTM Dust __ (Microvac) __ (Wipe); __ Qualitative; __ Other (describe in commen

Turnaround Time: 72 hours Material Type: __ Bulk __ Dust __ Wa

Sampled By: M. Ruyana Date Sampled:

51002120 3

Lab ID	Field ID	Location	Sample Description (dust area)	Homogenous Ar
1	1A	STAIR D roof door	black caulk on door	
2	1B	↓	↓	
3	2A	STAIR B roof door	white lintel caulk -	
4	2B	↓	outer face	
5	3A	STAIR D roof door	black threshold caulk	
6	3B	STAIR C ↓	↓	
7	4A	STAIR B roof door	grey lintel caulk	
8	4B	STAIR D ↓	↓	
9	5A	STAIR C roof door	white lintel caulk -	
10	5B	↓	recessed surface	
		STAIR C STAIR B		
			COLLECTED FROM DOOR LINTEL	
		CORRECTED 7/13/10		

Appendix C

Waste Disposal Documentation

006173285JJK

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: MP6 176 358 198
2. Page 1 of 1
3. Emergency Response Phone: (800) 535-5053
4. Manifest Tracking Number: 006173285 JJK

5. Generator's Name and Mailing Address: AGGASIZ SCHOOL
26 COURT STREET, 10TH FLOOR
BOSTON, MA 02108
ATTENTION Leo Murphy
Generator's Phone: (617) 839-7546

Generator's Site Address (if different than mailing address): AGGASIZ SCHOOL
20 CHILD STREET
JAMAICA PLAIN, MA 02130

6. Transporter 1 Company Name: EQ NORTHEAST, INC.
U.S. EPA ID Number: MAD 084 814 136

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address: WAYNE DISPOSAL, INC SITE 2 LANDFILL
49350 N I-94 SERVICE DRIVE
BELLEVILLE, MI 48111
Facility's Phone: (800) 592-5489
U.S. EPA ID Number: MID 048 090 633

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ, UN3432, Polychlorinated biphenyls, solid, mixture, 9, PGII, (PCB1, MA02) ERG #171	01	CM	20,000	K	PCB1	MA02	
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1. A105104WDI / (S) PCB DEBRIS / STORAGE START DATE: 12/28/09, LOAD#: 1

15. **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. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: LEO MURPHY
Signature: Leo Murphy
Month 1 Day 21 Year 10

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: DAVID HARPER
Signature: David Harper
Month 01 Day 21 Year 10
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: David Tarnucki
Signature:
Month 1 Day 22 Year 10

GENERATOR — TRANSPORTER — DESIGNATED FACILITY — INTL

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

Asbestos Waste Shipment Record Form

Manifest No.:

GENERATOR

1. Work site name and mailing address: Louis Agassiz Elementary School 20 Child St. Jamaica Plain, MA	Owner's Information City of Boston, PFD 26 Court St. 10th Flr. Boston, MA 02108 c/o: Joe Murphy	Owner's telephone number: 617-635-0540
2. Operator's name and address: Commonwealth Contracting Services, LLC. 203 Spark St. Brockton, MA 02302		Operator's telephone number: 508-941-6868
3. Waste disposal site (WDS) name, mailing address, and physical site location: Wayne Disposal, Inc. Site 2 Land Fill 49350 N-I-94 Service Dr. Belleville, MI 48111		WDS phone number: 800-592-5489
4. Name and address of responsible agency: EPA Region 1 JFK Building Boston, MA		

5. Description of materials	6. Containers No. Type	7. Total Quantity m³ (yd³)
USDOT Class- Non Friable	30 yd Container	25 yds.
RQ Asbestos, 9, NA 2212, PG III		

8. Special handling instructions and additional information:

PERSONAL PROTECTION EQUIPMENT!

RQ, UN 3432 Polychlorinated Biphenyls Solid, mixtured PG II

See attached Uniform Hazardous Waste Manifest No. _____ For PCB Debris (PCB1, MAcd) ERG#171

9. OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

Printed/typed name and title address and telephone no.:	Signature:	Month/Day/ Year:
Commonwealth Contracting Services 203 Spark St. Brockton, MA 02302	[signature]	1/21/10

TRANSPORTER

10. Transporter 1 (Acknowledgment of receipt of materials)

Printed/typed name & title address and telephone no.:	Signature:	Month/Day/Year:
ECL NORTHEAST DAVID HARPER	[signature]	1/21/10

11. Transporter 2 (Acknowledgement of receipt of materials)

Printed/typed name & title address and telephone no.:	Signature:	Month/Day/Year:

DISPOSAL SITE

12. Discrepancy indication space:

13. Waste disposal site owner or operator: Certification of receipt of absestos materials covered by this manifest except as noted in item 12

Printed/typed name & title address and telephone no.:	Signature:	Month/Day/Year:

WHITE - GENERATOR CANARY - LANDFILL PINK - TRANSPORTER GOLD - GENERATOR

REQUIRED BEFORE ACTUAL DISPOSAL

Tracking #_____

WASTE CHARACTERIZATION REPORT

☐ *I authorize EQ – The Environmental Quality Company to choose the appropriate facility and method of waste management from the technologies offered at the EQ facilities identified below.*

☐ Michigan Disposal Waste Treatment Plant (Stabilization and Treatment)	49350 N. I-94 Service Drive, Belleville, MI 48111 Phone: 800-592-5489 Fax: 800-592-5329	EPA ID # MID 000 724 831
☒ Wayne Disposal, Inc. Site #2 Landfill (Hazardous & PCB Waste Landfill)	49350 N. I-94 Service Drive, Belleville, MI 48111 Phone: 800-592-5489 Fax: 800-592-5329	EPA ID # MID 048 090 633
☐ EQ Detroit, Inc. (Stabilization, Wastewater Treatment)	1923 Frederick Street, Detroit, MI 48211 Phone: 313-923-0080 Fax: 313-923-3375	EPA ID # MID 980 991 566
☐ EQ Resource Recovery, Inc. (Solvent Recycling, Fuel Blending, WW Treatment)	36345 Van Born Road, Romulus, MI 48174 Phone: 866-373-8357 Fax: 734-326-4033	EPA ID # MID 060 975 844
☐ EQ North Carolina (Stabilization, Treatment, Labpack Decommissioning)	1005 Investment Blvd, Apex, NC 27502 Phone: 919-363-4700 Fax: 919-363-4714	EPA ID # NCD 982 170 292
☐ EQ Florida, Inc. (Drum Consolidation, Labpack Decommissioning)	7202 East 8th Ave, Tampa, FL 33619 Phone: 813-623-5463 Fax: 813-628-0842	EPA ID # FLD 981 932 494
☐ EQ Transfer & Processing (Drum Transfer/Universal Waste Handling)	2000 Ferry Street, Detroit, MI 48211 Phone: 313-923-0080 Fax: 313-922-8419	EPA ID # MIK 939 928 313
☐ EQ Indianapolis (Drum Transfer/Non-Hazardous Waste Processing)	4000 West 10th Street, Indianapolis, IN 46222 Phone: 317-247-7160 Fax: 317-247-7170	EPA ID # IND 161 049 309
☐ EQ Atlanta (Drum Transfer/Non-Hazardous Waste Processing)	5600 Fulton Industrial Blvd SW, Atlanta, GA 30336 Phone: 404-494-3520 Fax: 404-494-3560	EPA ID # GAR 000 039 776
☐ EQ Augusta, Inc. (Wastewater Treatment)	3920 Goshen Industrial Blvd, Augusta, GA 30906 Phone: 706-771-9100 Fax: 706-771-9124	EPA ID # GAR 000 011 817

Waste Common Name: PCB Debris

Section 1 – Generator & Customer Information

SIC/NAICS* _____

Generator EPA ID # MP 617 635 8198

Generator Aggasiz school

Facility Address 20 Child Street

City Jamaica Plain State MA Zip 02130

County Suffolk

Mailing Address 26 Court St., 10th Floor

City Boston State MA Zip 02108

Generator Contact Leo Murphy

Title Project Manager

Phone (617) 635-0540 Fax (617) 635-0555

*For a list of NAICS codes, please refer to Section 9 of the EQ Resource Guide.

Internal Use Only: EQ Division _____

EQ Customer No. 1125

Invoicing Company EQ Northeast Inc

Address 185 Industrial Road

City Wrentham State MA Zip 02093

Country U.S.

Invoicing Contact _____

Phone _____ Fax _____

Technical Contact Jon Bowden

Phone (508) 384-6151 Fax (508) 384-6028

Mobile (508) 878-0577 Pager _____

E-mail jon.bowden@EQonline.com

Section 2 – Shipping & Packaging Information

2.1) Shipping Volume & Frequency WASTE 2-4 Roll off cans

☒ One Time Only ☐ Year ☐ Quarter ☐ Month

2.2) DOT Shipping Name RQ, Polychlorinated Biphenyls, Solid, 9, UN 3432 PG II (PCB 1, MA02) ERG # 171

2.3) Is this waste surcharge exempt? ☐ Yes ☒ No

If yes, please attach a surcharge exemption form found in Section 2 of the EQ Resource Guide.

MIXTURE

2.4) Packaging (check all that apply)

☒ Bulk Solid (Yd³ < 2000 lbs/yd³)

☐ Bulk Solid (Ton >2000 lbs/yd³)

☐ Bulk Liquids (Gallon)

☐ Totes, Size _____

☐ Cubic Yard Boxes/Bags

☐ Drums, Size _____

☐ Other (palletized, 5 gal. Pail, etc.) _____

Quoted bulk disposal charges for solid materials will be billed by the cubic yard, if the waste density is less than 2,000lbs./cubic yard. If waste density is greater than 2,000 lbs./cubic yard, then bulk disposal charges will be billed by the ton, regardless of the approved container.

CERTIFICATE OF DISPOSAL

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as PCB Solid

and specified on Manifest # 006173285JJK Line Item 1 has been landfilled on

1/22, 2010 in accordance with all local, state and federal regualtions by:

Wayne Disposal, Inc.

(EPA I.D. # MID048090633)

49350 N. I-94 Service Drive, Belleville, Michigan 48111
Telephone: 1-800-KWALITY (592-5489)
Fax: 1-800-KWALFAX (592-5329)

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy. I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true accurate and complete.

Authorized Signature: _____

006173493JJK

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: MP6 176 358 198
2. Page 1 of: 1
3. Emergency Response Phone: (800) 535-5053
4. Manifest Tracking Number: 006173493 JJK

5. Generator's Name and Mailing Address: LOUIS AGGASIZ ELEMENTARY SCH
C/O CITY OF BOSTON - PFD
26 COURT STREET, 10TH FLOOR
BOSTON, MA 02108
Generator's Phone: (617) 839-7546

Generator's Site Address (if different than mailing address): 20 CHILD STREET
JAMAICA PLAIN, MA 02130

6. Transporter 1 Company Name: EQ NORTHEAST, INC.
U.S. EPA ID Number: MAD 084 814 136

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address: WAYNE DISPOSAL, INC SITE 2 LANDFILL
49350 N I-94 SERVICE DRIVE
BELLEVILLE, MI 48111
Facility's Phone: (800) 592-5489
U.S. EPA ID Number: MID 048 090 633

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ, UN3432, Polychlorinated biphenyls, solid, mixture, 9, PGII, (PCB1, MA02) ERG #171	001	CM	EST 1815	K	PCB1	MA02	
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1. A105104WDI / (S) PCB DEBRIS / STORAGE START DATE: 1-15-10, LOAD#: 2

15. 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. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: LEO MURPHY
Signature: Leo Murphy
Month 02 Day 03 Year 10

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: David MacLellan
Signature: Dat MacLellan
Month 02 Day 05 Year 10
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

18b. Alternate Facility (or Generator) Manifest Reference Number:
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. None 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: David Tornacchi
Signature:
Month 2 Day 5 Year 10

GENERATOR / INT'L / TRANSPORTER / DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR STATE (IF REQUIRED)

Asbestos Waste Shipment Record Form

Manifest No.:

GENERATOR

1. Work site name and mailing address: Louis Agassiz Elementary School 20 Child St. Jamaica Plain, MA	Owner's information: City of Boston, PFD 26 Court St. 10th Flr. Boston, MA 02108 Gloria Murphy	Owner's telephone number: 617-635-0540
2. Operator's name and address: Commonwealth Contracting Services, LLC. 203 Spark St. Brockton, MA 02302		Operator's telephone number: 508-991-6868
3. Waste disposal site (WDS) name, mailing address, and physical site location: Wayne Disposal, Inc. Site 2 Land Fill 49350 N-I-94 Service Dr. Belleville, MI 48111		WDS phone number: 800-592-5489
4. Name and address of responsible agency: EPA Region 1 JFK Building Boston, MA		

5. Description of materials	6. Containers No. Type	7. Total Quantity m³ (yd³)
USDOT Class- Non Friable	30 yd Container	25 yds
RQ Asbestos, 9, NA 2212, PG III		

8. Special handling instructions and additional information:

PERSONAL PROTECTION EQUIPMENT!

RQ, UN 3432 Polychlorinated Biphenyls Solid, mixtures, PG II

See attached Uniform Hazardous Waste Manifest No. _____ For PCB Debris (PCB, MAed) EPA#171

9. OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

Printed/typed name and title address and telephone no.:	Signature:	Month/Day/ Year:
Commonwealth Contracting Services 203 Spark St. Brockton, MA 02302	[signature]	2/3/10

TRANSPORTER

10. Transporter 1 (Acknowledgment of receipt of materials)

Printed/typed name & title address and telephone no.:	Signature:	Month/Day/Year:
David Machollan	[signature]	2-3-10

11. Transporter 2 (Acknowledgement of receipt of materials)

Printed/typed name & title address and telephone no.:	Signature:	Month/Day/Year:

DISPOSAL SITE

12. Discrepancy indication space:

13. Waste disposal site owner or operator: Certification of receipt of absestos materials covered by this manifest except as noted in item 12

Printed/typed name & title address and telephone no.:	Signature:	Month/Day/Year:

WHITE - GENERATOR CANARY - LANDFILL PINK - TRANSPORTER GOLD - GENERATOR

Section 3 – Physical Characteristics

3.1) Color Multi (Varies) 3.2) Odor N/A

3.3) Does this waste contain any "Potentially Odorous Constituents" as defined in the EQ Resource Guide? (Section 3) ☐ Yes ☒ No

3.4) Physical State at 70°F: ☒ Solid ☐ Dust/Powder ☐ Liquid ☐ Sludge

3.5) What is the pH of this waste? ☐ ≤ ☐ 2.1-4.9 ☒ 5-10 ☐ 10.1-12.4 ☐ ≥12.5

3.6) What is the flash point of this waste? ☐ <90°F ☐ 90-140°F ☐ 140-199°F ☒ ≥200°F

3.7) Does this waste contain? (check all that apply) ☐ None ☐ Free Liquids ☐ Oily Residue ☐ Metal Fines

☐ Biodegradable Sorbants ☐ Amines ☐ Ammonia ☐ Water Reactive ☐ Biohazard ☐ Aluminum

☐ Shock Sensitive Waste ☐ Reactive Waste ☐ Radioactive Waste ☐ Explosives ☐ Pyrophoric Waste ☐ Isocyanates

☒ Asbestos – non-friable ☐ Asbestos – friable ☐ Dioxins ☐ Furans

Section 4 – Waste Composition and Generating Process

4.1) Describe the physical composition of the waste (i.e., soil, water, PPE, debris, key chemical compounds, etc.)

Window frames/sashes/sills 88 to 98 % PPE/Poly sheeting, misc trash 1 to 10 %

Caulking glazing w/ <1% Asbestos 1 to 2 %

Non-Friable

Pfr...) _____ to _____ % Total: 100%

4.2) Provide a *detailed* description of the process generating this waste (attach flow diagram if available).

Removal of window casing units – entire units from school being refurbished. Window units containing caulking/glazing with non friable asbestos <1% & PCB contents > 50ppm. Debris loaded to roll off cans.

Section 5 – Is This Hazardous Waste?

Please refer to Section 5 of the EQ Resource Guide for a list of waste codes

As determined by 40 CFR, Part 261 and State Rules: Please list applicable waste code(s):

5.1) Is this an EPA RCRA listed hazardous waste (F, K, P or U)? ☐ Yes ☒ No

5.2) Is this an EPA RCRA characteristic hazardous waste (D001-D043)? ☐ Yes ☒ No

5.3) Do any State Hazardous Waste Codes apply? ☒ Yes ☐ No MA02, PCB1

5.4) Is this waste intended for wastewater treatment? ☐ Yes* ☒ No

*If you answered 'no' to 5.1, 5.2, and 5.3, please skip to Section 7. *If you answered 'yes' to 5.4, please attach the Waste Characterization Report Addendum found in Section 7 of the EQ Resource Guide.*

Section 6 – Hazardous Wastes

6.1) Does this waste exceed Land Disposal Restriction levels? ☐ Yes ☒ No

6.1a) If this waste stream is greater than 50% soil, does it meet the alternative soil treatment standards of 40 CFR 268.49? ☐ Yes ☒ No

6.1b) Does this waste contain greater than 50% debris, by volume? (Debris is greater than 2.5 inches in size.) ☒ Yes ☐ No

6.2) Is the waste an oxidizer (D001)? ☐ Yes ☒ No

6.3) Does this waste contain reactive cyanide ≥ 250 ppm (D003)? ☐ Yes ☒ No

6.4) Does this waste contain reactive sulfide ≥ 500 ppm (D003)? ☐ Yes ☒ No

6.5) Please indicate which constituent concentrations are below or above the regulatory level. Please indicate the basis used in the determination. Either "Below" or "Above" MUST be checked for each constituent.

Based On: ☒ Generator Knowledge ☐ Analysis* ☐ MSDS*

*Please attach a copy. Analysis or MSDS are required for EQRL Non-hazardous wastes.

Code		Regulatory Level TCLP (mg/l)	Concentration (If above)
D004	Arsenic	5	☒ Below ☐ Above _____
D005	Barium	100	☒ Below ☐ Above _____
D006	Cadmium	1	☒ Below ☐ Above _____
D007	Chromium	5	☒ Below ☐ Above _____
D008	Lead	5	☒ Below ☐ Above _____
D009	Mercury	0.2	☒ Below ☐ Above _____
D010	Selenium	1	☒ Below ☐ Above _____
D011	Silver	5	☒ Below ☐ Above _____
D012	Endrin	0.02	☒ Below ☐ Above _____
D013	Lindane	0.4	☒ Below ☐ Above _____
D014	Methoxychlor	10	☒ Below ☐ Above _____
D015	Toxaphene	0.5	☒ Below ☐ Above _____
D016	2,4-D	10	☒ Below ☐ Above _____
D017	2,4,5-TP (Silvex)	1	☒ Below ☐ Above _____
D018	Benzene	0.5	☒ Below ☐ Above _____
D019	Carbon Tetrachloride	0.5	☒ Below ☐ Above _____
D020	Chlordane	0.03	☒ Below ☐ Above _____
D021	Chlorobenzene	100	☒ Below ☐ Above _____
D022	Chloroform	6.0	☒ Below ☐ Above _____
D023	o-Cresol	200	☒ Below ☐ Above _____

Code		Regulatory Level TCLP (mg/l)	Concentration (If above)
D024	m-Cresol	200	☒ Below ☐ Above _____
D025	p-Cresol	200	☒ Below ☐ Above _____
D026	Cresols	200	☒ Below ☐ Above _____
D027	1,4-Dichlorobenzene	7.5	☒ Below ☐ Above _____
D028	1,2-Dicholoroethane	0.5	☒ Below ☐ Above _____
D029	1,1-Dichloroethylene	0.7	☒ Below ☐ Above _____
D030	2,4-Dinitrotoluene	0.13	☒ Below ☐ Above _____
D031	Heptachlor	0.008	☒ Below ☐ Above _____
D032	Hexachlorobenzene	0.13	☒ Below ☐ Above _____
D033	Hexachlorobutadiene	0.5	☒ Below ☐ Above _____
D034	Hexachloroethene	3.0	☒ Below ☐ Above _____
D035	Methyl Ethyl Ketone	200	☒ Below ☐ Above _____
D036	Nitrobenzene	2	☒ Below ☐ Above _____
D037	Pentachlorophenol	100	☒ Below ☐ Above _____
D038	Pyridine	5	☒ Below ☐ Above _____
D039	Tetrachloroethylene	0.7	☒ Below ☐ Above _____
D040	Trichloroethylene	0.5	☒ Below ☐ Above _____
D041	2,4,5-Trichlorophenol	400	☒ Below ☐ Above _____
D042	2,4,6-Trichlorophenol	2	☒ Below ☐ Above _____
D043	Vinyl Chloride	0.2	☒ Below ☐ Above _____

6.6) If this is a characteristic hazardous waste, does it contain underlying hazardous constituents? ☐ Yes ☒ No

If yes, please list the constituents in Section 11.

CERTIFICATE OF DISPOSAL

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as PCB Solid

and specified on Manifest # 006173493JJK, Line Item 1 has been landfilled on

2/5, 2000 in accordance with all local, state and federal regualtions by:

Wayne Disposal, Inc.

(EPA I.D. # MID048090633)

49350 N. I-94 Service Drive, Belleville, Michigan 48111
Telephone: 1-800-KWALITY (592-5489)
Fax: 1-800-KWALFAX (592-5329)

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy. I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true accurate and complete.

Authorized Signature: _____

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: MPS 176 358 198
2. Page 1 of: 1
3. Emergency Response Phone: (800) 535-5053
4. Manifest Tracking Number: 007197186 JJK

5. Generator's Name and Mailing Address: LOUIS AGGASIZ ELEMENTARY SCI
C/O CITY OF BOSTON - PFD
26 COURT STREET, 10TH FLOOR
BOSTON, MA 02108
Attn: Leo Murphy
Generator's Phone: (617) 839-7546

Generator's Site Address (if different than mailing address): 20 CHILD STREET, JAMAICA PLAIN, MA 02130

6. Transporter 1 Company Name: EQ NORTHEAST, INC.
U.S. EPA ID Number: MAD 064 814 136

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address: WAYNE DISPOSAL, INC SITE 2 LANDFILL
49350 N I-94 SERVICE DRIVE
BELLEVILLE, MI 48111
Facility's Phone: (800) 592-5489
U.S. EPA ID Number: MID 048 090 633

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ, UN3432, Polychlorinated biphenyls, solid, mixture, 9, PGII, (PCB1, MA02), ERG #171	1	CM	8,800	K	PCB1	MA02	
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1. A105104WDI / (S) PCB DEBRIS / STORAGE START DATE: 12/28/09 LOAD#: 3
(20 cubic yards)

15. **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. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: LEO MURPHY
Signature: Leo Murphy
Month 2 Day 19 Year 10

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Gary Roberts
Signature: Gary Roberts
Month 02 Day 19 Year 10
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☒ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Actual weight: 2,518 K
OK per Jon Bowden @ EQ as agent for generator. 2-23-10 RW
Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number:
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Tanya Cowdar
Signature:
Month 02 Day 23 Year 10

GENERATOR / INT'L / TRANSPORTER / DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

Asbestos Waste Shipment Record Form

Manifest No.:

GENERATOR

1. Work site name and mailing address: Louis Agassiz Elementary School 20 Child St. Jamaica Plain, MA	Owner's Information: City of Boston, PFD 26 Court St. 10th Flr. Boston, MA 02108 c/o: Lee Murphy	Owner's telephone number: 617-635-0540
2. Operator's name and address: Commonwealth Contracting Services, LLC. 203 Spark St. Brockton, MA 02302		Operator's telephone number: 508-941-6868
3. Waste disposal site (WDS) name, mailing address, and physical site location: Wayne Disposal, Inc. Site 2 Land Fill 49350 N-I-94 Service Dr. Belleville, MI 48111		WDS phone number: 800-592-5489
4. Name and address of responsible agency: EPA Region 1 JFK Building Boston, MA		

5. Description of materials	6. Containers No. Type	7. Total Quantity m³ (yd³)
USDOT Class- Non Friable	30 yd Container	25 yds.
RQ Asbestos, 9, NA 2212, PG III		

8. Special handling instructions and additional information:

PERSONAL PROTECTION EQUIPMENT!

RQ, UN 3432 Polychlorinated Biphenyls Solid, mixtures, PG II

See attached Uniform Hazardous Waste Manifest No. _____ For PCB Debris (PCB, MA02) ER6#171

9. OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

Printed/typed name and title address and telephone no.:	Signature:	Month/Day/ Year:
Commonwealth Contracting Services 203 Spark St. Brockton, MA 02302	[signature]	2/19/10

TRANSPORTER

10. Transporter 1 (Acknowledgment of receipt of materials)

Printed/typed name & title address and telephone no.:	Signature:	Month/Day/Year:
EG Northeast, Inc. Gary Roberts	[signature]	2/19/10

11. Transporter 2 (Acknowledgement of receipt of materials)

Printed/typed name & title address and telephone no.:	Signature:	Month/Day/Year:

DISPOSAL SITE

12. Discrepancy indication space:

13. Waste disposal site owner or operator: Certification of receipt of absestos materials covered by this manifest except as noted in item 12.

Printed/typed name & title address and telephone no.:	Signature:	Month/Day/Year:

WHITE - GENERATOR CANARY - LANDFILL PINK - TRANSPORTER GOLD - GENERATOR

Section 7 – Non-Hazardous Wastes

For a complete list of non-hazardous waste codes, please refer to Section 7 of the EQ Resource Guide

Please list applicable waste code:

7.1) Is this a Michigan non-hazardous liquid industrial waste? ☐ Yes ☐ No _____
7.2) Is this a Universal waste? ☐ Yes ☐ No
7.3) Is this a Recyclable Commodity? (e.g.: computer monitors, free mercury, etc.) ☐ Yes ☐ No
7.4) Is this waste a recoverable petroleum product? ☐ Yes* ☐ No
7.5) Is this waste used oil as defined by 40 CFR Part 279? ☐ Yes* ☐ No

If you answered 'yes' to questions 7.4 or 7.5 please attach the Waste Characterization Report Addendum found in Section 7 of the EQ Resource Guide.

Section 8 – TSCA Information

8.1) What is the concentration of PCBs in the waste? ☐ None ☐ 0-5 ppm ☐ 6-49 ppm ☒ 50-499 ppm ☐ 500+ ppm
8.2) Does the waste contain PCB contamination from a source with a concentration ≥ 50 ppm? ☒ Yes ☐ No
If you answered "no" to 8.1 and 8.2, please skip to Section 9.
8.3) Has this waste been processed into a non-liquid form? ☐ Yes ☒ No
If yes, what was the concentration of PCBs prior to processing? ☒ N/A ☐ 0-499 ppm ☐ 500+ ppm
8.4) Is the non-liquid PCB waste in the form of soil, rags, debris, or other contaminated media? ☒ Yes ☐ No
8.5) Are you a PCB capacitor manufacturer or a PCB equipment manufacturer? ☐ Yes ☒ No
8.6) Has the PCB Article (e.g., transformer, hydraulic machine, PCB-contaminated electrical equipment) been drained/flushed of all PCBs and decontaminated in accordance with 40 CFR 761.60(b)? ☐ N/A ☐ Yes ☒ No

Section 9 – Clean Air Act Information

NESHAP SIC*		
2812	2836	2875
2813	2841	2879
2816	2842	2891
2819	2843	2892
2821	2844	2893
2822	2851	2895
2823	2861	2899
2824	2865	2911
2833	2869	3312
2834	2873	4953
2835	2874	9511

9.1) Is this waste subject to regulation under 40 CFR, Part 63, Subpart DD or 40 CFR, Part 264, Subpart CC (RCRA)? ☐ Yes ☒ No
(Does the waste contain >500 ppm Volatile Organic Hazardous Air Pollutants – VOHAP's or Volatile Organic Compounds – VOC's?)
For a complete list of VOHAP's, please see Section 11 of the EQ Resource Guide
9.2) Is the site, or waste, subject to any other MACT or NESHAP? ☐ Yes, please specify: _____ ☒ No
9.3) Does this waste stream contain Benzene? ☐ Yes ☒ No
If you answered "no" to 9.3, please skip to Section 10.
9.4) Does the waste stream come from a facility with one of the SIC/NAICS codes listed under the Benzene NESHAP identified in 40 CFR 61, Subpart FF? ☐ Yes ☐ No
9.5) Is the generating source of this waste stream a facility with Total Annual Benzene (TAB) ≥10 Mg/year? ☐ Yes ☐ No
For assistance in calculating the TAB, please see the TAB Worksheet in Section 9 of the EQ Resource Guide.
If you answered "no" to question 9.4 and 9.5, please skip to Section 10.
9.6) Does the waste contain >10% water? ☐ Yes ☐ No
9.7) What is the TAB quantity for your facility? _____ Mg/Year
9.8) Does the waste contain >1.0 mg/kg total Benzene? ☐ Yes ☐ No
9.9) What is the total Benzene concentration in your waste? _____ Percent or _____ ppmw.
(Supporting analysis must be attached. Do not use TCLP analytical results. Acceptable laboratory methods include 8020, 8240, 8260, 602 and 624.)
*For a list of NAICS codes, please refer to Section 9 of the EQ Resource Guide.

Section 10 – Fuel Blending Information

10.1) Is this waste intended for fuel blending? ☐ Yes* ☒ No
*If yes, Heat value (BTU/lb.) _____ Chlorine (%) _____ Water (%) _____ Solids (%) _____
10.2) Is this waste intended for reclamation? ☐ Yes ☒ No (5-Gallon Sample required for all reclaim waste streams)

Section 11 – Constituent Information

Please identify your waste constituents from these four categories: *Underlying Hazardous Constituents (UHC's), Volatile Organic Hazardous Air Pollutants (VOHAP's), Volatile Organic Compounds (VOC's) and Toxic Release Inventory Constituents (TRI)*

Constituent	Concentration	UHC?		Constituent	Concentration	UHC?	
Asbestos, nonfriable	<1%	☐ Yes	☒ No			☐ Yes	☐ No
		☐ Yes	☐ No			☐ Yes	☐ No
		☐ Yes	☐ No			☐ Yes	☐ No
		☐ Yes	☐ No			☐ Yes	☐ No
		☐ Yes	☐ No			☐ Yes	☐ No

Please see Section 11 of the EQ Resource Guide for a list of UHC's, VOHAP's and VOC's. For a complete list of TRI constituents, please refer to 40 CFR 372.65.

Section 12 – Certification

I certify that all information (including attachments) is complete and factual and is an accurate representation of the known and suspected hazards, pertaining to the waste described herein. I authorize EQ's Resource Team to add supplemental information to the waste approval file, provided I am contacted and give verbal permission. I authorize EQ's Resource Team to obtain a sample from any waste shipment for purposes of verification and confirmation. I agree that, if EQ approves the waste described herein, all such wastes that are transported, delivered, or tendered to EQ by Generator or on Generator's behalf shall be subject to, and Generator shall be bound by, the attached Standard Terms and Conditions.

Generator Signature _____ Printed Name _____

Company _____ Title _____ Date _____

The generator's signature MUST appear on the EQ Waste Characterization Report. If the generator has authorized a third party to certify this document, a written notice (on generator letterhead) must accompany this submittal. Although the EQ Resource Team is authorized to make certain modifications to the information provided on this form, the addition or removal of waste codes and waste constituents must be documented by the generator.

CERTIFICATE OF DISPOSAL

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as pcbsolid

and specified on Manifest # 007197186JJK, Line Item 1 has been landfilled on

2/24, 2010 in accordance with all local, state and federal regualtions by:

Wayne Disposal, Inc.

(EPA I.D. # MID048090633)

49350 N. I-94 Service Drive, Belleville, Michigan 48111
Telephone: 1-800-KWALITY (592-5489)
Fax: 1-800-KWALFAX (592-5329)

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy. I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true accurate and complete.

Authorized Signature:

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: MPS 176 358 198
2. Page 1 of: 1
3. Emergency Response Phone: (800) 535-5053
4. Manifest Tracking Number: 007196143 JJK

5. Generator's Name and Mailing Address: LOUIS AGGASIZ ELEMENTARY SCI
C/O CITY OF BOSTON - PFD Attn. Leo Murphy
26 COURT STREET, 10TH FLOOR
BOSTON, MA 02108
Generator's Phone: (617) 635-7646

Generator's Site Address (if different than mailing address):
20 CHILD STREET
JAMAICA PLAIN, MA 02130

6. Transporter 1 Company Name: EQ NORTHEAST, INC. — U.S. EPA ID Number: MAD 084 814 136

7. Transporter 2 Company Name: EQ Industrial Services — U.S. EPA ID Number: MID 000 203 871

8. Designated Facility Name and Site Address: WAYNE DISPOSAL, INC SITE 2 LANDFILL
49350 N I-94 SERVICE DRIVE
BELLEVILLE, MI 48111
Facility's Phone: (800) 592-5489
U.S. EPA ID Number: MID 048 090 633

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ, UN3432, Polychlorinated biphenyls, solid, mixture, 9, PGII, (PCB1, MA02), ERG #171	1	CF	50	K G R	PCB1	MA02	
	2.			50	P			
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1. A105104WDI / (5) PCB DEBRIS / STORAGE START DATE: 4/23/10 LOADA: 409

15. **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. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: BRIAN HUGHINBOTTOM — Signature: [signature] — Month 4 Day 23 Year 10

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Roger W. Sisum — Signature: [signature] — Month 4 Day 23 Year 10
Transporter 2 Printed/Typed Name: Tanya Stewart — Signature: [signature] — Month 04 Day 28 Year 10

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Ashley Burton — Signature: [signature] — Month 05 Day 07 Year 10

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

CERTIFICATE OF DISPOSAL

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as PCB Solid

and specified on Manifest # 007191014 3 JJK, Line Item 1 has been landfilled on

5/7, 2010 in accordance with all local, state and federal regualtions by:

Wayne Disposal, Inc.

(EPA I.D. # MID048090633)

49350 N. I-94 Service Drive, Belleville, Michigan 48111
Telephone: 1-800-KWALITY (592-5489)
Fax: 1-800-KWALFAX (592-5329)

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy. I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true accurate and complete.

Authorized Signature: Ashley Bartz

Appendix D

Site Logs and Asbestos Air Sample Data Records

VATC ASSOCIATES INC. 333 Washington Highway, Smithfield, RI 02917 (401) 232-3353 FAX (401) 232-1130

SITE LOG

Date: 12-28-09 **Hygienist:** M. Puyana
Job #: 60.03187.0024 **Project Manager:**
Site/Station: Agassiz School Jamaica Plain

Time	Comments
8A-	Arrive on site. Accessed work area - Rms
9A	104 & 106 windows - & met with CCS & A&A
	personnel. Work areas prepped for window
	abatement. 2 air samples begun inside Rms 104
	& 106. Window removal begun
10A	M Cithen on site. Air samples running.
	Window removal in progress. Work area secure.
11A	Air samples running. 2 air samples for base-
	line monitoring begun in Rooms 103 & 201.
	Window removal in progress.
11:45A	First set of air samples completed. 2 air
	samples begun for area monitoring inside
	Rooms 104 & 106. Pre-abatement samples
	running in Rooms 103 & 201. Window removal
	in progress.
12:30P	Air samples running. Removal work in progress
1:30P	Window removal - Room 104 - completed.
	Fine cleaning conducted. Cleaning for PCBs
	conducted.
2P-	Pre-abatement samples completed. Area samples
2:30P	running. PCB coring samples collected.
2:45P-	Area air samples completed. Window work
4:00P	completed for this shift. Left site

Page _____ of _____

Air Quality Report

Client / Proj. #: 60.03187.0024
Job Site: Agassiz School
Work Area: Rms 104, 106
Date of Collection: 12-28-09
Collected by: M Puyana
Signature: [signature]

Date of Analysis: 12-28-09
Method of Analysis: NIOSH 7400
Analyst Signature: [signature]
Microscope Make: Olympus
Microscope Model: CH2
Microscope Number:

Project Manager:
On site Contact:
Phone Number:

Batch Number:

Sample No.	LOCATION	Sample Type (1-9)	Pump On (2400)	Pump Off (2400)	Rotometer (LPM) On	Rotometer (LPM) Off	Rate (LPM)	Time (Min)	Air Volume (Liters)	L.O.D. 2.7/V	Actual Count (/100)	Adjusted Count (/100)	Result (F/CC)	Analyst Initials
01	**Field Blank**	FB	—	—	—	—	—	—	—	—	0	0	—	mp
02	**Field Blank**	FB	—	—	—	—	—	—	—	—	0	0	—	mp
03	Room 104 near window	4	845A	1145	10.0	10.0	10.0	180	1800	0.002	13	13	0.004	mp
04	Room 106 near window	4	850A	1150	10.0	10.0	10.0	180	1800	0.002	17	17	0.005	mp
05	Room 103	2	11A	2P	10.0	10.0	10.0	180	1800	0.002	8	8	0.002	mp
06	Room 201	2	1105A	2055P	10.0	10.0	10.0	180	1800	0.002	7	7	0.002	mp
07	Room 104 near window	4	1145A	245P	10.0	10.0	10.0	180	1800	0.002	12	12	0.003	mp
08	Room 106 near window	4	1150A	250P	10.0	10.0	10.0	180	1800	0.002	16	16	0.004	mp
	Reference Slide													

Work Phase: 1) Background 2) Pre Abatement 3) During Prep Work 4) During Removal 5) During Final Clean 6) During Glovebag Removal 7) Final Air Clearance 8) Personal Air Sample 9) Associated Work

Rotameter Number: Calibration Date: Relinquished By: Received By:

NOTE: The ATC Associates Inc. Lab meets the requirements set forth by AHERA 40 CFR 763.90 (i)(2)(ii). FILTERS ARE 25MM MCE.

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SITE LOG

Date: 12-29-09 **Hygienist:** M Puyana
Job #: 60.05187.0024 **Project Manager:**
Site/Station: Agassiz School Jamaica Plain Rm 104

Time	Comments
930A	Arrive on site. met CCS personnel &
830A	accessed work areas. Abatement work began -
	Prep for Room 104 & Trim removal for Room 305.
	Area air samples began in each area.
9A	Air samples running. Prep completed & win-
	dow removal began in 104.
Note	High winds causing disturbance to work areas -
	blowing debris, damage to remote Decon. ATC
	advised CCS that all abatement area & equip-
	ment must be secure throughout process.
930A	M Gitten, J Roback, V Vladovich - ATC - on site.
	Project details discussed with all parties.
	Window work in progress. Air samples
	running. Work suspended in Room 305.
1030A	Window abatement work in progress. Air
	samples running.
11A	First set of air samples completed. One air
	sample for area monitoring began in Room 104.
	Window abatement in progress.
1130A	Abatement work suspended due to weather.
12PM	Air sample running. Window contractor
	installing in Room 104. ATC monitoring drilling
	work for installation. CCS left site.
1P	Drilling work completed. Air sample in
130P	Room 104 completed. Left site.

Page _____ of _____

3

Air Quality Report

Client / Proj. #: 60-03187.0024
Job Site: Agassiz School
Work Area: Rm 104, 305
Date of Collection: 12-29-09
Collected by: M. Puyana
Signature:

Date of Analysis: 12-29-09
Method of Analysis: NIOSH 7400
Analyst Signature:
Microscope Make: Olympus
Microscope Model: CH2
Microscope Number:

Project Manager:
On site Contact:
Phone Number:

Batch Number:

Sample No.	LOCATION	Sample Type (1-9)	Pump On (2400)	Pump Off (2400)	Rotometer (LPM) On	Rotometer (LPM) Off	Rate (LPM)	Time (Min)	Air Volume (Liters)	L.O.D. 2.7/V	Actual Count (/100)	Adjusted Count (/100)	Result (F/CC)	Analyst Initials
01	**Field Blank**	FB	—	—	—	—	—	—	—	—	0	0	—	mp
02	**Field Blank**	FB	—	—	—	—	—	—	—	—	0	0	—	mp
03	Room 104 near window	4	700A	1000A	10.0	10.0	10.0	180	1800	0.002	13	13	0.004	mp
04	Room 305 near window	4	800A	1100A	10.0	10.0	10.0	180	1800	0.002	14	14	0.004	mp
05	Room 104 near window	1	1000A	1150P	10.0	10.0	10.0	140	1400	0.002	8	8	0.003	mp
	Reference Slide	P												

Work Phase: 1) Background 2) Pre Abatement 3) During Prep Work 4) During Removal 5) During Final Clean 6) During Glovebag Removal 7) Final Air Clearance 8) Personal Air Sample 9) Associated Work

Rotameter Number: Calibration Date: Relinquished By: Received By:

NOTE: The ATC Associates Inc. Lab meets the requirements set forth by AHERA 40 CFR 763.90 (i)(2)(ii). FILTERS ARE 25MM MCE.

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SITE CHECK LIST

Date 12-28-09 S S M T W T F

Project Name Agassiz School Project Number 60.03187.0024
Location Rms 104, 305 Work Phase
Client Name CSS Client Contact
Contractor CCS Supervisor M Cohen
Equipment Used On-Site: HEPA vacuums, Power & hand Tools,

Work Requirements/Procedures: All proper paper work, certifications and records on-site. Y/N
If NO explain:

Security of job	Y	N
Warning signs posted	Y	N
HVAC shut down	Y	N
GFCI protection	Y	N
Moveable objects covered with 6-mil poly	Y	N
Non-moveable objects covered with poly	Y	N
Isolation of work area:		
• Openings sealed w/6-mil	Y	N
• Large openings with critical barriers	Y	N
Floors and walls:		
• Floors w/2 layers (12" overlap)	Y	N
• Walls w/2 layers of 4-mil	Y	N
• No seams @ floor-wall joints	Y	N

Removal:		
• Wetting of asbestos surfactant	Y	N
• Double bagged/drums properly labeled	Y	N
• Large components properly wrapped	Y	N
• HEPA vacuuming during g/b	Y	N
Encapsulation:		
• Airless sprayer	Y	N
• Applied in layers	Y	N
• Applied without disturbing asbestos	Y	N
• Encapsulation dry (post test)	Y	N
Clean up:		
• No visible debris prior to post test	Y	N
• Waste trailer on-site	Y	N
Type of Respiratory Protection:		
• 1/2 face: X		
• PAPR:		
• Type C:		

Check Exceptions: • Glove Bag: NA • Impervious surfaces: X

Comments:

Work Area:
1. Containment size:
2. Glove bag removal: NA
3. % of work done:
4. No. of workers: 5
5. Amt. of material: SF LF
6. Mini-enclosures: X
7. Barriers (poly/plywood):
8. Project oversight X

Hygienist Info:
Time on-site: Car used: Dodge No. of IH on-site: 1
Lunch break: Miles to site: No. IH billable: 1
Time left site: Total miles: Travel time to site:
Total time on-site: Tolls/parking: No. of Bulks: Airs:

Hygienist: M Ryan Project Manager:
DLWD #: No. of Waste Bags Removed:

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SITE LOG

Date: 12-30-09 **Hygienist:** M Guyana
Job #: 60-05187.0024 **Project Manager:**
Site/Station: Agassiz School Jamaica Plain Rooms 104, 305

Time	Comments
730A	Arrive on site. Accessed work area & met
830A	CCS personnel. Window removal - Rm 104 -
	resumed. 2 air samples for area monitoring
	began. Non-ACM/PCB removal work re-
	sumed in Rm 305.
9A	Air samples running. Work area secure.
930A	Window work in progress.
1015A	Air samples running. Window work in progress.
	Work practices discussed - partial cutting of
	window frames to facilitate physical removal will
	be allowed following removal of all ACM/PCB
	caulk & glaze from cutting points & cleaning of
	metal surfaces with hexane solvent. L. Murphy -
~~11A~~	BPS - authorized this modification.
11A	First set of air samples completed. 2 air samples
	began in Rooms 104 & 304. Window work in progress.
12P	Air samples running. Window work in progress.
1230P	Rms 304 & 305 prepped for abatement.
1P	Air samples running. Supplies for window work -
130P	gloves/bags - on site. Diesel fuel used as PCB cleaner &
	Rm 104 window frame cutting performed.
2P	Second set of air samples completed.
230P	Window removed from building. J. Roback on site
	for PCB sampling. TCLP samples collected.
3P	Work completed for this shift. Site
4P	secure. Left site.

Air Quality Report

Client / Proj. #: 60.03187.0024
Job Site: Agassiz School
Work Area: Rm 104, 305
Date of Collection: 12-30-09
Collected by: M Puyana
Signature: [signature]

Date of Analysis: 12-31-09
Method of Analysis: NIOSH 7400
Analyst Signature: [signature]
Microscope Make: Olympus
Microscope Model: CH2
Microscope Number:

Project Manager:
On site Contact:
Phone Number:
Batch Number:

Sample No.	LOCATION	Sample Type (1-9)	Pump On (2400)	Pump Off (2400)	Rotometer (LPM) On	Rotometer (LPM) Off	Rate (LPM)	Time (Min)	Air Volume (Liters)	L.O.D. 2.7/V	Actual Count (/100)	Adjusted Count (/100)	Result (F/CC)	Analyst Initials
01	**Field Blank**	FB	—	—	—	—	—	—	—	—	0	0	—	mP
02	**Field Blank**	FB	—	—	—	—	—	—	—	—	0	0	—	mP
03	Room 104	4	750A	1050A	10.0	10.0	10.0	180	1800	0.002	15	15	0.004	mP
04	Room 305	~~4~~ 3	810A	1110A	10.0	10.0	10.0	180	1800	0.002	10	10	0.003	mP
05	Room 104	4	1050A	150P	10.0	10.0	10.0	180	1800	0.002	14	14	0.004	mP
06	Room 304	3	1110A	210P	10.0	10.0	10.0	180	1800	0.002	11	11	0.003	mP
	Reference Slide													

Work Phase: 1) Background 2) Pre Abatement 3) During Prep Work 4) During Removal 5) During Final Clean 6) During Glovebag Removal 7) Final Air Clearance 8) Personal Air Sample 9) Associated Work

Rotameter Number: Calibration Date: Relinquished By: Received By:

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SITE CHECK LIST

Date 12-30-09 S S M T W T F

Project Name Agassiz School Project Number 60 03187.0024
Location RMS 104, 305, 304 Work Phase
Client Name Client Contact
Contractor CCS Supervisor M Cohen
Equipment Used On-Site: HEPA vacuums, Power & hand Tools, ladders

Work Requirements/Procedures: All proper paper work, certifications and records on-site. Y/N
If NO explain:

Security of job	Y	N
Warning signs posted	Y	N
HVAC shut down	Y	N
GFCI protection	Y	N
Moveable objects covered with 6-mil poly	Y	N
Non-moveable objects covered with poly	Y	N
Isolation of work area:		
• Openings sealed w/6-mil	Y	N
• Large openings with critical barriers	Y	N
Floors and walls:		
• Floors w/2 layers (12" overlap)	Y	N
• Walls w/2 layers of 4-mil	Y	N
• No seams @ floor-wall joints	Y	N

Removal:		
• Wetting of asbestos surfactant	Y	N
• Double bagged/drums properly labeled	Y	N
• Large components properly wrapped	Y	N
• HEPA vacuuming during g/b	Y	N
Encapsulation:		
• Airless sprayer	Y	N
• Applied in layers	Y	N
• Applied without disturbing asbestos	Y	N
• Encapsulation dry (post test)	Y	N
Clean up:		
• No visible debris prior to post test	Y	N
• Waste trailer on-site	Y	N

Type of Respiratory Protection:
- 1/2 face: X
- PAPR:
- Type C:

Check Exceptions: • Glove Bag: 1 • Impervious surfaces:
Comments: Remote DeCon

Work Area:
1. Containment size:
2. Glove bag removal:
3. % of work done:
4. No. of workers: 3
5. Amt. of material: SF LF
6. Mini-enclosures: "
7. Barriers (poly/plywood):
8. Project oversight X

Hygienist Info:
Time on-site: Car used: Own No. of IH on-site: 1
Lunch break: Miles to site: No. IH billable: 1
Time left site: Total miles: Travel time to site:
Total time on-site: Tolls/parking: No. of Bulks: Airs:

Hygienist: M Puyana Project Manager:
DLWD #: No. of Waste Bags Removed:

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SITE LOG

Date: 12-31-09 **Hygienist:** M Puyana
Job #: 60.03187.0024 **Project Manager:**
Site/Station: Agassiz School Jamaica Plain Rm 304

Time	Comments
730A	Arrive on site. Met CCS & accessed work area.
830A	Prep work for Rm 305 work completed & removal
	of window begun. 2 air samples for area
	monitoring begun.
930A	Room 305 window removal & cleaning completed.
1015A	Air samples running. Work area secure. Prep-
	work begun in Rooms 204 & 205.
1030A	Window removal for Room 204 begun. Room 305
11A	window & debris placed in dumpster. First set of
	air samples completed. 2 air samples for area
	monitoring begun on Floor 2
12P	Window removal in Progress. Air samples
	running.
100P	Window removal for Room 204 completed.
2P	All ACM/PCB caulking & glazing removed &
	all window components & waste in
	dumpsters. Concrete surfaces wiped twice
	with diesel soaked rag. Second set of air
	samples completed.
3P	Work completed for this shift. Left site

Air Quality Report

Client / Proj. #: 60.05187.0024
Job Site: Agassiz School
Work Area: Rm 304
Date of Collection: 12-31-09
Collected by: M. Puyana
Signature:

Date of Analysis: 12-31-09
Method of Analysis: NIOSH 7400
Analyst Signature:
Microscope Make: Olympus
Microscope Model: CH2
Microscope Number:

Project Manager:
On site Contact:
Phone Number:

Batch Number:

Sample No.	LOCATION	Sample Type (1-9)	Pump On (2400)	Pump Off (2400)	Rotometer (LPM) On	Rotometer (LPM) Off	Rate (LPM)	Time (Min)	Air Volume (Liters)	L.O.D. 2.7/V	Actual Count (/100)	Adjusted Count (/100)	Result (F/CC)	Analyst Initials
01	**Field Blank**	FB									0	0	—	mP
02	**Field Blank**	FB									0	0	—	mP
03	Room 304 near window	4	705A	1005A	10.0	10.0	10.0	180	1800	0.002	11	11	0.003	mP
04	Room 304 near window	3	805A	1105A	10.0	10.0	10.0	180	1800	0.002	14	14	0.004	mP
05	Room 205 near window	3	11A	2P	10.0	10.0	10.0	180	1800	0.002	10	10	0.003	mP
06	Room 204 near window	4	1105A	2005P	10.0	10.0	10.0	180	1800	0.002	9	9	0.003	mP
	Reference Slide													

Work Phase: 1) Background 2) Pre Abatement 3) During Prep Work 4) During Removal 5) During Final Clean 6) During Glovebag Removal 7) Final Air Clearance 8) Personal Air Sample 9) Associated Work

Rotameter Number: Calibration Date: Relinquished By: Received By:

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SITE CHECK LIST

Date 12-31-09 S S M T W T F

Project Name Agassiz School Project Number 60-05187-0024
Location Room 305 Work Phase
Client Name CSS Architects Client Contact
Contractor CCS Supervisor M Cohen
Equipment Used On-Site: HEPA vacuums, man lift, power & hand tools

Work Requirements/Procedures: All proper paper work, certifications and records on-site. Y N
If NO explain:

Security of job	Y	N	*Removal:*		
Warning signs posted	Y	N	• Wetting of asbestos surfactant	Y	N
HVAC shut down	Y	N	• Double bagged/drums properly labeled	Y	N
GFCI protection	Y	N	• Large components properly wrapped	Y	N
Moveable objects covered with 6-mil poly	Y	N	• HEPA vacuuming during g/b	Y	N
Non-moveable objects covered with poly	Y	N	*Encapsulation:*		
Isolation of work area:			• Airless sprayer	Y	N
• Openings sealed w/6-mil	Y	N	• Applied in layers	Y	N
• Large openings with critical barriers	Y	N	• Applied without disturbing asbestos	Y	N
Floors and walls:			• Encapsulation dry (post test)	Y	N
• Floors w/2 layers (12" overlap)	Y	N	*Clean up:*		
• Walls w/2 layers of 4-mil	Y	N	• No visible debris prior to post test	Y	N
• No seams @ floor-wall joints	Y	N	• Waste trailer on-site	Y	N
			Type of Respiratory Protection:		
			• 1/2 face: X		
			• PAPR:		
			• Type C:		

Check Exceptions: • Glove Bag: X • Impervious surfaces:

Comments:

Work Area:
1. Containment size:
2. Glove bag removal: X
3. % of work done:
4. No. of workers: 3
5. Amt. of material: SF LF
6. Mini-enclosures: X
7. Barriers (poly/plywood):
8. Project oversight X

Hygienist Info:
Time on-site: 730A Car used: Own No. of IH on-site: 1
Lunch break: Miles to site: No. IH billable: 1
Time left site: Total miles: Travel time to site:
Total time on-site: Tolls/parking: No. of Bulks: Airs:

Hygienist: M Ryan Project Manager:
DLWD #: AM 60524 No. of Waste Bags Removed:

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SITE LOG

Date: 1-4-10 **Hygienist:** M Puyana
Job #: 60.03187.0024 **Project Manager:**
Site/Station: Agassiz School U.P. Room 305, 207

Time	Comments
4P-	Arrive on site. Accessed work area & met
445P	CCS personnel. Prefwork completed &
	window removal begun. 2 air samples for-
	area monitoring begun in classrooms. Prep
	in progress in Rms 206 & 207.
530P	Air samples running. Window work in progress.
630P	Air samples running. Window work in
	progress. work area secure.
Note	Window frames cut sufficiently to permit
	removal from rough opening. Cut points cleaned
	of all ACM/PCB caulk & glaze & wiped with
	diesel fuel.
715P-	First set of air samples completed. 2 air samples
745P	for area monitoring begun in classrooms. Window
	work in progress.
830P-	Air samples running. Window work in progress.
9P	Removed window sections wrapped & placed in
	waste dumpster. Loose debris bagged.
10P	Air samples running. Window work in progress.
1030P-	Second set of air samples completed. Window
11P	work completed for this shift. Work
	site secured. All ACM/PCB waste placed in
	dumpster. Left site.

Air Quality Report

Client / Proj. #: 60.03187.0024
Job Site: Agassiz School
Work Area: Room 305, 205
Date of Collection: 1-4-10
Collected by: M Puyana
Signature:

Date of Analysis: 1-4-10
Method of Analysis: NIOSH 7400
Analyst Signature:
Microscope Make: Olympus
Microscope Model: CH2
Microscope Number:

Project Manager:
On site Contact:
Phone Number:

Batch Number:

Sample No.	LOCATION	Sample Type (1-9)	Pump On (2400)	Pump Off (2400)	Rotometer (LPM) On	Rotometer (LPM) Off	Rate (LPM)	Time (Min)	Air Volume (Liters)	L.O.D. 2.7/V	Actual Count (/100)	Adjusted Count (/100)	Result (F/CC)	Analyst Initials
01	**Field Blank**	FB	—								0	0	—	MP
02	**Field Blank**	FB	—								0	0	—	MP
03	Room 205	4	420P	720P	10.0	10.0	10.0	180	1800	0.002	13	13	0.004	MP
04	Room 305	4	435P	735P	10.0	10.0	10.0	180	1800	0.002	15	15	0.004	MP
05	Room 206	4	730P	1030P	10.0	10.0	10.0	180	1800	0.002	10	10	0.003	MP
06	Room 306	4	740P	1040P	10.0	10.0	10.0	180	1800	0.002	8	8	0.002	MP
	Reference Slide													

Work Phase: 1) Background 2) Pre Abatement 3) During Prep Work 4) During Removal 5) During Final Clean 6) During Glovebag Removal 7) Final Air Clearance 8) Personal Air Sample 9) Associated Work

Rotameter Number: Calibration Date: Relinquished By: Received By:

NOTE: The ATC Associates Inc. Lab meets the requirements set forth by AHERA 40 CFR 763.90 (i)(2)(ii). FILTERS ARE 25MM MCE.

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SITE CHECK LIST

Date 1-4-10 S S M T W T F

Project Name Agassiz School Project Number 60.03187.0024
Location Rms 305, 205 Work Phase
Client Name CSS Architects Client Contact
Contractor CCS Supervisor M Cohen
Equipment Used On-Site: man lift, HEPA vacuum, Power hand Tools

Work Requirements/Procedures: All proper paper work, certifications and records on-site. (Y) N
If NO explain:

Security of job	(Y)	N
Warning signs posted	(Y)	N
HVAC shut down	Y	(N)
GFCI protection	(Y)	N
Moveable objects covered with 6-mil poly	(Y)	N
Non-moveable objects covered with poly	(Y)	N
Isolation of work area:		
• Openings sealed w/6-mil	(Y)	N
• Large openings with critical barriers	(Y)	N
Floors and walls:		
• Floors w/2 layers (12" overlap)	(Y)	N
• Walls w/2 layers of 4-mil	Y	(N)
• No seams @ floor-wall joints	Y	(N)

Removal:		
• Wetting of asbestos surfactant	(Y)	N
• Double bagged/drums properly labeled	(Y)	N
• Large components properly wrapped	(Y)	N
• HEPA vacuuming during g/b	(Y)	N
Encapsulation:		
• Airless sprayer	Y	(N)
• Applied in layers	Y	(N)
• Applied without disturbing asbestos	Y	(N)
• Encapsulation dry (post test)	Y	N
Clean up:		
• No visible debris prior to post test	Y	(N)
• Waste trailer on-site	(Y)	N
Type of Respiratory Protection:		
• 1/2 face:	X	
• PAPR:		
• Type C:		

Check Exceptions: • Glove Bag: X • Impervious surfaces: X

Comments:

Work Area:
1. Containment size:
2. Glove bag removal: NA
3. % of work done:
4. No. of workers: 3
5. Amt. of material: SF LF
6. Mini-enclosures: X
7. Barriers (poly/plywood):
8. Project oversight X

Hygienist Info:
Time on-site: 48 Car used: OWN No. of IH on-site: 1
Lunch break: Miles to site: No. IH billable: 1
Time left site: Total miles: Travel time to site:
Total time on-site: Tolls/parking: No. of Bulks: Airs:

Hygienist: M Puyana Project Manager:
DLWD #: AH 60524 No. of Waste Bags Removed:

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SITE LOG

Date: 1-5-10 **Hygienist:** M Puyana
Job #: 60.03187.0024 **Project Manager:**
Site/Station: Agassiz School J.R. Room 307, 207

Time	Comments
430P-	Arrive on site, met CCS personnel & accessed
5P	work area. Window work in progress. Work
	area prepped & secure. 2 air samples for area
	monitoring begun in Classrooms 207 & 307.
530P-	Air samples running. I visually inspected 4
630P-	window openings for completion - Rms 305, 205, 204, 306.
7P	Touch up cleaning required & performed immediately.
	All ACM/PCB removal complete. Surfaces wiped
	with diesel fuel.
7P-	Attended job site meeting to discuss project
830P-	details. Air samples running. I visually
9P-	inspected windows for Rms 207 & 307. All
930P	ACM/PCB removal complete. Surfaces wiped with
	diesel fuel. First set of air samples completed
	One sample for background monitoring
	begun on Floor 1. 2 samples for area monitoring
	begun in Rooms 207 & 308.
10P	Window removal in progress for Room 308.
	Air samples running.
1030P-	Second set of air samples completed.
11P	Window work completed for this shift.
	Work area cleaned up & waste placed in
	dumpster. Left site.

Air Quality Report

Client / Proj. #: 60.05187.0024
Job Site: Agassiz School
Work Area: Rooms 307, 207
Date of Collection: 1-5-10
Collected by: M Puyana
Signature:

Date of Analysis: 1-5-10
Method of Analysis: NIOSH 7400
Analyst Signature:
Microscope Make: Olympus
Microscope Model: CH2
Microscope Number:

Project Manager:
On site Contact:
Phone Number:

Batch Number:

Sample No.	LOCATION	Sample Type (1-9)	Pump On (2400)	Pump Off (2400)	Rotometer (LPM) On	Rotometer (LPM) Off	Rate (LPM)	Time (Min)	Air Volume (Liters)	L.O.D. 2.7/V	Actual Count (/100)	Adjusted Count (/100)	Result (F/CC)	Analyst Initials
01	**Field Blank**	FB									0	0	—	MP
02	**Field Blank**	FB									0	0	—	MP
03	Room 207	4	450P	850	10.0	10.0	10.0	240	2400	0.001	18	18	0.004	MP
04	Room 307	4	5P	9P	10.0	10.0	10.0	240	2400	0.001	19	19	0.004	MP
05	hallway e Room 108	1	915P	1035P	15.0	15.0	15.0	80	1200	0.002	10	10	0.004	MP
06	Room 207	4	920P	1040P	15.0	15.0	15.0	80	1200	0.002	11	11	0.004	MP
07	Room 308	4	925P	1045P	15.0	15.0	15.0	80	1200	0.002	9	9	0.004	MP
	Reference Slide													

Work Phase: 1) Background 2) Pre Abatement 3) During Prep Work 4) During Removal 5) During Final Clean 6) During Glovebag Removal 7) Final Air Clearance 8) Personal Air Sample 9) Associated Work

Rotameter Number: Calibration Date: Relinquished By: Received By:

NOTE: The ATC Associates Inc. Lab meets the requirements set forth by AHERA 40 CFR 763.90 (i)(2)(ii). FILTERS ARE 25MM MCE.

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SITE CHECK LIST

Date 1-5-10 S S M T W T F

Project Name Agassiz School Project Number 60.03187.0024
Location Rms 207, 307 Work Phase
Client Name CSS Architects Client Contact
Contractor CCS Supervisor Jm Cohen
Equipment Used On-Site: HEPA vacuums, Power & hand Tools, man lift

Work Requirements/Procedures: All proper paper work, certifications and records on-site. Y/N
If **NO** explain:

Security of job	Y	N	*Removal:*		
Warning signs posted	Y	N	• Wetting of asbestos surfactant	Y	N
HVAC shut down	Y	N	• Double bagged/drums properly labeled	Y	N
GFCI protection	Y	N	• Large components properly wrapped	Y	N
Moveable objects covered with 6-mil poly	Y	N	• HEPA vacuuming during g/b	Y	N
Non-moveable objects covered with poly	Y	N	*Encapsulation:*		
Isolation of work area:			• Airless sprayer	Y	N
• Openings sealed w/6-mil	Y	N	• Applied in layers	Y	N
• Large openings with critical barriers	Y	N	• Applied without disturbing asbestos	Y	N
Floors and walls:			• Encapsulation dry (post test)	Y	N
• Floors w/2 layers (12" overlap)	Y	N	*Clean up:*		
• Walls w/2 layers of 4-mil	Y	N	• No visible debris prior to post test	Y	N
• No seams @ floor-wall joints	Y	N	• Waste trailer on-site	Y	N
			Type of Respiratory Protection:		
			• 1/2 face: X		
			• PAPR:		
			• Type C:		

Check Exceptions: • Glove Bag: X • Impervious surfaces: NA

Comments:

Work Area:
1. Containment size:
2. Glove bag removal: X
3. % of work done:
4. No. of workers: 3
5. Amt. of material: SF LF
6. Mini-enclosures: X
7. Barriers (poly/plywood):
8. Project oversight NA

Hygienist Info:
Time on-site: 4P Car used: Own No. of IH on-site: 1
Lunch break: Miles to site: No. IH billable: 1
Time left site: 11P Total miles: Travel time to site:
Total time on-site: Tolls/parking: No. of Bulks: Airs:

Hygienist: Jm Puyana Project Manager:
DLWD #: Am 60526 No. of Waste Bags Removed:

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Air Quality Report

Client / Proj. #: 60.05182.0029
Job Site: Agassiz School
Work Area: Rooms 208, 308
Date of Collection: 1-6-10
Collected by: [illegible]
Signature: [illegible]

Date of Analysis: 1-6-10
Method of Analysis: NIOSH 7400
Analyst Signature: [illegible]
Microscope Make: Olympus
Microscope Model: CH2
Microscope Number:

Project Manager:
On site Contact:
Phone Number:

Batch Number:

Sample No.	LOCATION	Sample Type (1-9)	Pump On (2400)	Pump Off (2400)	Rotometer (LPM) On	Rotometer (LPM) Off	Rate (LPM)	Time (Min)	Air Volume (Liters)	L.O.D. 2.7/V	Actual Count (/100)	Adjusted Count (/100)	Result (F/CC)	Analyst Initials
01	**Field Blank**	FB	—	—	—	—	—	—	—	—	0	0	—	mP
02	**Field Blank**	FB	—	—	—	—	—	—	—	—	0	0	—	mP
03	Room 208	4	450P	820P	10.0	10.0	10.0	210	2100	0.002	15	15	.004 [redacted]	mP
04	Room 308	4	455P	820P	10.0	10.0	10.0	210	2100	0.002	11	11	0.003 [redacted]	mP
05	Room 101	1	520P	—	10.0	—	—	—	—	—	Pump Turned off by unauthorized person. Sample invalid			~~mP~~
06	Room 209	4	822P	1022P	10.0	10.0	10.0	120	1200	0.002	10	10	0.004	mP
07	Room 310	4	828P	1028P	10.0	10.0	10.0	120	1200	0.002	8	8	0.003	mP
	Reference Slide													

Work Phase: 1) Background 2) Pre Abatement 3) During Prep Work 4) During Removal 5) During Final Clean 6) During Glovebag Removal 7) Final Air Clearance 8) Personal Air Sample 9) Associated Work

Rotameter Number: Calibration Date: Relinquished By: Received By:

NOTE: The ATC Associates Inc. Lab meets the requirements set forth by AHERA 40 CFR 763.90 (i)(2)(ii). FILTERS ARE 25MM MCE.

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SITE LOG

Date: 1-6-10 **Hygienist:** M Ryan
Job #: 60-03182-0024 **Project Manager:**
Site/Station: Agassiz School J. P. Rooms 208, 308

Time	Comments
3P-	Arrive on site. Met CCS personnel & accessed
4P-	work area. Prepwork for Rooms 208 & 308
4:30P	conducted. Window removal begun.
4:45P-	2 air samples for area monitoring begun in
5:30P	Rooms 208 & 308. One air sample for background
	monitoring begun in Room 101. Window removal
	in progress. AOA installing new windows.
6:15P-	Air samples running. Window work in
7P	progress. Interior prepwork on Floor 3
	windows in progress. Mr. Gitten on site - we
	discussed project details.
7:30P-	I conducted & passed visual inspection of Room 208
8:15P	& 308 windows. All ACM/PCBs removed & windows
	clean. Surfaces wiped with hexane. Ground
	cleanup conducted.
8:15P-	First set of air samples completed. 2 air
9P	samples for area monitoring begun in Rooms
	209 & 310. CCS moved to Room 310 window
	to begin removal. Background sample in Room 101
	disturbed by unauthorized person - sample invalid.
9:45P	Air samples running. Window work in progress.
10:15P-	Second set of air samples completed. Window
11P	removal & cleanup completed for this shift.
	Work area secure. Left site

SITE CHECK LIST

Date 1-6-10 S S M T W T F

Project Name Agassiz School Project Number 60-05187 0024
Location Rms 208, 308, 310 Work Phase
Client Name CSS Architects Client Contact
Contractor CCS Supervisor M Cohen
Equipment Used On-Site: man lift, HEPA vacuums, power & hand Tools

Work Requirements/Procedures: All proper paper work, certifications and records on-site. Y/N
If NO explain:

Security of job	Y	N	*Removal:*		
Warning signs posted	Y	N	• Wetting of asbestos surfactant	Y	N
HVAC shut down	Y	N	• Double bagged/drums properly labeled	Y	N
GFCI protection	Y	N	• Large components properly wrapped	Y	N
Moveable objects covered with 6-mil poly	Y	N	• HEPA vacuuming during g/b	Y	N
Non-moveable objects covered with poly	Y	N	*Encapsulation:*		
Isolation of work area:			• Airless sprayer	Y	N
• Openings sealed w/6-mil	Y	N	• Applied in layers	Y	N
• Large openings with critical barriers	Y	N	• Applied without disturbing asbestos	Y	N
Floors and walls:			• Encapsulation dry (post test)	Y	N
• Floors w/2 layers (12" overlap)	Y	N	*Clean up:*		
• Walls w/2 layers of 4-mil	Y	N	• No visible debris prior to post test	Y	N
• No seams @ floor-wall joints	Y	N	• Waste trailer on-site	Y	N
			Type of Respiratory Protection:		
			• 1/2 face: X		
			• PAPR:		
			• Type C:		

Check Exceptions: • Glove Bag: X • Impervious surfaces:

Comments:

Work Area:
1. Containment size:
2. Glove bag removal: NA
3. % of work done:
4. No. of workers: 3
5. Amt. of material: SF LF
6. Mini-enclosures: NA
7. Barriers (poly/plywood):
8. Project oversight X

Hygienist Info:
Time on-site: 3P Car used: OWN No. of IH on-site: 1
Lunch break: Miles to site: No. IH billable: 1
Time left site: 11P Total miles: Travel time to site:
Total time on-site: Tolls/parking: No. of Bulks: Airs:

Hygienist: M Puyana Project Manager:
DLWD #: AM 60526 No. of Waste Bags Removed:

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SITE LOG

Date: 1-7-10 **Hygienist:** M Puyana
Job #: 60.05187.0024 **Project Manager:**
Site/Station: Agassiz School J.P. Rms 209, 310, 210

Time	Comments
3P-	Arrive on site. Met CCS Personnel &
445P	accessed work area. Prep work for exterior
	& interior window abatement conducted.
	Trees & bushes at southwest corner of building
	removed to permit work. A&A resumed win-
	dow installation. 2 air samples for area moni-
	toring begun in Rms 209 & 310. One background
	sample begun in Rm 101. Window removal resumed.
530P-	Air samples running. Interior prep work & window
615P	removal in progress. I visually inspected Room
	209 & 310 W windows for completion. All ACM/
	PCBs removed. Surfaces wiped with hexane.
730P-	Window removal for Rm 310 south in progress.
8P	First set of air samples completed. 2 air
	samples begun in 310 & 210. A&A window in-
	stallation in progress. No problems observed with
	dust control.
830P-	Air samples running. Window removal in progress.
9P	Waste placed in dumpster.
945P-	I visually inspected Rm 310 south windows -
1045P	all ACM/PCBs removed. Surfaces wiped with
11P	hexane. Second set of air samples completed.
	Waste cleaned up & placed in dumpster.
	Work completed for this shift.
	Left site.

Air Quality Report

Client / Proj. #: 60.03187.0024
Job Site: Agassiz School
Work Area: Rms 209
Date of Collection: 1-7-10
Collected by: M Ryan
Signature:

Date of Analysis: 1-7-10
Method of Analysis: NIOSH 7400
Analyst Signature:
Microscope Make: Olympus
Microscope Model: CH2
Microscope Number:

Project Manager:
On site Contact:
Phone Number:

Batch Number:

Sample No.	LOCATION	Sample Type (1-9)	Pump On (2400)	Pump Off (2400)	Rotometer (LPM) On	Rotometer (LPM) Off	Rate (LPM)	Time (Min)	Air Volume (Liters)	L.O.D. 2.7/V	Actual Count (/100)	Adjusted Count (/100)	Result (F/CC)	Analyst Initials
01	**Field Blank**	FB									0	0	—	mp
02	**Field Blank**	FB									0	0	—	mp
03	Room 101	1	4308	7308	10.0	10.0	10.0	180	1800	0.002	10	10	0.003	mp
04	Room 209	4	4358	7358	10.0	10.0	10.0	180	1800	0.002	13	13	0.004	mp
05	Room 310	4	4408	7408	10.0	10.0	10.0	180	1800	0.002	14	14	0.004	mp
06	Room 210	4	7358	10358	10.0	10.0	10.0	180	1800	0.002	12	12	0.003	mp
07	Room 310	4	7408	1040	10.0	10.0	10.0	180	1800	0.002	14	14	0.004	mp
	Reference Slide													

Work Phase: 1) Background 2) Pre Abatement 3) During Prep Work 4) During Removal 5) During Final Clean 6) During Glovebag Removal 7) Final Air Clearance 8) Personal Air Sample 9) Associated Work

Rotameter Number: Calibration Date: Relinquished By: Received By:

NOTE: The ATC Associates Inc. Lab meets the requirements set forth by AHERA 40 CFR 763.90 (i)(2)(ii). FILTERS ARE 25MM MCE.

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SITE CHECK LIST

Date 1-7-10 S S M T W T F

Project Name Agassiz School Project Number 60.05187.0024
Location Rms 209, 210, 310 Work Phase
Client Name CSS Client Contact
Contractor CCS Supervisor M Cohen
Equipment Used On-Site: manlift, HEPA vacuums, Power & hand Tools

Work Requirements/Procedures: All proper paper work, certifications and records on-site (Y)/N
If **NO** explain:

Security of job	(Y)	N	*Removal:*		
Warning signs posted	(Y)	N	• Wetting of asbestos surfactant	(Y)	N
HVAC shut down	(Y)	N	• Double bagged/drums properly labeled	(Y)	N
GFCI protection	(Y)	N	• Large components properly wrapped	(Y)	N
Moveable objects covered with 6-mil poly	(Y)	N	• HEPA vacuuming during g/b	Y	N
Non-moveable objects covered with poly	(Y)	N	*Encapsulation:*		
Isolation of work area:			• Airless sprayer	Y	(N)
• Openings sealed w/6-mil	(Y)	N	• Applied in layers	Y	(N)
• Large openings with critical barriers	(Y)	N	• Applied without disturbing asbestos	Y	(N)
Floors and walls:			• Encapsulation dry (post test)	Y	N
• Floors w/2 layers (12" overlap)	(Y)	N	*Clean up:*		
• Walls w/2 layers of 4-mil	Y	(N)	• No visible debris prior to post test	Y	(N)
• No seams @ floor-wall joints	Y	N	• Waste trailer on-site	(Y)	N
			Type of Respiratory Protection:		
			• 1/2 face: X		
			• PAPR:		
			• Type C:		

Check Exceptions: • Glove Bag: NA • Impervious surfaces: NA

Comments:

Work Area:
1. Containment size:
2. Glove bag removal: NA
3. % of work done:
4. No. of workers: 3
5. Amt. of material: SF LF
6. Mini-enclosures: NA
7. Barriers (poly/plywood): X
8. Project oversight X

Hygienist Info:
Time on-site: Car used: Own No. of IH on-site: 1
Lunch break: Miles to site: No. IH billable: 1
Time left site: Total miles: Travel time to site:
Total time on-site: Tolls/parking: No. of Bulks: Airs:

Hygienist: M Ryan Project Manager:
DLWD #: AM 60526 No. of Waste Bags Removed:

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SITE LOG

Date: 1-11-10 Hygienist: M Puyana
Job #: 60.05187.0024 Project Manager:
Site/Station: Agassiz School J.P. Rms, 2~~0~~1, 210, 109, 312

Time	Comments
4P-	Arrive on site. Met ECS personnel & accessed
5:30P	work area. V. Vladovich on site. Prework con-
	ducted for window removal & work begun on
	Rm 2~~0~~1 & 210 windows. I attempted to collect
	bulk samples of window glaze from Rm 104
	waste bundles - ACM not accessible in waste
	dumpster. M. Gitter informed.
6P	2 air samples for area monitoring begun
	in Rms 109 & 312. Window removal in progress.
	A&A conducting window installation - no
	problems observed with dust control.
7P	Air samples running. Window work in
	progress.
8P-	Window work in progress. First set of air
8:30P	samples completed. 2 air samples for area
	monitoring begun.
9P-	I visually inspected windows for Rms 210, 211,
9:45P	109, & 312. All ACM/PCBs removed & windows
	clean. Surfaces wiped with hexane
10P-	Cleanup work for abated windows conduc-
10:45P-	ted. Second set of air samples completed.
11P-	Cleanup of work area completed. New window
12P	installation & work completed for this shift.
	Left site

Page _____ of _____

Air Quality Report

Client / Proj. #: 60.03187.0024
Job Site: Agassiz School
Work Area: Rms 210, 209, 109
Date of Collection: 1-11-10
Collected by: M. Pugana
Signature: [signature]

Date of Analysis: 1-11-10
Method of Analysis: NIOSH 7400
Analyst Signature: [signature]
Microscope Make: Olympus
Microscope Model: CH2
Microscope Number:

Project Manager:
On site Contact:
Phone Number:

Batch Number:

Sample No.	LOCATION	Sample Type (1-9)	Pump On (2400)	Pump Off (2400)	Rotometer (LPM) On	Rotometer (LPM) Off	Rate (LPM)	Time (Min)	Air Volume (Liters)	L.O.D. 2.7/V	Actual Count (/100)	Adjusted Count (/100)	Result (F/CC)	Analyst Initials
01	**Field Blank**	FB									0	0	—	mp
02	**Field Blank**	FB									0	0	—	mp
03	Rm 109	4	555P	825P	10.0	10.0	10.0	150	1500	0.002	11	11	0.004	mp
04	Rm 312	4	6P	830P	10.0	10.0	10.0	150	1500	0.002	13	13	0.004	mp
05	Rm 109	4	825P	1055P	10.0	10.0	10.0	150	1500	0.002	10	10	0.003	mp
06	Rm 212	4	835P	1105P	10.0	10.0	10.0	150	1500	0.002	10	10	0.003	mp
	Reference Slide													

Work Phase: 1) Background 2) Pre Abatement 3) During Prep Work 4) During Removal 5) During Final Clean 6) During Glovebag Removal 7) Final Air Clearance 8) Personal Air Sample 9) Associated Work

Rotameter Number: Calibration Date: Relinquished By: Received By:

NOTE: The ATC Associates Inc. Lab meets the requirements set forth by AHERA 40 CFR 763.90 (i)(2)(ii). FILTERS ARE 25MM MCE.

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SITE CHECK LIST

Date 1-11-10 S S M T W T F

Project Name Agassiz School Project Number 60.03187.0024
Location Rms 209, 210, 109 Work Phase
Client Name CSS Client Contact
Contractor CCS Supervisor M Cohen
Equipment Used On-Site: man lift, power hand tools, HEPA vacuums

Work Requirements/Procedures: All proper paper work, certifications and records on-site. (Y)/N
If **NO** explain:

Security of job	(Y)	N	*Removal:*		
Warning signs posted	(Y)	N	• Wetting of asbestos surfactant	(Y)	N
HVAC shut down	(Y)	N	• Double bagged/drums properly labeled	(Y)	N
GFCI protection	(Y)	N	• Large components properly wrapped	(Y)	N
Moveable objects covered with 6-mil poly	(Y)	N	• HEPA vacuuming during g/b	(Y)	N
Non-moveable objects covered with poly	(Y)	N	*Encapsulation:*		
Isolation of work area:			• Airless sprayer	Y	(N)
• Openings sealed w/6-mil	(Y)	N	• Applied in layers	Y	(N)
• Large openings with critical barriers	(Y)	N	• Applied without disturbing asbestos	Y	(N)
Floors and walls:			• Encapsulation dry (post test)	Y	(N)
• Floors w/2 layers (12" overlap)	(Y)	N	*Clean up:*		
• Walls w/2 layers of 4-mil	Y	(N)	• No visible debris prior to post test	Y	(N)
• No seams @ floor-wall joints	Y	(N)	• Waste trailer on-site	(Y)	N

Type of Respiratory Protection:
• 1/2 face: X
• PAPR:
• Type C:

Check Exceptions: • Glove Bag: X • Impervious surfaces: NA

Comments:

Work Area:
1. Containment size:
2. Glove bag removal: X
3. % of work done:
4. No. of workers:
5. Amt. of material: SF LF
6. Mini-enclosures: NA
7. Barriers (poly/plywood): X
8. Project oversight X

Hygienist Info:
Time on-site: 4P Car used: Own No. of IH on-site: 1
Lunch break: Miles to site: No. IH billable: 1
Time left site: Total miles: Travel time to site:
Total time on-site: Tolls/parking: No. of Bulks: Airs:

Hygienist: M. Puyana Project Manager:
DLWD #: Am 60524 No. of Waste Bags Removed:

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SITE LOG

Date: 1-12-10 **Hygienist:** M Puxann
Job #: 60.0J187.0024 **Project Manager:**
Site/Station: Agassiz School J.P. Room 128

Time	Comments
4:30P	Arrive on site, met CCS personnel & accessed
5P	work area. Prefwork for Room 128 windows
	completed & window removal begun. One
	air sample for area monitoring begun in Rm 128.
	One background sample begun in Rm 201.
	Installation of new windows in progress.
6P	Air samples running. Window work in progress.
7P	Air samples running. Window work in progress.
	No problems observed with dust control for
	new window installation.
7:45P-	Background air sample in Room 201 comple-
8P	ted. First sample in Room 128 completed &
	one new air sample begun in this location.
	Window removal in progress.
9P	Air sample running. Window work in progress.
10P	Second set of air samples completed.
	I visually inspected & cleared the first
	2 windows abated this shift - no PCB
	caulking observed. Window removal in
	progress. Left site.

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Air Quality Report

Client / Proj. #: 60.03187.0024
Job Site: Agassiz School
Work Area: Room 128
Date of Collection: 1-12-10
Collected by: M Pyrana
Signature:

Date of Analysis: 1-12-10
Method of Analysis: NIOSH 7400
Analyst Signature:
Microscope Make: Olympus
Microscope Model: CH2
Microscope Number:

Project Manager:
On site Contact:
Phone Number:

Batch Number:

Sample No.	LOCATION	Sample Type (1-9)	Pump On (2400)	Pump Off (2400)	Rotometer (LPM) On	Rotometer (LPM) Off	Rate (LPM)	Time (Min)	Air Volume (Liters)	L.O.D. 2.7/V	Actual Count (/100)	Adjusted Count (/100)	Result (F/CC)	Analyst Initials
01	**Field Blank**	FB	—	—	—	—	—	—	—	—	0	0	—	mp
02	**Field Blank**	FB	—	—	—	—	—	—	—	—	0	0	—	mp
03	Room 201	1	445P	745P	10.0	10.0	10.0	180	1800	0.002	8	8	0.002	mp
04	Room 128	4	5P	8P	10.0	10.0	10.0	180	1800	0.002	12	12	0.003	mp
05	Room 128	4	8P	10P	10.0	10.0	10.0	120	1200	0.002	11	11	0.003	mp
	Reference Slide													

Work Phase: 1) Background 2) Pre Abatement 3) During Prep Work 4) During Removal 5) During Final Clean 6) During Glovebag Removal 7) Final Air Clearance 8) Personal Air Sample 9) Associated Work

Rotameter Number: Calibration Date: Relinquished By: Received By:

NOTE: The ATC Associates Inc. Lab meets the requirements set forth by AHERA 40 CFR 763.90 (i)(2)(ii). FILTERS ARE 25MM MCE.

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SITE CHECK LIST

Date 1-12-10 S S M T W T F

Project Name Agassiz School
Project Number 60.05187.0024
Location Room 128
Work Phase
Client Name CSS
Client Contact
Contractor CCS
Supervisor M Cohen

Equipment Used On-Site: manlift, HEPA vacuum, power & hand tools

Work Requirements/Procedures: All proper paper work, certifications and records on-site. (Y)/N
If **NO** explain:

Security of job	(Y)	N
Warning signs posted	(Y)	N
HVAC shut down	(Y)	N
GFCI protection	(Y)	N
Moveable objects covered with 6-mil poly	(Y)	N
Non-moveable objects covered with poly	(Y)	N
Isolation of work area:		
• Openings sealed w/6-mil	(Y)	N
• Large openings with critical barriers	(Y)	N
Floors and walls:		
• Floors w/2 layers (12" overlap)	(Y)	N
• Walls w/2 layers of 4-mil	Y	(N)
• No seams @ floor-wall joints	Y	(N)

Removal:		
• Wetting of asbestos surfactant	Y	N
• Double bagged/drums properly labeled	Y	N
• Large components properly wrapped	Y	N
• HEPA vacuuming during g/b	Y	N
Encapsulation:		
• Airless sprayer	Y	(N)
• Applied in layers	Y	(N)
• Applied without disturbing asbestos	Y	(N)
• Encapsulation dry (post test)	Y	N
Clean up:		
• No visible debris prior to post test	Y	(N)
• Waste trailer on-site	(Y)	N

Type of Respiratory Protection:
- 1/2 face: X
- PAPR:
- Type C:

Check Exceptions: • Glove Bag: NA • Impervious surfaces: NA

Comments:

Work Area:
1. Containment size:
2. Glove bag removal: NA
3. % of work done:
4. No. of workers:
5. Amt. of material: SF LF
6. Mini-enclosures: NA
7. Barriers (poly/plywood): X
8. Project oversight X

Hygienist Info:

Time on-site: 430P	Car used: Own	No. of IH on-site: 1
Lunch break:	Miles to site:	No. IH billable: 1
Time left site:	Total miles:	Travel time to site:
Total time on-site:	Tolls/parking:	No. of Bulks: Airs:

Hygienist: M Puyana
Project Manager:
DLWD #: Am 60526
No. of Waste Bags Removed:

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ATC ASSOCIATES INC. 333 Washington Highway, Smithfield, RI 02917 (401) 232-3353 FAX (401) 232-1130

SITE LOG

Date: 1-13-10 **Hygienist:** M Ruyana
Job #: 60.03187.0024 **Project Manager:**
Site/Station: Agassiz School V.P. Rooms 212, 313, 213

Time	Comments
4P-	Arrive on site. MET CCS Personnel & accessed
530P	work area. Prework conducted & window
	removal begun. Installation of new window
	resumed by A&A. Prework inside building
	for window removal resumed. 2 air sam-
	ples for area monitoring begun in Rms 212 &
	313. One background air sample begun in
	Rm 215.
615P	Air samples running. Window work in
	Progress.
7P	Air samples running. Window work in Progress.
	New window installation in Progress - no
	problems observed with dust control.
750P-	First set of air samples completed. 2 air
830P	samples for area monitoring begun in Rms
	213 & 125F. Background sample in Room 215
	completed. Window work in Progress.
915P	Air samples running. Window work in Progress.
945P-	I visually inspected windows for completion -
1045P-	all ACM/PCBs removed & windows clean.
11P-	Surfaces wiped with hexane. Second set
12P	of air samples completed. Cleanup of
	work area conducted & waste placed in
	dumpster. Work site secure & work
	completed for this shift. Left site.

Page _____ of _____

Air Quality Report

Client / Proj. #: 60.03187.0024
Job Site: Agassiz School
Work Area: Rms 315, 212, 213
Date of Collection: 1-13-10
Collected by: M Ruyaa
Signature:

Date of Analysis: 1-13-10
Method of Analysis: NIOSH 7400
Analyst Signature:
Microscope Make: Olympus
Microscope Model: CH2
Microscope Number:

Project Manager:
On site Contact:
Phone Number:
Batch Number:

Sample No.	LOCATION	Sample Type (1-9)	Pump On (2400)	Pump Off (2400)	Rotometer (LPM) On	Rotometer (LPM) Off	Rate (LPM)	Time (Min)	Air Volume (Liters)	L.O.D. 2.7/V	Actual Count (/100)	Adjusted Count (/100)	Result (F/CC)	Analyst Initials
01	**Field Blank**	FB	—	—	—	—	—	—	—	—	0	0	—	mp
02	**Field Blank**	FB	—	—	—	—	—	—	—	—	0	0	—	mp
03	Room 212	4	450p	750p	10.0	10.0	10.0	180	1800	0.002	12	12	0.003	mp
04	Room 313	4	450p	750p	10.0	10.0	10.0	180	1800	0.002	13	13	0.004	mp
05	Room 215	1	520p	820p	10.0	10.0	10.0	180	1800	0.002	15	15	0.004	mp
06	Room 213	4	750p	1050p	10.0	10.0	10.0	180	1800	0.002	9	9	0.002	mp
07	Room 125F	4	8p	11p	10.0	10.0	10.0	180	1800	0.002	11	11	0.003	mp
	Reference Slide													

Work Phase: 1) Background 2) Pre Abatement 3) During Prep Work 4) During Removal 5) During Final Clean 6) During Glovebag Removal 7) Final Air Clearance 8) Personal Air Sample 9) Associated Work

Rotameter Number: Calibration Date: Relinquished By: Received By:

NOTE: The ATC Associates Inc. Lab meets the requirements set forth by AHERA 40 CFR 763.90 (i)(2)(ii). FILTERS ARE 25MM MCE.

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SITE CHECK LIST

Date 1-13-10 S S M T W T F

Project Name Agassiz School Project Number 60.03187.0029
Location Rms 212, 213, 313, 125F Work Phase
Client Name CSJ Client Contact
Contractor CCJ Supervisor M Cohen
Equipment Used On-Site: man lift HEPA vacuums, Power & hand Tools

Work Requirements/Procedures: All proper paper work, certifications and records on-site. Y/N
If **NO** explain:

Security of job	Y	N	*Removal:*		
Warning signs posted	Y	N	• Wetting of asbestos surfactant	Y	N
HVAC shut down	Y	N	• Double bagged/drums properly labeled	Y	N
GFCI protection	Y	N	• Large components properly wrapped	Y	N
Moveable objects covered with 6-mil poly	Y	N	• HEPA vacuuming during g/b	Y	N
Non-moveable objects covered with poly	Y	N	*Encapsulation:*		
Isolation of work area:			• Airless sprayer	Y	N
• Openings sealed w/6-mil	Y	N	• Applied in layers	Y	N
• Large openings with critical barriers	Y	N	• Applied without disturbing asbestos	Y	N
Floors and walls:			• Encapsulation dry (post test)	Y	N
• Floors w/2 layers (12" overlap)	Y	N	*Clean up:*		
• Walls w/2 layers of 4-mil	Y	N	• No visible debris prior to post test	Y	N
• No seams @ floor-wall joints	Y	N	• Waste trailer on-site	Y	N

Type of Respiratory Protection:
- 1/2 face: X
- PAPR:
- Type C:

Check Exceptions: • Glove Bag: NA • Impervious surfaces: NA

Comments:

Work Area:
1. Containment size:
2. Glove bag removal: NA
3. % of work done:
4. No. of workers: 3
5. Amt. of material: SF LF
6. Mini-enclosures: NA
7. Barriers (poly/plywood): X
8. Project oversight X

Hygienist Info:

Time on-site: 4P	Car used: Own	No. of IH on-site: 1
Lunch break:	Miles to site:	No. IH billable: 1
Time left site: 12A	Total miles:	Travel time to site:
Total time on-site:	Tolls/parking:	No. of Bulks: Airs:

Hygienist: M Puyana Project Manager:
DLWD #: AM 60526 No. of Waste Bags Removed:

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SITE LOG

Date: 1-14-10 **Hygienist:** M Puyana
Job #: 60.05187.0024 **Project Manager:**
Site/Station: Agassiz School J.P. Rms 214, 314, 215, 216

Time	Comments
4P-	Arrive on site. met CCS & accessed work
5P	area. Prepwork conducted & window
	removal resumed - Rms 214, 314
	New window installation resumed. V. Vladovich
	onsite to collect PCB concrete samples, 2 air
	samples for area monitoring begun in Rms
	214 & 314.
6P	Air samples running. Window work in
	progress.
7P	Airsamples running. Window work in progress.
	New window installation in progress - no
	problems observed with dust control.
8P	First set of air samples completed. 2 air
	samples for area monitoring begun in Rooms
	215 & 216. Window work in progress.
9P	Air samples running. Window work in progress.
10P	Air samples running. Window work in progress.
	No problems observed with dust control for new
	window installation.
11P-	Second set of air samples completed. Win-
12P	dows visually inspected for completion. All
	ACM/PCBs removed & surfaces wiped with
	hexane. Waste placed in dumpster. Work
	completed for this shift. Left site.

Air Quality Report

Client / Proj. #: 60.05187.0024
Job Site: Agassiz School
Work Area: Rm 214, 314
Date of Collection: 1-14-10
Collected by: M Puyana
Signature: [signature]

Date of Analysis: 1-14-10
Method of Analysis: NIOSH 7400
Analyst Signature: [signature]
Microscope Make: Olympus
Microscope Model: CH 2
Microscope Number:

Project Manager:
On site Contact:
Phone Number:

Batch Number:

Sample No.	LOCATION	Sample Type (1-9)	Pump On (2400)	Pump Off (2400)	Rotometer (LPM) On	Rotometer (LPM) Off	Rate (LPM)	Time (Min)	Air Volume (Liters)	L.O.D. 2.7/V	Actual Count (/100)	Adjusted Count (/100)	Result (F/CC)	Analyst Initials
01	**Field Blank**	FB	—	—	—	—	—	—	—	—	0	0	—	MP
02	**Field Blank**	FB	—	—	—	—	—	—	—	—	0	0	—	MP
03	Room 214	4	4558	7558	10.0	10.0	10.0	180	1800	0.002	10	10	0.003	MP
04	Room 314	4	5P	8P	10.0	10.0	10.0	180	1800	0.002	9	9	0.003	MP
05	Room 215	4	7558	10558	10.0	10.0	10.0	180	1800	0.002	8	8	0.002	MP
05	Room 216	4	8P	11P	10.0	10.0	10.0	180	1800	0.002	14	14	0.004	MP
	Reference Slide													

Work Phase: 1) Background 2) Pre Abatement 3) During Prep Work 4) During Removal 5) During Final Clean 6) During Glovebag Removal 7) Final Air Clearance 8) Personal Air Sample 9) Associated Work

Rotameter Number: Calibration Date: Relinquished By: Received By:

NOTE: The ATC Associates Inc. Lab meets the requirements set forth by AHERA 40 CFR 763.90 (i)(2)(ii). FILTERS ARE 25MM MCE.

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SITE CHECK LIST

Date 1-14-10 S S M T W T F

Project Name Agassiz School Project Number 6A 05187.0024
Location Rms 214, 314, 215 Work Phase
Client Name CSS Client Contact
Contractor CCS Supervisor M Cohen
Equipment Used On-Site: manlift, HEPA vacuums, Power & hand Tools

Work Requirements/Procedures: All proper paper work, certifications and records on-site. (Y) N
If **NO** explain:

Security of job	(Y)	N	*Removal:*		
Warning signs posted	(Y)	N	• Wetting of asbestos surfactant	(Y)	N
HVAC shut down	(Y)	N	• Double bagged/drums properly labeled	(Y)	N
GFCI protection	(Y)	N	• Large components properly wrapped	(Y)	N
Moveable objects covered with 6-mil poly	(Y)	N	• HEPA vacuuming during g/b	(Y)	N
Non-moveable objects covered with poly	(Y)	N	*Encapsulation:*		
Isolation of work area:			• Airless sprayer	Y	(N)
• Openings sealed w/6-mil	(Y)	N	• Applied in layers	Y	(N)
• Large openings with critical barriers	(Y)	N	• Applied without disturbing asbestos	Y	(N)
Floors and walls:			• Encapsulation dry (post test)	Y	(N)
• Floors w/2 layers (12" overlap)	(Y)	N	*Clean up:*		
• Walls w/2 layers of 4-mil	Y	(N)	• No visible debris prior to post test	Y	(N)
• No seams @ floor-wall joints	Y	(N)	• Waste trailer on-site	(Y)	N

Type of Respiratory Protection:
• 1/2 face: X
• PAPR:
• Type C:

Check Exceptions: • Glove Bag: NA • Impervious surfaces: NA

Comments:

Work Area:
1. Containment size:
2. Glove bag removal: NA
3. % of work done:
4. No. of workers: 3
5. Amt. of material: SF LF
6. Mini-enclosures: NA
7. Barriers (poly/plywood): X
8. Project oversight X

Hygienist Info:
Time on-site: 4P Car used: Own No. of IH on-site: 1
Lunch break: Miles to site: No. IH billable: 1
Time left site: Total miles: Travel time to site:
Total time on-site: Tolls/parking: No. of Bulks: Airs:

Hygienist: M Puyana Project Manager:
DLWD #: AM 60526 No. of Waste Bags Removed:

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SITE LOG

Date: 1-15-10 **Hygienist:** M Ruyana
Job #: 60.03187.0024 **Project Manager:**
Site/Station: Agassiz School S.P. Rms 124, 125 C

Time	Comments
4P-	Arrive on site. Met CCS & accessed work area.
5P	Prepwork conducted & window removal begun.
	New window installation resumed. Interior
	prepwork on windows resumed. V. Vladovich
	on site to collect PCB concrete samples.
	2 air samples for area monitoring begun in
	Rms 125C & 125D.
6P	Air samples running. Window work in progress.
7P	New window installation in progress - no prob-
	lems observed with dust control. CCS conducting
	window removal. Air samples running.
8P	First set of air samples completed. 2 air
	samples for area monitoring begun in Rms 124 &
	125E. Window removal in progress.
9P	Air samples running. Window work in progress.
9:45P-	I visually inspected abated windows for comple-
10:15P	tion. All ACM/PCBs removed & openings
	clean. Surfaces wiped with hexane. Clean-
	up work conducted.
10:30P-	Second set of air samples completed. Waste
11P-	placed in dumpster. New window installation
12P	& all other work completed for this shift.
	Left site.

Air Quality Report

Client / Proj. #: 60.03187.0024
Job Site: Agassiz School
Work Area: Rms 124, 125C
Date of Collection: 1-15-10
Collected by: M Ruyana
Signature:

Date of Analysis: 1-15-10
Method of Analysis: NIOSH 7400
Analyst Signature:
Microscope Make: Olympus
Microscope Model: CH2
Microscope Number:

Project Manager:
On site Contact:
Phone Number:

Batch Number:

Sample No.	LOCATION	Sample Type (1-9)	Pump On (2400)	Pump Off (2400)	Rotometer (LPM) On	Rotometer (LPM) Off	Rate (LPM)	Time (Min)	Air Volume (Liters)	L.O.D. 2.7/V	Actual Count (/100)	Adjusted Count (/100)	Result (F/CC)	Analyst Initials
01	**Field Blank**	FB									0	0	—	mp
02	**Field Blank**	FB									0	0	—	mp
03	Room 125D	4	4:50p	7:50p	10.0	10.0	10.0	180	1800	0.002	15	15	0.004	mp
04	Room 125C	4	4:55p	7:55p	10.0	10.0	10.0	180	1800	0.002	12	12	0.003	mp
05	Room 124	4	7:50p	10:20p	10.0	10.0	10.0	150	1500	0.002	11	11	0.003	mp
06	Room 125E	4	7:55p	10:25p	10.0	10.0	10.0	150	1500	0.002	12	12	0.003	mp
	Reference Slide													

Work Phase: 1) Background 2) Pre Abatement 3) During Prep Work 4) During Removal 5) During Final Clean 6) During Glovebag Removal 7) Final Air Clearance 8) Personal Air Sample 9) Associated Work

Rotameter Number: Calibration Date: Relinquished By: Received By:

NOTE: The ATC Associates Inc. Lab meets the requirements set forth by AHERA 40 CFR 763.90 (i)(2)(ii). FILTERS ARE 25MM MCE.

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SITE CHECK LIST

Date 1-15-10 S S M T W T F

Project Name Agassiz School Project Number 60 05187.0024
Location Rms 124, 125 C, D, E Work Phase
Client Name CSS Client Contact
Contractor CCS Supervisor M Cohen
Equipment Used On-Site: manlift, HEPA vacuums, power-d hand tools

Work Requirements/Procedures: All proper paper work, certifications and records on-site. (Y)/N
If **NO** explain:

Security of job	(Y)	N	*Removal:*		
Warning signs posted	(Y)	N	• Wetting of asbestos surfactant	(Y)	N
HVAC shut down	(Y)	N	• Double bagged/drums properly labeled	(Y)	N
GFCI protection	(Y)	N	• Large components properly wrapped	(Y)	N
Moveable objects covered with 6-mil poly	(Y)	N	• HEPA vacuuming during g/b	(Y)	N
Non-moveable objects covered with poly	(Y)	N	*Encapsulation:*		
Isolation of work area:			• Airless sprayer	Y	(N)
• Openings sealed w/6-mil	(Y)	N	• Applied in layers	Y	(N)
• Large openings with critical barriers	(Y)	N	• Applied without disturbing asbestos	Y	(N)
Floors and walls:			• Encapsulation dry (post test)	Y	(N)
• Floors w/2 layers (12" overlap)	(Y)	N	*Clean up:*		
• Walls w/2 layers of 4-mil	Y	(N)	• No visible debris prior to post test	Y	(N)
• No seams @ floor-wall joints	Y	(N)	• Waste trailer on-site	(Y)	N
			Type of Respiratory Protection:		
			• 1/2 face: X		
			• PAPR:		
			• Type C:		

Check Exceptions: • Glove Bag: NA • Impervious surfaces: NA

Comments:

Work Area:

1. Containment size:
2. Glove bag removal: NA
3. % of work done:
4. No. of workers: 3
5. Amt. of material: SF LF
6. Mini-enclosures: NA
7. Barriers (poly/plywood): X
8. Project oversight X

Hygienist Info:

Time on-site: 4P Car used: Own No. of IH on-site: 1
Lunch break: Miles to site: No. IH billable: 1
Time left site: Total miles: Travel time to site:
Total time on-site: Tolls/parking: No. of Bulks: Airs:

Hygienist: M Peyana Project Manager:
DLWD #: AM 60526 No. of Waste Bags Removed:

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SITE LOG

Date: 1-19-10 **Hygienist:** M Puxana
Job #: CO-03187.0024 **Project Manager:**
Site/Station: Agassiz School Jr. H. Rms, 203, 303

Time	Comments
4P-	Arrive on site. met CCS & accessed work
530P	area. Prework conducted & removal begun
	for Rms 303, 203, 103, 102. Prework conducted
	inside classrooms. Installation of new win-
	dows resumed. M. Gitter on site - discussed
	project details. 2 air samples for area moni-
	toring begun in Rms 303 & 203. One background
	sample begun in Rm 219.
630P	Air samples running. Window work in pro-
	gress.
715P-	Air samples running. Window removal completed
745P	for Rooms 203 & 303. All ACM/PCBs removed &
	surfaces wiped with hexane.
750P-	First set of air samples completed - 2 air
815P	samples for area monitoring begun in Rooms 103 &
	102. Background sample completed in Room 219.
	Window removal in progress. New window
	installation in progress - no problems observed
	with dust control.
	Air samples running. Window work in progress.
930P	Room 103 completed - all ACM/PCBs removed &
	surfaces wiped with hexane. Concrete sample
	collected.
1030P	Air samples running. New window installation
	completed for this shift. Room 102 window
	removal completed - all ACM/PCBs removed & sur-
	faces wiped with hexane. Concrete sample collected.
11P-	Second set of air samples completed. Waste put
12P	in dumpster. Work completed for this shift. Left site.

Air Quality Report

Client / Proj. #: 60 03182 0024
Job Site: Agassiz School
Work Area: Rm 303, 203
Date of Collection: 1-19-10
Collected by: M Puyana
Signature: [signature]

Date of Analysis: 1-19-10
Method of Analysis: NIOSH 7400
Analyst Signature: [signature]
Microscope Make: Olympus
Microscope Model: CH2
Microscope Number:

Project Manager:
On site Contact:
Phone Number:

Batch Number:

Sample No.	LOCATION	Sample Type (1-9)	Pump On (2400)	Pump Off (2400)	Rotometer (LPM) On	Rotometer (LPM) Off	Rate (LPM)	Time (Min)	Air Volume (Liters)	L.O.D. 2.7/V	Actual Count (/100)	Adjusted Count (/100)	Result (F/CC)	Analyst Initials
01	**Field Blank**	FB	—	—	—	—	—	—	—	—	0	0	—	MP
02	**Field Blank**	FB	—	—	—	—	—	—	—	—	0	0	—	MP
03	Room 203	4	4558	7558	10.0	10.0	10.0	180	1800	0.002	10	10	0.003	MP
04	Room 303	4	4558	7558	10.0	10.0	10.0	180	1800	0.002	8	8	0.002	MP
05	Room 219	1	5358	8358	10.0	10.0	10.0	180	1800	0.002	9	9	0.003	MP
06	Room 103	4	8108	11108	10.0	10.0	10.0	180	1800	0.002	12	12	0.003	MP
07	Room 102	4	8158	11158	10.0	10.0	10.0	180	1800	0.002	13	13	0.004	MP
	Reference Slide													

Work Phase: 1) Background 2) Pre Abatement 3) During Prep Work 4) During Removal 5) During Final Clean 6) During Glovebag Removal 7) Final Air Clearance 8) Personal Air Sample 9) Associated Work

Rotameter Number: Calibration Date: Relinquished By: Received By:

NOTE: The ATC Associates Inc. Lab meets the requirements set forth by AHERA 40 CFR 763.90 (i)(2)(ii). FILTERS ARE 25MM MCE.

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SITE CHECK LIST

Date 1-19-10 S S M T W T F

Project Name Agassiz School Project Number 60.03187.0024
Location Rms 303, 203, 103, 102 Work Phase
Client Name CSS Client Contact
Contractor CCS Supervisor M Cohen
Equipment Used On-Site: manlift, power & hand tools, HEPA vacuum

Work Requirements/Procedures: All proper paper work, certifications and records on-site. (Y)/N
If **NO** explain:

Security of job	(Y)	N	*Removal:*		
Warning signs posted	(Y)	N	• Wetting of asbestos surfactant	(Y)	N
HVAC ~~shut down~~	Y	(N)	• Double bagged/drums properly labeled	(Y)	N
GFCI protection	(Y)	N	• Large components properly wrapped	(Y)	N
Moveable objects covered			• HEPA vacuuming during g/b	(Y)	N
with 6-mil poly	(Y)	N	*Encapsulation:*		
Non-moveable objects			• Airless sprayer	Y	(N)
covered with poly	(Y)	N	• Applied in layers	Y	(N)
Isolation of work area:			• Applied without disturbing asbestos	Y	(N)
• Openings sealed w/6-mil	(Y)	N	• Encapsulation dry (post test)	Y	(N)
• Large openings with			*Clean up:*		
critical barriers	(Y)	N	• No visible ~~debris prior~~ to post test	Y	(N)
Floors and walls:			• Waste trailer on-site	(Y)	N
• Floors w/2 layers			*Type of Respiratory Protection:*		
(12" overlap)	(Y)	N	• 1/2 face: X		
• Walls w/2 layers of 4-mil	(Y)	N	• PAPR:		
• No seams @ floor-wall joints	(Y)	N	• Type C:		

Check Exceptions: • Glove Bag: NA • Impervious surfaces: NA

Comments:

Work Area:
1. Containment size:
2. Glove bag removal: NA
3. % of work done:
4. No. of workers: 3
5. Amt. of material: SF LF
6. Mini-enclosures: NA
7. Barriers (poly/plywood): X
8. Project oversight X

Hygienist Info:
Time on-site: 4P Car used: Own No. of IH on-site: 1
Lunch break: Miles to site: No. IH billable: 1
Time left site: 12A Total miles: Travel time to site:
Total time on-site: Tolls/parking: No. of Bulks: Airs:

Hygienist: M Puyana Project Manager:
DLWD #: AM 60524 No. of Waste Bags Removed:

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SITE LOG

Date: 1-20-10 **Hygienist:** M Ruxana
Job #: 60.03187.0024 **Project Manager:**
Site/Station: Agassiz School J.P. Room 302, 202

Time	Comments
4P	Arrive onsite. met CCS personnel & accessed
5P	work area. Prework conducted & window re-
	moval begun. Interior prework resumed. New
	window installation resumed. 2 air samples
	for area monitoring begun in Rooms 302 & 202.
6P	Air samples running. Window work in prog-ess.
6:30P	One air sample begun in main office hallway for
7:15P	background monitoring. Area samples running.
	I visually inspected Rm 302 & 202 windows
	for completion - all ACM/PCBs removed & sur-
	faces wiped with hexane. Concrete samples collected.
	Interior prework & new window installation in
	progress. No problems observed with dust control.
	First set of air samples completed. 2 air sam-
7:30P	ples for area monitoring begun in Rooms 219 & 217.
8P	Window removal for these rooms begun. New win-
	dow installation in progress.
9P	Air samples running. Window work in prog-ess.
9:30P	Background sample on Floor 1 completed. Area
	samples running. Window work in progress.
10:30P	Second set of area samples completed. Room
11:30P	217 & 219 window removal completed - all ACM/
	PCBs removed & surfaces wiped with hexane.
	Concrete samples collected. Work areas
	cleaned up & waste placed in dumpster.
12P	Work completed for this shift. Left site.

Page _____ of _____

Air Quality Report

Client / Proj. #: 60.03187.0024
Job Site: Agassiz School
Work Area: Rms 302, 202
Date of Collection: 1-20-10
Collected by: M Puyana
Signature: [signature]

Date of Analysis: 1-20-10
Method of Analysis: NIOSH 7400
Analyst Signature: [signature]
Microscope Make: Olympus
Microscope Model: CH2
Microscope Number:

Project Manager:
On site Contact:
Phone Number:

Batch Number:

Sample No.	LOCATION	Sample Type (1-9)	Pump On (2400)	Pump Off (2400)	Rotometer (LPM) On	Rotometer (LPM) Off	Rate (LPM)	Time (Min)	Air Volume (Liters)	L.O.D. 2.7/V	Actual Count (/100)	Adjusted Count (/100)	Result (F/CC)	Analyst Initials
01	**Field Blank**	FB	—	—	—	—	—	—	—	—	0	0	—	mP
02	**Field Blank**	FB	—	—	—	—	—	—	—	—	0	0	—	mP
03	Room 202	4	1250	1250	10.0	10.0	10.0	180	1800	0.002	15	15	0.004	mP
04	Room 302	4	1330	1330	10.0	10.0	10.0	180	1800	0.002	12	12	0.003	mP
05	Floor 1 Main hallway & office	1	630	930	10.0	10.0	10.0	180	1800	0.002	14	14	0.004	mP
06	Room 219	4	730	1030	10.0	10.0	10.0	180	1800	0.002	15	15	0.004	mP
07	Room 217	4	1400	1040	10.0	10.0	10.0	180	1800	0.002	13	13	0.004	mP
	Reference Slide													

Work Phase: 1) Background 2) Pre Abatement 3) During Prep Work 4) During Removal 5) During Final Clean 6) During Glovebag Removal 7) Final Air Clearance 8) Personal Air Sample 9) Associated Work

Rotameter Number: Calibration Date: Relinquished By: Received By:

NOTE: The ATC Associates Inc. Lab meets the requirements set forth by AHERA 40 CFR 763.90 (i)(2)(ii). FILTERS ARE 25MM MCE.

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SITE CHECK LIST

Date 1-20-10 S S M T W T F

Project Name Agassiz School Project Number 60 03182 0029
Location Rm 302, 202 Work Phase
Client Name CSS Client Contact
Contractor CCS Supervisor M. Cohen
Equipment Used On-Site: man lift, Power & hand Tools, HEPA Vacuums

Work Requirements/Procedures: All proper paper work, certifications and records on-site Y/N
If NO explain:

Security of job	Y	N
Warning signs posted	Y	N
HVAC shut down	Y	N
GFCI protection	Y	N
Moveable objects covered with 6-mil poly	Y	N
Non-moveable objects covered with poly	Y	N
Isolation of work area:		
• Openings sealed w/6-mil	Y	N
• Large openings with critical barriers	Y	N
Floors and walls:		
• Floors w/2 layers (12" overlap)	Y	N
• Walls w/2 layers of 4-mil	Y	N
• No seams @ floor-wall joints	Y	N

Removal:		
• Wetting of asbestos surfactant	Y	N
• Double bagged/drums properly labeled	Y	N
• Large components properly wrapped	Y	N
• HEPA vacuuming during g/b	Y	N
Encapsulation:		
• Airless sprayer	Y	N
• Applied in layers	Y	N
• Applied without disturbing asbestos	Y	N
• Encapsulation dry (post test)	Y	N
Clean up:		
• No visible debris prior to post test	Y	N
• Waste trailer on-site	Y	N

Type of Respiratory Protection:
- 1/2 face: X
- PAPR:
- Type C:

Check Exceptions: • Glove Bag: NA • Impervious surfaces: NA

Comments:

Work Area:
1. Containment size:
2. Glove bag removal: NA
3. % of work done:
4. No. of workers: 5
5. Amt. of material: SF LF
6. Mini-enclosures: NA
7. Barriers (poly/plywood): X
8. Project oversight X

Hygienist Info:
Time on-site: 4P Car used: own No. of IH on-site: 1
Lunch break: Miles to site: No. IH billable: 1
Time left site: Total miles: Travel time to site:
Total time on-site: Tolls/parking: No. of Bulks: Airs:

Hygienist: M Ryan Project Manager:
DLWD #: AM 60526 No. of Waste Bags Removed:

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SITE LOG

Date: 1-21-10 **Hygienist:** M Puyana
Job #: 60.03187.0024 **Project Manager:**
Site/Station: Agassiz School J.P. Rms 315, 316, 317

Time	Comments
4P-	Arrive on site, met CCS & accessed work area
5:05P	Prework conducted & window removal begun.
	Interior prep & new window installation re-
	sumed. 2 air samples for area monitoring be-
	gun in Rms 315 & 316
6P	Air samples running, window work in progress.
7P	Air samples running. Window work in progress, waste
	bundles transferred from cardex-type container to
	replacement waste dumpster. First dumpster off-site.
8P-	First set of air samples completed. 2 air samples
8:30P	for area monitoring begun in Rms 317 & 319 hall.
	Window work in progress.
9:30P	Air samples running. Window work in pro-
	gress. No problems observed with dust control in
	new window installation.
10:15P-	ATC visually inspected windows of Rms 315, 316,
11P	& 317 for completion. All ACM/PCBs removed
	& surfaces wiped with hexane. Concrete
	samples collected.
11:30P-	Second set of air samples completed.
12P	Waste placed in dumpster. Work area cleaned
	up. Left site.

Air Quality Report

Client / Proj. #: 60 03187.0024
Job Site: Agassiz School
Work Area: Rms 315, 316, 317
Date of Collection: 1-21-10
Collected by: M. Puyana
Signature:

Date of Analysis: 1-21-10
Method of Analysis: NIOSH 7400
Analyst Signature:
Microscope Make: Olympus
Microscope Model: CH2
Microscope Number:

Project Manager:
On site Contact:
Phone Number:

Batch Number:

Sample No.	LOCATION	Sample Type (1-9)	Pump On (2400)	Pump Off (2400)	Rotometer (LPM) On	Rotometer (LPM) Off	Rate (LPM)	Time (Min)	Air Volume (Liters)	L.O.D. 2.7/V	Actual Count (/100)	Adjusted Count (/100)	Result (F/CC)	Analyst Initials
01	**Field Blank**	FB									0	0	—	mp
02	**Field Blank**	FB									0	0	—	mp
03	Room 315	4	505P	805P	10.0	10.0	10.0	180	1800	0.002	9	9	0.005	mp
04	Room 316	4	510P	810P	10.0	10.0	10.0	180	1800	0.002	10	10	0.005	mp
05	Room 317	4	815P	1115P	10.0	10.0	10.0	180	1800	0.002	10	10	0.005	mp
06	Hallway @ Room 319	4	820P	1120P	10.0	10.0	10.0	180	1800	0.002	9	9	0.005	mp
	Reference Slide													

Work Phase: 1) Background 2) Pre Abatement 3) During Prep Work 4) During Removal 5) During Final Clean 6) During Glovebag Removal 7) Final Air Clearance 8) Personal Air Sample 9) Associated Work

Rotameter Number: Calibration Date: Relinquished By: Received By:

NOTE: The ATC Associates Inc. Lab meets the requirements set forth by AHERA 40 CFR 763.90 (i)(2)(ii). FILTERS ARE 25MM MCE.

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SITE CHECK LIST

Date 1-21-10 S S M T W T F

Project Name Agassiz School Project Number 60.05187.0.024
Location Rms 315, 316, 317 Work Phase
Client Name CSS Client Contact
Contractor CCS Supervisor M Cohen
Equipment Used On-Site: manlift, staging, power & hand tools, HEPA vacuums

Work Requirements/Procedures: All proper paper work, certifications and records on-site. Y/N
If **NO** explain:

Security of job	Y	N
Warning signs posted	Y	N
HVAC shut down	Y	N
GFCI protection	Y	N
Moveable objects covered with 6-mil poly	Y	N
Non-moveable objects covered with poly	Y	N
Isolation of work area:		
• Openings sealed w/6-mil	Y	N
• Large openings with critical barriers	Y	N
Floors and walls:		
• Floors w/2 layers (12" overlap)	Y	N
• Walls w/2 layers of 4-mil	Y	N
• No seams @ floor-wall joints	Y	N

Removal:		
• Wetting of asbestos surfactant	Y	N
• Double bagged/drums properly labeled	Y	N
• Large components properly wrapped	Y	N
• HEPA vacuuming during g/b	Y	N
Encapsulation:		
• Airless sprayer	Y	N
• Applied in layers	Y	N
• Applied without disturbing asbestos	Y	N
• Encapsulation dry (post test)	Y	N
Clean up:		
• No visible debris prior to post test	Y	N
• Waste trailer on-site	Y	N

Type of Respiratory Protection:
• 1/2 face: X
• PAPR:
• Type C:

Check Exceptions: • Glove Bag: NA • Impervious surfaces: NA

Comments:

Work Area:
1. Containment size:
2. Glove bag removal: NA
3. % of work done:
4. No. of workers: 3
5. Amt. of material: SF LF
6. Mini-enclosures: NA
7. Barriers (poly/plywood): X
8. Project oversight X

Hygienist Info:
Time on-site: 4P Car used: Own No. of IH on-site: 1
Lunch break: Miles to site: No. IH billable: 1
Time left site: Total miles: Travel time to site:
Total time on-site: Tolls/parking: No. of Bulks: Airs:

Hygienist: M Puyana Project Manager:
DLWD #: Am 60526 No. of Waste Bags Removed:

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SITE LOG

Date: 1-22-10 **Hygienist:** M Puxana
Job #: 60.95187.0024 **Project Manager:**
Site/Station: Agassiz School S.P. Room 319, 305 hall

Time	Comments
4P-	Arrive on site, met CCJ personnel & accessed
5P	work area. Rm 319 window area prepped &
	removal work begun. New window installation
	resumed. 2 air samples for area monitoring
	begun in Rm 319 & 305 hall. One background sam-
	ple begun in hallway @ Rm 208.
6P	Air samples running. Window work in progress.
630P-	Rm 319 window removal complete. All ACM/PCBs
7P	removed & surfaces wiped with hexane. Concrete
	sample collected. Area cleaned up.
730P-	First set of air samples completed. Rm 305
8P-	hall triple mullion window assemble will NOT
815P	be completed this shift. ATC left site
	after consulting with contractors for expec-
	ted production.

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Air Quality Report

Client / Proj. #: 60 03187 0024
Job Site: Agassiz School
Work Area: Room 319
Date of Collection: 1-22-10
Collected by: [illegible]
Signature: [illegible]

Date of Analysis: 1-22-10
Method of Analysis: NIOSH 7400
Analyst Signature: [illegible]
Microscope Make: Olympus
Microscope Model: CH2
Microscope Number:

Project Manager:
On site Contact:
Phone Number:

Batch Number:

Sample No.	LOCATION	Sample Type (1-9)	Pump On (2400)	Pump Off (2400)	Rotometer (LPM) On	Rotometer (LPM) Off	Rate (LPM)	Time (Min)	Air Volume (Liters)	L.O.D. 2.7/V	Actual Count (/100)	Adjusted Count (/100)	Result (F/CC)	Analyst Initials
01	**Field Blank**	FB									0	0	—	MP
02	**Field Blank**	FB									0	0	—	MP
03	hallway @ Room 208	1	430P	730P	10.0	10.0	10.0	180	1800	0.002	10	10	0.003	MP
04	Room 319	4	450P	750P	10.0	10.0	10.0	180	1800	0.002	13	13	0.004	MP
05	Room 325 hall	4	455P	755P	10.0	10.0	10.0	180	1800	0.002	14	14	0.004	MP
	Reference Slide													

Work Phase: 1) Background 2) Pre Abatement 3) During Prep Work 4) During Removal 5) During Final Clean 6) During Glovebag Removal 7) Final Air Clearance 8) Personal Air Sample 9) Associated Work

Rotameter Number: Calibration Date: Relinquished By: Received By:

NOTE: The ATC Associates Inc. Lab meets the requirements set forth by AHERA 40 CFR 763.90 (i)(2)(ii). FILTERS ARE 25MM MCE.

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SITE CHECK LIST

Date 1-22-10 S S M T W T F

Project Name Agassiz School Project Number 60.03187.0024
Location Rm 319, Rm 305 hall Work Phase
Client Name CSS Client Contact
Contractor CCS Supervisor Jm Cohen
Equipment Used On-Site: Staging, HEPA vacuums, Power & hand Tools

Work Requirements/Procedures: All proper paper work, certifications and records on-site. (Y)/N
If **NO** explain:

Security of job	(Y)	N	*Removal:*		
Warning signs posted	(Y)	N	• Wetting of asbestos surfactant	(Y)	N
HVAC shut down	(Y)	N	• Double bagged/drums properly labeled	(Y)	N
GFCI protection	(Y)	N	• Large components properly wrapped	(Y)	N
Moveable objects covered with 6-mil poly	(Y)	N	• HEPA vacuuming during g/b	(Y)	N
Non-moveable objects covered with poly	(Y)	N	*Encapsulation:*		
Isolation of work area:			• Airless sprayer	Y	(N)
• Openings sealed w/6-mil	(Y)	N	• Applied in layers	Y	(N)
• Large openings with critical barriers	(Y)	N	• Applied without disturbing asbestos	Y	(N)
Floors and walls:			• Encapsulation dry (post test)	Y	N
• Floors w/2 layers (12" overlap)	(Y)	N	*Clean up:*		
• Walls w/2 layers of 4-mil	Y	(N)	• No visible debris prior to post test	Y	(N)
• No seams @ floor-wall joints	Y	(N)	• Waste trailer on-site	(Y)	N
			Type of Respiratory Protection:		
			• 1/2 face: X		
			• PAPR:		
			• Type C:		

Check Exceptions: • Glove Bag: NA • Impervious surfaces: NA

Comments:

Work Area:

1. Containment size:
2. Glove bag removal: NA
3. % of work done:
4. No. of workers: 3
5. Amt. of material: SF LF
6. Mini-enclosures: NA
7. Barriers (poly/plywood): X
8. Project oversight X

Hygienist Info:

Time on-site: 4P Car used: Own No. of IH on-site: 1
Lunch break: Miles to site: No. IH billable: 1
Time left site: 8P Total miles: Travel time to site:
Total time on-site: Tolls/parking: No. of Bulks: Airs:

Hygienist: Jm Puyana Project Manager:
DLWD #: AM 60526 No. of Waste Bags Removed:

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SITE LOG

Date: 1-26-15 Hygienist: M Puyana
Job #: 69.0J182.0024 Project Manager:
Site/Station: Agassiz School JP Rm 305 hall, Rm 301

Time	Comments
4P-	Arrive on site. Met CCS & accessed work area.
5P	Prework conducted & window removal resumed.
	2 air samples for area monitoring begun in
	Rm 305 & 205 hallways. New window install-
	ation resumed.
6P	Air samples running. Window work in progress.
645P-	Room 305 hallway window completed. ATC
715P	visually inspected window - all ACM/PCBs re-
	moved & surfaces wiped with hexane. Concrete
	sample collected. Air samples running.
745P-	First set of air samples completed. 2 air samples
8P	for area monitoring begun in Rms 301 & 201.
	Rm 301 removal work begun. New window in-
	stallation in progress. No problems observed
	with dust control.
9P-	Room 301 window removal complete. ATC visually
930P	inspected work. All ACM/PCBs removed & surfaces
	wiped with hexane. Concrete sample collected.
	Air samples running.
1015P	New window installation in progress. Removed
	waste cleaned up & placed in dumpster.
11P-	Second set of air samples completed. Work
12P	completed for this shift. Left site.

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Air Quality Report

Client / Proj. #: 60-53187.0029
Job Site: Agassiz School
Work Area: Rms 305 hall
Date of Collection: 1-26-10
Collected by: M Duyaaa
Signature: [signature]

Date of Analysis: 1-26-10
Method of Analysis: NIOSH 7400
Analyst Signature: [signature]
Microscope Make: Olympus
Microscope Model: CH2
Microscope Number:

Project Manager:
On site Contact:
Phone Number:

Batch Number:

Sample No.	LOCATION	Sample Type	Pump On	Pump Off	Rotometer (LPM)		Rate	Time	Air Volume	L.O.D.	Actual Count	Adjusted Count	Result	Analyst Initials
		(1-9)	(2400)	(2400)	On	Off	(LPM)	(Min)	(Liters)	2.7/V	(/100)	(/100)	(F/CC)	
01	**Field Blank**	FB	—	—	—	—	—	—	—	—	0	0	—	mp
02	**Field Blank**	FB	—	—	—	—	—	—	—	—	0	0	—	mp
03	Rm 205 hallway	4	445P	745P	10.0	10.0	10.0	180	1800	0.002	10	10	0.003	mp
04	Rm 305 hallway	4	455P	755P	10.0	10.0	10.0	180	1800	0.002	12	12	0.004	mp
05	Rm 201	4	755P	1055P	10.0	10.0	10.0	180	1800	0.002	9	9	0.003	mp
06	Room 301	4	8P	11P	10.0	10.0	10.0	180	1800	0.002	8	8	0.002	mp
	Reference Slide													

Work Phase: 1) Background 2) Pre Abatement 3) During Prep Work 4) During Removal 5) During Final Clean 6) During Glovebag Removal 7) Final Air Clearance 8) Personal Air Sample 9) Associated Work

Rotameter Number: Calibration Date: Relinquished By: Received By:

NOTE: The ATC Associates Inc. Lab meets the requirements set forth by AHERA 40 CFR 763.90 (i)(2)(ii). FILTERS ARE 25MM MCE.

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SITE CHECK LIST

Date 1-26-10 S S M T W T F

Project Name Agassiz School
Project Number 60 05187 0024
Location Rm 305 hall, Rm 301
Work Phase
Client Name CSS
Client Contact
Contractor CCS
Supervisor M Cohen
Equipment Used On-Site: Staging, HEPA vacuums, power & hand tools

Work Requirements/Procedures: All proper paper work, certifications and records on-site. Y/N
If **NO** explain:

Security of job	Y	N	*Removal:*		
Warning signs posted	Y	N	• Wetting of asbestos surfactant	Y	N
HVAC shut down	Y	N	• Double bagged/drums properly labeled	Y	N
GFCI protection	Y	N	• Large components properly wrapped	Y	N
Moveable objects covered with 6-mil poly	Y	N	• HEPA vacuuming during g/b	Y	N
Non-moveable objects covered with poly	Y	N	*Encapsulation:*		
Isolation of work area:			• Airless sprayer	Y	N
• Openings sealed w/6-mil	Y	N	• Applied in layers	Y	N
• Large openings with critical barriers	Y	N	• Applied without disturbing asbestos	Y	N
Floors and walls:			• Encapsulation dry (post test)	Y	N
• Floors w/2 layers (12" overlap)	Y	N	*Clean up:*		
• Walls w/2 layers of 4-mil	Y	N	• No visible debris prior to post test	Y	N
• No seams @ floor-wall joints	Y	N	• Waste trailer on-site	Y	N
			Type of Respiratory Protection:		
			• 1/2 face: X		
			• PAPR:		
			• Type C:		

Check Exceptions: • Glove Bag: NA • Impervious surfaces: NA

Comments:

Work Area:

1. Containment size:
2. Glove bag removal: NA
3. % of work done:
4. No. of workers: 3
5. Amt. of material: SF LF
6. Mini-enclosures: NA
7. Barriers (poly/plywood): X
8. Project oversight X

Hygienist Info:

Time on-site: 4P
Car used: Own
No. of IH on-site: 1
Lunch break:
Miles to site:
No. IH billable: 1
Time left site:
Total miles:
Travel time to site:
Total time on-site:
Tolls/parking:
No. of Bulks: Airs:

Hygienist: M Puyana
Project Manager:
DLWD #: AM 60524
No. of Waste Bags Removed:

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SITE LOG

Date: 1-27-10 Hygienist: M Puyana
Job #: 60.03187.0029 Project Manager:
Site/Station: Agassiz School JP Cafeteria - east side

Time	Comments
630P	Arrive on site. met CCS & accessed cafeteria
	east work area. Window removal in progress.
	PCBs only listed for this work area - NO asbestos.
	New window installation in progress for Rm 305
	hallway triple mullion window. Hard barrier &
	critical barrier removed for installation due to
	safety concerns. ATC advised A&A that all
	dust & debris must be cleaned up as soon as
	possible. No air samples scheduled for this shift.
730P	Window removal in progress. New window
	installation in progress. No problems observed.
830P	Window removal in progress. Work areas
	secure.
930P	New window installation & original window
	removal in progress. Work areas secure. No
	problems observed.
945P-	ATC visually inspected 3 cafeteria windows for
1045P	completion. All ACM/PCBs removed & surfaces
	wiped with hexane. Concrete samples collected.
	Work area cleaned up & waste placed in dumpster.
1130P	Work completed for this shift. Left site.

Page _____ of _____

SITE CHECK LIST

Date 1-27-10 S S M T W T F

Project Name Agassiz School Project Number 60.05187.0029
Location Cole Terrace East side Work Phase
Client Name CSS Client Contact
Contractor CCS Supervisor M. Cohen
Equipment Used On-Site: manlift, HEPA vacuum, power hand tools

Work Requirements/Procedures: All proper paper work, certifications and records on-site. (Y) N
If NO explain:

Security of job	(Y)	N
Warning signs posted	(Y)	N
HVAC shut down	(Y)	N
GFCI protection	(Y)	N
Moveable objects covered with 6-mil poly	(Y)	N
Non-moveable objects covered with poly	(Y)	N
Isolation of work area:		
• Openings sealed w/6-mil	(Y)	N
• Large openings with critical barriers	(Y)	N
Floors and walls:		
• Floors w/2 layers (12" overlap)	(Y)	N
• Walls w/2 layers of 4-mil	Y	(N)
• No seams @ floor-wall joints	Y	(N)

Removal:		
• Wetting of asbestos surfactant	(Y)	N
• Double bagged/drums properly labeled	(Y)	N
• Large components properly wrapped	(Y)	N
• HEPA vacuuming during g/b	(Y)	N
Encapsulation:		
• Airless sprayer	Y	(N)
• Applied in layers	Y	(N)
• Applied without disturbing asbestos	Y	(N)
• Encapsulation dry (post test)	Y	(N)
Clean up:		
• No visible debris prior to post test	Y	(N)
• Waste trailer on-site	(Y)	N
Type of Respiratory Protection:		
• 1/2 face: X		
• PAPR:		
• Type C:		

Check Exceptions: • Glove Bag: NA • Impervious surfaces: NA

Comments:

Work Area:

1. Containment size:
2. Glove bag removal: NA
3. % of work done:
4. No. of workers: 3
5. Amt. of material: SF LF
6. Mini-enclosures: NA
7. Barriers (poly/plywood): X
8. Project oversight X

Hygienist Info:

Time on-site: 630P Car used: own No. of IH on-site: 1
Lunch break: Miles to site: No. IH billable: 1
Time left site: Total miles: Travel time to site:
Total time on-site: Tolls/parking: No. of Bulks: Airs:

Hygienist: M Puyana Project Manager:
DLWD #: AM 60526 No. of Waste Bags Removed:

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333 Washington Highway, Smithfield, RI 02917 (401) 232-3353 FAX (401) 232-1130

SITE LOG

Date: 1-28-10 **Hygienist:** M Puyana
Job #: 40.05187.0024 **Project Manager:**
Site/Station: Agassiz School S.P. Rm 305 hallway

Time	Comments
4P-	Arrive on site. Met CCS & accessed work areas.
5P	Prelwork conducted & window removal resumed.
	One air sample for area monitoring begun in Rm
	305 hallway.
6P-	ATC visually inspected cafeteria east window -
630P	all PCBs removed & surfaces wiped with hexane.
	Concrete sample collected. New window installa-
	tion in progress. No problems observed with dust
	control. Window removal in progress.
645P	First air sample completed. 2 air samples begun
	for area monitoring. Window work in progress.
745P-	ATC visually inspected Rm 205 hallway window.
815P	All ACM/PCBs removed & surfaces wiped with
	hexane. Concrete sample collected. Work area
	cleaned up & waste placed in dumpster. Air
	samples running.
9P	Air samples running. Window work in progress.
	No problems observed.
945P-	Second set of air samples completed. Window
10P	work in progress.
1015P-	Window work completed for this shift.
11P-	Room 205 window clean & wiped with hexane.
12P	Concrete sample collected. All waste
	placed in dumpster. Site secure. Left site.

Page _____ of _____

SITE CHECK LIST

Date 1-28-10 S S M T W T F

Project Name Agassiz School Project Number 60.05187.0024
Location Rm 305 hall Work Phase
Client Name CSS Client Contact
Contractor CCS Supervisor Jm Cohen
Equipment Used On-Site: man lift, staging, HEPA vacuums, power & hand tools

Work Requirements/Procedures: All proper paper work, certifications and records on-site. Y/N
If NO explain:

Security of job	Y	N	*Removal:*		
Warning signs posted	Y	N	• Wetting of asbestos surfactant	Y	N
HVAC shut down	Y	N	• Double bagged/drums properly labeled	Y	N
GFCI protection	Y	N	• Large components properly wrapped	Y	N
Moveable objects covered with 6-mil poly	Y	N	• HEPA vacuuming during g/b	Y	N
Non-moveable objects covered with poly	Y	N	*Encapsulation:*		
Isolation of work area:			• Airless sprayer	Y	N
• Openings sealed w/6-mil	Y	N	• Applied in layers	Y	N
• Large openings with critical barriers	Y	N	• Applied without disturbing asbestos	Y	N
Floors and walls:			• Encapsulation dry (post test)	Y	N
• Floors w/2 layers (12" overlap)	Y	N	*Clean up:*		
• Walls w/2 layers of 4-mil	Y	N	• No visible debris prior to post test	Y	N
• No seams @ floor-wall joints	Y	N	• Waste trailer on-site	Y	N
			Type of Respiratory Protection:		
			• 1/2 face: X		
			• PAPR:		
			• Type C:		

Check Exceptions: • Glove Bag: NA • Impervious surfaces: NA

Comments:

Work Area:
1. Containment size:
2. Glove bag removal: NA
3. % of work done:
4. No. of workers: 3
5. Amt. of material: SF LF
6. Mini-enclosures: NA
7. Barriers (poly/plywood): X
8. Project oversight X

Hygienist Info:
Time on-site: 4P Car used: own No. of IH on-site: 1
Lunch break: Miles to site: No. IH billable: 1
Time left site: Total miles: Travel time to site:
Total time on-site: Tolls/parking: No. of Bulks: Airs:

Hygienist: Jm Puyana Project Manager:
DLWD #: AH 60526 No. of Waste Bags Removed:

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Air Quality Report

Client / Proj. #: 60-03187-0024
Job Site: Agassiz School
Work Area: Rm 305 hall
Date of Collection: 1-28-10
Collected by: M Puyana
Signature: [signature]

Date of Analysis: 1-28-10
Method of Analysis: NIOSH 7400
Analyst Signature: [signature]
Microscope Make: Olympus
Microscope Model: CH2
Microscope Number:

Project Manager:
On site Contact:
Phone Number:

Batch Number:

Sample No.	LOCATION	Sample Type (1-9)	Pump On (2400)	Pump Off (2400)	Rotometer (LPM) On	Rotometer (LPM) Off	Rate (LPM)	Time (Min)	Air Volume (Liters)	L.O.D. 2.7/V	Actual Count (/100)	Adjusted Count (/100)	Result (F/CC)	Analyst Initials
01	Field Blank	FB	—	—	—	—	—	—	—	—	0	0	—	mP
02	Field Blank	FB	—	—	—	—	—	—	—	—	0	0	—	mP
03	Rm 305 hallway	4	4308	6508	10.0	10.0	100	140	1400	0.002	12	12	0.004	mP
04	Rm 201	4	6458	9458	10.0	10.0	10.0	180	1800	0.002	10	10	0.003	mP
05	Rm 205 hallway	4	6508	108	10.0	10.0	10.0	180	1800	0.002	15	15	0.004	mP
	Reference Slide													

Work Phase: 1) Background 2) Pre Abatement 3) During Prep Work 4) During Removal 5) During Final Clean 6) During Glovebag Removal 7) Final Air Clearance 8) Personal Air Sample 9) Associated Work

Rotameter Number: Calibration Date: Relinquished By: Received By:

NOTE: The ATC Associates Inc. Lab meets the requirements set forth by AHERA 40 CFR 763.90 (i)(2)(ii). FILTERS ARE 25MM MCE.

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SITE LOG

Date: 1-29-10 **Hygienist:** M Ruyama
Job #: 60.03187.0024 **Project Manager:**
Site/Station: Agassiz School JP Rm 101 & hallway

Time	Comments
4P-	Arrive on site. Met CCS & accessed work
5P	area. J. Vladovich on site to collect concrete
	samples. Prefwork conducted & window re-
	moval begun. 2 air samples begun in Rm 101
	& 101 hallway. Prefwork for stairwell win-
	dows begun.
6P	Air samples running. Window work in Progress.
645P-	ATC visually inspected Rm 101 hallway window
715P	for completion. All ACM/PCBs removed
	& surfaces wiped with hexane. Concrete
	sample collected. First set of air samples
	completed. 2 air samples for area monitoring
	begun. Window removal in Progress.
8P	Air samples running. Window work in
	Progress.
9P	Air samples running. Window work in
	Progress.
945P-	Rm 101 window completed & visually inspec-
1015P	ted. All ACM/PCBs removed & surfaces
11P	wiped with hexane. Concrete sample
	collected. Work area cleaned up & waste
	placed in dumpster.
12P	Work completed for this shift. Left
	site.

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SITE CHECK LIST

Date 1-29-10 S S M T W T F

Project Name Agassiz School Project Number 60.03187.0024
Location Rm 151, 101 hallway Work Phase
Client Name CSS Client Contact
Contractor CCS Supervisor M Cohen
Equipment Used On-Site: Stairs, Power & hand Tools, HEPA vac.

Work Requirements/Procedures: All proper paper work, certifications and records on-site. Y/N
If NO explain:

Security of job	Y	N	*Removal:*		
Warning signs posted	Y	N	• Wetting of asbestos surfactant	Y	N
HVAC ~~shut down~~	Y	N	• Double bagged/drums properly labeled	Y	N
GFCI protection	Y	N	• Large components properly wrapped	Y	N
Moveable objects covered with 6-mil poly	Y	N	• HEPA vacuuming during g/b	Y	N
Non-moveable objects covered with poly	Y	N	*Encapsulation:*		
Isolation of work area:			• Airless sprayer	Y	N
• Openings sealed w/6-mil	Y	N	• Applied in layers	Y	N
• Large openings with critical barriers	Y	N	• Applied without disturbing asbestos	Y	N
Floors and walls:			• Encapsulation dry (post test)	Y	N
• Floors w/2 layers (12" overlap)	Y	N	*Clean up:*		
• Walls w/2 layers of 4-mil	Y	N	• No visible debris prior to post test	Y	N
• No seams @ floor-wall joints	Y	N	• Waste trailer on-site	Y	N
			Type of Respiratory Protection:		
			• 1/2 face: X		
			• PAPR:		
			• Type C:		

Check Exceptions: • Glove Bag: NA • Impervious surfaces: NA

Comments:

Work Area:
1. Containment size:
2. Glove bag removal: NA
3. % of work done:
4. No. of workers: 3
5. Amt. of material: SF LF
6. Mini-enclosures: NA
7. Barriers (poly/plywood): X
8. Project oversight X

Hygienist Info:
Time on-site: Car used: OWN No. of IH on-site: 1
Lunch break: Miles to site: No. IH billable: 1
Time left site: Total miles: Travel time to site:
Total time on-site: Tolls/parking: No. of Bulks: Airs:

Hygienist: M Ryan Project Manager:
DLWD #: AH 60526 No. of Waste Bags Removed:

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Air Quality Report

Client / Proj. #: 60.03187.0024
Job Site: Agassiz School
Work Area: Rm 101 hall, Rm 101
Date of Collection: 1-29-10
Collected by: M Puyana
Signature:

Date of Analysis: 1-29-10
Method of Analysis: NIOSH 7400
Analyst Signature:
Microscope Make: Olympus
Microscope Model: CH2
Microscope Number:

Project Manager:
On site Contact:
Phone Number:

Batch Number:

Sample No.	LOCATION	Sample Type (1-9)	Pump On (2400)	Pump Off (2400)	Rotometer (LPM) On	Rotometer (LPM) Off	Rate (LPM)	Time (Min)	Air Volume (Liters)	L.O.D. 2.7/V	Actual Count (/100)	Adjusted Count (/100)	Result (F/CC)	Analyst Initials
01	**Field Blank**	FB	—	—	—	—	—	—	—	—	0	0	—	mP
02	**Field Blank**	FB	—	—	—	—	—	—	—	—	0	0	—	mP
03	Rm 101	4	4158	7158	10.0	10.0	10.0	180	1800	0.002	13	13	0.004	mP
04	Rm 101 hallway	4	4208	7208	10.0	10.0	10.0	180	1800	0.002	14	14	0.004	mP
05	Rm 101	4	7158	10058	10.0	10.0	10.0	180	1800	0.002	11	11	0.003	mP
06	Rm 101 hallway	4	7208	10208	10.0	10.0	10.0	180	1800	0.002	15	15	0.004	mP
	Reference Slide													

Work Phase: 1) Background 2) Pre Abatement 3) During Prep Work 4) During Removal 5) During Final Clean 6) During Glovebag Removal 7) Final Air Clearance 8) Personal Air Sample 9) Associated Work

Rotameter Number: Calibration Date: Relinquished By: Received By:

NOTE: The ATC Associates Inc. Lab meets the requirements set forth by AHERA 40 CFR 763.90 (i)(2)(ii). FILTERS ARE 25MM MCE.

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SITE LOG

Date: 2-1-10 Hygienist: M Puyana
Job #: 60.0J187.0024 Project Manager:
Site/Station: Agassiz School J.P. Stair D

Time	Comments
7P-	Arrive on site. Met CCJ & accessed work
730P	area. Window removal for Stairwell D in
	Progress. Work area secure. One air sample
	for perimeter monitoring begun in Stair D.
830P	Air sample running. Window work in
	Progress.
915P	Air sample running. Window work in Progress.
10P-	Area air sample completed. ATC visually
1045P	inspected & passed the Stair D window
	opening. All ACM/PCBs removed & surfaces
	wiped with hexane. Masonry sample
	collected.
11P-	All waste placed in dumpster & work
12P	area cleaned up. Work completed for
	this shift. Left site.

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Air Quality Report

Client / Proj. #: 60-03187-002
Job Site: Agassiz School
Work Area: Stairwell D
Date of Collection: 2-1-10
Collected by: M Puyan
Signature:

Date of Analysis: 2-1-10
Method of Analysis: NIOSH 7400
Analyst Signature:
Microscope Make: Olympus
Microscope Model: CH2
Microscope Number:

Project Manager:
On site Contact:
Phone Number:

Batch Number:

Sample No.	LOCATION	Sample Type	Pump On	Pump Off	Rotometer (LPM)		Rate	Time	Air Volume	L.O.D.	Actual Count	Adjusted Count	Result	Analyst Initials
		(1-9)	(2400)	(2400)	On	Off	(LPM)	(Min)	(Liters)	2.7/V	(/100)	(/100)	(F/CC)	
01	**Field Blank**	FB									0	0	—	MP
02	**Field Blank**	FB									0	0	—	MP
03	Stairwell D	4	700P	1000P	10.0	10.0	10.0	180	1800	0.002	10	10	0.005	MP
	Reference Slide													

Work Phase: 1) Background 2) Pre Abatement 3) During Prep Work 4) During Removal 5) During Final Clean 6) During Glovebag Removal 7) Final Air Clearance 8) Personal Air Sample 9) Associated Work

Rotameter Number: Calibration Date: Relinquished By: Received By:

NOTE: The ATC Associates Inc. Lab meets the requirements set forth by AHERA 40 CFR 763.90 (i)(2)(ii). FILTERS ARE 25MM MCE.

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SITE CHECK LIST

Date 2-1-10 S S M T W T F

Project Name Agassiz School Project Number 60 05187.0024
Location Stair D Work Phase
Client Name CSS Client Contact
Contractor CCS Supervisor M Cohen
Equipment Used On-Site: man lift, HEPA vacuum, Power & hand Tools

Work Requirements/Procedures: All proper paper work, certifications and records on-site. Y/N
If NO explain:

Security of job	Y	N	*Removal:*		
Warning signs posted	Y	N	• Wetting of asbestos surfactant	Y	N
HVAC shut down	Y	N	• Double bagged/drums properly labeled	Y	N
GFCI protection	Y	N	• Large components properly wrapped	Y	N
Moveable objects covered with 6-mil poly	Y	N	• HEPA vacuuming during g/b	Y	N
Non-moveable objects covered with poly	Y	N	*Encapsulation:*		
Isolation of work area:			• Airless sprayer	Y	N
• Openings sealed w/6-mil	Y	N	• Applied in layers	Y	N
• Large openings with critical barriers	Y	N	• Applied without disturbing asbestos	Y	N
Floors and walls:			• Encapsulation dry (post test)	Y	N
• Floors w/2 layers (12" overlap)	Y	N	*Clean up:*		
• Walls w/2 layers of 4-mil	Y	N	• No visible debris prior to post test	Y	N
• No seams @ floor-wall joints	Y	N	• Waste trailer on-site	Y	N
			Type of Respiratory Protection:		
			• 1/2 face: X		
			• PAPR:		
			• Type C:		

Check Exceptions: • Glove Bag: NA • Impervious surfaces: NA

Comments:

Work Area:

1. Containment size:
2. Glove bag removal: NA
3. % of work done:
4. No. of workers: 3
5. Amt. of material: SF LF
6. Mini-enclosures: NA
7. Barriers (poly/plywood): X
8. Project oversight X

Hygienist Info:

Time on-site: 7P Car used: Dwa No. of IH on-site: 1
Lunch break: Miles to site: No. IH billable: 1
Time left site: 12 Total miles: Travel time to site:
Total time on-site: Tolls/parking: No. of Bulks: Airs:

Hygienist: M Puyan Project Manager:
DLWD #: AM 60526 No. of Waste Bags Removed:

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SITE LOG

Date: 2-3-10 Hygienist: M Puyana
Job #: 60.03187.0024 Project Manager:
Site/Station: Agassiz School JP Stairwell B

Time	Comments
6P-	Arrive on site. Met CCS & accessed Stair B
7P	Window work area. Window removal in
	Progress. Work area secure. New window
	installation work in Progress. One air
	sample for area monitoring begun in
	Stairwell B.
8P	Air sample running. Window work in
	Progress.
9P	Air sample running. Window work in
	Progress.
930P-	Air sample for area monitoring completed
10P	Window removal work in Progress.
11P-	Window work completed. Surfaces wiped
12P	with hexane & concrete sample collected.
	Waste placed in dumpster. Left site.

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Air Quality Report

Client / Proj. #: 60.031.02 0024
Job Site: Agassiz School
Work Area: Stair B
Date of Collection: 2-3-10
Collected by: M Puyana
Signature:

Date of Analysis: 2-3-10
Method of Analysis: NIOSH 7400
Analyst Signature:
Microscope Make: Olympus
Microscope Model: CH2
Microscope Number:

Project Manager:
On site Contact:
Phone Number:
Batch Number:

Sample No.	LOCATION	Sample Type	Pump On	Pump Off	Rotometer (LPM)		Rate	Time	Air Volume	L.O.D.	Actual Count	Adjusted Count	Result	Analyst Initials
		(1-9)	(2400)	(2400)	On	Off	(LPM)	(Min)	(Liters)	2.7/V	(/100)	(/100)	(F/CC)	
01	**Field Blank**	FB	—	—	—	—	—	—	—	—	0	0	—	MP
02	**Field Blank**	FB	—	—	—	—	—	—	—	—	0	0	—	MP
03	Stairwell B - Floor 3	4	6:30P	9:30P	10.0	10.0	10.0	180	1800	0.002	11	11	0.003	MP
	Reference Slide													

Work Phase: 1) Background 2) Pre Abatement 3) During Prep Work 4) During Removal 5) During Final Clean 6) During Glovebag Removal 7) Final Air Clearance 8) Personal Air Sample 9) Associated Work

Rotameter Number: Calibration Date: Relinquished By: Received By:

NOTE: The ATC Associates Inc. Lab meets the requirements set forth by AHERA 40 CFR 763.90 (i)(2)(ii). FILTERS ARE 25MM MCE.

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SITE CHECK LIST

Date 2-3-10 S S M T W T F

Project Name Agassiz School Project Number 60.03187.0024
Location Stair B Work Phase
Client Name CSS Client Contact
Contractor CCS Supervisor M Cohen
Equipment Used On-Site: HEPA vacuum, Power & hand Tools, man lift

Work Requirements/Procedures: All proper paper work, certifications and records on-site. (Y)/N
If NO explain:

Security of job	(Y)	N	*Removal:*		
Warning signs posted	(Y)	N	• Wetting of asbestos surfactant	(Y)	N
HVAC shut down	Y	(N)	• Double bagged/drums properly labeled	(Y)	N
GFCI protection	(Y)	N	• Large components properly wrapped	(Y)	N
Moveable objects covered with 6-mil poly	(Y)	N	• HEPA vacuuming during g/b	Y	(N)
Non-moveable objects covered with poly	(Y)	N	*Encapsulation:*		
Isolation of work area:			• Airless sprayer	Y	(N)
• Openings sealed w/6-mil	(Y)	N	• Applied in layers	Y	(N)
• Large openings with critical barriers	(Y)	N	• Applied without disturbing asbestos	Y	(N)
Floors and walls:			• Encapsulation dry (post test)	Y	(N)
• Floors w/2 layers (12" overlap)	(Y)	N	*Clean up:*		
• Walls w/2 layers of 4-mil	Y	(N)	• No visible debris prior to post test	(Y)	(N)
• No seams @ floor-wall joints	Y	N	• Waste trailer on-site	(Y)	N

Type of Respiratory Protection:
• 1/2 face: X
• PAPR:
• Type C:

Check Exceptions: • Glove Bag: NA • Impervious surfaces: NA

Comments:

Work Area:
1. Containment size:
2. Glove bag removal: NA
3. % of work done:
4. No. of workers: 3
5. Amt. of material: SF LF
6. Mini-enclosures: NA
7. Barriers (poly/plywood): X
8. Project oversight X

Hygienist Info:
Time on-site: Car used: Own No. of IH on-site: 1
Lunch break: Miles to site: No. IH billable: 1
Time left site: Total miles: Travel time to site:
Total time on-site: Tolls/parking: No. of Bulks: Airs:

Hygienist: M Ryan Project Manager:
DLWD #: AM 60526 No. of Waste Bags Removed:

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SITE LOG

Date: 2-5-10 Hygienist: M Puyana
Job #: 60-03187-0024 Project Manager:
Site/Station: Agassiz School J.P. Stairway C

Time	Comments
6P-	Arrive on site. Met CGS @ accessed work
7P	area. Window removal work in Progress. One
	air sample begun in Stair C. Work area
	secure.
8P	Air sample running. Window removal in
	Progress.
9P	Air sample running. Removal work in Progress.
945P-	Area air sample completed. Window removal
10P	in Progress. Window components placed in
	dumpster
1030P-	Window removal complete. Surfaces cleaned
12P	wiped with hexane. Masonry sample
	collected. Work completed for this
	shift. Left site.

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Air Quality Report

Client / Proj. #: 62053187.0024
Job Site: Agassiz School
Work Area: Stair C
Date of Collection: 2-5-10
Collected by: M Puyane
Signature:

Date of Analysis: 2-5-10
Method of Analysis: NIOSH 7400
Analyst Signature:
Microscope Make: Olympus
Microscope Model: CH2
Microscope Number:

Project Manager:
On site Contact:
Phone Number:
Batch Number:

Sample No.	LOCATION	Sample Type	Pump On	Pump Off	Rotometer (LPM)		Rate	Time	Air Volume	L.O.D.	Actual Count	Adjusted Count	Result	Analyst Initials
		(1-9)	(2400)	(2400)	On	Off	(LPM)	(Min)	(Liters)	2.7/V	(/100)	(/100)	(F/CC)	
01	**Field Blank**	FB	—	—	—	—	—	—	—	—	0	0	—	mp
02	**Field Blank**	FB	—	—	—	—	—	—	—	—	0	0	—	mp
03	Stairwell C	4	6458	9458	10.0	10.0	10.0	180	1800	0.502	15	15	0.004	mp
	Reference Slide													

Work Phase: 1) Background 2) Pre Abatement 3) During Prep Work 4) During Removal 5) During Final Clean 6) During Glovebag Removal 7) Final Air Clearance 8) Personal Air Sample 9) Associated Work

Rotameter Number: Calibration Date: Relinquished By: Received By:

NOTE: The ATC Associates Inc. Lab meets the requirements set forth by AHERA 40 CFR 763.90 (i)(2)(ii). FILTERS ARE 25MM MCE.

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SITE CHECK LIST

Date 2-5-10 S S M T W T F

Project Name Agassiz School Project Number 60.05182 0024
Location Stair C Work Phase
Client Name CSS Client Contact
Contractor CCS Supervisor Mr Cohen
Equipment Used On-Site: HEPA vacuum, Power & hand Tools, man lift

Work Requirements/Procedures: All proper paper work, certifications and records on-site. Y/N
If NO explain:

Security of job	Y	N
Warning signs posted	Y	N
HVAC shut down	Y	N
GFCI protection	Y	N
Moveable objects covered with 6-mil poly	Y	N
Non-moveable objects covered with poly	Y	N
Isolation of work area:		
• Openings sealed w/6-mil	Y	N
• Large openings with critical barriers	Y	N
Floors and walls:		
• Floors w/2 layers (12" overlap)	Y	N
• Walls w/2 layers of 4-mil	Y	N
• No seams @ floor-wall joints	Y	N

Removal:		
• Wetting of asbestos surfactant	Y	N
• Double bagged/drums properly labeled	Y	N
• Large components properly wrapped	Y	N
• HEPA vacuuming during g/b	Y	N
Encapsulation:		
• Airless sprayer	Y	N
• Applied in layers	Y	N
• Applied without disturbing asbestos	Y	N
• Encapsulation dry (post test)	Y	N
Clean up:		
• No visible debris prior to post test	Y	N
• Waste trailer on-site	Y	N

Type of Respiratory Protection:
• 1/2 face: X
• PAPR:
• Type C:

Check Exceptions: • Glove Bag: NA • Impervious surfaces: NA

Comments:

Work Area:
1. Containment size:
2. Glove bag removal: NA
3. % of work done:
4. No. of workers: 3
5. Amt. of material: SF LF
6. Mini-enclosures: NA
7. Barriers (poly/plywood): X
8. Project oversight X

Hygienist Info:
Time on-site: Car used: own No. of IH on-site: 1
Lunch break: Miles to site: No. IH billable: 1
Time left site: Total miles: Travel time to site:
Total time on-site: Tolls/parking: No. of Bulks: Airs:

Hygienist: M Puyan Project Manager:
DLWD #: AM 60526 No. of Waste Bags Removed:

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SITE LOG

Date: 2-8-10 Hygienist: M Ruyana
Job #: 60.05187.0029 Project Manager:
Site/Station: Agassiz School Stair A

Time	Comments
6P	Arrive on site, met CCS & accessed stair
7P	A work area. Window removal in progress.
	Work area secure. One air sample begun for
	area monitoring.
8P	Air sample running. Work in progress.
9P	Window removal in progress. Air sample
	running. Work area secure.
950P	Air sample for area monitoring completed.
1130P	Window removal work finished. All surfaces
12P	clean & wiped with hexane. masonry
	sample collected. Waste placed in dumpster
	Work completed for this shift. Left site.

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SITE CHECK LIST

Date 2-8-10 S S M T W T F

Project Name Agassiz School Project Number 60.03187.0024
Location STR-A Work Phase
Client Name CSS Client Contact
Contractor CCS Supervisor M. Cohen
Equipment Used On-Site: Manlift, HEPA vacuum, Tools

Work Requirements/Procedures: All proper paper work, certifications and records on-site. Y/N
If NO explain:

Security of job	Y	N	*Removal:*		
Warning signs posted	Y	N	• Wetting of asbestos surfactant	Y	N
HVAC shut down	Y	N	• Double bagged/drums properly labeled	Y	N
GFCI protection	Y	N	• Large components properly wrapped	Y	N
Moveable objects covered with 6-mil poly	Y	N	• HEPA vacuuming during g/b	Y	N
Non-moveable objects covered with poly	Y	N	*Encapsulation:*		
Isolation of work area:			• Airless sprayer	Y	N
• Openings sealed w/6-mil	Y	N	• Applied in layers	Y	N
• Large openings with critical barriers	Y	N	• Applied without disturbing asbestos	Y	N
Floors and walls:			• Encapsulation dry (post test)	Y	N
• Floors w/2 layers (12" overlap)	Y	N	*Clean up:*		
• Walls w/2 layers of 4-mil	Y	N	• No visible debris prior to post test	Y	N
• No seams @ floor-wall joints	Y	N	• Waste trailer on-site	Y	N
			Type of Respiratory Protection:		
			• 1/2 face: X		
			• PAPR:		
			• Type C:		

Check Exceptions: • Glove Bag: NA • Impervious surfaces: NA

Comments:

Work Area:

1. Containment size:
2. Glove bag removal: NA
3. % of work done:
4. No. of workers: 3
5. Amt. of material: SF LF
6. Mini-enclosures: NA
7. Barriers (poly/plywood): X
8. Project oversight X

Hygienist Info:

Time on-site: Car used: Own No. of IH on-site: 1
Lunch break: Miles to site: No. IH billable: 1
Time left site: Total miles: Travel time to site:
Total time on-site: Tolls/parking: No. of Bulks: Airs:

Hygienist: M Ryan Project Manager:
DLWD #: AM 6052G No. of Waste Bags Removed:

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Air Quality Report

Client / Proj. #: 60-05187.0024
Job Site: Agassiz School
Work Area: Stair A
Date of Collection: 2-8-10
Collected by: M Furyan
Signature: [illegible]

Date of Analysis: 2-8-10
Method of Analysis: NIOSH 7400
Analyst Signature: [illegible]
Microscope Make: Olympus
Microscope Model: CH2
Microscope Number:

Project Manager:
On site Contact:
Phone Number:

Batch Number:

Sample No.	LOCATION	Sample Type	Pump On	Pump Off	Rotometer (LPM)		Rate	Time	Air Volume	L.O.D.	Actual Count	Adjusted Count	Result	Analyst Initials
		(1-9)	(2400)	(2400)	On	Off	(LPM)	(Min)	(Liters)	2.7/V	(/100)	(/100)	(F/CC)	
01	Field Blank	FB	—	—	—	—	—	—	—	—	0	0	—	MP
02	Field Blank	FB	—	—	—	—	—	—	—	—	0	0	—	MP
03	Stair A	4	6538	9538	10.0	10.0	10.0	180	1800	0.002	10	10	0.003	MP
	Reference Slide													

Work Phase: 1) Background 2) Pre Abatement 3) During Prep Work 4) During Removal 5) During Final Clean 6) During Glovebag Removal 7) Final Air Clearance 8) Personal Air Sample 9) Associated Work

Rotameter Number: Calibration Date: Relinquished By: Received By:

NOTE: The ATC Associates Inc. Lab meets the requirements set forth by AHERA 40 CFR 763.90 (i)(2)(ii). FILTERS ARE 25MM MCE.

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SITE LOG

Date: 2-12-10 Hygienist: M. Puyana
Job #: 60.05187.0024 Project Manager:
Site/Station: Agassiz School J.P. Selected doors

Time	Comments
7P	Arrive on site. met CCS & accessed work
	areas. Door removal in Progress for cafeteria
	Window installation in Progress.
8P	Door removal in Progress. Work area secure.
	No air samples collected this shift.
9P-	Door removal completed. Surfaces clean &
10P-	wiped with Lexane. Concrete samples
11P	collected. Waste placed in dumpster.
	Work area secure. left site

Page _____ of _____

SITE CHECK LIST

Date 2-12-10 S S M T W T F

Project Name Agassiz School Project Number 60.0J187.0024
Location California Work Phase
Client Name CSS Client Contact
Contractor CSS Supervisor M Cohen
Equipment Used On-Site: HEPA vacuums, Power & hand Tools

Work Requirements/Procedures: All proper paper work, certifications and records on-site. Y/N
If **NO** explain:

Security of job	Y	N	*Removal:*		
Warning signs posted	Y	N	• Wetting of asbestos surfactant	Y	N
HVAC shut down	Y	N	• Double bagged/drums properly labeled	Y	N
GFCI protection		N	• Large components properly wrapped	Y	N
Moveable objects covered with 6-mil poly	Y	N	• HEPA vacuuming during g/b	Y	N
Non-moveable objects covered with poly	Y	N	*Encapsulation:*		
Isolation of work area:			• Airless sprayer	Y	N
• Openings sealed w/6-mil	Y	N	• Applied in layers	Y	N
• Large openings with critical barriers	Y	N	• Applied without disturbing asbestos	Y	N
Floors and walls:			• Encapsulation dry (post test)	Y	N
• Floors w/2 layers (12" overlap)	Y	N	*Clean up:*		
• Walls w/2 layers of 4-mil	Y	N	• No visible debris prior to post test	Y	N
• No seams @ floor-wall joints	Y	N	• Waste trailer on-site	Y	N
			Type of Respiratory Protection:		
			• 1/2 face: X		
			• PAPR:		
			• Type C:		

Check Exceptions: • Glove Bag: NA • Impervious surfaces: NA

Comments:

Work Area:

1. Containment size:
2. Glove bag removal: NA
3. % of work done:
4. No. of workers: 3
5. Amt. of material: SF LF
6. Mini-enclosures: NA
7. Barriers (poly/plywood): X
8. Project oversight X

Hygienist Info:

Time on-site: Car used: Own No. of IH on-site: 1
Lunch break: Miles to site: No. IH billable: 1
Time left site: Total miles: Travel time to site:
Total time on-site: Tolls/parking: No. of Bulks: Airs:

Hygienist: M Puyane Project Manager:
DLWD #: AM 60526 No. of Waste Bags Removed:

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Air Quality Report

Client / Proj. #: 60.03187.0024
Job Site: Agassiz School
Work Area: Throughout Building
Date of Collection: 2-18-10
Collected by: M Ruyaak
Signature: [signature]

Date of Analysis: 2-18-10
Method of Analysis: NIOSH 7400
Analyst Signature: [signature]
Microscope Make: Olympus
Microscope Model: CH2
Microscope Number:

Project Manager:
On site Contact:
Phone Number:

Batch Number:

Sample No.	LOCATION	Sample Type (1-9)	Pump On (2400)	Pump Off (2400)	Rotometer (LPM) On	Rotometer (LPM) Off	Rate (LPM)	Time (Min)	Air Volume (Liters)	L.O.D. 2.7/V	Actual Count (/100)	Adjusted Count (/100)	Result (F/CC)	Analyst Initials
01	**Field Blank**	FB	—	—	—	—	—	—	—	—	0	0	—	mP
02	**Field Blank**	FB	—	—	—	—	—	—	—	—	0	0	—	mP
03	Rm 207	1	950A	1150A	10.0	10.0	10.0	120	1200	0.002	7	7	0.003	mP
04	Rm 205 hallway	1	955A	1155A	10.0	10.0	10.0	120	1200	0.002	5	5	0.003	mP
05	Rm 310	1	1005A	1205A	10.0	10.0	10.0	120	1200	0.002	4	4	0.003	mP
06	Rm 304	1	1010A	1210A	10.0	10.0	10.0	120	1200	0.002	6	6	0.003	mP
07	Rm 307	1	1025A	1225	10.0	10.0	10.0	120	1200	0.002	9	9	0.004	mP
08	Rm 210	1	1030A	1230A	10.0	10.0	10.0	120	1200	0.002	4	4	0.003	mP
09	Rm 103	1	1152A	1529	10.0	10.0	10.0	120	1200	0.002	7	7	0.003	mP
10	main office	1	1159A	1599	10.0	10.0	10.0	120	1200	0.002	5	5	0.003	mP
11	Rm 104 hallway	1	1207P	2079	10.0	10.0	10.0	120	1200	0.002	8	8	0.003	mP
	Reference Slide													

Work Phase: 1) Background 2) Pre Abatement 3) During Prep Work 4) During Removal 5) During Final Clean 6) During Glovebag Removal 7) Final Air Clearance 8) Personal Air Sample 9) Associated Work

Rotameter Number: Calibration Date: Relinquished By: Received By:

NOTE: The ATC Associates Inc. Lab meets the requirements set forth by AHERA 40 CFR 763.90 (i)(2)(ii). FILTERS ARE 25MM MCE.

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SITE LOG

Date: 2-18-10 **Hygienist:** M. Puyana
Job #: 60-03187-0024 **Project Manager:**
Site/Station: Agassiz School Throughout bldg & roof

Time	Comments
930A-	Arrive on site. 6 air samples begun in selec-
1030A-	ted areas for end-of-project background
1130A	monitoring. CCS & AOA onsite. School
	not in session & building secure. met
	V. Vladovich on roof to collect samples
	of suspect door caulkings/sealants.
	Samples to be analyzed for PCB content.
	Samples taken from site by Vladovich for
	submittal to analytical lab.
1150A-	First set of air samples completed. 3 air
1230P-	samples for background monitoring (end-of-
1300	project) begun in selected areas. I collec-
	ted additional samples of roof door caulk/
	sealant for asbestos PLM analysis.
1500P-	Second set of air samples completed. Left
2150P-	site. Delivered bulk samples to AmeriSci
3P	for analysis. 3 day turnaround requested.

SITE CHECK LIST

Date 2-18-10 S S M T W T F

Project Name Agassiz School Project Number 60-05187.0024
Location Throughout Bldg Work Phase
Client Name CSS Client Contact
Contractor CCS Supervisor M Cohen
Equipment Used On-Site: NA

Work Requirements/Procedures: All proper paper work, certifications and records on-site. Y/N
If NO explain: NA

Security of job	Y	N	*Removal:*		
Warning signs posted	Y	N	• Wetting of asbestos surfactant	Y	N
HVAC shut down	Y	N	• Double bagged/drums properly labeled	Y	N
GFCI protection	Y	N	• Large components properly wrapped	Y	N
Moveable objects covered with 6-mil poly	Y	N	• HEPA vacuuming during g/b	Y	N
Non-moveable objects covered with poly	Y	N	*Encapsulation:*		
Isolation of work area:			• Airless sprayer	Y	N
• Openings sealed w/6-mil	Y	N	• Applied in layers	Y	N
• Large openings with critical barriers	Y	N	• Applied without disturbing asbestos	Y	N
Floors and walls:			• Encapsulation dry (post test)	Y	N
• Floors w/2 layers (12" overlap)	Y	N	*Clean up:*		
• Walls w/2 layers of 4-mil	Y	N	• No visible debris prior to post test	Y	N
• No seams @ floor-wall joints	Y	N	• Waste trailer on-site	Y	N
			Type of Respiratory Protection:		
			• 1/2 face: NA		
			• PAPR:		
			• Type C:		

Check Exceptions: • Glove Bag: NA • Impervious surfaces:
Comments: no removal work conducted

Work Area:
1. Containment size: NA
2. Glove bag removal: NA
3. % of work done:
4. No. of workers:
5. Amt. of material: SF LF
6. Mini-enclosures: ✓
7. Barriers (poly/plywood):
8. Project oversight

Hygienist Info:
Time on-site: Car used: Own No. of IH on-site: 1
Lunch break: Miles to site: No. IH billable: 1
Time left site: Total miles: Travel time to site:
Total time on-site: Tolls/parking: No. of Bulks: Airs:

Hygienist: M Puyan Project Manager:
DLWD #: AM 60526 No. of Waste Bags Removed:

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SITE LOG

Date: 4-20-10 **Hygienist:** M Puyank
Job #: 60.0J187.0024 **Project Manager:**
Site/Station: Agassiz School J. P. Selected doors

Time	Comments
9A-	Arrive onsite. MET CCS & accessed work
10A-	areas, Northwest area ground floor door removal
10:50A	in Progress. AOA onsite for new door
	installation Door removal completed. All PCB
	caulking removal complete & clean. Surfaces
	wiped with hexane. Concrete sample collected.
11A	Removal work begun on ~~to~~ roof door.
12P	Removal work in Progress on roof door.
1P	Removal work in Progress on roof door.
2P-	Roof door removal completed. Air sample
3P	completed. All identified ACBM removed
	& work area clean. Left site

SITE CHECK LIST

Date 4-20-13 S S M T W T F

Project Name Agassiz School Project Number _____
Location selected doors Work Phase _____
Client Name CSS Client Contact _____
Contractor CCS Supervisor _____
Equipment Used On-Site: HEPA vacuum, power & hand tools

Work Requirements/Procedures: All proper paper work, certifications and records on-site. Y/N
If **NO** explain: _____

Security of job	Y	N	*Removal:*		
Warning signs posted	Y	N	• Wetting of asbestos surfactant	Y	N
HVA~~C shut~~ down	Y	N	• Double bagged/drums properly labeled	Y	N
GFCI protection	Y	N	• Large components properly wrapped	Y	N
Moveable objects covered with 6-mil poly	Y	N	• HEPA vacuuming during g/b	Y	N
Non-moveable objects covered with poly	Y	N	*Encapsulation:*		
Isolation of work area:			• Airless sprayer	Y	N
• Openings sealed w/6-mil	Y	N	• Applied in layers	Y	N
• Large openings with critical barriers	Y	N	• Applied without disturbing asbestos	Y	N
Floors and walls:			• Encapsulation dry (post test)	Y	N
• Floors w/2 layers (12" overlap)	Y	N	*Clean up:*		
• Walls w/2 layers of 4-mil	Y	N	• No visible debris prior to post test	Y	N
• No seams @ floor-wall joints	Y	N	• Waste trailer on-site	Y	N

Type of Respiratory Protection:
• 1/2 face: X
• PAPR: _____
• Type C: _____

Check Exceptions: • Glove Bag: NA • Impervious surfaces: _____

Comments: _____

Work Area:
1. Containment size: NA
2. Glove bag removal: NA
3. % of work done: 100
4. No. of workers: 2
5. Amt. of material: ____SF ____LF
6. Mini-enclosures: NA
7. Barriers (poly/plywood): _____
8. Project oversight X

Hygienist Info:
Time on-site: _____ Car used: Own No. of IH on-site: 1
Lunch break: _____ Miles to site: _____ No. IH billable: 1
Time left site: _____ Total miles: _____ Travel time to site: _____
Total time on-site: _____ Tolls/parking: _____ No. of Bulks: _____ Airs: _____

Hygienist: M Pujara Project Manager: _____
DLWD #: AM 60526 No. of Waste Bags Removed: _____

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