REMOVAL AND ABATEMENT REPORT FOR PCB BUILDING MATERIALS – 2011 ABATEMENT

New Bedford High School
230 Hathaway Boulevard
New Bedford, Massachusetts 02740-2818

Prepared by:

TRC Environmental Corporation
Wannalancit Mills
650 Suffolk Street
Lowell, Massachusetts 01854

On behalf of:

City of New Bedford
Department of Environmental Stewardship
133 William Street
New Bedford, Massachusetts 02740

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TABLE OF CONTENTS

1.0 INTRODUCTION 1-1

1.1 Removal and Abatement Summary 1-1

2.0 REMOVAL AND ABATEMENT 2-1

2.1 Removal Schedule and Procedures 2-2
2.2 Asbestos Abatement 2-2
2.2.1 High-Volume/Low-Volume Air Sampling 2-4
2.3 PCB Bulk Product Waste Removal 2-4
2.4 PCB Remediation Waste Removal 2-5
2.4.1 Fluorescent Light Fixtures 2-5
2.4.2 PUF Cushions 2-6
2.5 Cleanliness Verification 2-7
2.6 Disposal 2-7

3.0 SUMMARY 3-1

4.0 REFERENCES 4-1

TABLES

Table 1 Removal and Abatement Project Timeline
Table 2 Asbestos Air Sample Analysis Results
Table 3 PCBs in Paint Sample Results
Table 4 PCBs in Plywood Sample Results

FIGURES

Figure 1 Site Location Map
Figure 2 New Bedford High School Block Schematic
Figure 3A New Bedford High School, First Floor Plan
Figure 3B New Bedford High School, Second Floor Plan
Figure 3C New Bedford High School, Third Floor Plan

APPENDICES

Appendix A Site Photographs
Appendix B Licenses and Training Certifications for Asbestos Workers
Appendix C Notification of Asbestos Activities to Massachusetts State Authorities
Appendix D Asbestos Air Sample Analysis Reports
Appendix E PCB Sample Analytical Data Reports
Appendix F Manifests and Certificates of Disposal

1.0 INTRODUCTION

TRC Environmental Corporation (TRC) prepared this Removal and Abatement Report (RAR) to document the completion of the removal and abatement work initiated in the interior of the New Bedford High School (NBHS) during the summer break in 2011.

The work described in this RAR is the removal and abatement activities detailed in TRC's *Removal and Abatement Plan – New Bedford High School, Building Interior PCB Removal & Abetment Plan, March 2011* (TRC, 2011a) and covered in the EPA Approval dated June 27, 2011. The information provided is that which was indicated in the removal and abatement plan and required under the Approval and includes:

- A summary of work performed
- Site description
- Description of field procedures
- Verification sample locations and analytical results
- Photographic record of the removal and abatement, and decontamination
- Dust monitoring data
- Waste transport and treatment disposal information
- Copies of waste manifests and bills of lading

1.1 Removal and Abatement Summary

The removal and abatement work at NBHS was performed to remove PCB Bulk Product Wastes and PCB Remediation Wastes as described in the *Removal and Abatement Plan* (TRC, 2011a). The removal and abatement activities were approved by the EPA Region 1 PCB Coordinator. Some of the materials removed also contained asbestos. The procedures implemented for the removal and abatement complied with requirements for removal of ACM under Massachusetts regulations and are detailed herein. The removal and abatement activities were performed building-wide within NBHS.

The removal and abatement consisted of the removal of items within multiple Control Areas. The items removed included:

- **Light Fixtures:** Fluorescent light fixtures with PCB-containing ballasts and light fixtures impacted with residues released from PCB-containing ballasts, commonly known to contain PCBs at concentrations exceeding 50 milligrams per kilogram (mg/kg) and therefore classified as PCB Remediation Wastes;

- **Seating Cushions:** Polyurethane foam (PUF) cushions in the main auditorium where the source of the PCBs is the release from a source containing PCBs at a concentration greater than 50 mg/kg and not from manufacture, therefore classified as PCB Remediation Wastes;

- **Paint in Select Areas:** Paint on concrete masonry unit (CMU) walls in classrooms where the paint was known to contain PCBs at concentrations exceeding 50 mg/kg and therefore classified as PCB Bulk Product Wastes; and

- **Incidental Asbestos Containing Material:** ACM, which was limited to insulated wire within the light fixtures and inside flexible conduit between the junction boxes and the light fixtures abated for containing PCB Remediation Wastes.

Each Control Area consisted of physical barriers, such as a single layer of 6-mil polyethylene sheeting or closed doorways, marked with signage to deter unauthorized entry. A contiguous decontamination station was staged inside the Control Area to prevent impacted material from escaping the Control Area. Asbestos fiber monitoring was performed during the removal activities using field instrumentation to ensure that no asbestos fibers were being released outside of the Control Area.

Following the removal activities, the PCB and ACM items that were removed were double-wrapped in 6-mil polyethylene sheeting or placed in polyethylene bags, sealed with duct tape. The wrapped items were then affixed with an M_L mark before being transported to the removed items storage area and placed into dumpsters lined with two layers of 6-mil polyethylene sheeting. High Efficiency Particulate Air (HEPA) vacuums were used to remove dust and debris from areas subject to fixture removal, paint removals, and cushion removal. In the case of PUF cushions in the auditorium, all parts of the seat known to be in contact with the cushions were vacuumed prior to being wiped with a cleaning solution containing d-limonene.

The removed items storage area consisted of several lined and covered roll-off containers that were marked with asbestos and PCB signage. Items removed during the removal and abatement action were disposed of at various permitted locations. Disposal details are given in section 2.6. The following report provides detail as to the activities performed and the supporting documentation for the activities.

2.0 REMOVAL AND ABATEMENT

Removal and abatement activities were performed during the Summer 2011 break. TRC's Project Engineer and a Project Monitor performed environmental oversight of the work and evaluated if the removal and abatement areas were sufficiently decontaminated for re-occupancy. Contractor's Network, Incorporated (CNI) was the Contractor responsible for performance of the removal and abatement activities. Triumvirate Environmental, Incorporated (TEI) was the sub-contractor responsible for the removal of PCB-containing materials and ACM, and for the construction of the Control Areas.

Removal and abatement activities were performed per the Occupational Safety and Health Administration's (OSHA's) Occupational Exposure to Asbestos Standard, 29 CFR 1926.1101, applicable Massachusetts Department of Environmental Protection (MassDEP) regulations, applicable Massachusetts Department of Labor and Industries (MassDLI) regulations, EPA's Asbestos National Emission Standard for Hazardous Air Pollutants (NESHAP), 40 CFR Part 61 subpart M, and the requirements of the RAP that was approved by EPA Region 1. Details of the asbestos work are provided in Section 2.2.

The removal and abatement activities targeted wall paint, fluorescent light fixtures, and PUF seat cushions. Based on prior bulk product sampling within the high school, wall paint was determined to be PCB Bulk Product Wastes because total PCB concentrations were found to be greater than 50 mg/kg. The PUF seat cushions were determined to be PCB Remediation Waste because the source of the PCBs was not from manufacture, but from the release of PCBs by other building materials. Since the exact source of PCBs cannot be determined, EPA requires that it must be assumed that the source was greater than 50 mg/kg. The fluorescent light fixtures were classified to be PCB Remediation Waste because the source was from PCB-containing ballasts. Although samples of the ballasts were not collected, ballasts that do not specifically state "No PCBs" on the label were assumed to contain PCBs at concentrations greater than 50 mg/kg for this abatement program.

The following building materials and equipment were removed from the locations listed below. Figures 3a, 3b and 3c illustrate the approximate locations of these rooms at NBHS.

- **School-wide:** 2,644 fluorescent light fixtures removed;
- **D-Block Auditorium:** 1,260 sets of seat bottom and seat back PUF cushions removed;
- **Room A-211-3:** Paint on a CMU wall removed;
- **Room A-213-4:** Paint on a CMU wall removed; and
- **Room B-230:** Paint on a CMU wall removed.

2.1 Removal Schedule and Procedures

Table 1 presents a detailed timeline of project activities. Appendix A provides photographs of work areas. The removal and abatement work began on June 27, 2011 with the collection of background total suspended particulate (TSP) samples for comparison to levels during abatement activities. Removal and abatement work was performed between June 29, 2011 and September 5, 2011, with additional punch list work taking place discontinuously until December 2011. TEI transported roll-off dumpsters containing the removed items from the NBHS site periodically between July 19, 2011 and September 13, 2011.

Removal and abatement activities were performed in a sequence that involved choosing and preparing Control Areas, removing and disposing of PCB and ACM-containing material, and cleaning and clearing Control Areas for re-occupancy. Task-specific procedures for removal of asbestos, wall paint, fluorescent light fixtures, and PUF cushions are described in sections 2.2, 2.3, 2.4.1, and 2.4.2, respectively.

2.2 Asbestos Abatement

Asbestos abatement was necessitated per the EPA Asbestos NESHAP (40 CFR Part 61 Subpart M) as the building structure was scheduled for future renovation. TRC was on site throughout the duration of the project to provide monitoring services and to serve as the Project Monitor. TRC also hired subcontractor American Environmental (AE) to assist with project monitoring activities. Appendix B contains copies of licenses and training certifications for TRC, American Environmental and TEI personnel who performed the monitoring and abatement work.

The scope of work for the asbestos abatement phase of this project, which took place from June 29 through August 26, 2011, involved the removal of two thousand nine hundred seventy (2,970) fluorescent light fixtures, some of which contained approximately 2'-3' of asbestos containing wire insulation which was enclosed in metal conduit. The fluorescent light fixtures were removed throughout the school (please see Table 2 for additional information). Written notification of the abatement activity was filed with the MassDEP and Massachusetts Occupational Health & Safety ten days prior to the initiation of the abatement work. Additionally, TRC submitted a letter to MassDEP and the Massachusetts Department of Occupational Safety (MADOS), *Request for an Alternative Work Practice Required for the Removal of Asbestos-Containing Wire Insulation Associated with Lighting Fixtures within the New Bedford High School, March 2011* (Alternative Work Practice; TRC 2011b). This request was granted as written by both MassDEP and MADOS, and allowed the asbestos removal activities to be performed without the use of containments. This letter, along with the corresponding email approvals, and a copy of the written notification submitted by TEI is included in Appendix C.

All work conducted by TEI was performed per OSHA's Occupational Exposure to Asbestos Standard, 29 CFR 1926.1101 and the EPA's Asbestos NESHAP 40 CFR Part 61 Subpart M. All TEI employees performing work on this project were trained and medically qualified to perform such work. All interior work on the asbestos containing fluorescent light fixture wiring was performed within Control Areas to deter unauthorized entry. The release of PCBs or ACM to

surrounding areas was prevented via physical barriers comprised of 6-mil polyethylene sheeting and closed doorways, and decontamination stations staged within work zones. Control Areas were also monitored throughout by collecting air samples. Following the removal and abatement activities, the fluorescent light fixture removal areas were cleaned via HEPA vacuuming and air samples were analyzed to determine if the locations where the removal and abatement activity took place were suitable for re-occupancy by facility personnel and students.

Prior to any fluorescent light fixture removals TRC collected "background" air samples throughout the proposed work areas to compare fiber concentrations in the air to fiber concentrations during light fixture removal activities. Air samples were collected during abatement activities to monitor airborne asbestos fiber emissions and analyzed on-site by an America Industrial Hygiene Association (AIHA) Registered Asbestos Analyst from TRC and American Environmental for asbestos using Phase Contrast Microscopy (PCM) analysis via the National Institute for Occupational Safety and Health (NIOSH) 7400 method. As described in Method 7400 (sections 16 through 19), only fibers greater than 5 micrometers (µm) in length and with a length to width ratio equal to or greater than 3:1 were counted. Field results were recorded on an "Air Sample Analysis Form" and "recounts" were performed on greater than 10-percent of the filters counted. Field blanks were also submitted for each day's analytical activity. The air samples were transferred using chain-of-custody records to TRC's laboratory in Windsor, Connecticut for Quality Control Assurance. The Quality Assurance (QA) program is designed to monitor and assure ongoing precision and accuracy of the procedures performed by the TRC analyst. The QA program includes blank analysis, duplicate/replicate analysis, analysis of reference samples from NIST NVLAP, New York ELAP, AIHA and any other agency proficiency programs which are required to maintain accreditation, and inter-laboratory sample analysis. The majority of the asbestos air samples collected by TRC (inside and outside of the work areas) were found to be below the OSHA Permissible Exposure Limit (PEL). Air sample #'s 359 & 364 exceeded OSHA's PEL. TRC immediately inspected the areas with elevated fiber counts, which was room B-107 and the hallway outside room B-107. TRC noticed a visible layer of dust throughout areas, which appeared to be from the air plenum above the suspended ceiling. Vacuum samples were taken and sent to TRC's Laboratory in Windsor, CT for Polarized Light Microscopy (PLM) analysis via EPA's 600/R39/116 method. All vacuum samples were non-detect (ND; less than 1 percent) for asbestos. In addition to the vacuum samples, TRC also conducted Transmission Electron Microscopy (TEM) air sampling to confirm no asbestos structures were present in the air. All samples confirmed no asbestos fibers were present. Copies of the air sample analysis reports are included in Appendix D.

After abatement activities, the work areas were visually inspected by a TRC/AE licensed Asbestos Project Monitor following American Society of Testing and Materials (ASTM) Standard E1368-90 to ensure complete abatement. Further, air samples collected inside the Control Areas were immediately analyzed to verify acceptable fiber levels prior to re-occupancy by unauthorized personnel. The Control Area re-occupancy air samples were collected and analyzed on-site by an AIHA registered Asbestos Analyst from TRC/AE using PCM via the NIOSH 7400 method. Table 2 provides a summary of the asbestos air sample analysis results.

The asbestos-containing items generated during this project were containerized and labeled as asbestos waste in compliance with OSHA, United States Department of Transportation (DOT),

and EPA requirements. The asbestos-containing items were removed from the site in accordance with all state and federal disposal requirements, including the EPA Asbestos NESHAP, and transported by TEI to the EQ Wayne facility in Michigan for landfill disposal.

2.2.1 High-Volume/Low-Volume Air Sampling

Throughout the fluorescent light fixture removals, TRC/AE conducted PCM air monitoring to verify asbestos fiber levels inside and outside the Control Areas. Due to the short duration of light fixture removals in each work area, TRC/AE utilized High-Volume air sampling pumps in the majority of the work areas. Low-Volume air sampling pumps were also utilized, mostly for durational sample deployment throughout the day in various areas of the school. All air samples were collected and analyzed on site for asbestos via the NIOSH 7400 Method for PCM. The sample media consists of 25 millimeter (25-mm) cassettes with a conductive cowl and cellulose ester membrane filters. The High-Volume pumps were calibrated to 15 liters per minute and typically ran for the duration of the light fixture removal job. The low-flow pumps were calibrated to approximately two (2) liters per minute and allowed to run for the duration of the particular task. Both air sampling methods were utilized to confirm that the EPA re-occupancy criteria of <0.01 fibers per cubic centimeter (f/cc) was met prior to re-occupancy.

2.3 PCB Bulk Product Waste Removal

Wall paint in rooms B-230, A-211-3, and A-213-4 was removed from the structural CMU walls. Abatement was conducted by means of chemical stripping involving a caustic removal agent.

The Contractor erected Control Areas, performed abatement and removal activities, and decontaminated and removed the Control Areas. TRC's Project Engineer inspected the Control Areas and evaluated their performance, oversaw removal/abatement work, and performed verification testing following decontamination by the Contractor to document that the area was suitable for re-occupancy. The requirements for re-occupancy of the Control Area were that 1) all visible paint was removed from the CMUs, 2) all surfaces were cleaned and passed visual inspection, and 3) bulk samples of the associated structural elements that were to remain be analyzed to document the potential presence of PCB Remediation Wastes, followed by encapsulation of the PCB Remediation Wastes if necessary (TRC, 2011a).

TRC conducted two separate bulk sampling events during the abatement process. During the first event, TRC collected nine (9) samples (3 samples per room), plus one field duplicate, of concrete from areas of the wall where all visible paint had been removed. Samples were collected using a mechanical drill bit to obtain concrete from 0 to 0.5 inches below the wall surface. All samples results were less than 1 mg/kg for PCBs.

Removal of paint required additional time and manpower beyond the expectations stated in the contract specifications. In many cases, the top coat of paint was able to be removed, while a more persistent primer layer required additional rounds of stripper application. A second round of bulk samples were collected after it was determined that removal of the primer layer between the paint and the concrete required more effort. The underlying primer could be differentiated from the overlying paint by differences in color. TRC collected nine (9) samples (3 per room),

plus one field duplicate of the underlying primer to be analyzed for PCBs. Three (3) additional samples of the primer from above the ceiling tiles from areas which had not been painted with a top coat, and consequently had not been subject to the paint stripping effort, were collected and analyzed for PCBs. Samples were collected using a small electric powered oscillating scraper.

The results of the underlying primer sampling are summarized in the table below

Room/ Date	Original Paint	Paint/ Primer 1	Paint/ Primer 2	Paint/ Primer 3	Duplicate	Primer Alone
	2008/2009	2011				2011
B-230	55.7	5.7	7.19	5.97	NA	3.44
A-211-3	42.69	1.71	1.26	2.016	NA	7.63
A-213-4	26.2	0.787	0.368	0.33	0.522	2.197

The data collected indicates that the underlying primer would be properly classified as Excluded PCB Product. The EPA reviewed the data and observations from the paint stripping effort and found it acceptable to leave the primer in place in rooms B-230 and A-211-3. In room A-213-4, there remained a minimal but visible amount of PCB Bulk Product Paint. The wall was painted with two coats of epoxy paints of contrasting colors and conspicuously affixed with M_L stickers before the false wall was reconstructed. All analytical data are provided in Table 3.

2.4 PCB Remediation Waste Removal

PCB Remediation Wastes removed from NBHS include both fluorescent light fixtures and PUF cushions. Specific remediation and disposal procedures are detailed in the following sections.

2.4.1 Fluorescent Light Fixtures

Fluorescent light fixture removal activities were performed in a series of nine standard steps, as follows:

- **Step 1:** The Project Engineer pre-marked fixtures requiring remediation to facilitate identification by the Contractor.
- **Step 2:** The Contractor determined the work area based on electrical service and cut power to the area using standard lockout-tagout procedures.
- **Step 3:** The Contractor established a Control Area which was subsequently approved by a licensed Massachusetts Asbestos Project Monitor.
- **Step 4:** The Contractor disconnected and removed wires known to contain ACM in accordance with the Alternative Work Practice, placed the wire in a polyethylene bag, and removed to the storage area.
- **Step 5:** The Contractor removed fluorescent light bulbs and containerized the bulbs for disposal as Universal Waste.

- **Step 6:** The Contractor removed any PCB ballasts and immediately placed them in a container bearing the M_L mark, and then moved the container to the waste storage area. Contractor then removed the light fixture, double-wrapped it in 6-mil polyethylene sheeting on the floor beneath, and transported it to the waste storage area for disposal before the end of the same day.

- **Step 7:** The Project Engineer performed a remediation inspection and the Project Monitor conducted asbestos air clearance sampling and analysis prior to re-occupancy.

- **Step 8:** The Contractor cleaned the entire Control Area and the Project Monitor performed a visual inspection.

- **Step 9:** The Contractor removed all remaining waste and placed these materials in the removed items storage area after all collected clearance samples met acceptance criteria.

Fixture removal activities took place between June 29, 2011 and September 5, 2011. During that time 2,644 fixtures were removed from NBHS. Removal activities were conducted by an abatement crew of up to 11 workers certified to work with asbestos. Abatement crews began removal activities in A-Block on the 3rd Floor of Green House and proceeded thereafter to Gold House, Tan House, and Blue House. Abatement was then completed in B-Block, C-Block, E-Block, F-Block, and D-Block. Fixtures were removed in accordance with both the RAP and the Alternative Work Practice.

2.4.2 PUF Cushions

The main auditorium contains 1,260 seats, the cushions of which are comprised of PUF that was classified as PCB Remediation Waste. Initially, as called for in the RAP, the cloth and PUF was removed from the plywood backing of the seat back and transported to the waste storage area to await disposal. The bottom cushions were removed from the metal seat pan intact. Following removal of the PUF, the remaining plywood backing was HEPA-vacuumed and wiped clean with a cleaning solution containing d-limonene.

Post-abatement confirmatory samples of the remaining plywood backing were collected from a select number of seats that were abated in advance of the majority of the auditorium. The samples were collected for the purpose of expediting the abatement portion of the work in the auditorium. This approach was presented to the EPA prior to sampling and was found to be acceptable. Corresponding bulk and wipe samples were collected at a frequency of one (1) sample per every 10 chairs remediated for the first 100 chairs (11 total). Additional wipe samples were collected at a frequency of one (1) per every 35 chairs remediated if the initial bulk samples passed the remedial criteria (37 total). Laboratory analytical data from plywood samples are provided in Table 4.

In the course of the abatement activities following the confirmatory sampling, the contractor deemed the abatement of the seatbacks to be more costly and time-consuming than replacing the seatbacks outright. This decision negated the necessity to remove PUF and clean the plywood seatbacks. All parts of the seats remaining in place that may have been in contact with the

cushions, specifically the seat pans and the plastic portions of the seatbacks, were HEPA-vacuumed and wiped clean with a solution containing d-limonene.

2.5 Cleanliness Verification

Initial air clearance sampling for re-occupancy was performed following the removal of ACM and is described in subsection 2.2.2. Following the removal of PCB containing materials in all areas of the high school, TRC performed a visual inspection of the affected area to determine that it was sufficiently decontaminated. In the auditorium where the PUF removal was performed, TRC collected both bulk and wipe samples to complete the cleanliness verification as described in subsection 2.4.2. For wipe sample collection, TRC used a 10 centimeter by 10 centimeter (10 cm x 10 cm) template consistent with ASTM Standard Practice for Field Collection of Organic Compounds from Surfaces Using Wipe Sampling, Standard Designation: D 6661-01 (ASTM, 2001). The wipe samples were collected from decontaminated surfaces using hexane-moistened gauze wipes (ASTM, 2001). The wipe samples were collected by holding the moistened wipe with surgical gloves and thoroughly wiping the target area. Samples were placed into air-tight laboratory-supplied 4-ounce glass containers. Each container was labeled with a location specific sample number.

TRC performed bulk sampling by various means of mechanical sample collection, depending on the sample media. Bulk samples for concrete and primer were collected with a drill equipped with a masonry bit as described in section 2.3. Samples of the half inch plywood seat backs were collected using a mechanical drill with a coring attachment. The core was advanced from 0 to 0.5 inches through the material to obtain a plywood core of one half inch in thickness.

All bulk and wipe samples were submitted to Northeast Analytical Laboratories (NEA), of Schenectady, New York, recently acquired by Pace Analytical, for analysis of PCB Aroclors by SW-846 Method 8082. Analytical data are presented in Tables 3 and 4. The results of samples collected in the auditorium were non-detect and thereby met the acceptance criterion of less than (<) 1.0 ug/100 cm^2 total PCBs for wipe samples and less than (<) 1.0 ug/kg total PCBs for bulk samples after the initial decontamination. The results of the paint and concrete samples collected during the abatement of the PCB paint are discussed in subsection 2.3. Analytical laboratory data reports are provided in Appendix E.

2.6 Disposal

Materials removed for disposal during abatement activities were shipped between July 19, 2011 and September 13, 2011. Roll-offs containing PCB-contaminated light fixtures were shipped to the EQ-Wayne Disposal landfill facility in Belleville, Michigan. Containers of PCB-contaminated caustic paint stripper were shipped to the CWM Model City Landfill located in Model City, New York. PUF was shipped to the Turnkey Landfill in Rochester, New Hampshire. ACM, non-regulated exempt PCB ballasts, and fluorescent light ballasts were shipped to Complete Recycling Solutions in Fall River, Massachusetts for incineration. In total, 110,500 pounds (55.25 tons) of material were removed from NBHS during the Summer 2011 abatement activities. Of this total, 90,520 pounds (45.26 tons) were light fixtures, 14,700 pounds

(7.35 tons) were PUF, 780 pounds (0.39 tons) were caustic stripper, and 4,500 pounds (2.25 tons) were PCB ballasts. Copies of manifest documentation are provided in Appendix F.

3.0 SUMMARY

All remedial goals for the removal of PCB Bulk Product Wastes and PCB Remediation Wastes in this RAR were achieved, including wall paint in room A-213-4 which was subject 40 CFR § 761.30(u), *Use of decontaminated materials*. Specifically, PCB Bulk Product Wastes were successfully removed and disposed of at a landfill. PCB Remediation Wastes were also removed and disposed of at a landfill. The locations of these PCB Bulk Product Wastes were decontaminated and it was determined that remedial activities had not rendered these areas unfit for re-occupancy by faculty and staff. ACM was also removed and disposed of as part of the scope of this work.

4.0 REFERENCES

ASTM, 2001. Standard Practice for Field Collection of Organic Compounds from Surfaces Using Wipe Sampling. Designation D6661-01. 2001.

TRC Environmental Corporation (TRC). 2011a. Removal and Abatement Plan – New Bedford High School, Building Interior PCB Removal & Abatement Plan. March 2011.

TRC Environmental Corporation (TRC). 2011b. Request for an Alternative Work Practice Required for the Removal of Asbestos-Containing Wire Insulation Associated with Lighting Fixtures within the New Bedford High School. March 2011.

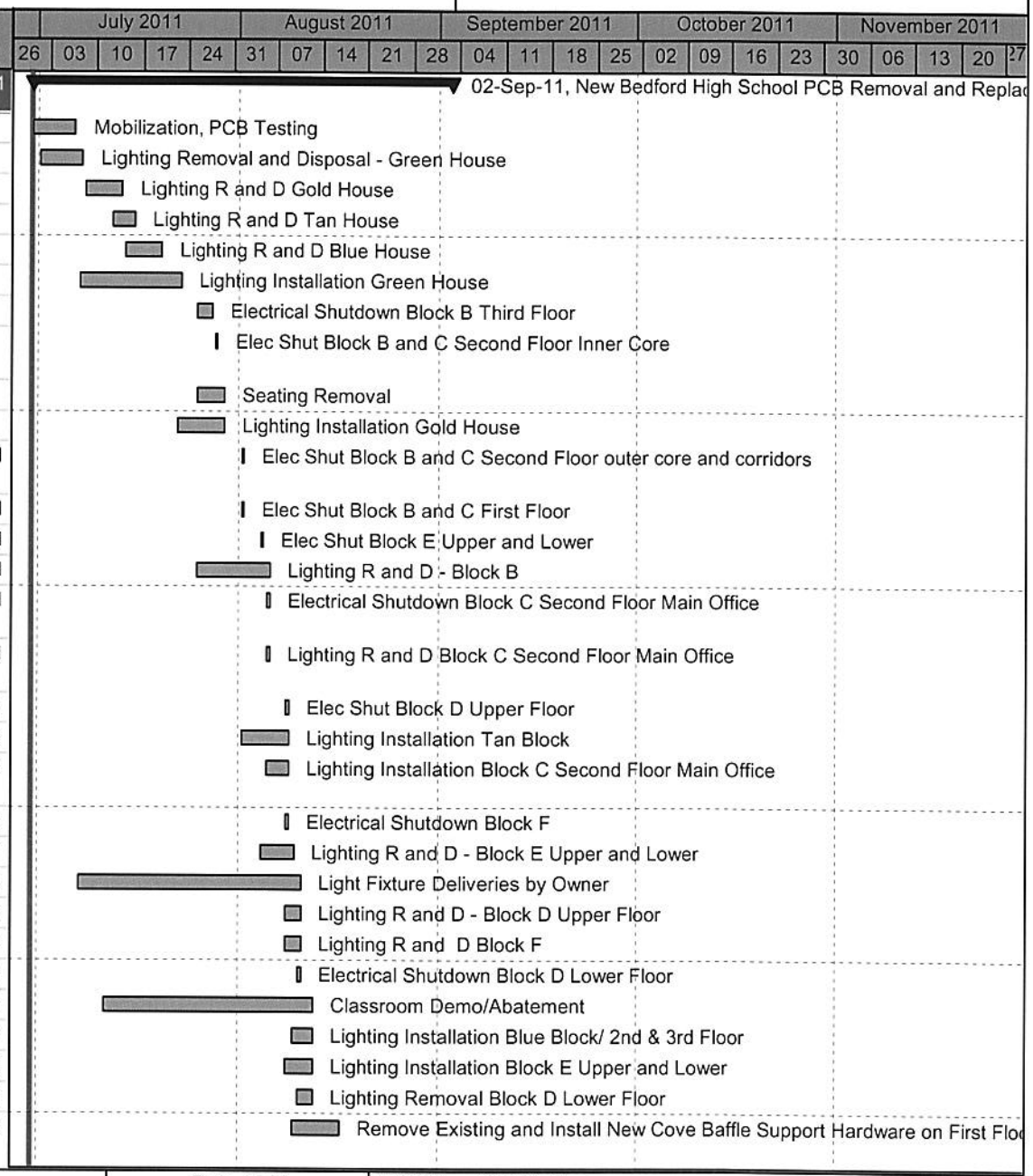
TABLES

Table 1

Project Timeline

New Bedford High School PCB Removal and Replacement | Contractors Network, Inc | 13-Aug-11 19:18

Activity ID	Activity Name	Start	Finish
	New Bedford High School PC...	30-Jun-11	02-Sep-11
	Mobilization, PCB Testing	30-Jun-11	06-Jul-11
	Lighting Removal and Disposal - Green Ho...	01-Jul-11*	07-Jul-11
	Lighting R and D Gold House	08-Jul-11*	13-Jul-11
	Lighting R and D Tan House	12-Jul-11*	15-Jul-11
	Lighting R and D Blue House	14-Jul-11*	19-Jul-11
	Lighting Installation Green House	07-Jul-11*	22-Jul-11
	Electrical Shutdown Block B Third Floor	25-Jul-11	27-Jul-11
	Elec Shut Block B and C Second Floor Inner Core	28-Jul-11	28-Jul-11
	Seating Removal	25-Jul-11*	29-Jul-11
	Lighting Installation Gold House	22-Jul-11*	29-Jul-11
	Elec Shut Block B and C Second Floor outer core and corridors	01-Aug-...	01-Aug-11
	Elec Shut Block B and C First Floor	01-Aug-...	01-Aug-11
	Elec Shut Block E Upper and Lower	04-Aug-...	04-Aug-11
	Lighting R and D - Block B	25-Jul-11*	05-Aug-11
	Electrical Shutdown Block C Second Floor Main Office	05-Aug-...	05-Aug-11
	Lighting R and D Block C Second Floor Main Office	05-Aug-...	05-Aug-11
	Elec Shut Block D Upper Floor	08-Aug-...	08-Aug-11
	Lighting Installation Tan Block	01-Aug-...	08-Aug-11
	Lighting Installation Block C Second Floor Main Office	05-Aug-...	08-Aug-11
	Electrical Shutdown Block F	08-Aug-...	08-Aug-11
	Lighting R and D - Block E Upper and Lower	04-Aug-...	09-Aug-11
	Light Fixture Deliveries by Owner	07-Jul-11*	10-Aug-11
	Lighting R and D - Block D Upper Floor	08-Aug-...	10-Aug-11
	Lighting R and D Block F	08-Aug-...	10-Aug-11
	Electrical Shutdown Block D Lower Floor	10-Aug-...	10-Aug-11
	Classroom Demo/Abatement	11-Jul-11*	12-Aug-11
	Lighting Installation Blue Block/ 2nd & 3rd ...	09-Aug-...	12-Aug-11
	Lighting Installation Block E Upper and Lo...	08-Aug-...	12-Aug-11
	Lighting Removal Block D Lower Floor	10-Aug-...	12-Aug-11
	Remove Existing and Install New Cove Baffle Support Hardware on First Floor all Wings	09-Aug-...	16-Aug-11



Actual Work | Critical Remaining Work | Summary | Remaining Work | Milestone

Page 1 of 2

TASK filter: All Activities

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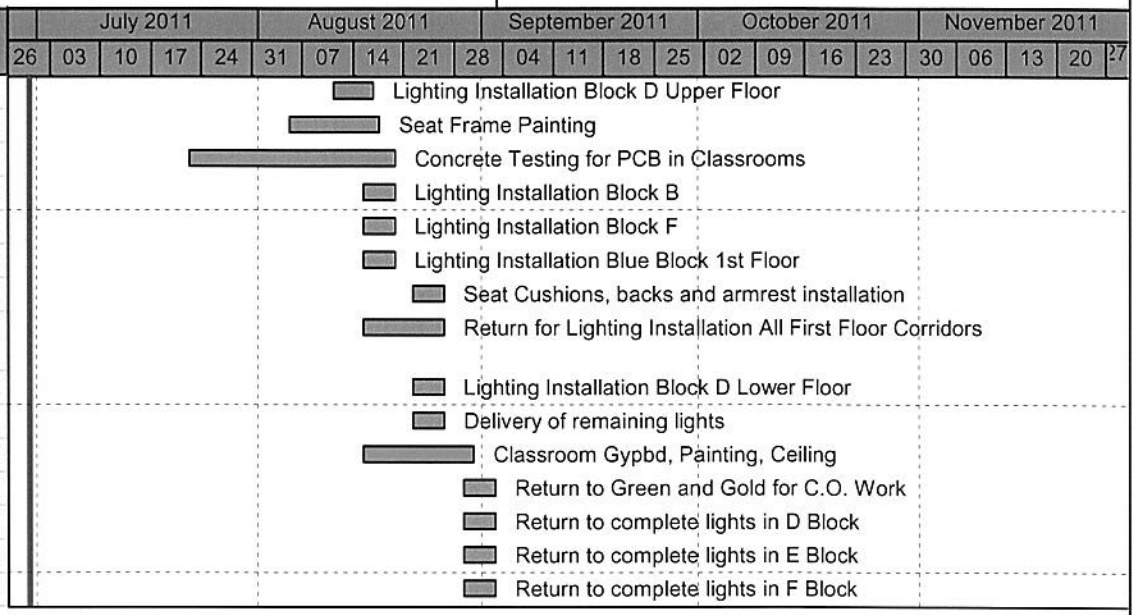
Table 1

Project Timeline

New Bedford High School PCB Removal and Replacement | Contractors Network, Inc | 13-Aug-11 19:18

Activity ID	Activity Name	Start	Finish
	Lighting Installation Block D Upper Floor	11-Aug-...	16-Aug-11
	Seat Frame Painting	05-Aug-...	17-Aug-11
	Concrete Testing for PCB in Classrooms	22-Jul-11	19-Aug-11
	Lighting Installation Block B	15-Aug-...	19-Aug-11
	Lighting Installation Block F	15-Aug-...	19-Aug-11
	Lighting Installation Blue Block 1st Floor	15-Aug-...	19-Aug-11
	Seat Cushions, backs and armrest installat...	22-Aug-...	26-Aug-11
	Return for Lighting Installation All First Floor Corridors	15-Aug-...	26-Aug-11
	Lighting Installation Block D Lower Floor	22-Aug-...	26-Aug-11
	Delivery of remaining lights	22-Aug-...	26-Aug-11
	Classroom Gypbd, Painting, Ceiling	15-Aug-...	30-Aug-11
	Return to Green and Gold for C.O. Work	29-Aug-...	02-Sep-11
	Return to complete lights in D Block	29-Aug-...	02-Sep-11
	Return to complete lights in E Block	29-Aug-...	02-Sep-11
	Return to complete lights in F Block	29-Aug-...	02-Sep-11



Actual Work | Critical Remaining Work | Summary
Remaining Work | Milestone

Page 2 of 2

TASK filter: All Activities

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Table 2
Summary of Air Monitoring Results - 2011
New Bedford High School
New Bedford, Massachusetts

Sample Location	Sample Type	Airborne Fiber Concentration (fibers/cc)	Date	Sample Number
1st floor o/s B112 Receiving	Background	ND < 0.002	6/29/2011	1
1st floor Kitchen	Background	ND < 0.002	6/29/2011	2
1st floor tan house hallway	Background	ND < 0.002	6/29/2011	3
1st floor green house food service area	Background	ND < 0.002	6/29/2011	4
1st floor green house cafeteria	Background	ND < 0.002	6/29/2011	5
2nd floor blue house o/s A-207-4	Background	ND < 0.002	6/29/2011	6
2nd floor tan house i/s room A-212-3	Background	ND < 0.002	6/29/2011	7
2nd floor gold house, i/s room A-205-2	Background	ND < 0.002	6/29/2011	8
2nd floor green house, o/s room B-231	Background	ND < 0.002	6/29/2011	9
2nd floor Auditorium hallway	Background	ND < 0.002	6/29/2011	10
3rd floor i/s room B-363	Background	ND < 0.002	6/29/2011	11
3rd floor hallway o/s room B-309	Background	ND < 0.002	6/29/2011	12
3rd floor tan house, o/s room A-318-3	Background	ND < 0.002	6/29/2011	13
3rd floor hallway, o/s room B-332	Background	ND < 0.002	6/29/2011	14
3rd floor o/s room A-310-1	Background	ND < 0.002	6/29/2011	15
FIELD BLANK				16
FIELD BLANK				17
green house 3rd floor entrance to hallway	Environmental	ND < 0.006	7/1/2011	18
green house room A-318-1	Environmental	ND < 0.006	7/1/2011	19
green house o/s room A-310-1	Environmental	ND < 0.006	7/1/2011	20
FIELD BLANK				21
FIELD BLANK				22
BZA - 30 min exc Jeff Dollfuss	Personal	ND < 0.030	7/5/2011	23
BZA-J dollfuss (durational)	Personal	0.011	7/5/2011	24
3rd floor green house room A-308-1	Environmental	ND < 0.002	7/5/2011	25
3rd floor green house room A-309-1	Environmental	0.003	7/5/2011	26
3rd floor green house room A-310-1	Environmental	ND < 0.003	7/5/2011	27
3rd floor green house hallway o/s room A-310-1	Environmental	ND < 0.002	7/5/2011	28
3rd floor green house hallway o/s room A-318-1	Environmental	ND < 0.003	7/5/2011	29
3rd floor green house hallway o/s room B-320	Environmental	ND < 0.002	7/5/2011	30
FIELD BLANK				31
FIELD BLANK				32
BZA Jason Percival	Personal	0.004	7/6/2011	33
BZA J. Percival (30 min excursion)	Personal	ND < 0.030	7/6/2011	34
green house 3rd floor o/s room A-310-1	Environmental	ND < 0.002	7/6/2011	35
green house 3rd floor o/s room A-318-1	Environmental	0.004	7/6/2011	36
green house 3rd floor hallway o/s room B-320	Environmental	ND < 0.002	7/6/2011	37
green house 3rd floor room A-310-1	Environmental	ND < 0.002	7/6/2011	38
green house 3rd floor room A-311-1	Environmental	0.006	7/6/2011	39
green house 3rd floor room A-312-1	Environmental	0.002	7/6/2011	40
green house 3rd floor room A-315-1	Environmental	0.003	7/6/2011	41
green house 3rd floor room A-306-1	Environmental	ND <0.001	7/6/2011	42
FIELD BLANK				43
FIELD BLANK				44
green house 3rd floor room A-306-1	Environmental	ND <0.001	7/7/2011	45
green house 3rd floor hallway @ room A-310-1	Environmental	ND <0.003	7/7/2011	46
green house 3rd floor room A-303-1	Environmental	ND < 0.001	7/7/2011	47
green house 2nd floor hallway @ room 1-203	Environmental	ND < 0.003	7/7/2011	48
green house 2nd floor hallway @ room 1-225	Environmental	ND < 0.003	7/7/2011	49
green house 2nd floor hallway @ room 1-212	Environmental	ND < 0.003	7/7/2011	50
green house 2nd floor hallway @ room 1-210	Environmental	ND < 0.001	7/7/2011	51
2nd floor room 1-205	Environmental	ND <0.001	7/7/2011	52
Greg Dimacale Excursion	Personal	ND <0.036	7/7/2011	53
Greg Dimacale TWA	Personal	ND <0.004	7/7/2011	54
2nd floor room 1-203	Environmental	ND <0.001	7/7/2011	55
2nd floor i/s room 1-212	Environmental	ND <0.001	7/7/2011	56
2nd floor room 1-208	Environmental	0.002	7/7/2011	57
FIELD BLANK				58
FIELD BLANK				59
HS. 1-2nd floor hallway @ 1-208	Environmental	ND < 0.002	7/8/2011	60
HS. 1-2nd floor hallway @ 1-225	Environmental	ND < 0.002	7/8/2011	61
HS. 1-2nd floor hallway @ 1-203	Environmental	0.004	7/8/2011	62
room 1-209	Environmental	ND <0.001	7/8/2011	63
room 1-214	Environmental	ND <0.001	7/8/2011	64
room 1-226	Environmental	ND <0.001	7/8/2011	65
Hall @ entrance to student dining room	Environmental	ND <0.006	7/8/2011	66
A-103-1 student dining room	Environmental	ND <0.006	7/8/2011	67
1st floor corridor A-106-1 near A-111-1	Environmental	ND <0.006	7/8/2011	68
FIELD BLANK				69
FIELD BLANK				70
o/s A-113-1 hallway green wing	Environmental	ND < 0.002	7/9/2011	71
o/s A-112-1 hallway green wing	Environmental	ND < 0.002	7/9/2011	72
i/s A-111-1 center of wall adjacent to entrance	Environmental	0.003	7/9/2011	73
i/s A-112-1 center of wall perpendicular to entrance	Environmental	ND < 0.002	7/9/2011	74
i/s A-114-1 center of wall adjacent to entrance	Environmental	ND < 0.002	7/9/2011	75
i/s A-115-1 center of wall adjacent to entrance	Environmental	ND < 0.002	7/9/2011	76
i/s A-116-1 center of wall adjacent to entrance	Environmental	ND < 0.001	7/9/2011	77
i/s A-117-1 center of wall adjacent to entrance	Environmental	ND < 0.001	7/9/2011	78
FIELD BLANK				79
FIELD BLANK				80
1st floor corehall @ entrance to green house	Environmental	ND <0.005	7/11/2011	81
1st floor green house cafeteria seating area	Environmental	ND <0.005	7/11/2011	82
1st floor green house corridor o/s room 1-112	Environmental	ND <0.005	7/11/2011	83
1st floor green house café	Environmental	ND <0.005	7/11/2011	84
3rd floor i/s room 1-315	Environmental	ND <0.009	7/11/2011	85
2nd floor i/s room 1-208	Environmental	ND <0.014	7/11/2011	86
gold house 3rd floor hallway @ room 2-303	Environmental	ND <0.034	7/11/2011	87
gold house 3rd floor @ room 2-319	Environmental	0.001	7/11/2011	88
gold house 3rd floor hallway @ room 2-318	Environmental	ND <0.004	7/11/2011	89
gold house 3rd floor hallway @ room 2-309	Environmental	ND <0.004	7/11/2011	90
gold house 3rd floor at room 2-318	Environmental	ND <0.001	7/11/2011	91
gold house 3rd floor at room 2-315	Environmental	ND <0.002	7/11/2011	92

Table 2
Summary of Air Monitoring Results - 2011
New Bedford High School
New Bedford, Massachusetts

Sample Location	Sample Type	Airborne Fiber Concentration (fibers/cc)	Date	Sample Number
FIELD BLANK				93
FIELD BLANK				94
gold house 3rd floor hallway @ room 2-303	Environmental	ND <0.005	7/12/2011	95
gold house 3rd floor hallway @ room 2-304	Environmental	ND <0.005	7/12/2011	96
gold house 3rd floor hallway @ room 2-306	Environmental	ND <0.005	7/12/2011	97
gold house 3rd floor room 2-310	Environmental	ND <0.001	7/12/2011	98
gold house 3rd floor room 2-308	Environmental	ND <0.001	7/12/2011	99
2nd floor gold building entrance locker 2607	Environmental	ND <0.004	7/12/2011	100
2nd floor gold househall duration locker 2712	Environmental	ND <0.004	7/12/2011	101
2nd floor gold building o/s class (hall) A-209-2	Environmental	ND <0.004	7/12/2011	102
2nd floor gold house room 2-209	Environmental	ND <0.003	7/12/2011	103
gold house 2nd floor room 2-205	Environmental	ND <0.001	7/12/2011	104
FIELD BLANK				105
FIELD BLANK				106
gold house 2d floor hallway @ room 2-203	Environmental	ND <0.003	7/13/2011	107
gold house 2d floor hallway @ room 2-208	Environmental	ND <0.003	7/13/2011	108
gold house 2d floor hallway @ room 2-214	Environmental	ND <0.003	7/13/2011	109
gold house 2d floor room 2-227	Environmental	ND <0.001	7/13/2011	110
green house 2d floor room 1-225	Environmental	ND <0.001	7/13/2011	111
gold house 1st floor room 2-111	Environmental	ND <0.001	7/13/2011	112
gold house 1st floor hallway @ room 2-105	Environmental	ND <0.004	7/13/2011	113
gold house 1st floor hallway @ room 2-113	Environmental	ND <0.004	7/13/2011	114
gold house 1st floor room 2-112	Environmental	ND <0.002	7/13/2011	115
FIELD BLANK				116
FIELD BLANK				117
gold house 1st floor hallway @ room 2-113	Environmental	0.005	7/14/2011	118
gold house 1st floor hallway @ room 2-105	Environmental	ND <0.004	7/14/2011	119
tan house 3rd floor hallway @ 3-303	Environmental	ND <0.004	7/14/2011	120
tan house 3rd floor hallway @ room 3-318	Environmental	ND <0.004	7/14/2011	121
tan house 3rd floor hallway @ room 3-308	Environmental	ND <0.004	7/14/2011	122
tan house 3rd floor room 3-303	Environmental	ND <0.002	7/14/2011	123
tan house 3rd floor room 3-306	Environmental	ND <0.004	7/14/2011	124
FIELD BLANK				125
FIELD BLANK				126
tan house 3rd floor hallway @ 3-306	Environmental	ND <0.005	7/15/2011	127
tan house 3rd floor @ room 3-319	Environmental	ND <0.002	7/15/2011	128
tan house 2nd floor hallway @ room 3-203	Environmental	ND <0.006	7/15/2011	129
tan house 2nd floor hallway @ room 3-218	Environmental	ND <0.003	7/15/2011	130
tan house 2nd floor hallway @ room 3-210	Environmental	ND <0.003	7/15/2011	131
tan house 2nd floor room - 203	Environmental	ND <0.001	7/15/2011	132
FIELD BLANK				133
FIELD BLANK				134
tan house 2nd floor hallway @ room 3-203	Environmental	ND <0.003	7/18/2011	135
tan house 2nd floor hallway @ room 3-312	Environmental	0.005	7/18/2011	136
tan house 2nd floor hallway @ room 3-210	Environmental	ND <0.003	7/18/2011	137
tan house 2nd floor room 3-225	Environmental	ND <0.001	7/18/2011	138
tan house 1st floor room 3-110	Environmental	0.001	7/18/2011	139
tan house 1st floor room 3-311	Environmental	ND <0.001	7/18/2011	140
tan house 1st floor hallway @ room 3-105	Environmental	ND <0.004	7/18/2011	141
tan house 1st floor hallway @ room 3-115	Environmental	ND <0.003	7/18/2011	142
FIELD BLANK				143
FIELD BLANK				144
tan house 1st floor room 3-113	Environmental	ND <0.0009	7/19/2011	145
blue house 3rd floor hallway @ 4-319	Environmental	ND <0.002	7/19/2011	146
blue house 3rd floor hallway @ 4-304	Environmental	ND <0.002	7/19/2011	147
blue house 3rd floor room 4-303	Environmental	0.002	7/19/2011	148
blue house 3rd floor room 4-304	Environmental	ND <0.001	7/19/2011	149
blue house 3rd floor hallway @ room 4-310	Environmental	ND <0.002	7/19/2011	150
blue house 3rd floor room 4-310	Environmental	ND <0.0008	7/19/2011	151
blue house 3rd floor room 4-311	Environmental	0.003	7/19/2011	152
FIELD BLANK				153
FIELD BLANK				154
blue house 2nd floor room 4-203	Environmental	ND <0.0007	7/20/2011	155
blue house 2nd floorroom 4-205	Environmental	ND <0.0007	7/20/2011	156
blue house 2nd floor hallway @ room 4-203	Environmental	ND <0.002	7/20/2011	157
blue house 2nd floor hallway @ room 4-205	Environmental	ND <0.002	7/20/2011	158
blue house 2nd floor hallway @ room 4-211	Environmental	ND <0.002	7/20/2011	159
blue house 2nd floor room 4-225	Environmental	ND <0.001	7/20/2011	160
blue house 2nd floor room 4-217	Environmental	ND <0.001	7/20/2011	161
FIELD BLANK				162
FIELD BLANK				163
blue house 1st floor cafeteria	Environmental	ND <0.004	7/21/2011	164
blue house 1st floor i/s room A-105-4	Environmental	ND <0.001	7/21/2011	165
blue house 1st floor i/s room A-111-4	Environmental	0.001	7/21/2011	166
blue house 1st floor i/s room A-110-4	Environmental	0.001	7/21/2011	167
blue house 1st floor i/s room A-112-4	Environmental	ND <0.005	7/21/2011	168
blue house 1st floor hallway	Environmental	ND <0.005	7/21/2011	169
blue house 1st floor i/s room A-114-4	Environmental	ND <0.005	7/21/2011	170
blue house 1st floor i/s room A-115-4	Environmental	ND <0.005	7/21/2011	171
blue house 1st floor i/s room A-116-4	Environmental	ND <0.005	7/21/2011	172
blue house 1st floor i/s room A-117-4	Environmental	ND <0.005	7/21/2011	173
blue house 1st floor i/s room A-113-4	Environmental	ND <0.001	7/21/2011	174
green house 3rd floor i/s room A-304-1	Environmental	ND <0.002	7/21/2011	175
green house 3rd floor i/s room A-307-1	Environmental	ND <0.003	7/21/2011	176
green house 3rd floor i/s room A-316-1	Environmental	ND <0.003	7/21/2011	177
green house 3rd floor i/s room A-319-1	Environmental	ND <0.002	7/21/2011	178
green house 2nd floor i/s room A-211-1	Environmental	ND <0.005	7/21/2011	179
green house 2nd floor i/s room A-213-1	Environmental	ND <0.003	7/21/2011	180
green house 2nd floor i/s room A-217-1	Environmental	ND <0.004	7/21/2011	181
green house 2nd floor i/s room A-218-1	Environmental	ND <0.002	7/21/2011	182
green house 2nd floor i/s room A-227-1	Environmental	ND <0.003	7/21/2011	183

Table 2
Summary of Air Monitoring Results - 2011
New Bedford High School
New Bedford, Massachusetts

Sample Location	Sample Type	Airborne Fiber Concentration (fibers/cc)	Date	Sample Number
green house 2nd floor i/s room A-228-1	Environmental	ND <0.003	7/21/2011	184
green house 1st floor i/s room A-110-1	Environmental	ND <0.002	7/21/2011	185
green house 1st floor i/s room A-105-1	Environmental	ND <0.003	7/21/2011	186
green house 1st floor i/s room A-113-1	Environmental	ND <0.002	7/21/2011	187
FIELD BLANK				188
FIELD BLANK				189
blue house 1st floor cafeteria	Environmental	ND <0.003	7/22/2011	190
blue house 1st floor room A-105-4	Environmental	ND <0.002	7/22/2011	191
blue house 1st floor hallway	Environmental	ND <0.002	7/22/2011	192
blue house 1st floor A-114-4	Environmental	ND <0.002	7/22/2011	193
blue house 1st floor room A-116-4	Environmental	ND <0.003	7/22/2011	194
blue house 1st floor room A-117-4	Environmental	ND <0.003	7/22/2011	195
blue house 2nd floor room A-204-4	Environmental	ND <0.003	7/22/2011	196
blue house 2nd floor room A-208-4	Environmental	ND <0.003	7/22/2011	197
blue house 2nd floor room A-209-4	Environmental	ND <0.003	7/22/2011	198
blue house 2nd floor room A-210-4	Environmental	ND <0.003	7/22/2011	199
blue house 2nd floor room A-211-4	Environmental	ND <0.003	7/22/2011	200
blue house 2nd floor room A-212-4	Environmental	ND <0.003	7/22/2011	201
blue house 2nd floor room A-213-4	Environmental	ND <0.003	7/22/2011	202
blue house 2nd floor room A-214-4	Environmental	ND <0.003	7/22/2011	203
blue house 2nd floor room A-218-4	Environmental	ND <0.003	7/22/2011	204
blue house 2nd floor room A-231-4	Environmental	ND <0.003	7/22/2011	205
blue house 3rd floor room A-306-4	Environmental	ND <0.003	7/22/2011	206
blue house 3rd floor room A-307-4	Environmental	ND <0.003	7/22/2011	207
blue house 3rd floor room A-308-4	Environmental	ND <0.003	7/22/2011	208
blue house 3rd floor room A-309-4	Environmental	ND <0.003	7/22/2011	209
blue house 3rd floor room A-312-4	Environmental	ND <0.003	7/22/2011	210
blue house 3rd floor room A-315-4	Environmental	ND <0.003	7/22/2011	211
blue house 3rd floor room A-316-4	Environmental	ND <0.003	7/22/2011	212
blue house 3rd floor room A-318-4	Environmental	ND <0.003	7/22/2011	213
blue house 3rd floor room A-319-4	Environmental	ND <0.003	7/22/2011	214
tan house 3rd floor room A-304-3	Environmental	ND <0.003	7/22/2011	215
tan house 3rd floor room A-307-3	Environmental	ND <0.003	7/22/2011	216
tan house 3rd floor room A-308-3	Environmental	ND <0.003	7/22/2011	217
tan house 3rd floor room A-309-3	Environmental	ND <0.003	7/22/2011	218
tan house 3rd floor room A-310-3	Environmental	ND <0.003	7/22/2011	219
FIELD BLANK				220
FIELD BLANK				221
3rd room B-362	Environmental	ND <0.003	7/25/2011	222
3rd room B-363	Environmental	ND <0.003	7/25/2011	223
3rd room B-367	Environmental	ND <0.004	7/25/2011	224
tan house 3rd floor room A-311-3	Environmental	ND <0.002	7/25/2011	225
tan house 3rd floor room A-312-3	Environmental	ND <0.002	7/25/2011	226
tan house 3rd floor room A-315-3	Environmental	ND <0.003	7/25/2011	227
tan house 3rd floor room A-316-3	Environmental	ND <0.003	7/25/2011	228
tan house 3rd floor room A-318-3	Environmental	ND <0.003	7/25/2011	229
tan house 2nd floor room A-205-3	Environmental	ND <0.004	7/25/2011	230
tan house 2nd floor room A-208-3	Environmental	ND <0.002	7/25/2011	231
tan house 2nd floor room A-209-3	Environmental	ND <0.002	7/25/2011	232
tan house 2nd floor room A-210-3	Environmental	ND <0.002	7/25/2011	233
tan house 2nd floor room A-211-3	Environmental	ND <0.003	7/25/2011	234
tan house 2nd floor room A-212-3	Environmental	ND <0.001	7/25/2011	235
tan house 2nd floor room A-213-3	Environmental	ND <0.001	7/25/2011	236
tan house 2nd floor room A-214-3	Environmental	ND <0.002	7/25/2011	237
tan house 2nd floor room A-218-3	Environmental	ND <0.002	7/25/2011	238
tan house 2nd floor room A-227-3	Environmental	ND <0.002	7/25/2011	239
gold house 3rd floor room A-303-2	Environmental	ND <0.002	7/25/2011	240
gold house 3rd floor room A-304-2	Environmental	ND <0.002	7/25/2011	241
gold house 3rd floor room A-306-2	Environmental	ND <0.002	7/25/2011	242
gold house 3rd floor room A-307-2	Environmental	ND <0.002	7/25/2011	243
gold house 3rd floor room A-309-2	Environmental	ND <0.003	7/25/2011	244
gold house 3rd floor room A-311-2	Environmental	ND <0.002	7/25/2011	245
gold house 3rd floor room A-312-2	Environmental	ND <0.002	7/25/2011	246
gold house 3rd floor room A-316-2	Environmental	ND <0.003	7/25/2011	247
3rd floor core room A-371	Environmental	ND <0.002	7/25/2011	248
FIELD BLANK				249
FIELD BLANK				250
tan house 1st floor room A-103-3	Environmental	ND <0.002	7/26/2011	251
tan house 1st floor room A-105-3	Environmental	ND <0.002	7/26/2011	252
tan house 1st floor room A-112-3	Environmental	ND <0.002	7/26/2011	253
tan house 1st floor room A-114-3	Environmental	ND <0.002	7/26/2011	254
tan house 1st floor room A-115-3	Environmental	ND <0.002	7/26/2011	255
tan house 1st floor room A-116-3	Environmental	ND <0.002	7/26/2011	256
tan house 1st floor room A-117-3	Environmental	ND <0.002	7/26/2011	257
3rd floor core room B-369	Environmental	ND <0.003	7/26/2011	258
3rd floor core room B-375	Environmental	ND <0.003	7/26/2011	259
tan house 2nd floor room A-228-3	Environmental	ND <0.001	7/26/2011	260
3rd floor hallway o/s room 320	Environmental	ND <0.003	7/26/2011	261
3rd floor hallway o/s entrance to gold house	Environmental	ND <0.003	7/26/2011	262
gold house 1st floor room A-103-2	Environmental	ND <0.002	7/26/2011	263
gold house 1st floor room A-105-2	Environmental	ND <0.002	7/26/2011	264
gold house 1st floor room A-110-2	Environmental	ND <0.002	7/26/2011	265
gold house 1st floor room A-113-2	Environmental	ND <0.002	7/26/2011	266
gold house 1st floor room A-114-2	Environmental	ND <0.002	7/26/2011	267
gold house 1st floor room A-116-2	Environmental	ND <0.003	7/26/2011	268
gold house 1st floor room A-117-2	Environmental	ND <0.003	7/26/2011	269
FIELD BLANK				270
FIELD BLANK				270A
3rd floor core room B-342	Environmental	0.021	7/26/2011	271
3rd floor core room B-332	Environmental	0.01	7/26/2011	272
3rd floor core room B-330	Environmental	0.005	7/26/2011	273
gold house 2nd floor room A-213-2	Environmental	ND <0.003	7/27/2011	274

Table 2
Summary of Air Monitoring Results - 2011
New Bedford High School
New Bedford, Massachusetts

Sample Location	Sample Type	Airborne Fiber Concentration (fibers/cc)	Date	Sample Number
gold house 2nd floor room A-214-2	Environmental	ND <0.003	7/27/2011	275
gold house 2nd floor room A-218-2	Environmental	ND <0.003	7/27/2011	276
gold house 2nd floor room A-204-2	Environmental	ND <0.001	7/27/2011	277
gold house 2nd floor room A-228-2	Environmental	ND <0.001	7/27/2011	278
gold house 2nd floor room A-208-2	Environmental	ND <0.001	7/27/2011	279
gold house 2nd floor room A-210-2	Environmental	ND <0.001	7/27/2011	280
gold house 2nd floor room A-211-2	Environmental	ND <0.002	7/27/2011	281
gold house 2nd floor room A-212-2	Environmental	ND <0.001	7/27/2011	282
gold house 2nd floor room A-217-2	Environmental	ND <0.001	7/27/2011	283
3rd floor core room B-343	Environmental	0.002	7/27/2011	284
3rd floor core room B-344	Environmental	0.004	7/27/2011	285
3rd floor core room B-354	Environmental	0.006	7/27/2011	286
3rd floor core room B-356	Environmental	0.005	7/27/2011	287
3rd floor core room B-309	Environmental	0.006	7/27/2011	288
FIELD BLANK				289
FIELD BLANK				290
3rd floor core room B-311	Environmental	0.007	7/28/2011	291
3rd floor core room B-312	Environmental	0.006	7/28/2011	292
3rd floor core room B-313	Environmental	0.007	7/28/2011	293
3rd floor core room B-313 (office)	Environmental	0.002	7/28/2011	294
3rd floor core room B-318	Environmental	0.011, NSD	7/28/2011	295
3rd floor core room B-320	Environmental	0.006	7/28/2011	296
3rd floor hallway @ room 371	Environmental	ND <0.001	7/28/2011	297
3rd floor hallway @ room 363	Environmental	0.002	7/28/2011	298
2nd floor core room B-287	Environmental	0.004	7/28/2011	299
2nd floor core room B-288	Environmental	0.002	7/28/2011	300
2nd floor core room B-285	Environmental	0.003	7/28/2011	301
2nd floor core room B-284	Environmental	ND <0.002	7/28/2011	302
2nd floor core room 293	Environmental	0.005	7/28/2011	303
2nd floor core room 272	Environmental	ND <0.002	7/28/2011	304
FIELD BLANK				305
FIELD BLANK				306
2nd floor core room B-274	Environmental	ND <0.002	7/29/2011	307
2nd floor core room B-275	Environmental	0.002	7/29/2011	308
2nd floor core room B-284	Environmental	0.002	7/29/2011	309
2nd floor core room hallway o/s rooms B-280/281	Environmental	ND <0.0007	7/29/2011	310
2nd floor core room B-292	Environmental	0.002	7/29/2011	311
2nd floor core room hallway o/s room B-292	Environmental	ND <0.0008	7/29/2011	312
2nd floor core room hallway @ room 213	Environmental	0.009	7/29/2011	313
2nd floor hallway @ room 240	Environmental	0.008	7/29/2011	314
2nd floor hallway @ room 292	Environmental	0.011	7/29/2011	315
FIELD BLANK				316
FIELD BLANK				317
2nd floor outer core room B-240	Environmental	0.002	8/1/2011	318
2nd floor outer core room B-242	Environmental	0.006	8/1/2011	319
2nd floor outer core hallway to green house	Environmental	0.005	8/1/2011	320
2nd floor outer core room B-230	Environmental	0.003	8/1/2011	321
2nd floor outer core room B-229	Environmental	ND <0.003	8/1/2011	322
2nd floor outer core room hallway to gold house	Environmental	0.003	8/1/2011	323
2nd floor outer core room B-254	Environmental	0.019	8/1/2011	324
2nd floor outer core room B-212	Environmental	0.003	8/1/2011	325
2nd floor outer core room B-253	Environmental	0.011	8/1/2011	326
2nd floor room B-210	Environmental	ND <0.002	8/1/2011	327
2nd floor room B-211	Environmental	ND <0.002	8/1/2011	328
2nd floor room B-267	Environmental	ND <0.002	8/1/2011	329
2nd floor room B-265	Environmental	ND <0.002	8/1/2011	330
FIELD BLANK				331
FIELD BLANK				332
2nd floor outer core room B-213	Environmental	0.004	8/2/2011	333
2nd floor outer core room B-217	Environmental	ND <0.002	8/2/2011	334
2nd floor hallway tan house @ custodial closet	Environmental	0.008	8/2/2011	335
2nd floor blue house @ side entry B-267	Environmental	0.005	8/2/2011	336
1st floor outer core room B-115	Environmental	0.002	8/2/2011	337
1st floor outer core room B-116	Environmental	0.005	8/2/2011	338
1st floor hallway (core) @ room B-116	Environmental	0.006	8/2/2011	339
1st floor green house café (core) room B-118	Environmental	0.008	8/2/2011	340
1st floor hallway (core) @ B-154 in doorway	Environmental	0.005	8/2/2011	341
1st floor outer core room B-122	Environmental	0.007	8/2/2011	342
1st floor outer core room 127 gold house café	Environmental	0.008	8/2/2011	343
1st floor outer core room B-129	Environmental	ND <0.003	8/2/2011	344
FIELD BLANK				345
FIELD BLANK				346
1st floor outer core tan house café room B-131	Environmental	0.009	8/3/2011	347
1st floor core hallway @ tan house entry	Environmental	0.008	8/3/2011	348
1st floor outer core room B-135 dishwashing	Environmental	0.009	8/3/2011	349
3rd floor outer core room B-318 (resample)	Environmental	ND <0.002	8/3/2011	350
3rd floor outer core room B-332 (resample)	Environmental	ND <0.002	8/3/2011	351
1st floor inner core room B-154 kitchen	Environmental	0.003	8/3/2011	352
1st floor inner core room B-155	Environmental	0.004	8/3/2011	353
1st floor inner core room B-154 kitchen	Environmental	ND <0.003	8/3/2011	354
FIELD BLANK				355
FIELD BLANK				356
1st floor hallway o/s dining com.3	Environmental	0.003	8/4/2011	357
1st floor o/s room B-147 in hallway	Environmental	0.005	8/4/2011	358
1st floor Room B-107	Environmental	0.026	8/4/2011	359
1st floor hallway o/s room B-109	Environmental	0.003	8/4/2011	360
1st floor room B-150 storage	Environmental	0.006	8/4/2011	361
1st floor inner core room B-147 car wash	Environmental	0.005	8/4/2011	362
1st floor inner core room B-148 kitchen help dining	Environmental	ND <0.003	8/4/2011	363
1st floor room B-107	Environmental	0.088	8/4/2011	364
1st floor o/s room B-147 in hallway inner core	Environmental	ND <0.003	8/4/2011	365

Table 2
Summary of Air Monitoring Results - 2011
New Bedford High School
New Bedford, Massachusetts

Sample Location	Sample Type	Airborne Fiber Concentration (fibers/cc)	Date	Sample Number
1st floor hallway between blue house and tan house	Environmental	ND <0.003	8/4/2011	366
1st floor hallway E-block o/s east gym	Environmental	ND <0.002	8/4/2011	367
1st floor hallway tan house	Environmental	ND <0.002	8/4/2011	368
1st floor hallway E-block o/s east gym	Environmental	ND <0.003	8/4/2011	369
1st floor hallway gold house	Environmental	0.005	8/4/2011	370
1st floor hallway between gold house and green house	Environmental	0.007	8/4/2011	371
1st floor hallway E-block o/s east gym	Environmental	ND <0.003	8/4/2011	372
1st floor hallway green house	Environmental	ND <0.004	8/4/2011	373
FIELD BLANK				374
FIELD BLANK				375
1st floor hallway E-block @ east gym	Environmental	ND <0.002	8/5/2011	376
1st floor hallway E-block @ east gym	Environmental	ND <0.003	8/5/2011	377
gentlemens restroom across from east gym	Environmental	0.003	8/5/2011	378
1st floor core blue house hallway	Environmental	0.006	8/5/2011	379
ladies restroom across from east gym	Environmental	ND <0.002	8/5/2011	380
1st floor room B-127	Environmental	NSD	8/5/2011	381
1st floor room B-131	Environmental	NSD	8/5/2011	382
1st floor room B-107 (re-sample)	Environmental	NSD	8/5/2011	383
1st floor receiving office hall B-112	Environmental	ND <0.003	8/5/2011	384
1st floor receiving office room B-110	Environmental	0.005	8/5/2011	385
FIELD BLANK				386
FIELD BLANK				387
1st floor E block room B-118	Environmental	0.002	8/5/2011	388
1st floor E block boys locker room	Environmental	ND <0.002	8/5/2011	389
1st floor E block instructors office (boys locker room)	Environmental	ND <0.002	8/5/2011	390
2nd floor room C-208	Environmental	0.003	8/5/2011	391
2nd floor room C-207	Environmental	ND <0.002	8/5/2011	392
2nd floor room C-210	Environmental	ND <0.002	8/5/2011	393
2nd floor room C-216	Environmental	0.006	8/5/2011	394
2nd floor hallway C-block	Environmental	0.009	8/5/2011	395
FIELD BLANK				396
FIELD BLANK				397
weight room @ back of boys locker room (E-block)	Environmental	ND <0.002	8/8/2011	398
1st floor room E-113 in west gym	Environmental	ND <0.002	8/8/2011	399
1st floor room E-116 in west gym	Environmental	ND <0.002	8/8/2011	400
1st/2nd floor hallway to E block (ramp)	Environmental	0.002	8/8/2011	401
2nd floor room E-205 girls locker room	Environmental	0.003	8/8/2011	402
2nd floor room E-205 girls locker room	Environmental	0.005	8/8/2011	403
FIELD BLANK				404
FIELD BLANK				405
girls pool locker room	Environmental	ND <0.001	8/9/2011	406
boys pool locker room	Environmental	0.002	8/9/2011	407
main lobby	Environmental	0.001	8/9/2011	408
D-block hallway outside band room	Environmental	ND <0.002	8/9/2011	409
pool mezzanine	Environmental	ND <0.002	8/9/2011	410
2nd outer core room B-254 (re-sample)	Environmental	ND <0.002	8/9/2011	411
2nd core outer core room B-253 (re-sample)	Environmental	ND <0.002	8/9/2011	412
D-block room 225	Environmental	ND <0.002	8/9/2011	413
D-block hallway @ room 225	Environmental	0.001	8/9/2011	414
D-block womens room next to 225	Environmental	ND <0.001	8/9/2011	415
D-block 2nd floor lobby o/s room D-255	Environmental	ND <0.002	8/9/2011	416
D-block 2nd floor hallway @ room 255	Environmental	0.003	8/9/2011	417
2nd floor core hallway o/s room B-292 (re-sample)	Environmental	ND <0.002	8/9/2011	418
FIELD BLANK				419
FIELD BLANK				420
D-block 2nd floor room D-216	Environmental	0.009	8/10/2011	421
D-block 2nd floor room D-218	Environmental	0.003	8/10/2011	422
D-block 2nd floor room D-219	Environmental	0.004	8/10/2011	423
D-block 2nd floor room D-224	Environmental	0.004	8/10/2011	424
D-block 2nd floor hallway o/s room D-237	Environmental	0.003	8/10/2011	425
D-block 2nd floor room D-235	Environmental	0.001	8/10/2011	426
D block 2nd floor room D-220	Environmental	ND <0.002	8/10/2011	427
D-block 2nd floor stairwell next to room D-222	Environmental	0.016	8/10/2011	428
D-block 2nd floor hallway o/s room D-215	Environmental	ND <0.002	8/10/2011	429
FIELD BLANK				430
FIELD BLANK				431
D-block 2nd floor stairwell o/s room D-245	Environmental	0.007	8/10/2011	432
D-block 2nd floor room D-205	Environmental	0.002	8/10/2011	433
D-block 2nd floor auditorium lobby	Environmental	0.002	8/10/2011	434
D-block 2nd floor hallway o/s room D-208	Environmental	0.002	8/10/2011	435
D-block 2nd floor auditorium lobby	Environmental	ND <0.002	8/10/2011	436
Lobby @ main offices	Environmental	0.004	8/11/2011	437
D-block room 230 back area	Environmental	ND <0.002	8/11/2011	438
D-block 2nd floor stairwell o/s room D-222 (re-sample)	Environmental	ND <0.003	8/11/2011	439
room next to ticket offices (main office side)	Environmental	ND <0.002	8/11/2011	440
auditorium mezzanine room @ north end	Environmental	0.006	8/11/2011	441
ticket office	Environmental	0.006	8/11/2011	442
library	Environmental	ND <0.001	8/11/2011	443
D-block 1swt floor hallway @ room D-108	Environmental	0.007	8/11/2011	444
D-block 1st floor hallway @ room D-112	Environmental	ND <0.002	8/11/2011	445
D-block hallway 1st floor @ room D-132	Environmental	0.008	8/11/2011	446
FIELD BLANK				447
FIELD BLANK				448
D-block room D-108	Environmental	ND <0.002	8/12/2011	449
D-block room D-124	Environmental	ND <0.002	8/12/2011	450
D-block room D-120	Environmental	0.002	8/12/2011	451
boiler room center office	Environmental	ND <0.001	8/12/2011	452
D-block room D-112	Environmental	ND <0.002	8/12/2011	453
D-block room D-121	Environmental	0.003	8/12/2011	454
D-block room D-132	Environmental	ND <0.002	8/12/2011	455
D-block room D-122	Environmental	ND <0.002	8/12/2011	456

Table 2
Summary of Air Monitoring Results - 2011
New Bedford High School
New Bedford, Massachusetts

Sample Location	Sample Type	Airborne Fiber Concentration (fibers/cc)	Date	Sample Number
D-block firing (D-143) range	Environmental	ND <0.001	8/12/2011	457
D-block room D-136	Environmental	0.002	8/12/2011	458
D-block room D-137	Environmental	ND <0.001	8/12/2011	459
FIELD BLANK				460
FIELD BLANK				461
blue house stairwell A-205-4	Environmental	0.004	8/15/2011	462
blue house stairwell A-202-4	Environmental	ND <0.002	8/15/2011	463
tan house stairwell @ room 209 end	Environmental	ND <0.003	8/15/2011	464
tan house stairwell @ room 217 end	Environmental	ND <0.003	8/15/2011	465
gold house stairwell @ room 210-2	Environmental	ND <0.003	8/15/2011	466
gold house stairwell @ room 214-2	Environmental	ND <0.002	8/15/2011	467
green house stairwell @ room 308-1	Environmental	ND <0.002	8/15/2011	468
green house stairwell @ room 2	Environmental	ND <0.002	8/15/2011	469
FIELD BLANK				470
FIELD BLANK				471
mural stairwell	Environmental	ND <0.003	8/26/2011	472
3rd floor core between blue/tan houses	Environmental	0.003	8/26/2011	473
3rd floor inner core room 371	Environmental	ND <0.003	8/26/2011	474
FIELD BLANK				475
FIELD BLANK				476

Notes:
o/s - outside
i/s - inside
BZA - breathing zone air
ND - not detected above the threshold of 5.5 total fibers / 100 fields
- " < " numerical value is based on fiber count over volume air collected
NSD - no asbestos structures detected via TEM analysis

Table 3
Summary of Analytical Results for Concrete and Paint Samples - 2011
New Bedford High School
New Bedford, Massachusetts

Analysis	Analyte	Sample ID:	A-211-CON-1	A-211-CON-2	A-211-CON-3	A-213-CON-1		A-213-CON-2	A-213-CON-3	B-230 COL	B-230-CON-1	B-230 CON-2	PAINT-211-1	PAINT-211-2	PAINT-211-3
		Sample Depth (inch.):	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	Paint	Paint	Paint
		Sample Date:	7/26/2011	7/26/2011	7/26/2011	7/26/2011	7/26/2011	7/26/2011	7/26/2011	7/26/2011	7/26/2011	7/26/2011	8/4/2011	8/4/2011	8/4/2011
		TSCA	Concrete	Concrete	Concrete	Concrete	Field Dup	Concrete	Concrete	Concrete	Concrete	Concrete			
PCBs															
(mg/kg)	Aroclor 1016	NA	0.0970 U	0.0985 U	0.0997 U	0.0978 U	0.0998 U	0.0993 U	0.0999 U	0.0986 U	0.0997 U	0.100 U	0.126 U	0.148 U	0.138 U
	Aroclor 1221	NA	0.0970 U	0.0985 U	0.0997 U	0.0978 U	0.0998 U	0.0993 U	0.0999 U	0.0986 U	0.0997 U	0.100 U	0.126 U	0.148 U	0.138 U
	Aroclor 1232	NA	0.0970 U	0.0985 U	0.0997 U	0.0978 U	0.0998 U	0.0993 U	0.0999 U	0.0986 U	0.0997 U	0.100 U	0.126 U	0.148 U	0.138 U
	Aroclor 1242	NA	0.0970 U	0.0985 U	0.0997 U	0.0978 U	0.0998 U	0.0993 U	0.0999 U	0.0986 U	0.0997 U	0.100 U	0.126 U	0.148 U	0.138 U
	Aroclor 1248	NA	0.0970 U	0.0985 U	**0.147**	0.0978 U	0.0998 U	0.0993 U	0.0999 U	**0.114**	**0.257**	**0.187**	**1.71 J**	**1.26 J**	**1.48 J**
	Aroclor 1254	NA	0.0970 U	0.0985 U	0.0997 U	0.0978 U	0.0998 U	0.0993 U	0.0999 U	0.0986 U	0.0997 U	0.100 U	0.126 U	0.148 U	**0.536 J**
	Aroclor 1260	NA	0.0970 U	0.0985 U	0.0997 U	0.0978 U	0.0998 U	0.0993 U	0.0999 U	0.0986 U	0.0997 U	0.100 U	0.126 U	0.148 U	0.138 U
	Total PCBs	< 1	0.0970 U	0.0985 U	**0.147**	0.0978 U	0.0998 U	0.0993 U	0.0999 U	**0.114**	**0.257**	**0.187**	**1.71 J**	**1.26 J**	**2.016 J**

Notes:

mg/kg - milligrams per kilogram (dry weight) or parts per million (ppm).

J - Estimated value.

U - Compound was not detected at specified quantitation limit.

Values in **Bold** indicate the compound was detected.

Values in **Bold** and boxed type exceed TSCA.

PCBs - Polychlorinated Biphenyls.

RC - Reportable Concentration.

TSCA - Toxic Substances Control Act criteria.

Table 3
Summary of Analytical Results for Concrete and Paint Samples - 2011
New Bedford High School
New Bedford, Massachusetts

Analysis	Analyte	Sample ID:	PAINT-213-1		PAINT-213-2	PAINT-213-3	PAINT-230-1	PAINT-230-2	PAINT-230-3	PRIME-211	PRIME-213	PRIME-230
		Sample Depth (inch.):	Paint	Paint	Paint	Paint	Paint	Paint	Paint	Paint	Paint	Paint
		Sample Date:	8/4/2011	8/4/2011	8/4/2011	8/4/2011	8/4/2011	8/4/2011	8/4/2011	8/4/2011	8/4/2011	8/4/2011
		TSCA		Field Dup								
PCBs												
(mg/kg)	Aroclor 1016	NA	0.125 U	0.139 U	0.171 U	0.148 U	0.319 U	0.527 U	0.335 U	0.315 U	0.135 U	0.249 U
	Aroclor 1221	NA	0.125 U	0.139 U	0.171 U	0.148 U	0.319 U	0.527 U	0.335 U	0.315 U	0.135 U	0.249 U
	Aroclor 1232	NA	0.125 U	0.139 U	0.171 U	0.148 U	0.319 U	0.527 U	0.335 U	0.315 U	0.135 U	0.249 U
	Aroclor 1242	NA	0.125 U	0.139 U	0.171 U	0.148 U	0.319 U	0.527 U	0.335 U	0.315 U	0.135 U	0.249 U
	Aroclor 1248	NA	**0.548 J**	**0.381 J**	**0.368 J**	**0.330 J**	**5.70 J**	**7.19 J**	**5.97 J**	**5.11 J**	**0.908 J**	**3.44 J**
	Aroclor 1254	NA	**0.239 J**	**0.141 J**	0.171 U	0.148 U	0.319 U	0.527 U	0.335 U	0.315 U	**0.938 J**	0.249 U
	Aroclor 1260	NA	0.125 U	0.139 U	0.171 U	0.148 U	0.319 U	0.527 U	0.335 U	**2.52 J**	**0.351 J**	0.249 U
	Total PCBs	< 1	**0.787 J**	**0.522 J**	**0.368 J**	**0.330 J**	**5.70 J**	**7.19 J**	**5.97 J**	**7.63 J**	**2.197 J**	**3.44 J**

Notes:

mg/kg - milligrams per kilogram (dry weight) or parts per million (

J - Estimated value.

U - Compound was not detected at specified quantitation limit.

Values in **Bold** indicate the compound was detected.

Values in **Bold** and boxed type exceed TSCA.

PCBs - Polychlorinated Biphenyls.

RC - Reportable Concentration.

TSCA - Toxic Substances Control Act criteria.

Table 4
Summary of Analytical Results for Plywood Samples - June 2011
New Bedford High School
New Bedford, Massachusetts

Analysis	Analyte	Sample ID:	PLY-WIPE-101	PLY-BULK-138	PLY-WIPE-102	PLY-BULK-139	PLY-WIPE-103	PLY-BULK-140	PLY-WIPE-104	PLY-BULK-141	PLY-WIPE-105	PLY-BULK-142	PLY-WIPE-106	PLY-BULK-143	PLY-WIPE-107	PLY-BULK-144	PLY-WIPE-108	PLY-BULK-145	PLY-WIPE-109	PLY-BULK-146	PLY-WIPE-110	PLY-BULK-147
		Sample Description:	Plywood Wipe	Plywood Core	Plywood Wipe	Plywood Core	Plywood Wipe	Plywood Core	Plywood Wipe	Plywood Core	Plywood Wipe	Plywood Core	Plywood Wipe	Plywood Core	Plywood Wipe	Plywood Core	Plywood Wipe	Plywood Core	Plywood Wipe	Plywood Core	Plywood Wipe	Plywood Core
		Sample Date:	6/30/2011	6/30/2011	6/30/2011	6/30/2011	6/30/2011	6/30/2011	6/30/2011	6/30/2011	6/30/2011	6/30/2011	6/30/2011	6/30/2011	6/30/2011	6/30/2011	6/30/2011	6/30/2011	6/30/2011	6/30/2011	6/30/2011	6/30/2011
		TSCA																				
PCBs																						
(ug/Wipe)	Aroclor 1016	NA	0.500 U	0.136 U	0.100 U	0.110 U	0.500 U	0.0993 U	0.500 U	0.103 U	0.500 U	0.102 U	0.100 U	0.0979 U	0.500 U	0.102 U	0.100 U	0.104 U	0.500 U	0.0999 U	0.100 U	0.115 U
	Aroclor 1221	NA	0.500 U	0.136 U	0.100 U	0.110 U	0.500 U	0.0993 U	0.500 U	0.103 U	0.500 U	0.102 U	0.100 U	0.0979 U	0.500 U	0.102 U	0.100 U	0.104 U	0.500 U	0.0999 U	0.100 U	0.115 U
	Aroclor 1232	NA	0.500 U	0.136 U	0.100 U	0.110 U	0.500 U	0.0993 U	0.500 U	0.103 U	0.500 U	0.102 U	0.100 U	0.0979 U	0.500 U	0.102 U	0.100 U	0.104 U	0.500 U	0.0999 U	0.100 U	0.115 U
	Aroclor 1242	NA	0.500 U	0.136 U	0.100 U	0.110 U	0.500 U	0.0993 U	0.500 U	0.103 U	0.500 U	0.102 U	0.100 U	0.0979 U	0.500 U	0.102 U	0.100 U	0.104 U	0.500 U	0.0999 U	0.100 U	0.115 U
	Aroclor 1248	NA	0.500 U	0.136 U	0.100 U	0.110 U	0.500 U	0.0993 U	0.500 U	0.103 U	0.500 U	0.102 U	0.100 U	0.0979 U	0.500 U	0.102 U	0.100 U	0.104 U	0.500 U	0.0999 U	0.100 U	0.115 U
	Aroclor 1254	NA	0.500 U	0.136 U	0.100 U	0.110 U	0.500 U	0.0993 U	0.500 U	0.103 U	0.500 U	0.102 U	0.100 U	0.0979 U	0.500 U	0.102 U	0.100 U	0.104 U	0.500 U	0.0999 U	0.100 U	0.115 U
	Aroclor 1260	NA	0.500 U	0.136 U	0.100 U	0.110 U	0.500 U	0.0993 U	0.500 U	0.103 U	0.500 U	0.102 U	0.100 U	0.0979 U	0.500 U	0.102 U	0.100 U	0.104 U	0.500 U	0.0999 U	0.100 U	0.115 U
	Aroclor 1262	NA	0.500 U	NA	0.100 U	NA	0.500 U	NA	0.500 U	NA	0.500 U	NA	0.100 U	NA	0.500 U	NA	0.100 U	NA	0.500 U	NA	0.100 U	NA
	Aroclor 1268	NA	0.500 U	NA	0.100 U	NA	0.500 U	NA	0.500 U	NA	0.500 U	NA	0.100 U	NA	0.500 U	NA	0.100 U	NA	0.500 U	NA	0.100 U	NA
	Total PCBs	< 1	0.500 U	0.136 U	0.100 U	0.110 U	0.500 U	0.0993 U	0.500 U	0.103 U	0.500 U	0.102 U	0.100 U	0.0979 U	0.500 U	0.102 U	0.100 U	0.104 U	0.500 U	0.0999 U	0.100 U	0.115 U

Notes:

ug/Wipe - micrograms per wipe.

U - Compound not detected at specified quantitation limit.

PCBs - Polychlorinated Biphenyls.

NA - Aroclor not analyzed

Table 4
Summary of Analytical Results for Plywood Samples - June 2011
New Bedford High School
New Bedford, Massachusetts

Analysis	Analyte	Sample ID:	PLY-WIPE-111	PLY-BULK-148	PLY-WIPE-112	PLY-WIPE-113	PLY-WIPE-114	PLY-WIPE-115	PLY-WIPE-116	PLY-WIPE-117	PLY-WIPE-118	PLY-WIPE-119	PLY-WIPE-120	PLY-WIPE-121	PLY-WIPE-122	PLY-WIPE-123	PLY-WIPE-124	PLY-WIPE-125	PLY-WIPE-126	PLY-WIPE-127	PLY-WIPE-128	PLY-WIPE-129
		Sample Description:	Plywood Wipe	Plywood Core	Plywood Wipe	Plywood Wipe	Plywood Wipe	Plywood Wipe		Plywood Wipe	Plywood Wipe	Plywood Wipe	Plywood Wipe	Plywood Wipe	Plywood Wipe	Plywood Wipe	Plywood Wipe	Plywood Wipe	Plywood Wipe		Plywood Wipe	Plywood Wipe
		Sample Date:	6/30/2011	6/30/2011	6/30/2011	6/30/2011	6/30/2011	6/30/2011		6/30/2011	6/30/2011	6/30/2011	6/30/2011	6/30/2011	6/30/2011	6/30/2011	6/30/2011	6/30/2011	6/30/2011		6/30/2011	6/30/2011
		TSCA						Field Duplicate											Field Duplicate			
PCBs																						
(ug/Wipe)	Aroclor 1016	NA	0.500 U	0.0962 U	0.500 U	0.500 U	0.100 U	0.500 U	0.500 U	0.100 U	0.500 U	0.500 U	0.500 U	0.100 U	0.100 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.100 U
	Aroclor 1221	NA	0.500 U	0.0962 U	0.500 U	0.500 U	0.100 U	0.500 U	0.500 U	0.100 U	0.500 U	0.500 U	0.500 U	0.100 U	0.100 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.100 U
	Aroclor 1232	NA	0.500 U	0.0962 U	0.500 U	0.500 U	0.100 U	0.500 U	0.500 U	0.100 U	0.500 U	0.500 U	0.500 U	0.100 U	0.100 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.100 U
	Aroclor 1242	NA	0.500 U	0.0962 U	0.500 U	0.500 U	0.100 U	0.500 U	0.500 U	0.100 U	0.500 U	0.500 U	0.500 U	0.100 U	0.100 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.100 U
	Aroclor 1248	NA	0.500 U	0.0962 U	0.500 U	0.500 U	0.100 U	0.500 U	0.500 U	0.100 U	0.500 U	0.500 U	0.500 U	0.100 U	0.100 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.100 U
	Aroclor 1254	NA	0.500 U	0.0962 U	0.500 U	0.500 U	0.100 U	0.500 U	0.500 U	0.100 U	0.500 U	0.500 U	0.500 U	0.100 U	0.100 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.100 U
	Aroclor 1260	NA	0.500 U	0.0962 U	0.500 U	0.500 U	0.100 U	0.500 U	0.500 U	0.100 U	0.500 U	0.500 U	0.500 U	0.100 U	0.100 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.100 U
	Aroclor 1262	NA	0.500 U	NA	0.500 U	0.500 U	0.100 U	0.500 U	0.500 U	0.100 U	0.500 U	0.500 U	0.500 U	0.100 U	0.100 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.100 U
	Aroclor 1268	NA	0.500 U	NA	0.500 U	0.500 U	0.100 U	0.500 U	0.500 U	0.100 U	0.500 U	0.500 U	0.500 U	0.100 U	0.100 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.100 U
	Total PCBs	< 1	0.500 U	0.0962 U	0.500 U	0.500 U	0.100 U	0.500 U	0.500 U	0.100 U	0.500 U	0.500 U	0.500 U	0.100 U	0.100 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.100 U

Notes:

ug/Wipe - micrograms per wipe.

U - Compound not detected at specified quantitation limit.

PCBs - Polychlorinated Biphenyls.

NA - Aroclor not analyzed

Table 4
Summary of Analytical Results for Plywood Samples - June 2011
New Bedford High School
New Bedford, Massachusetts

Analysis	Analyte	Sample ID:	PLY-WIPE-130	PLY-WIPE-131	PLY-WIPE-132	PLY-WIPE-133	PLY-WIPE-134	PLY-WIPE-135	PLY-WIPE-136	PLY-WIPE-137
		Sample Description:	Plywood Wipe	Plywood Wipe	Plywood Wipe	Plywood Wipe	Plywood Wipe	Plywood Wipe		Plywood Wipe
		Sample Date:	6/30/2011	6/30/2011	6/30/2011	6/30/2011	6/30/2011	6/30/2011		6/30/2011
		TSCA						Field Duplicate		
PCBs										
(ug/Wipe)	Aroclor 1016	NA	0.500 U	0.100 U	0.500 U	0.500 U	0.100 U	0.500 U	0.500 U	0.500 U
	Aroclor 1221	NA	0.500 U	0.100 U	0.500 U	0.500 U	0.100 U	0.500 U	0.500 U	0.500 U
	Aroclor 1232	NA	0.500 U	0.100 U	0.500 U	0.500 U	0.100 U	0.500 U	0.500 U	0.500 U
	Aroclor 1242	NA	0.500 U	0.100 U	0.500 U	0.500 U	0.100 U	0.500 U	0.500 U	0.500 U
	Aroclor 1248	NA	0.500 U	0.100 U	0.500 U	0.500 U	0.100 U	0.500 U	0.500 U	0.500 U
	Aroclor 1254	NA	0.500 U	0.100 U	0.500 U	0.500 U	0.100 U	0.500 U	0.500 U	0.500 U
	Aroclor 1260	NA	0.500 U	0.100 U	0.500 U	0.500 U	0.100 U	0.500 U	0.500 U	0.500 U
	Aroclor 1262	NA	0.500 U	0.100 U	0.500 U	0.500 U	0.100 U	0.500 U	0.500 U	0.500 U
	Aroclor 1268	NA	0.500 U	0.100 U	0.500 U	0.500 U	0.100 U	0.500 U	0.500 U	0.500 U
	Total PCBs	< 1	0.500 U	0.100 U	0.500 U	0.500 U	0.100 U	0.500 U	0.500 U	0.500 U

Notes:

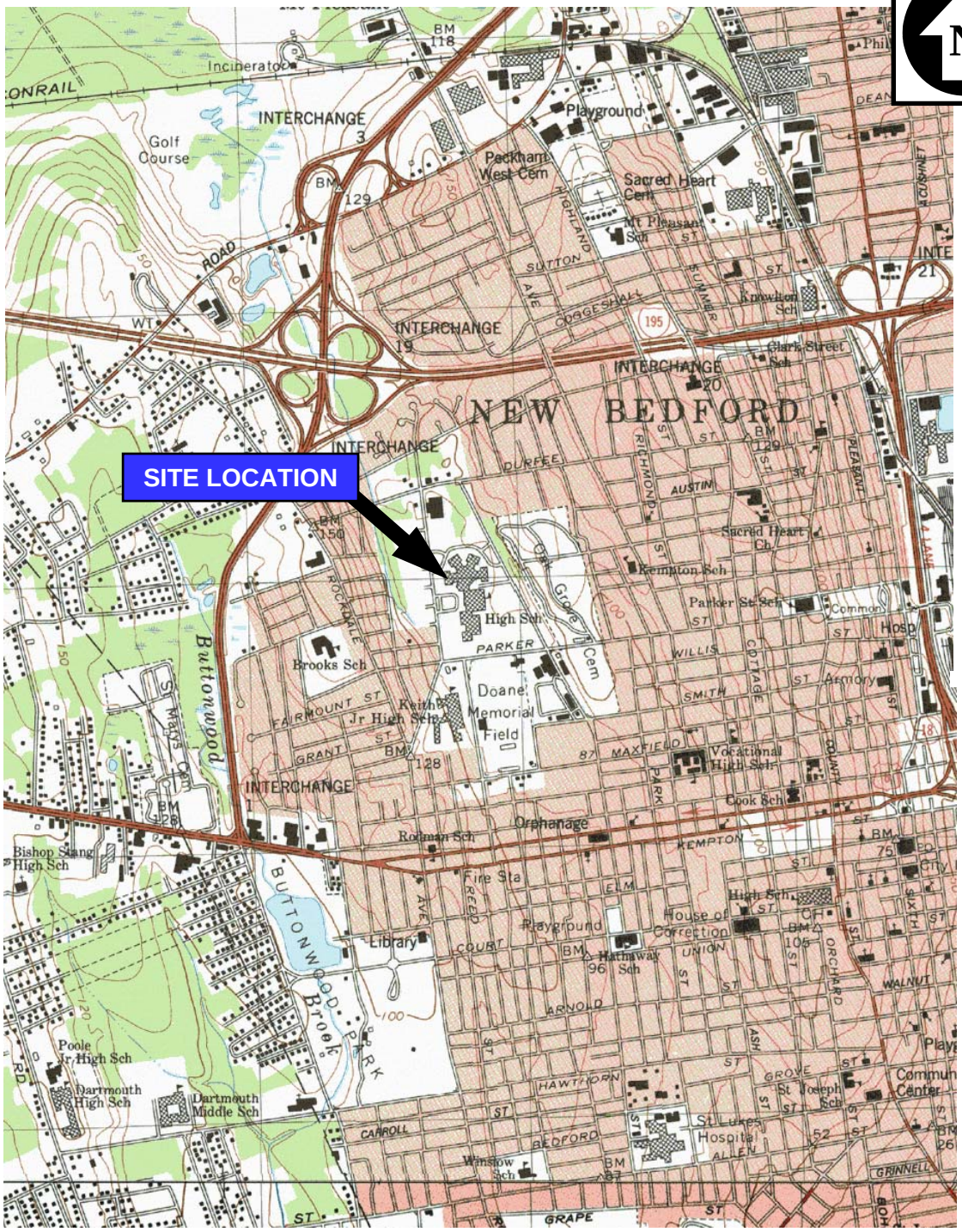
ug/Wipe - micrograms per wipe.

U - Compound not detected at specified quantitation limit.

PCBs - Polychlorinated Biphenyls.

NA - Aroclor not analyzed

FIGURES



BASE MAP IS A PORTION OF THE FOLLOWING 7.5' X 15' USGS TOPOGRAPHIC QUADRANGLES: NEW BEDFORD NORTH, MA, 1979; NEW BEDFORD SOUTH, MA 1977

0 1000 2000 3000

scale in feet

QUADRANGLE LOCATION

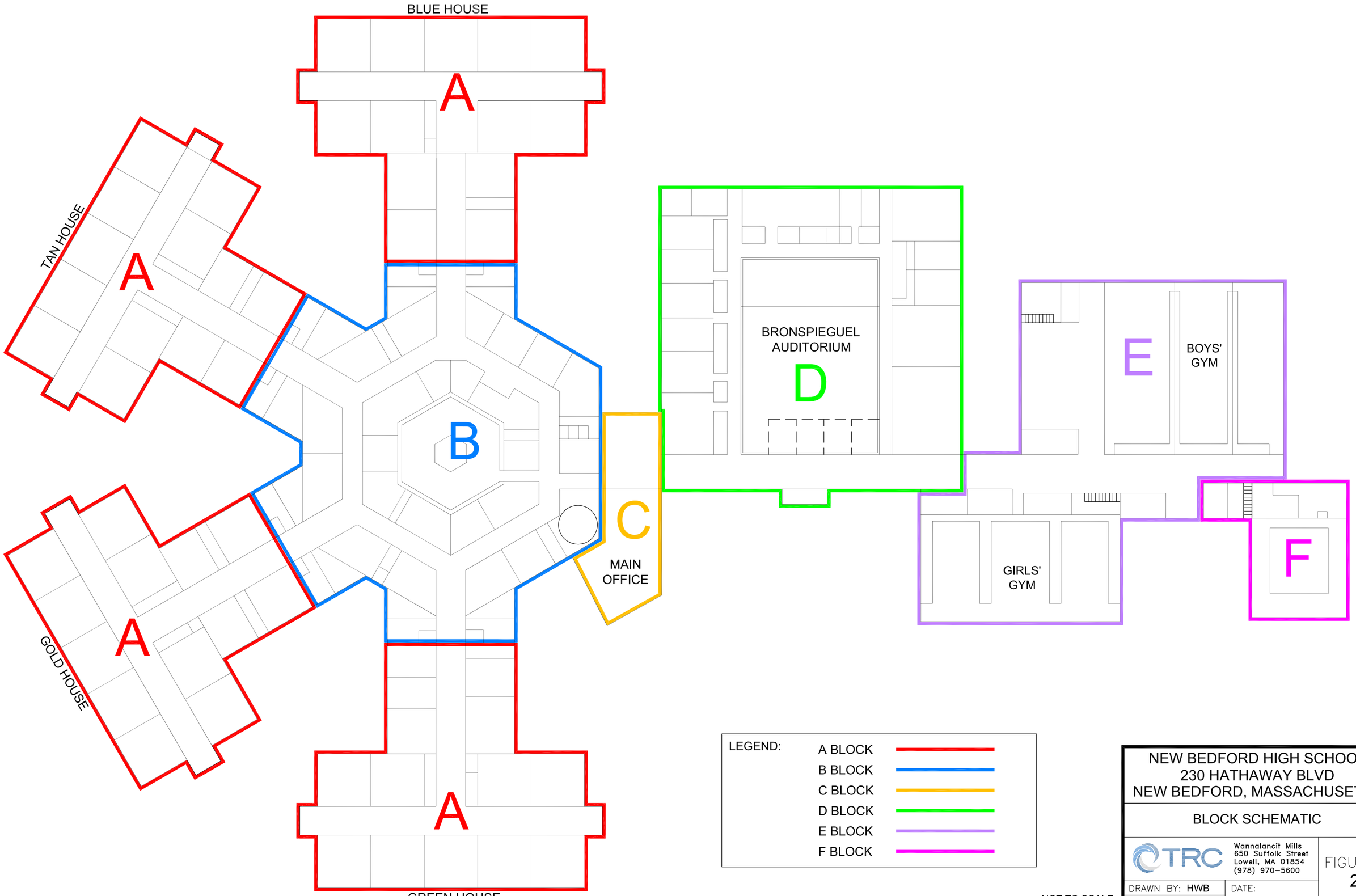
NEW BEDFORD HIGH SCHOOL
NEW BEDFORD, MASSACHUSETTS

SITE LOCATION MAP

TRC
Wannalancit Mills
650 Suffolk Street
Lowell, MA 01854
978-970-5600

Drawn: HWB	SCALE : AS SHOWN	FIGURE 1
Checked: JM	Date: DEC 2011	

T:\E_CAD\115058\NBHS\2011\TOPO NBHS – FIG 1.ppt



NOT TO SCALE

NEW BEDFORD HIGH SCHOOL
230 HATHAWAY BLVD
NEW BEDFORD, MASSACHUSETTS

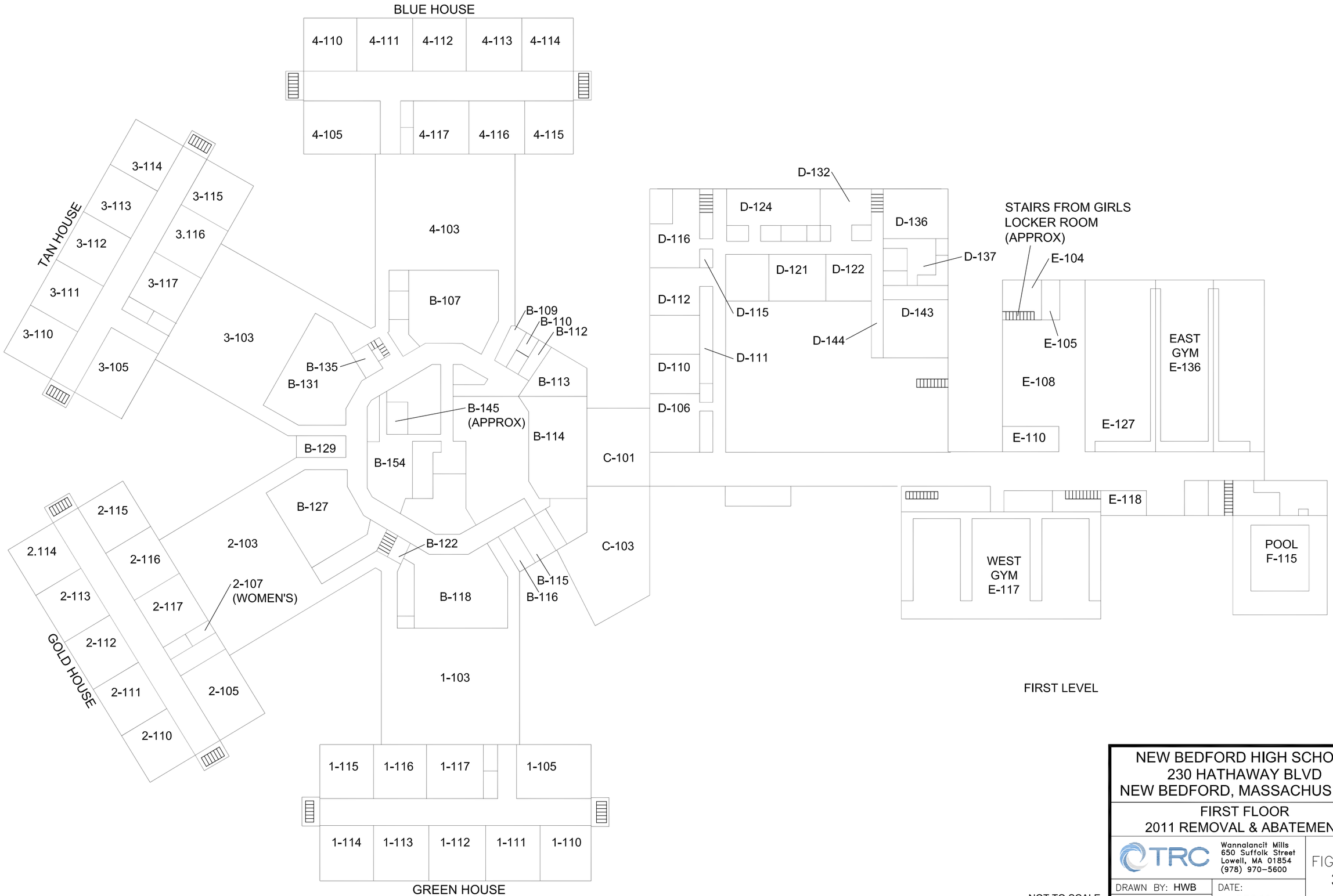
BLOCK SCHEMATIC

TRC
Wannalancit Mills
650 Suffolk Street
Lowell, MA 01854
(978) 970-5600

DRAWN BY: HWB
CHECKED BY: JCM
DATE: DEC 2011

FIGURE 2

FILE: T:\E_CAD\115058\NBHS\2011\NBHS BLOCK SCHEMATIC.dwg



NEW BEDFORD HIGH SCHOOL
230 HATHAWAY BLVD
NEW BEDFORD, MASSACHUSETTS

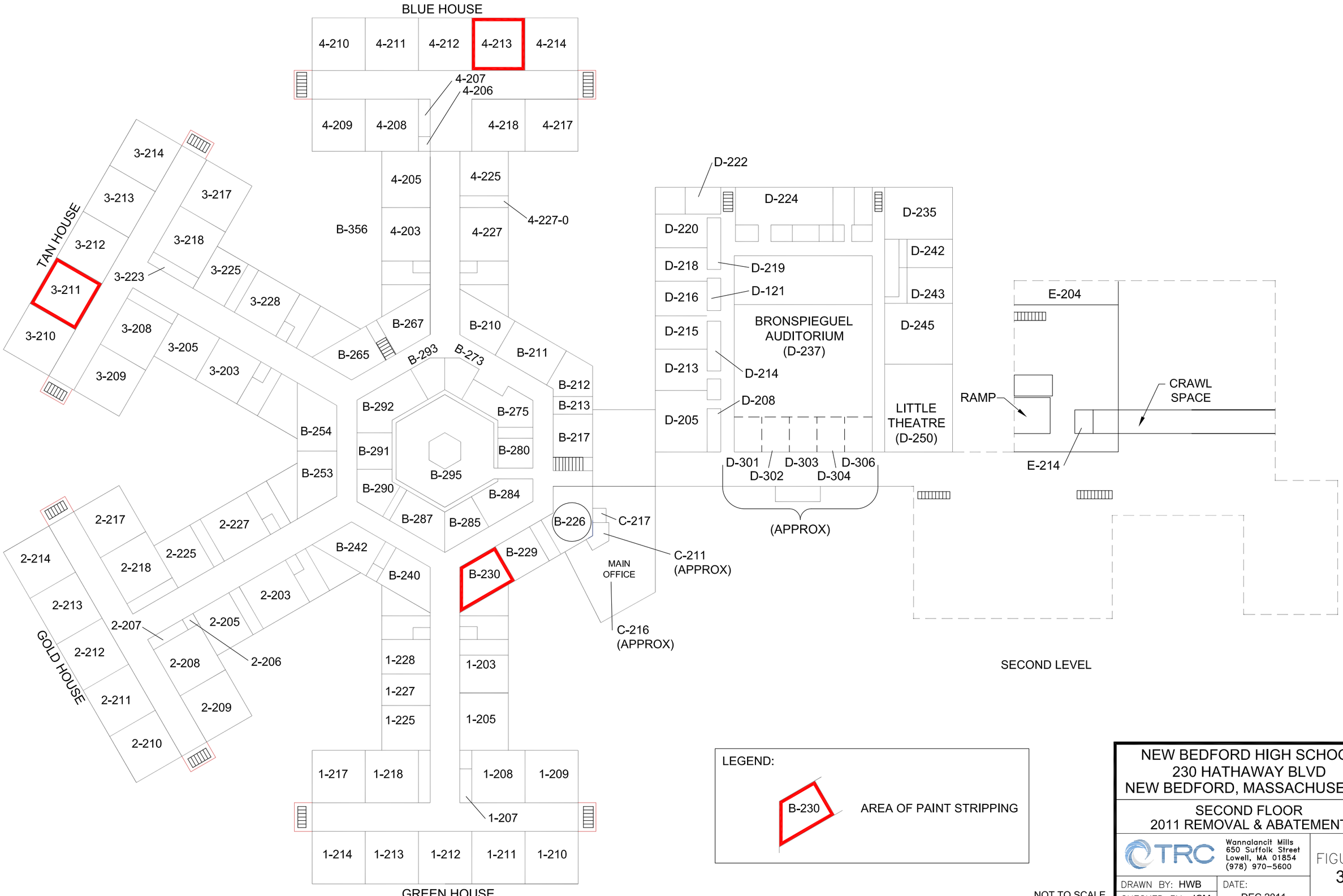
FIRST FLOOR
2011 REMOVAL & ABATEMENT

TRC
Wannalancit Mills
650 Suffolk Street
Lowell, MA 01854
(978) 970-5600

DRAWN BY: HWB
CHECKED BY: JCM
DATE: DEC 2011

FIGURE
3A

FILE: T:\E_CAD\115058\NBHS\2011\NBHS 1ST FLR 2011.dwg



NEW BEDFORD HIGH SCHOOL
230 HATHAWAY BLVD
NEW BEDFORD, MASSACHUSETTS

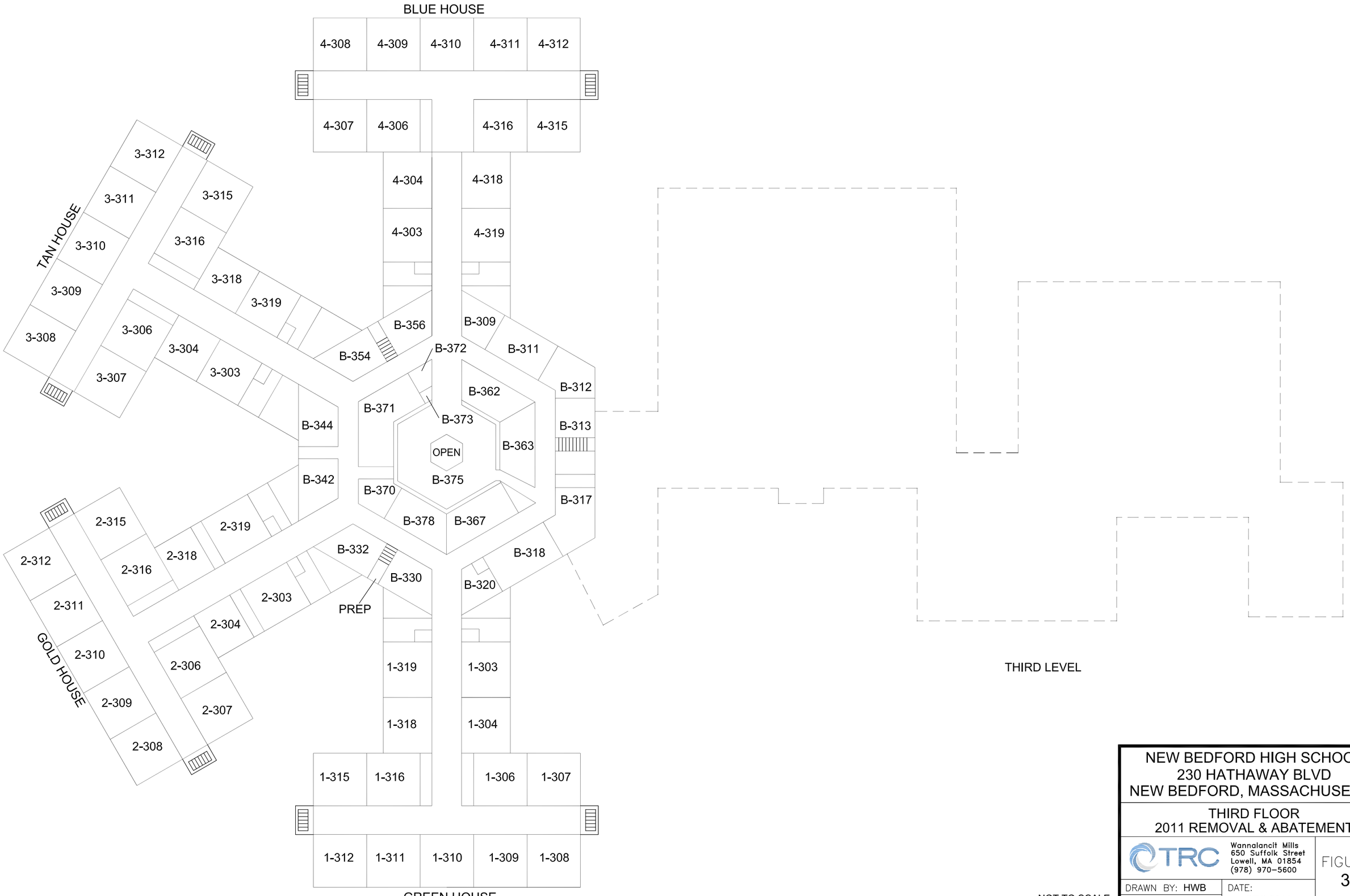
SECOND FLOOR
2011 REMOVAL & ABATEMENT

TRC
Wannalancit Mills
650 Suffolk Street
Lowell, MA 01854
(978) 970-5600

FIGURE
3B

DRAWN BY: HWB
CHECKED BY: JCM
DATE:
DEC 2011

FILE: T:\E_CAD\115058\NBHS\2011\NBHS 2ND FLR 2011.dwg



NOT TO SCALE

NEW BEDFORD HIGH SCHOOL
230 HATHAWAY BLVD
NEW BEDFORD, MASSACHUSETTS

THIRD FLOOR
2011 REMOVAL & ABATEMENT

TRC
Wannalancit Mills
650 Suffolk Street
Lowell, MA 01854
(978) 970-5600

FIGURE
3C

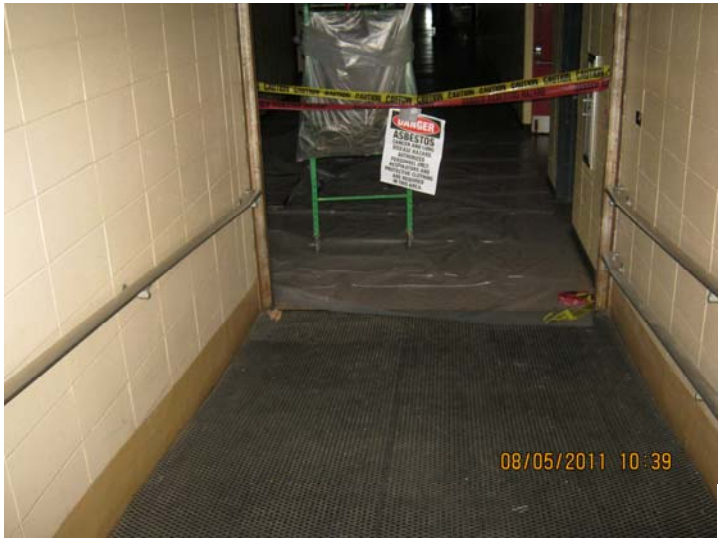
DRAWN BY: HWB
CHECKED BY: JCM
DATE: DEC 2011

FILE: T:\E_CAD\115058\NBHS\2011\NBHS 3RD FLR 2011.dwg

APPENDIX A

SITE PHOTOGRAPHS

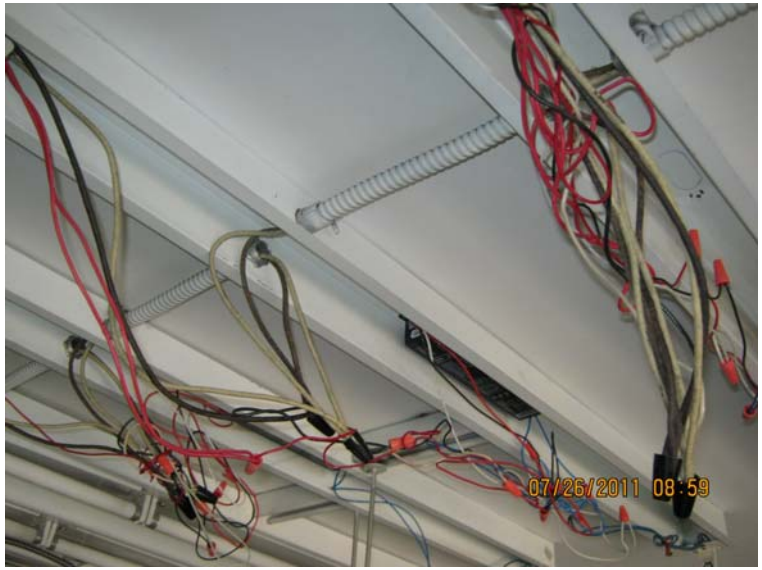
1. View of a row of Type A and Type B fixtures with lenses removed that are pre-marked for abatement.



2. View of signage posted at the entrance to E Block indicating the boundary of the current work zone.

3. View of signage posted on the locked doors of F Block indicating the presence of a work zone inside the building.

4. View of a poly curtain separating the work zone from the school's receiving area.



5. View of asbestos wiring running through rows of fixtures in the library.

6. View of an abatement worker from Triumvirate Environmental, Inc (TEI) preparing to remove a bathroom fixture.

7. View of an abatement worker from TEI disconnecting wires on a Type C fixture marked for removal.

8. View of an electrical whip housing asbestos wiring before an abatement worker disconnects the wiring from the junction box.

9. View of a junction box above the drop ceiling after an abatement worker disconnected and removed an electrical whip containing asbestos wiring.

10. View of asbestos monitoring in progress during abatement activities at the school.

11. View of abatement workers cleaning a work zone with a HEPA vacuum after completing abatement in C Block.

12. View of a classroom in B Block after abatement workers removed all impacted light fixtures.

13. View of an existing clean fixture with missing hanger rods.

14. View of ceiling tiles with mold tiles above where impacted light fixtures were removed in B Block.

15. View of staging erected in B-C Block stairwell for light abatement and reinstallation.

16. View of staging erected in a B Block stairwell for light abatement and reinstallation.

17. View of staging erected in a B Block stairwell for light abatement and reinstallation.

18. View of staging erected in B-C Block stairwell for light abatement and reinstallation.

19. View of a TEI abatement worker disconnecting wires in an E Block stairwell.

20. View of new fixtures staged and ready to be installed in B Block.

21. View of a worker from Fall River Electrical Associates (FREA) preparing to hang a Type C2 fixture in B Block

22. View of two workers from FREA hanging a Type C fixture in the B Block main hallway.

23. View of a new Type EC2 fixture hung in a B Block stairwell, waiting to be lamped and shaded prior to the floor being reenergized.

24. View of wiring staged in a B Block classroom prior to new fixtures being rewired.

25. View of two workers from FREA rewiring fixtures in D Block.

26. View of workers from FREA using a lift to hang fixtures in E Block.

27. View of a worker from Contractors' Network, Inc. (CNI) cleaning a classroom in B Block after all lights were installed and energized.

28. View of new Type N fixtures installed in an E Block display case.

29. View of an old auditorium seat back prior to abatement, removal, and reinstallation.

30. View of the underside of an old auditorium seat bottom prior to abatement, removal, and reinstallation.

31. View of opera lighting containing asbestos wiring connected to the side panel of an auditorium seat.

32. View of auditorium air being ventilated outside the building while metal seating frames were being freshly painted .

33. View of a worker painting metal seat frames in auditorium in preparation for newly reupholstered seat backs and bottoms to be reinstalled.

34. View of a newly reinstalled auditorium seat..

35. View of an abatement worker from TEI stripping PCB-contaminated paint in B Block.

36. View of paint stripping progress in an A Block classroom.

37. View of a concrete block after paint stripping activities were completed.

APPENDIX B

LICENSES AND TRAINING CERTIFICATIONS FOR ASBESTOS WORKERS

The New England Consortium
Health and Safety Training

The New England Consortium

(Partially supported by the National Institute of Environmental Health Sciences)

UMASS

This is to certify that

Alec Peralta

Certificate #: 33834384

has successfully completed the

(101) 40hr. Hazardous Waste Site Worker

Health & Safety Training per requirements of 29 CFR 1910.120

Training Date(s): June 13-17, 2011

Event #: 965238

CEUs:4.0 / TCH:40.0

This training was delivered in conjunction with:

Connecti COSH
Mass COSH
New Hampshire COSH
RI COSH
Western Mass COSH

To verify authenticity of this certificate, please call The New England Consortium at (978) 934-3257

Paul Morse

Paul Morse, Project Director/co-PI

David J. Coffey

David Coffey, Training Manager

TRIUMVIRATE
ENVIRONMENTAL

61 Innerbelt Road
Somerville, MA 02143

Peralta, Alec

has successfully completed the following training:

Respiratory Protection

on

06/08/2011

taught by

Grillo, Rich

Certificate Validated by:

Ashley Cole, HEM

Training Coordinator,
Triumvirate Environmental

ENVIRONMENTAL

Respirator Fit Test Record

Date: 6/8/2011

ENTERED
KLS 06.09.11

Employee:	Alee Peralta
Title:	Field tech
Job Description:	

TEI Office:

Somerville | Lowell | Westminster | Portland | Baltimore | Stafford | Astoria

Respiratory Protection Device

Air Purifying Respirator	Manufacturer/Model	North 7600SA	Size	M/L
Notes:				
SCBA	Manufacturer/Model		Size	
Notes:				
SAR	Manufacturer/Model		Size	
Notes:				
Dust Mask (N95)	Manufacturer/Model		Size	
Notes:				

Conditions which could affect respirator fit:

Clean Shaven | 1-2 day beard growth | 2+ days beard growth | Moustache | Dentures Absent

Facial Scar | Glasses | None | Other (please note in comments)

Comments:

Fit Checks

Negative Pressure: Pass | Fail | Not done

Postive Pressure: Pass | Fail | Not done

Fit Testing

Quantiative | Fit Factor:

Qualitative | Media Used: Bitrex | Isoamyl Acetate | Irritant Smoke

Pass | Fail

Acknowledgement

Employee Signature:		Date	6/8/2011
Test Conducted By:		Date	6/8/2011

ALL ONE℠ HEALTH

Surveillance Examination
Medical Release For Job Placement

Employee's Name:	Peralta, Alec
SSN:	033922909
Birth Date:	February 03, 1979
Company:	Triumvirate Environmental
Company Branch:	Somerville, MA (Headquarters)
Date of Exam:	May 31, 2011
Exam Location:	All One Health - Woburn, MA Woburn, MA

Medical Surveillance Exam: Medical Surveillance - Baseline (Local)

I have reviewed the examination of the above named individual per OSHA regulations and in my opinion,

I have not detected any medical condition which would place the employee at increased risk of health impairment from work.

DOT Exam Result: DOT Card Granted/Renewed: Yes; New Card Expires: 05/31/2013

Other Comments:
Hepatitis B #1 given at this visit

I have informed the employee of the results of the examination and any medical conditions which require further examination or treatment.

For asbestos examinations: The above employee has been informed of the health risks associated with smoking and asbestos exposure.

Berke, Jerry	David M. Roston, M.D.	06/07/2011
Authorized Physician	Signature	Date

RefID: MR-18,875.013 0

ALL ONE℠ HEALTH

Certification for Respirator Use
29 CFR 1910.134

Employee's Name:	Peralta, Alec
SSN:	033922909
Birth Date:	February 03, 1979
Company:	Triumvirate Environmental
Company Branch:	Somerville, MA (Headquarters)
Date of Exam:	May 31, 2011
Exam Location:	All One Health - Woburn, MA Woburn, MA

I have examined the above named individual and I certify that this employee is physically capable of using all types of respiratory protection.

Prescription eyeglasses/contact lenses and beards cannot be worn with all types of respirators. Any interference with a face-to-face piece seal is not acceptable; contact lenses cannot be worn with any supplied-air respirator. General safety recommendations indicate that contact lenses should not be worn in areas where there may be likelihood of chemical splashes.

David M. Roston, M.D. [signature]

Authorized Signature

06/07/2011

Date

THE ABOVE EMPLOYEE HAS BEEN NOTIFIED OF THIS DETERMINATION

RefID: RS-18,875,021.0

CLICKSAFETY®

CERTIFICATE OF COMPLETION

This acknowledges that

ALEC PERALTA

Has successfully completed

OSHA 10 Hour Construction

The course was developed by ClickSafety.
Official OSHA completion card to follow within 6 weeks

Serial Number: 5235207

Completed: 7/10/2011

INSTITUTE FOR ENVIRONMENTAL EDUCATION, INC.

16 Upton Drive Wilmington, MA 01887
PHONE (978) 658-5272

IEE

IEE

This is to certify that

Alec C Peralta

has completed the 16-hour course

Asbestos Operations & Maintenance Training

June 28-29, 2011
Course Dates

June 29, 2011
Examination Date

Course Location
Institute for Environmental Education, Inc.
16 Upton Drive
Wilmington, MA 01887

June 29, 2012
Expiration Date

11-6744-105-253481
Certificate Number

Training Director

TRIUMVIRATE
ENVIRONMENTAL

61 Innerbelt Road
Somerville, MA 02143

Alec Peralta

Has been medically evaluated and cleared to wear a respirator pursuant to OSHA Standard 1910.134

on

May 31, 2011

by

ALLOne Health Resources of Woburn, MA

Certificate Validated by:

Ashley Cole, HEM

Training Coordinator,
Triumvirate Environmental

EAGLE SAFETY CONSULTANTS
P.O. BOX 372 W. WAREHAM, MA. 02576

CERTIFICATE OF COMPLETION

THIS IS TO CERTIFY

GREG DIMACALE

Has Successfully Completed the

OSHA 40 HOUR HAZWOPER TRAINING
AND
OSHA CONFINED SPACE ENTRANT/ATTENDANT TRAINING

29 CFR 1910.120
CERTIFICATE NUMBER: 020110-0026

On This 1ST Day of February, 2010 in Braintree, Ma

RONALD J. CORREIRA
DIRECTOR OF TRAINING

TRIUMVIRATE
ENVIRONMENTAL

61 Innerbelt Road
Somerville, MA 02143

Greg Dimacale

has successfully completed the following training:

OSHA 8-Hour HAZWOPER Refresher

on

June 20, 2011

taught by

Richard Grillo

Certificate Validated by:

Ashley Cole, HEM

Training Coordinator,
Triumvirate Environmental

INSTITUTE FOR ENVIRONMENTAL EDUCATION, INC.

16 Upton Drive Wilmington, MA 01887
PHONE (978) 658-5272

IEE

IEE

This is to certify that

Gregory Dinacale

has completed the 16-hour course

Asbestos Operations & Maintenance Training

June 28-29, 2011
Course Dates

June 29, 2011
Examination Date

Course Location
Institute for Environmental Education, Inc.
16 Upton Drive
Wilmington, MA 01887

June 29, 2012
Expiration Date

11-6744-105-253479
Certificate Number

Training Director

QUALISYS
EMPLOYMENT SCREENING

600 TownPark Lane, NW, Suite 350
Kennesaw, GA 30144
Phone: 800-874-4676
Fax: 770-250-3885

Applicant/Employee: Dimacale, Gregory

Exam Date: 06/02/2010

Company: Aerotek, Inc.
7301 Parkway Drive
Hanover MD 21076

Location: Environmental 089

MEDICAL SURVEILLANCE CERTIFICATION

The above applicant/employee has completed the medical examination listed below with the following results and clearances. This examination has been reviewed by Qualisys for completeness and quality.

Examination Type: Baseline Environ. Exam

FITNESS FOR DUTY:

[X] **No Significant Medical Impairments Noted By The Medical Examiner. May Be Assigned Duties Consistent With Skills And Training.**

[ ] **Significant Medical Impairments Noted By The Medical Examiner. Clearances May Be Given Or Added When Further Information Is Received.**

Please Note: The findings upon which the employee/applicant's medical clearance(s) were denied are explained on Page 2 of this report. Before instituting work restrictions based on these findings, you may wish to consider any accommodations that may be applicable. If further evaluation or testing is requested by the medical examiner, appropriate clearances will be issued after the requested information is received by the medical examiner. Any attached medical information should be treated as Confidential Medical Information in accordance with Section 102C of the Americans with Disabilities Act.

RESPIRATORS (29 CFR 1910.134)

[X] **Negative Pressure (NPR)**

[X] **Self-Contained (SCBA)**

[X] **Supplied or Powered Air (SAPR/PAPR)**

OSHA (29 CFR)

[X] **Hazardous Waste (1910.120)**

***This medical clearance is valid only for the Exposure Hazards noted on the Worksite Assessment Questionnaire dated 5/25/2010 associated with the worksite firm: Triumvirate Environmental.**

Medical Clearance Expires On 6/2/2012.

Review Date: 06/16/2010

Reviewer: _____
Michael Suls, D.O., M.P.H.

QUALISYS
EMPLOYMENT SCREENING

600 TownPark Lane, NW, Suite 350
Kennesaw, GA 30144
Phone: 800-874-4676
Fax: 770-250-3885

Applicant/Employee: Dimacale, Gregory

Exam Date: 06/02/2010

Company: Aerotek, Inc.
7301 Parkway Drive
Hanover MD 21076

Location: Environmental 089

PHYSICIAN'S CONFIDENTIAL HEALTH EVALUATION

1. Specific findings or diagnoses related to this applicant/employee's Fitness For Duty evaluation:

Current audiogram is abnormal. See "Individual Hearing Evaluation Letter" for further details.

The employee's spirometry (pulmonary function test) was normal.

No evidence of a tetanus booster given in 10 years.

2. Conditions that may affect this worker's ability to use Personal Protection Equipment:

3. Additional testing/screening procedures to be submitted to Qualisys before consideration can be given to this applicant/employee's Medical Surveillance Certification:

4. Conditions that could put the applicant/employee at unusual risk due to potential substance exposure, environmental conditions, or strenuous work activities:

Employee has hearing loss.

Review Date: JUN 16 2010

Michael Suls, D.O., M.P.H.

Qualisys Employment Screening
600 Townpark Lane NW,
Suite 350
Kennesaw, GA 30144

Individual Hearing Evaluation Letter

06/17/2010
Page: 1

Name	**Dimacale, Gregory**		
Age	**41**	Test Date	**06/02/2010**
Company	**Aerotek, Inc.**	Location	**Environmental 089**
		Department	

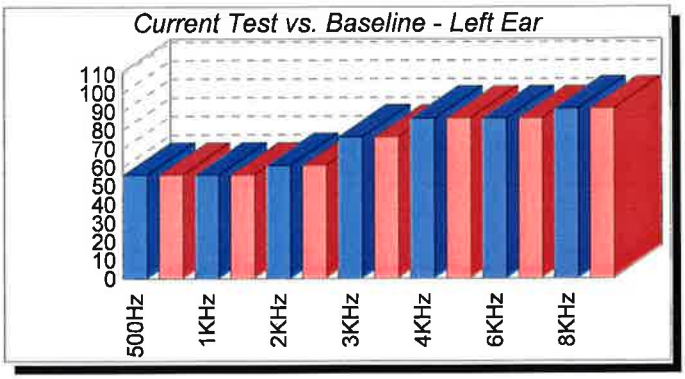
Your recent hearing test indicates the following.

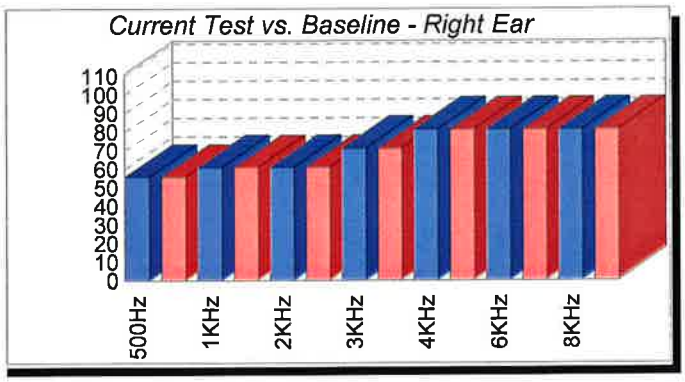
Your left ear indicates the following:
There is a severe loss in hearing. This occurs when the average hearing level is greater than 70dB in either ear. If a hearing specialist has not been seen regarding this matter, an appointment is recommended.

Your right ear indicates the following:
There is a severe loss in hearing. This occurs when the average hearing level is greater than 70dB in either ear. If a hearing specialist has not been seen regarding this matter, an appointment is recommended.

Since this test was your baseline test there was no comparison made to a previous test.

The hearing test indicates a possible medical problem. If a hearing specialist has not already been seen regarding this matter, an appointment is advised.





Current Test Baseline Test

Always wear the appropriate hearing protection when exposed to excessive noise. This will help protect against any future loss of hearing. If there are any questions regarding this matter please speak to the supervisor.

Results of Hearing Test	500Hz	1KHz	2KHz	3KHz	4KHz	6KHz	8KHz
Left Ear	55	55	60	75	85	85	90
Right Ear	55	60	60	70	80	80	80

TRIUMVIRATE ENVIRONMENTAL

Triumvirate Environmental - Respirator Fit Test Record

Date: 6/20/11

Employee:	Gregory Dimaggio
Title:	F.S. Temp
Job Description:	

TEI Office:

Somerville | Lowell | Westminster | Portland | Baltimore | Stafford | Astoria

Respiratory Protection Device

Air Purifying Respirator	**Manufacturer/Model**	North 7500 FAS	**Size**	Small
Notes:				
SCBA	**Manufacturer/Model**		**Size**	
Notes:				
SAR	**Manufacturer/Model**		**Size**	
Notes:				
Dust Mask (N95)	**Manufacturer/Model**		**Size**	
Notes:				

Conditions which could affect respirator fit:

Clean Shaven | 1-2 day beard growth | 2+ days beard growth | Moustache | Dentures Absent

Facial Scar | Glasses | None | Other (please note in comments)

Comments:

Fit Checks

Negative Pressure Pass Fail Not done **Postive Pressure** Pass Fail Not done

Fit Testing

Quantiative Fit Factor:

Qualitative Media Used: Bitrex Isoamyl Acetate Irritant Smoke Pass Fail

Acknowledgement

Employee Signature:	Gregory Dimaggio	Date	6/20/11
Test Conducted By:	Richard Sells	Date	6/20/11

TRIUMVIRATE
ENVIRONMENTAL

Jeffrey Dollfuss

Has successfully completed the following training:

Respiratory Protection

5/2/2007

Trainer: Oliver_Jeffrey

Triumvirate Environmental

Signature: _____

Date: 5/2/2007

OSHA 001056381

U.S. Department of Labor
Occupational Safety and Health Administration

Jeff A. Dollfuss

has successfully completed a 10-hour Occupational Safety and Health Training Course in

Construction Safety & Health

(Trainer) 5/9/06 (Date)

Cape Cod Community College

Environmental Technology Program

This Certifies That

Jeffrey Dollfuss

Has Satisfactorily Completed

OSHA 40 Hour HAZWOPER Training

ME 158-63

on

May 16, 2006

Sean M. O'Brien
Course Instructor

Allen R. Nickerson
Course Instructor

INSTITUTE FOR ENVIRONMENTAL EDUCATION, INC.

16 Upton Drive Wilmington, MA 01887
PHONE (978) 658-5272

IEE

IEE

This is to certify that

Jeffrey A Dellfuss

has completed the 16-hour course

Asbestos Operations & Maintenance Training

June 28-29, 2011
Course Dates

June 29, 2011
Examination Date

Course Location
Institute for Environmental Education, Inc.
16 Upton Drive
Wilmington, MA 01887

June 29, 2012
Expiration Date

11-6744-105-253480
Certificate Number

Training Director

TRIUMVIRATE
ENVIRONMENTAL

Dollfuss, Jeffrey

has successfully completed the following training:

OSHA 8-Hour Refresher

on

08/09/2010

taught by

Grillo, Richard

Certificate Validated by:

Michael Spinale, Director of Human Resource & Training

Surveillance Examination
Medical Release For Job Placement

Employee's Name:	Dollfuss, Jeffrey
SSN:	031649689
Birth Date:	December 05, 1983
Company:	Triumvirate Environmental
Company Branch:	Somerville, MA (Headquarters)
Date of Exam:	August 16, 2010
Exam Location:	All One Health - Woburn, MA Woburn, MA

Medical Surveillance Exam: Medical Surveillance - Periodic

I have reviewed the examination of the above named individual per OSHA regulations and in my opinion,

I have not detected any medical condition which would place the employee at increased risk of health impairment from work.

DOT Exam Result: DOT Card Granted/Renewed: Yes; New Card Expires: 08/16/2012

I have informed the employee of the results of the examination and any medical conditions which require further examination or treatment.

For asbestos examinations: The above employee has been informed of the health risks associated with smoking and asbestos exposure.

Roston, David		08/18/2010
Authorized Physician	Signature	Date

RefID MR-14.'

ALL ONE HEALTH

Certification for Respirator Use
29 CFR 1910.134

Employee's Name:	Dollfuss, Jeffrey
SSN:	031649689
Birth Date:	December 05, 1983
Company:	Triumvirate Environmental
Company Branch:	Somerville, MA (Headquarters)
Date of Exam:	August 16, 2010
Exam Location:	All One Health - Woburn, MA Woburn, MA

I have examined the above named individual and I certify that this employee is physically capable of using all types of respiratory protection.

Prescription eyeglasses/contact lenses and beards cannot be worn with all types of respirators. Any interference with a face-to-face piece seal is not acceptable; contact lenses cannot be worn with any supplied-air respirator. General safety recommendations indicate that contact lenses should not be worn in areas where there may be likelihood of chemical splashes

David M. Rosson, M.D. 08/18/2010

Authorized Signature Date

THE ABOVE EMPLOYEE HAS BEEN NOTIFIED OF THIS DETERMINATION

RefID: RS-14,943

Triumvirate Environmental - Respirator Fit Test Record

TRIUMVIRATE ENVIRONMENTAL

Date: Aug 09 2010

ENTERED

Employee:	Jeffrey Dolleuss
Title:	Field Tech
Job Description:	

TEI Office:

Somerville | Lowell | Westminster | Portland | Baltimore | Stafford | Astoria

Respiratory Protection Device

Air Purifying Respirator	Manufacturer/Model	North 7600SA	Size	M/L
Notes:				
SCBA	Manufacturer/Model		Size	
Notes:				
SAR	Manufacturer/Model		Size	
Notes:				
Dust Mask (N95)	Manufacturer/Model		Size	
Notes:				

Conditions which could affect respirator fit:

Clean Shaven | 1-2 day beard growth | 2+ days beard growth | Moustache | Dentures Absent

Facial Scar | Glasses | None | Other (please note in comments)

Comments:

Fit Checks

Negative Pressure Pass Fail Not done **Postive Pressure** Pass Fail Not done

Fit Testing

Quantiative Fit Factor:

Qualitative Media Used: Bitrex Isoamyl Acetate Irritant Smoke Pass Fail

Acknowledgement

Employee Signature:	Jeff Dolleuss	Date	08.09.2010
Test Conducted By:	Richard Zelli	Date	8/9/10

JTS Group, Inc.
74 William Street
Worcester, MA 01609

Phone 508-791-3775
Fax 508 798 9134
jtsdill@charter.net

Certificate of Training
OSHA Hazardous Materials Communication
29 CFR 1910.120

This certifies that

Jason Percival

has completed the 40 HOUR OSHA 1910.120 Training
and Hazard Communication Standard Instruction
EPA DOT REGS, Respiratory Protection, PPE, Confined Space,
Construction Hazards, Level 2 HAZWOPER, waste handling.

JTS GROUP INC.

Fitchburg, MA

Jeffery L. Dill CHMM Instructor — Date 4/7/2011

Jason Percival
Signature — Date 4/7/2011

Certificate of Completion

Presented to:

JASON PERCIVAL

On 6/19/2011, JASON PERCIVAL successfully completed the 10-Hour OSHA Outreach Training Course for the Construction Industry.

OSHA Authorized Trainer

As an OSHA authorized trainer, I verify that I have conducted this OSHA outreach training class in accordance with OSHA Outreach Training Program requirements. I will document this class to my authorizing OSHA training organization. Upon successful review of my documentation, I will provide each student their completion card within 90 days of the end of the class.

OSHA TRAINING INSTITUTE EDUCATION CENTER

USF UNIVERSITY OF SOUTH FLORIDA

American Safety Council

INSTITUTE FOR ENVIRONMENTAL EDUCATION, INC.

16 Upton Drive Wilmington, MA 01887
PHONE (978) 658-5272

IEE IEE

This is to certify that

Jason Percival

has completed the requisite training, and has passed an examination for accreditation

Asbestos Contractor/Supervisor

pursuant to Title II of the Toxic Substance Control Act, 15 U.S.C. 2646

June 17, 2011
Examination Date

11-6175-101-253381
Certificate Number

June 13-17, 2011
Course Dates

Course Location
Institute for Environmental Education, Inc.
16 Upton Drive
Wilmington, MA 01887

June 17, 2012
Expiration Date

Training Director

ECONOMIC

ENVIRO TECHS, INC.

RESPIRATOR FIT TEST

FIT TEST (PRUEVA DE AJUSTE DEL RESPIRADOR)

The following is a checklist must be completed for each employee required to wear a negative pressure respirator every year this form is required on Asbestos or Lead job sites.

I CERTIFY THAT ON THE DATE BELOW I WAS FIT-TESTED IN THE RESPIRATOR TYPY AND MODEL LISTED AND THAT I WAS GIVEN TRAINING REGARDING ITS PROPER USE AND MAINTENANCE PROCEDURES.

I FURTHER CERTIFY THAT I UNDERSTAND THE TRAINING PROVIDED TO ME AND KNOW THAT THE USE OF A RESPIRATOR UNDER CONDITIONS CONTRARY TO THOSE OUTLINE AS APPROPRIATE IN THE TRAINING AND FIT TEST SESSION MAY NOT PROVIDE ADEQUATE PROTECTION.

Employee/Subcontractor Signature: Jason Percival

Qualified Person Signature: Henry Moses

Date: 6-27-11

1. Challenge substance: Corrosive or irritant Smoke Oil Saccharin
2. Fit Check Procedures:
   a. Negative Pressure Check Pass/Fail
   b. Positive Pressure Check Pass/Fail
3. Testing Procedure: Reaction:
   a. Normal Breathing pass
   b. Deep Breathing
   c. Turn head from side to side
   d. Nod head up and down
   e. Talking and/or counting backwards from 100
   f. Jogging in place
   g. Bend over and touch toes
   h. Grimace and frown
   i. Repeat Rainbow Passage
   j. Breathe normally
4. Overall Evaluation: Pass/Fail
5. Respirator Approvals:

Manufacture	Approval#	Type	Size
North		Half face	Med

38 INTERVALE RD, FITCHBURG, MA 01420
PHONE: (978) 348-1118
FAX: (978) 383-1097

JTS Group, Inc.
74 William Street
Worcester, MA 01609

Phone 508-791-3775
Fax 508 798 9134
jtsdill@charter.net

Certificate of Training
OSHA Hazardous Materials Communication
29 CFR 1910.120

This certifies that

Jason Percival

has completed the 40 HOUR OSHA 1910.120 Training
and Hazard Communication Standard Instruction
EPA DOT REGS, Respiratory Protection, PPE, Confined Space,
Construction Hazards, Level 2 HAZWOPER, waste handling.

JTS GROUP INC.

Fitchburg, MA

Jeffery L. Dill CHMM Instructor — Date 4/7/2011

Jason Percival
Signature — Date 4/7/2011

Certificate of Completion

Presented to:

JASON PERCIVAL

On 6/19/2011, JASON PERCIVAL successfully completed the 10-Hour OSHA Outreach Training Course for the Construction Industry.

OSHA Authorized Trainer

As an OSHA authorized trainer, I verify that I have conducted this OSHA outreach training class in accordance with OSHA Outreach Training Program requirements. I will document this class to my authorizing OSHA training organization. Upon successful review of my documentation, I will provide each student their completion card within 90 days of the end of the class.

OSHA TRAINING INSTITUTE EDUCATION CENTER

USF UNIVERSITY OF SOUTH FLORIDA

American Safety Council

HealthAlliance Hospital
A Member of UMass Memorial Health Care
60 Hospital Road
Leominster, MA 01453-8004

Patient ID Label

CL0000 / TC Documents

Physical Examination Report

TakeCharge Occupational Health
Phone (978) 466-2060 Fax (978) 466-2065

Name: Jason Percival

Employer: Economic EnviroTechS

Position:

Examination Date:

Type of Examination	Testing Performed	Results	Testing Performed	Results
☐ Pre-Placement	☑ Vision	WNL	☑ PFT	WNL
☐ Annual	☐ Drug Screen		☐ Chest X-Ray	
☐ DOT	☐ BAT		☐ Labs	
	☐ Audiogram		☐ PPD	

Medical Rating

1. ☑ Medically qualified for position
2. ☐ Medically qualified with restrictions
   - ☐ No heavy lifting
   - ☐ No job requiring perfect color vision
   - ☐ Other Restriction:
   - ☐ Eye glasses or contacts required on job
   - ☐ Hearing protection required
3. ☐ Temporarily deferred
   Comments:
4. ☐ Medically disqualified for position
   Comments:

Approved for Respirator use: ☑ Yes ☐ No

Results:

	(FVC) Forced Vital Capacity	(FEV 1) Forced Expiratory Volume Once Second	(FEV 1 / FVC) Forced Expiratory Volume One Second/Forced Vital Capacity	(FEF 25-75) Forced Expiratory Flow
% of Predicted	[illegible]	87	101	96

Comments: Unable facial hair

Hearing Results:

☐ Within Normal Limits ☐ Mild ☐ Moderate ☐ Severe

RIGHT							LEFT					
Date	500 Hz	1000 Hz	2000 Hz	3000 Hz	4000 Hz	6000 Hz	500 Hz	1000 Hz	2000 Hz	3000 Hz	4000 Hz	6000 Hz

Comments:

Provider's Signature: [signature] Date/Time: 6/7/11 3:45 pm

Provider' Name (Printed): RN/NP

Original – Medical Record
Form # NSO 1427 Rev/reprint 04-16-2009

Yellow - Employer

Pink - TakeCharge
Chart Tab Placement: Clinics

INSTITUTE FOR ENVIRONMENTAL EDUCATION, INC.

16 Upton Drive Wilmington, MA 01887
PHONE (978) 658-5272

IEE IEE

This is to certify that

Jason Percival

has completed the requisite training, and has passed an examination for accreditation

Asbestos Contractor/Supervisor

pursuant to Title II of the Toxic Substance Control Act, 15 U.S.C. 2646

June 17, 2011
Examination Date

11-6175-101-253381
Certificate Number

June 13-17, 2011
Course Dates

Course Location
Institute for Environmental Education, Inc.
16 Upton Drive
Wilmington, MA 01887

June 17, 2012
Expiration Date

Training Director

ECONOMIC

ENVIRO TECHS, INC.

RESPIRATOR FIT TEST

FIT TEST (PRUEVA DE AJUSTE DEL RESPIRADOR)

The following is a checklist must be completed for each employee required to wear a negative pressure respirator every year this form is required on Asbestos or Lead job sites.

I CERTIFY THAT ON THE DATE BELOW I WAS FIT-TESTED IN THE RESPIRATOR TYPY AND MODEL LISTED AND THAT I WAS GIVEN TRAINING REGARDING ITS PROPER USE AND MAINTENANCE PROCEDURES.

I FURTHER CERTIFY THAT I UNDERSTAND THE TRAINING PROVIDED TO ME AND KNOW THAT THE USE OF A RESPIRATOR UNDER CONDITIONS CONTRARY TO THOSE OUTLINE AS APPROPRIATE IN THE TRAINING AND FIT TEST SESSION MAY NOT PROVIDE ADEQUATE PROTECTION.

Employee/Subcontractor Signature: Jason Percival

Qualified Person Signature: Henry Moses

Date: 6-27-11

1. Challenge substance: Corrosive or irritant Smoke Oil Saccharin
2. Fit Check Procedures:
   a. Negative Pressure Check Pass/Fail
   b. Positive Pressure Check Pass/Fail
3. Testing Procedure: Reaction:
   a. Normal Breathing pass
   b. Deep Breathing
   c. Turn head from side to side
   d. Nod head up and down
   e. Talking and/or counting backwards from 100
   f. Jogging in place
   g. Bend over and touch toes
   h. Grimace and frown
   i. Repeat Rainbow Passage
   j. Breathe normally
4. Overall Evaluation: Pass/Fail
5. Respirator Approvals:

Manufacture	Approval#	Type	Size
North		Half face	Med

38 INTERVALE RD, FITCHBURG, MA 01420
PHONE: (978) 348-1118
FAX: (978) 383-1097

INSTITUTE FOR ENVIRONMENTAL EDUCATION, INC.

16 Upton Drive Wilmington, MA 01887
PHONE (978) 658-5272

IEE

IEE

This is to certify that

Matthew D Grande

has attended the 40-hour course

Hazardous Waste Operations

pursuant to OSHA 29 CFR Part 1910.120(e)(3)I

June 21-25, 2010
Course Dates

Course Location
Institute for Environmental Education
16 Upton Drive
Wilmington, MA 01887

June 25, 2010
Examination Date

10-4626-180-248906
Certificate Number

Training Director

TRIUMVIRATE
ENVIRONMENTAL

61 Innerbelt Road
Somerville, MA 02143

Grande, Matthew

has successfully completed the following training:

Respiratory Protection

on

06/08/2010

taught by

Grillo, Rich

Certificate Validated by:

Ashley Cole, HEM

Training Coordinator,
Triumvirate Environmental

OSHA Occupational Safety and Health Administration

11-002631981

This card acknowledges that the recipient has successfully completed a 10-hour Occupational Safety and Health Training Course in

Construction Safety and Health

Matthew Glande

Robert Burns

(Trainer name – print or type)

Robert Burns 11/4/2010

(Course end date)

TRIUMVIRATE
ENVIRONMENTAL

61 Innerbelt Road
Somerville, MA 02143

Grande, Matthew

has successfully completed the following training:

OSHA 8-Hour HAZWOPER Refresher

on

06/20/2011

taught by

Grillo, Rich

Certificate Validated by:

Ashley Cole, HEM

Training Coordinator,
Triumvirate Environmental

INSTITUTE FOR ENVIRONMENTAL EDUCATION, INC.

16 Upton Drive Wilmington, MA 01887
PHONE (978) 658-5272

IEE

IEE

This is to certify that

Matthew D Grande

has completed the 16-hour course

Asbestos Operations & Maintenance Training

June 28-29, 2011
Course Dates

June 29, 2011
Examination Date

Course Location
Institute for Environmental Education, Inc.
16 Upton Drive
Wilmington, MA 01887

June 29, 2012
Expiration Date

11-6744-105-248906
Certificate Number

Training Director

TRIUMVIRATE ENVIRONMENTAL

Triumvirate Environmental - Respirator Fit Test Record

Date: 6/20/11

entered 06.21.11 KLS

Employee:	Matthew Grande
Title:	Field Tech
Job Description:	Field Services

TEI Office:

Somerville | Lowell | Westminster | Portland | Baltimore | Stafford | Astoria

Respiratory Protection Device

Air Purifying Respirator	Manufacturer/Model	North 7600	Size	
Notes:				
SCBA	Manufacturer/Model		Size	
Notes:				
SAR	Manufacturer/Model		Size	
Notes:				
Dust Mask (N95)	Manufacturer/Model		Size	
Notes:				

Conditions which could affect respirator fit:

Clean Shaven | 1-2 day beard growth | 2+ days beard growth | Moustache | Dentures Absent

Facial Scar | Glasses | None | Other (please note in comments)

Comments:

Fit Checks

Negative Pressure Pass | Fail | Not done

Postive Pressure Pass | Fail | Not done

Fit Testing

Quantiative | Fit Factor:

Qualitative | Media Used: Bitrex | Isoamyl Acetate | Irritant Smoke | Pass | Fail

Acknowledgement

Employee Signature:	M Grande RVC	Date	6/20/11
Test Conducted By:	Richard Smith	Date	6/20/11

TRIUMVIRATE
ENVIRONMENTAL

61 Innerbelt Road
Somerville, MA 02143

Matthew Grande

Has been medically evaluated and cleared to wear a respirator pursuant to OSHA Standard 1910.134

on

May 25, 2010

by

ALLOne Health Resources of Woburn, MA

Certificate Validated by:

Ashley Cole, HEM

Training Coordinator,
Triumvirate Environmental

Surveillance Examination
Medical Release For Job Placement

Employee's Name:	Grande, Matthew
SSN:	003647332
Birth Date:	March 04, 1980
Company:	Triumvirate Environmental
Company Branch:	Somerville, MA (Headquarters)
Date of Exam:	May 26, 2010
Exam Location:	All One Health - Woburn, MA Woburn, MA

Medical Surveillance Exam: Medical Surveillance - Baseline (Local)

I have reviewed the examination of the above named individual per OSHA regulations and in my opinion,

I have not detected any medical condition which would place the employee at increased risk of health impairment from work.

DOT Exam Result: DOT Card Granted/Renewed: Yes; New Card Expires: 05/26/2012

Other Comments:
Pt. Provided Proof of Bepatitis B Series

I have informed the employee of the results of the examination and any medical conditions which require further examination or treatment.

For asbestos examinations: The above employee has been informed of the health risks associated with smoking and asbestos exposure.

Morris, Brian		06/03/2010
Authorized Physician	Signature	Date

RefID: MR-13,962,675.0

ALL ONE HEALTH

Certification for Respirator Use
29 CFR 1910.134

Employee's Name:	Grande, Matthew
SSN:	003647332
Birth Date:	March 04, 1980
Company:	Triumvirate Environmental
Company Branch:	Somerville, MA (Headquarters)
Date of Exam:	May 26, 2010
Exam Location:	All One Health - Woburn, MA Woburn, MA

I have examined the above named individual and I certify that this employee is physically capable of using all types of respiratory protection.

Prescription eyeglasses/contact lenses and beards cannot be worn with all types of respirators. Any interference with a face-to-face piece seal is not acceptable; contact lenses cannot be worn with any supplied-air respirator. General safety recommendations indicate that contact lenses should not be worn in areas where there may be likelihood of chemical splashes.

Brian T. Morris, M.D., M.PH.

Authorized Signature

06/03/2010

Date

THE ABOVE EMPLOYEE HAS BEEN NOTIFIED OF THIS DETERMINATION

RefID: RS-13,962,683.0

The New England Consortium

(Partially supported by the National Institute of Environmental Health Sciences)

This is to certify that

Mark Jean-Baptiste

Certificate #01107176-032309
has successfully completed the

40hr. Hazardous Waste Site Worker Basic Health & Safety Training

per requirements of 29 CFR 1910.120
March 23-27, 2009
conducted in conjunction with
ConnectiCOSH
MassCOSH
New Hampshire COSH
RICOSH
Western MassCOSH

Continuing Education Units 4.0

Refresher Due – March 2010

To verify authenticity of this certificate, please call The New England Consortium (978) 934-3257

Paul Morse
Project Director

Wayne Sanborn
Training Director

OSHA 002316633

U.S. Department of Labor
Occupational Safety and Health Administration

Mark Jean-Baptiste

has successfully completed a 10-hour Occupational Safety and Health Training Course in

Construction Safety & Health

Robert Burns 4/7/2009

(Trainer) (Date)

Lisa entered in intelex 11/5

ALL ONE SM HEALTH

Surveillance Examination
Medical Release For Job Placement

Employee's Name:	Jean-Baptiste, Mark
SSN:	101628232
Birth Date:	February 05, 1976
Company:	Triumvirate Environmental
Company Branch:	Somerville, MA (Headquarters)
Date of Exam:	June 14, 2011
Exam Location:	All One Health - Woburn, MA Woburn, MA

Medical Surveillance Exam: Medical Surveillance - Periodic

I have reviewed the examination of the above named individual per OSHA regulations and in my opinion,

I have not detected any medical condition which would place the employee at increased risk of health impairment from work.

DOT Exam Result: DOT Card Granted/Renewed: Yes; New Card Expires: 06/14/2013

I have informed the employee of the results of the examination and any medical conditions which require further examination or treatment.

For asbestos examinations: The above employee has been informed of the health risks associated with smoking and asbestos exposure.

Roston, David M.		06/17/2011
Authorized Physician	Signature	Date

RefID: MR-19,159,989.0

ALL ONE℠ HEALTH

Certification for Respirator Use
29 CFR 1910.134

Employee's Name:	Jean-Baptiste, Mark
SSN:	101628232
Birth Date:	February 05, 1976
Company:	Triumvirate Environmental
Company Branch:	Somerville, MA (Headquarters)
Date of Exam:	June 14, 2011
Exam Location:	All One Health - Woburn, MA Woburn, MA

I have examined the above named individual and I certify that this employee is physically capable of using all types of respiratory protection.

Prescription eyeglasses/contact lenses and beards cannot be worn with all types of respirators. Any interference with a face-to-face piece seal is not acceptable; contact lenses cannot be worn with any supplied-air respirator. General safety recommendations indicate that contact lenses should not be worn in areas where there may be likelihood of chemical splashes.

David M. Roston, M.D.
Authorized Signature

06/17/2011
Date

THE ABOVE EMPLOYEE HAS BEEN NOTIFIED OF THIS DETERMINATION

RefID: RS-19,159,997 0

TRIUMVIRATE
ENVIRONMENTAL

Jean-Baptiste, Mark

has successfully completed the following training:

OSHA 8-Hour HAZWOPER Refresher

on

01/03/2011

taught by

Grillo, Richard

Certificate Validated by:

Ashley Cole, HEM

Training Coordinator,
Triumvirate Environmental

INSTITUTE FOR ENVIRONMENTAL EDUCATION, INC.

16 Upton Drive Wilmington, MA 01887
PHONE (978) 658-5272

IEE IEE

This is to certify that

Mark Jean-Baptiste

has completed the requisite training, and has passed an examination for reaccreditation as:

Asbestos Contractor/Supervisor Refresher

pursuant to Title II of the Toxic Substance Control Act, 15 U.S.C. 2646

November 20, 2010
Course Dates

Course Location
Institute for Environmental Education, Inc.
16 Upton Drive
Wilmington, MA 01887

November 20, 2010
Examination Date

10-5546-104-240482
Certificate Number

November 20, 2011
Expiration Date

Training Director

Commonwealth of Massachusetts
Division of Occupational Safety
Heather E. Rowe, Acting Commissioner
Asbestos Supervisor

MARK JEAN-BAPTISTE

Eff. Date 12/17/10
Exp. Date 12/16/11
AS001537
Member of C O N E S
BO

11

BOSTON-RENEW

ENTERED 6/28/11

The Commonwealth of Massachusetts
DEPARTMENT OF PUBLIC SAFETY
Hoisting Engineer License

Number: HE 148518

Expires: 02/05/2013 **Tr. no:** 20056

Restricted: 1C2A

ENTERED 6/28/11

MARK JEAN-BAPTISTE
69 BIRD ST APT 2
DORCHESTER, MA 02125

Commissioner

TRIUMVIRATE
ENVIRONMENTAL

61 Innerbelt Road
Somerville, MA 02143

Mark Jean-Baptiste

has successfully completed the following training:

Respiratory Protection

on

June 24, 2009

taught by

Richard Grillo

Certificate Validated by:

Ashley Cole, HEM

Training Coordinator,
Triumvirate Environmental

TRIUMVIRATE ENVIRONMENTAL

Triumvirate Environmental - Respirator Fit Test Record

Date: 1/3/11

Employee:	MARR JEAN-BAPTISTE
Title:	
Job Description:	Fall Service

ENTERED KLS 01.05.11

TEI Office:

Somerville | Lowell | Westminster | Portland | Baltimore | Stafford | Astoria

Respiratory Protection Device

Air Purifying Respirator	Manufacturer/Model	North 7600SA	Size	M/L
Notes:				
SCBA	Manufacturer/Model		Size	
Notes:				
SAR	Manufacturer/Model		Size	
Notes:				
Dust Mask (N95)	Manufacturer/Model		Size	
Notes:				

Conditions which could affect respirator fit:

Clean Shaven | 1-2 day beard growth | 2+ days beard growth | Moustache | Dentures Absent

Facial Scar | Glasses | None | Other (please note in comments)

Comments:

Fit Checks

Negative Pressure: Pass | Fail | Not done

Postive Pressure: Pass | Fail | Not done

Fit Testing

Quantiative | Fit Factor:

Qualitative | Media Used: Bitrex | Isoamyl Acetate | Irritant Smoke

Pass | Fail

Acknowledgement

Employee Signature:	Marr Jean-Baptiste		
Test Conducted By:	Richard Smalley	Date	
		Date	1/3/11

Certificate of Completion

Presented to:

MATTHEW PENDERGAST

On 4/20/2011, MATTHEW PENDERGAST successfully completed the 10-Hour OSHA Outreach Training Course for the Construction Industry.

Taylor Allen Sitter

OSHA Authorized Trainer

UNIVERSITY OF SOUTH FLORIDA

OSHA EDUCATION CENTER

American Safety Council .com

JTS Group, Inc.
74 William Street
Worcester, MA 01609

Phone 508-791-3775
Fax 508 798 9134
jtsdill@charter.net

Certificate of Training
OSHA Hazardous Materials Communication
29 CFR 1910.120

This certifies that

Matt Pendergast

has completed the 40 HOUR OSHA 1910.120 Training
and Hazard Communication Standard Instruction
EPA DOT REGS, Respiratory Protection, PPE, Confined Space,
Construction Hazards, Level 2 HAZWOPER, waste handling.

JTS GROUP INC.

Fitchburg, MA

Jeffery L. Dill CHMM Instructor — Date 4/7/2011

Signature — Date 4/7/2011

HealthAlliance Hospital
A Member of UMass Memorial Health Care
60 Hospital Road
Leominster, MA 01453-8004

CL0000 / TC Documents

Patient ID Label

Physical Examination Report

TakeCharge Occupational Health
Phone (978) 466-2060 Fax (978) 466-2065

Name Matthew Pendergast

Employer Economic Equip Tech

Position

Examination Date: 8-2-10

Type of Examination	Testing Performed	Results	Testing Performed	Results
☐ Pre-Placement	☑ Vision	WNL	☑ PFT	WNL
☐ Annual	☐ Drug Screen		☐ Chest X-Ray	
☐ DOT	☐ BAT		☐ Labs	
	☐ Audiogram		☐ PPD	

Medical Rating

1. ☑ Medically qualified for position
2. ☐ Medically qualified with restrictions
   - ☐ No heavy lifting
   - ☐ Eye glasses or contacts required on job
   - ☐ No job requiring perfect color vision
   - ☐ Hearing protection required
   - ☐ Other Restriction:
3. ☐ Temporarily deferred
   Comments:
4. ☐ Medically disqualified for position
   Comments:

Approved for Respirator use: ☑ Yes ☐ No

Results:

	(FVC) Forced Vital Capacity	(FEV 1) Forced Expiratory Volume Once Second	(FEV 1 / FVC) Forced Expiratory Volume One Second/Forced Vital Capacity	(FEF 25-75) Forced Expiratory Flow
% of Predicted	84	87	101	96

Comments: Remove facial hair

Hearing Results:

☐ Within Normal Limits ☐ Mild ☐ Moderate ☐ Severe

	RIGHT						LEFT					
Date	500 Hz	1000 Hz	2000 Hz	3000 Hz	4000 Hz	6000 Hz	500 Hz	1000 Hz	2000 Hz	3000 Hz	4000 Hz	6000 Hz

Comments:

Provider's Signature [signature] **Date/Time:** 8-2-10 3:45 pm

Provider' Name (Printed) RN/NP

Original – Medical Record
Form # NSO 1427 Rev/reprint 04-16-2009

Yellow - Employer

Pink - TakeCharge
Chart Tab Placement: Clinics

INSTITUTE FOR ENVIRONMENTAL EDUCATION, INC.

16 Upton Drive Wilmington, MA 01887
PHONE (978) 658-5272

IEE IEE

This is to certify that

Matthew T Pendergast

has completed the requisite training, and has passed an examination for accreditation

Asbestos Contractor/Supervisor

pursuant to Title II of the Toxic Substance Control Act, 15 U.S.C. 2646

July 12 16, 2010
Course Dates

July 16, 2010
Examination Date

Course Location
Institute for Environmental Education, Inc.
16 Upton Drive
Wilmington, MA 01887

July 16, 2011
Expiration Date

10-5492-101-250175
Certificate Number

Training Director

ECONOMIC

ENVIRO TECHS, INC.

RESPIRATOR FIT TEST

FIT TEST (PRUEVA DE AJUSTE DEL RESPIRADOR)

The following is a checklist must be completed for each employee required to wear a negative pressure respirator every year this form is required on all Asbestos or Lead job sites.

I CERTIFY THAT ON THE DATE BELOW I WAS FIT-TESTED IN THE RESPIRATOR TYPY AND MODEL LISTED AND THAT I WAS GIVEN TRAINING REGARDING ITS PROPER USE AND MAINTENANCE PROCEDURES.

I FURTHER CERTIFY THAT I UNDERSTAND THE TRAINING PROVIDED TO ME AND KNOW THAT THE USE OF A RESPIRATOR UNDER CONDITIONS CONTRARY TO THOSE OUTLINE AS APPROPRIATE IN THE TRAINING AND FIT TEST SESSION MAY NOT PROVIDE ADEQUATE PROTECTION.

Employee/Subcontractor Signature: Matthew Pendergrast

Qualified Person Signature: Henry Moses

Date: 6-27-11

1. Challenge substance: (Circle one) Irritant Smoke, Oil Saccharin
2. Fit Check Procedures:
   a. Negative Pressure Check — Pass/Fail
   b. Positive Pressure Check — Pass/Fail
3. Testing Procedure:

	Reaction:
a. Normal Breathing	pass
b. Deep Breathing	
c. Turn head from side to side	
d. Nod head up and down	
e. Talking loudly or counting backwards from 100	
f. Jogging in place	
g. Bend over and touch toes	
h. Grimace and frown	
i. Repeat Rainbow Passage	
j. Breathe normally	

4. Overall Evaluation — Pass/Fail
5. Respirator Approvals:

Manufacture	Approvals	Type	Size
North		Heface	Med

38 INTERVALE RD, FITCHBURG, MA 01420
PHONE: (978) 348-1118
FAX: (978) 383-1097

OSHA 001014832

U.S. Department of Labor
Occupational Safety and Health Administration

Paul Toufos

has successfully completed a 10-hour Occupational Safety and Health Training Course in

Construction Safety & Health

(Trainer) 22APR2006 (Date)

Gmail Calendar Documents Web Reader more ▼ corcorancr@gmail.com | Settings ▼ | Sign out

Google docs Certificate of Completion Save in Google Docs Share

File View

Certificate of Completion

This certifies that

Apostolos Toufos

Has Successfully completed

8 Hour HAZWOPER Refresher Training

Refresher certification does not necessarily indicate initial 24 or 40 Hour HAZWOPER certification

In Accordance With Federal OSHA Regulation 29 CFR 1910.120(e)

And all State OSHA and EPA Regulations As Well

Julius P. Griggs	10101953888	10/19/2010
Julius P. Griggs Instructor #892	Certificate Number	Issue Date

SAFETY UNLIMITED, Inc.
OSHA Compliant Safety Training Since 1993

698A East Los Angeles Ave Suite 180 Simi Valley, CA 93065
888-309-7233 * 805-306-8027 * 866-669-7097 (F)
www.safetyunlimited.com

Proof of initial certificate and subsequent refresher training is NOT required to take refresher training
Want to be sure this certificate is valid? Visit safetyunlimited.com verification

ENTERED
11/1/10

Certificate of Completion

Apostolos Paul Toufos

~ Has successfully completed the course titled ~

OSHA HAZWOPER 40-HOUR TRAINING
General Site Personnel

As required by 29 CFR §1910.120

On
30 September 2005

Certificate Number: HAZ40300-90511

Damage Control
Bridgewater, MA 02324
(781) 603-2008

Andrew Boisvert, NREMT-P
Senior Instructor

TRIUMVIRATE
ENVIRONMENTAL

Apostolos Toufos

Has successfully completed the following training:

Respiratory Protection

12/28/2005

Trainer: Oliver_Jeffrey

Triumvirate Environmental

Signature:

Date: 12/28/2005

INSTITUTE FOR ENVIRONMENTAL EDUCATION, INC.

16 Upton Drive Wilmington, MA 01887
PHONE (978) 658-5272

IEE

IEE

This is to certify that

Paul Toufos

has completed the 16-hour course

Asbestos Operations & Maintenance Training

June 28-29, 2011
Course Dates

June 29, 2011
Examination Date

Course Location
Institute for Environmental Education, Inc.
16 Upton Drive
Wilmington, MA 01887

June 29, 2012
Expiration Date

11-6744-105-242579
Certificate Number

Training Director

TRIUMVIRATE
ENVIRONMENTAL

61 Innerbelt Road
Somerville, MA 02143

Apostolos Toufos

Has been medically evaluated and cleared to wear a respirator pursuant to OSHA Standard 1910.134

on

December 6, 2010

by

ALLOne Health Resources of Woburn, MA

Certificate Validated by:

Ashley Cole, HEM

Training Coordinator,
Triumvirate Environmental

ALL ONE HEALTH

Certification for Respirator Use
29 CFR 1910.134

Employee's Name:	Toufos, Apostolos
SSN:	104623887
Birth Date:	December 24, 1964
Employee No:	ToufApos
Company:	Triumvirate Environmental
Company Branch:	Somerville, MA (Headquarters)
Date of Exam:	October 25, 2010
Exam Location:	All One Health - Woburn, MA
	Woburn, MA

I have examined the above named individual and I certify that this employee is physically capable of using all types of respiratory protection.

Prescription eyeglasses/contact lenses and beards cannot be worn with all types of respirators. Any interference with a face-to-face piece seal is not acceptable: contact lenses cannot be worn with any supplied-air respirator. General safety recommendations indicate that contact lenses should not be worn in areas where there may be likelihood of chemical splashes.

12/06/2010

Authorized Signature | Date

THE ABOVE EMPLOYEE HAS BEEN NOTIFIED OF THIS DETERMINATION

RefID: RS-15,837,569 0

Surveillance Examination
Medical Release For Job Placement

Employee's Name:	Toufos, Apostolos
SSN:	104623887
Birth Date:	December 24, 1964
Employee No:	ToufApos
Company:	Triumvirate Environmental
Company Branch:	Somerville, MA (Headquarters)
Date of Exam:	October 25, 2010
Exam Location:	All One Health - Woburn, MA Woburn, MA

Medical Surveillance Exam: Medical Surveillance - Periodic

I have reviewed the examination of the above named individual per OSHA regulations and in my opinion,

I have not detected any medical condition which would place the employee at increased risk of health impairment from work.

DOT Exam Result: DOT Card Granted/Renewed: Yes; Limited Card: Yes; New Card Expires: 10/25/2011

I have informed the employee of the results of the examination and any medical conditions which require further examination or treatment

For asbestos examinations: The above employee has been informed of the health risks associated with smoking and asbestos exposure

Roston, David		12/06/2010
Authorized Physician	Signature	Date

RefID MR 15 817 561 0

INSTITUTE FOR ENVIRONMENTAL EDUCATION, INC.

16 Upton Drive Wilmington, MA 01887
PHONE (978) 658-5272

IEE

IEE

This is to certify that

Thomas G Dykstra

has completed the 16-hour course

Asbestos Operations & Maintenance Training

June 28-29, 2011
Course Dates

June 29, 2011
Examination Date

Course Location
Institute for Environmental Education, Inc.
16 Upton Drive
Wilmington, MA 01887

June 29, 2012
Expiration Date

11-6744-105-253482
Certificate Number

Training Director

TRIUMVIRATE
ENVIRONMENTAL

Dykstra, Thomas

has successfully completed the following training:

Respiratory Protection

on

10/27/2009

taught by

Grillo, Richard

Certificate Validated by:

Ashley Cole, HEM

Training Coordinator,
Triumvirate Environmental

TRIUMVIRATE
ENVIRONMENTAL

Dykstra, Thomas

has successfully completed the following training:

OSHA 8-Hour HAZWOPER Refresher

on

02/21/2011

taught by

Grillo, Richard

Certificate Validated by:

Ashley Cole, HEM

Training Coordinator,
Triumvirate Environmental

Presented By

CONDOR

TOM DYKSTRA

has completed a 40 Hour course in Hazardous Materials and Site Investigations required by OSHA 29 CFR 1910.120

Presented this

APRIL 11, 2002

CONDOR GEOTECHNICAL SERVICES, INC

Philip T. Cruz

BRADFORD PUBLISHING

NO. B.-R 4

OSHA 000192161

U.S. Department of Labor
Occupational Safety & Health Administration

Thomas Dykstra

has successfully completed 10 hour Occupational Safety & Health training course in

Construction Safety & Health

Donald L. Kelly 4-18-03
(Trainer) (Date)

OSHA recommends Outreach Training Course 10 as an introduction to occupational safety and health for workers. Participation in voluntary workers' safety and health training does not imply OSHA approval of the training or the course completion card or any part thereof.

OccuHealth, Inc.
44 Wood Avenue
Mansfield, MA 02048
800-729-1035

(For further information see our web site at www.osha.gov/outreach.htm)

TRIUMVIRATE ENVIRONMENTAL

Triumvirate Environmental - Respirator Fit Test Record

Date: 02/21/2011

Employee:	Tom Dykstra
Title:	Supervisor
Job Description:	

ENTERED 02.22.11

TEI Office:

Somerville | Lowell | Westminster | Portland | Baltimore | Stafford | Astoria

Respiratory Protection Device

Air Purifying Respirator	Manufacturer/Model	North 7600SD	Size	M/L
Notes:				
SCBA	Manufacturer/Model		Size	
Notes:				
SAR	Manufacturer/Model		Size	
Notes:				
Dust Mask (N95)	Manufacturer/Model		Size	
Notes:				

Conditions which could affect respirator fit:

Clean Shaven | 1-2 day beard growth | 2+ days beard growth | Moustache | Dentures Absent

Facial Scar | Glasses | None | Other (please note in comments)

Comments:

Fit Checks

Negative Pressure Pass Fail Not done **Postive Pressure** Pass Fail Not done

Fit Testing

Quantiative Fit Factor:

Qualitative Media Used: Bitrex Isoamyl Acetate Irritant Smoke Pass Fail

Acknowledgement

Employee Signature:		Date	02/21/2011
Test Conducted By:		Date	2/21/11

ALL ONE HEALTH

Surveillance Examination
Medical Release For Job Placement

Employee's Name:	Dykstra, Thomas
SSN:	028504107
Employee No:	DykThom
Company:	Triumvirate Environmental
Company Branch:	Providence, RI
Date of Exam:	November 29, 2010
Exam Location:	All One Health - Woburn, MA Woburn, MA

Medical Surveillance Exam: Medical Surveillance - Periodic

I have reviewed the examination of the above named individual per OSHA regulations and in my opinion,

I have not detected any medical condition which would place the employee at increased risk of health impairment from work.

DOT Exam Result: DOT Card Granted/Renewed: Yes; New Card Expires: 11/29/2012

I have informed the employee of the results of the examination and any medical conditions which require further examination or treatment.

For asbestos examinations: The above employee has been informed of the health risks associated with smoking and asbestos exposure.

Roston, David		12/03/2010
Authorized Physician	Signature	Date

RefID: MR-16,022,517.0

TRIUMVIRATE
ENVIRONMENTAL

61 Innerbelt Road
Somerville, MA 02143

Tom Dykstra

Has been medically evaluated and cleared to wear a respirator pursuant to OSHA Standard 1910.134

on

November 29, 2010

by

ALLOne Health Resources of Woburn, MA

Certificate Validated by:

Ashley Cole, HEM

Training Coordinator,
Triumvirate Environmental

CERTIFICATE OF COMPLETION

This certificate is awarded to

WAYNE BISSON

for participation in

"OSHA CFR1926 10-HOUR CONSTRUCTION SAFETY TRAINING"

(10 contact hours)

THE FOREST & WOOD PRODUCTS INSTITUTE
AT MOUNT WACHUSETT COMMUNITY COLLEGE, GARDNER, MA

Mount Wachusett Community College

Ken Hanson, Workforce Development Coordinator
Mount Wachusett Community College
January 9, 2008

Bill Stanwood, OSHA Construction Outreach Trainer
Mount Wachusett Community College
January 9, 2008

JTS Group, Inc.
74 William Street
Worcester, MA 01609

Phone 508-791-3775
Fax 508 798 9134
jtsdill@charter.net

Certificate of Training
OSHA Hazardous Materials Communication
29 CFR 1910.120

This certifies that

Wayne Bisson

has completed the 40 HOUR OSHA 1910.120 Training
and Hazard Communication Standard Instruction
EPA DOT REGS, Respiratory Protection, PPE, Confined Space,
Construction Hazards, Level 2 HAZWOPER, waste handling.

JTS GROUP INC.

Fitchburg, MA

Jeffery L. Dill CHSM Instructor — Date 4/7/2011

Signature — Date 4/7/2011

INSTITUTE FOR ENVIRONMENTAL EDUCATION, INC.

16 Upton Drive Wilmington, MA 01887
PHONE (978) 658-5272

IEE IEE

This is to certify that

Wayne Bisson

has completed the requisite training, and has passed an examination for reaccreditation as:

Asbestos Contractor/Supervisor Refresher

pursuant to Title II of the Toxic Substance Control Act, 15 U.S.C. 2646

July 30, 2010
Course Dates

Course Location
Institute for Environmental Education, Inc.
16 Upton Drive
Wilmington, MA 01887

July 30, 2010
Examination Date

10-5534-104-300812
Certificate Number

July 30, 2011
Expiration Date

Training Director

ECONOMIC
ENVIRO TECHS, INC.

RESPIRATOR FIT TEST

FIT TEST (PRUEVA DE AJUSTE DEL RESPIRADOR)

The following is a checklist must be completed for each employee required to wear a negative pressure respirator every year this form is required on all Asbestos or Lead job sites.

I CERTIFY THAT ON THE DATE BELOW I WAS FIT-TESTED IN THE RESPIRATOR TYPY AND MODEL LISTED AND THAT I WAS GIVEN TRAINING REGARDING ITS PROPER USE AND MAINTENANCE PROCEDURES.

I FURTHER CERTIFY THAT I UNDERSTAND THE TRAINING PROVIDED TO ME AND KNOW THAT THE USE OF A RESPIRATOR UNDER CONDITIONS CONTRARY TO THOSE OUTLINE AS APPROPRIATE IN THE TRAINING AND FIT TEST SESSION MAY NOT PROVIDE ADEQUATE PROTECTION.

Employee/Subcontractor Signature: Wayne Bisson

Qualified Person Signature: Henry Moyer

Date: 5-9-11

1. Challenge substance: (Circle one) Irritant Smoke, Oil Saccharin
2. Fit Check Procedures:
   a. Negative Pressure Check (Pass/Fail)
   b. Positive Pressure Check (Pass/Fail)
3. Testing Procedure:

	Reaction:
a. Normal Breathing	None
b. Deep Breathing	
c. Turn head from side to side	
d. Nod head up and down	
e. Talking and/or counting backwards from 100	
f. Jogging in place	
g. Bend over and touch toes	
h. Grimace and frown	
i. Repeat Rainbow Passage	
j. Breathe normally	

4. Overall Evaluation: (Pass/Fail)
5. Respirator Approvals:

Manufacture	Approval#	Type	Size
North		½ Face	M

38 INTERVALE RD, FITCHBURG, MA 01420
PHONE: (978) 348-1118
FAX: (978) 383-1097

Triumvirate Environmental - Respirator Fit Test Record

TRIUMVIRATE ENVIRONMENTAL

Date: Aug 09 2010

ENTERED

Employee:	Jeffrey Dolleuss
Title:	Field Tech
Job Description:	

TEI Office:

Somerville | Lowell | Westminster | Portland | Baltimore | Stafford | Astoria

Respiratory Protection Device

Air Purifying Respirator	Manufacturer/Model	North 7600SA	Size	M/L
Notes:				
SCBA	Manufacturer/Model		Size	
Notes:				
SAR	Manufacturer/Model		Size	
Notes:				
Dust Mask (N95)	Manufacturer/Model		Size	
Notes:				

Conditions which could affect respirator fit:

Clean Shaven | 1-2 day beard growth | 2+ days beard growth | Moustache | Dentures Absent

Facial Scar | Glasses | None | Other (please note in comments)

Comments:

Fit Checks

Negative Pressure Pass Fail Not done **Postive Pressure** Pass Fail Not done

Fit Testing

Quantiative Fit Factor:

Qualitative Media Used: Bitrex Isoamyl Acetate Irritant Smoke Pass Fail

Acknowledgement

Employee Signature:	Jeff Dolleuss	Date	08.09.2010
Test Conducted By:	Richard Zelli	Date	8/9/10

TRIUMVIRATE ENVIRONMENTAL

Triumvirate Environmental - Respirator Fit Test Record

Date: 02/21/2011

Employee:	Tom Dykstra
Title:	Supervisor
Job Description:	

ENTERED 02.22.11

TEI Office:

Somerville | Lowell | Westminster | Portland | Baltimore | Stafford | Astoria

Respiratory Protection Device

Air Purifying Respirator	Manufacturer/Model	North 7600SD	Size	M/L
Notes:				
SCBA	Manufacturer/Model		Size	
Notes:				
SAR	Manufacturer/Model		Size	
Notes:				
Dust Mask (N95)	Manufacturer/Model		Size	
Notes:				

Conditions which could affect respirator fit:

Clean Shaven | 1-2 day beard growth | 2+ days beard growth | Moustache | Dentures Absent

Facial Scar | Glasses | None | Other (please note in comments)

Comments:

Fit Checks

Negative Pressure Pass Fail Not done **Postive Pressure** Pass Fail Not done

Fit Testing

Quantiative Fit Factor:

Qualitative Media Used: Bitrex Isoamyl Acetate Irritant Smoke Pass Fail

Acknowledgement

Employee Signature:		Date	02/21/2011
Test Conducted By:		Date	2/21/11

TRIUMVIRATE ENVIRONMENTAL

Triumvirate Environmental - Respirator Fit Test Record

Date: 6/20/11

entered 06.21.11 KLS

Employee:	Matthew Grande
Title:	Field Tech
Job Description:	Field Services

TEI Office:

Somerville | Lowell | Westminster | Portland | Baltimore | Stafford | Astoria

Respiratory Protection Device

Air Purifying Respirator	Manufacturer/Model	North 7600	Size	
Notes:				
SCBA	Manufacturer/Model		Size	
Notes:				
SAR	Manufacturer/Model		Size	
Notes:				
Dust Mask (N95)	Manufacturer/Model		Size	
Notes:				

Conditions which could affect respirator fit:

Clean Shaven | 1-2 day beard growth | 2+ days beard growth | Moustache | Dentures Absent

Facial Scar | Glasses | None | Other (please note in comments)

Comments:

Fit Checks

Negative Pressure Pass | Fail | Not done

Postive Pressure Pass | Fail | Not done

Fit Testing

Quantiative | Fit Factor:

Qualitative | Media Used: Bitrex | Isoamyl Acetate | Irritant Smoke | Pass | Fail

Acknowledgement

Employee Signature:	M Grande RVC	Date	6/20/11
Test Conducted By:	Richard Smith	Date	6/20/11

TRIUMVIRATE ENVIRONMENTAL

Triumvirate Environmental - Respirator Fit Test Record

Date: 1/3/11

Employee:	MARK JEAN-BAPTISTE
Title:	
Job Description:	Field Service

ENTERED KLS 01.05.11

TEI Office:

Somerville | Lowell | Westminster | Portland | Baltimore | Stafford | Astoria

Respiratory Protection Device

Air Purifying Respirator	Manufacturer/Model	North 7600SA	Size	M/L
Notes:				
SCBA	Manufacturer/Model		Size	
Notes:				
SAR	Manufacturer/Model		Size	
Notes:				
Dust Mask (N95)	Manufacturer/Model		Size	
Notes:				

Conditions which could affect respirator fit:

Clean Shaven | 1-2 day beard growth | 2+ days beard growth | Moustache | Dentures Absent

Facial Scar | Glasses | None | Other (please note in comments)

Comments:

Fit Checks

Negative Pressure Pass Fail Not done **Postive Pressure** Pass Fail Not done

Fit Testing

Quantiative Fit Factor:

Qualitative Media Used: Bitrex Isoamyl Acetate Irritant Smoke Pass Fail

Acknowledgement

Employee Signature:	Mark Jean-Baptiste		
Test Conducted By:	Richard Smith	Date	1/3/11

ENVIRONMENTAL

Respirator Fit Test Record

Date: 6/8/2011

ENTERED
KLS 06.09.11

Employee:	Alee Peralta
Title:	Field tech
Job Description:	

TEI Office:

Somerville | Lowell | Westminster | Portland | Baltimore | Stafford | Astoria

Respiratory Protection Device

Air Purifying Respirator	Manufacturer/Model	North 7600SA	Size	M/L
Notes:				
SCBA	Manufacturer/Model		Size	
Notes:				
SAR	Manufacturer/Model		Size	
Notes:				
Dust Mask (N95)	Manufacturer/Model		Size	
Notes:				

Conditions which could affect respirator fit:

Clean Shaven | 1-2 day beard growth | 2+ days beard growth | Moustache | Dentures Absent

Facial Scar | Glasses | None | Other (please note in comments)

Comments:

Fit Checks

Negative Pressure: Pass | Fail | Not done

Postive Pressure: Pass | Fail | Not done

Fit Testing

Quantiative | Fit Factor:

Qualitative | Media Used: Bitrex | Isoamyl Acetate | Irritant Smoke

Pass | Fail

Acknowledgement

Employee Signature:		Date	6/8/2011
Test Conducted By:		Date	6/8/2011

APPENDIX C

NOTIFICATION OF ASBESTOS ACTIVITIES TO MASSACHUSETTS STATE AUTHORITIES

10 Middle Street
6th Floor
Bridgeport, CT 06604

203.335.3500 PHONE
203.335.3550 FAX

www.TRCsolutions.com

March 1, 2011

Mr. Andrew Cooney
Massachusetts Department of
Environmental Protection
20 Riverside Drive
Lakeville, Massachusetts 12347

Ms. Avelina Correia
Massachusetts Division of
Occupational Safety
1213 Purchase Street, 2nd Floor
New Bedford, Massachusetts 02740

Re: Request for An Alternative Work Practice Required for the Removal of Asbestos-Containing Wire Insulation Associated with Lighting Fixtures within the New Bedford High School
TRC Project No.: 115058.0720.00003

Dear Mr. Cooney and Ms. Correia:

The New Bedford High School was constructed in 1970 and is a 535,000 square feet (SF) building located at 230 Hathaway Boulevard in New Bedford, Massachusetts. TRC Environmental Corporation (TRC) has been providing environmental consulting services required for the removal of light fixtures with PCB containing ballasts. During the course of preparing the fixture and ballast removal specifications, TRC identified suspect wire insulation associated with the fixtures that was analyzed and identified as an asbestos-containing material (ACM). TRC has identified approximately 40,000 linear feet (LF) of the asbestos-containing wire insulation requiring removal. Up to three (3) insulated wires exist within the conduit. The length of each wire ranges from approximately 6 LF to 25 LF.

The scope of work requires the removal of the light fixtures and wire with associated flexible metal conduit. The intent of the project is to replace PCB contaminated lighting. Being that not all lighting fixtures are being replaced, the following approaches for replacing the lighting and associated asbestos insulated wiring are being proposed:

1. Stand alone lighting fixtures will be disconnected at the junction box and removed intact as a single unit. This will include the flexible conduit that contains the asbestos wire that is located between the fixture and the junction box. New stand alone fixtures will then be installed and wired into the junction boxes.
2. Lighting fixtures that are butted together will be removed by cutting the asbestos insulated wire at either side of the fixture and then removing the fixture. This is required because the asbestos wire runs through the length of these series of fixtures. The cut asbestos wiring that runs to the adjacent fixtures will then be disconnected at the adjacent wire nuts and removed. All asbestos insulated wiring in each series of fixtures will be removed. All asbestos insulated wiring will be adequately wetted prior to being cut.

The asbestos insulated wiring and fixtures will be lowered onto 6 mil thick polyethylene drop cloths where the wire, conduit and lighting fixtures will be wrapped and labeled as both asbestos and PCB waste. TRC's proposed plan will not require the use of negative pressure enclosures. All work will be conducted in regulated areas. TRC proposes to conduct this work without Massachusetts licensed asbestos removal workers. Workers will be required to have sixteen (16) hours of asbestos training when conducting these lighting replacement activities. Wetting of the ACM wire will be required at the exposed areas. Polyethylene drop cloths will be installed beneath the subject wire, conduit and light fixtures. A remote decontamination system will be required.

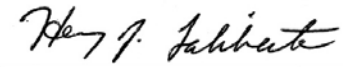
Implementation of this plan requires relief of the procedures outlined in Massachusetts Department of Environmental Protection (MassDEP) 310 CMR 7.15 and Massachusetts Division of Occupational Safety (MassDOS) 453 CMR 6.14. Prior to initiating the abatement work, TRC would collect background air samples in work areas and would prepare a negative exposure assessment for each procedure to determine risk to workers. Post abatement visual inspections will be conducted for each removal area by the on-site project monitor. Sample analysis will be by phase contrast microscopy (PCM). The project monitor will collect air samples in work areas and non regulated areas of the school building on a daily basis. Any air sample with a fiber in air concentration greater than the standard reoccupancy level of 0.01 fibers per cubic centimeter (f/cc) will undergo verification analysis by transmission electron microscopy (TEM) using the NIOSH 7402 Method.

The current scope of work requires the disposal of the asbestos wire/PCB waste at the Wayne EQ Facility in Wayne, Michigan. Contractors have not been selected for this work which is scheduled to be conducted during the summer vacation of 2011.

Attached are photos of the wiring, conduit and fixtures. I can be contacted in the office at (860) 298-6266, by cell phone at (860) 798-5689 or by e-mail at hlaliberte@trcolutions.com.

Sincerely,

TRC ENVIRONMENTAL CORPORATION



Henry J. Laliberte
MA Asbestos Project Designer No. AD074324
MA Asbestos Management Planner No. AP070956

Mulhall, John (Lowell,MA-US)

From: Laliberte, Henry (Windsor, CT-US)
Sent: Wednesday, March 09, 2011 11:04 AM
To: Sullivan, Dave (Lowell,MA-US); Mulhall, John (Lowell,MA-US); Manna, Paul (Boston,MA-US); Plimpton, Erik (Windsor,CT-US); Beeler, Malcolm; Mark X. Chudy
Subject: FW: New Bedford High School - Asbestos Insulated Wire Removal Plan

We have MADEP approval for our asbestos wire insulation removal plan (see below). I was verbally informed by Avelina Correia (MADOS) that they do not have to approve a plan since the work is intact non friable removal (see 453 CMR 6.13 (2)(a)5). She had discussed the plan with her supervisor Brian Wong. I do not know if MADOS will respond in writing. I did e-mail Brian Wong and ask him for a response.

From: Cooney, Andrew (DEP) [mailto:Andrew.Cooney@state.ma.us]
Sent: Wednesday, March 09, 2011 10:28 AM
To: Laliberte, Henry (Windsor, CT-US)
Cc: Correia, Avelina (DOL); Danny Romanowicz
Subject: RE: New Bedford High School - Asbestos Insulated Wire Removal Plan

Mr. Laliberte,

I've had a chance to review the attached scope of work and associated photos requesting approval of alternative work practices to remove asbestos containing wiring insulation in the light fixtures at the New Bedford High School site in the City of New Bedford located at 230 Hathaway Boulevard. The proposed alternative work practice to conduct the abatement without sealing the work space and using negative air filtration devises is acceptable as long as the wiring remains non-friable and not deteriorated to the point where the wiring insulation becomes brittle or able to be crushed under hand pressure to form a dust. Also, all perimeter air monitoring, as proposed, must be performed before, during and after the abatement work is conducted in accordance with all federal, state and local asbestos and air quality regulations.

If you have any further questions please contact me.

Thank you,

Andrew

Andrew Cooney
Environmental Analyst/Asbestos Inspector
Commonwealth of Massachusetts
Department of Environmental Protection (MassDEP)
Bureau of Waste Prevention
20 Riverside Drive
Lakeville, MA 02347
(P)508-946-2844 (F)508-946-2865
andrew.cooney@state.ma.us

From: Laliberte, Henry (Windsor, CT-US) [mailto:HLaliberte@trcsolutions.com]
Sent: Tuesday, March 01, 2011 2:31 PM
To: Andrew Cooney (andrew.cooney@state.ma.us); Avelina Correia (avelina.correia@state.ma.us)
Subject: New Bedford High School - Asbestos Insulated Wire Removal Plan

TRC Environmental Corporation is preparing lighting replacement specifications for the New Bedford High School located at 230 Hathaway Boulevard in New Bedford, MA. The plans and specifications are due on 3/16/11. Asbestos insulated wiring leads from the junction boxes through the fixtures. Fixtures are also contaminated with PCB oil from ballasts. TRC has prepared the attached alternative work practice for removing the wiring intact. Work would be conducted by 16 hour trained workers. I have attached photos of the wiring and fixtures. The project is scheduled for this summer. We are hoping that you will be able to review this plan soon since the project manual is being finalized and work will be advertised soon. We can schedule a site visit that can meet your schedules. My direct number at work is [redacted] My cell number is best and it's [redacted] Thank you for your assistance.

APPENDIX D

ASBESTOS AIR SAMPLE ANALYSIS REPORTS

TRC
21 Griffin Road North
Windsor, CT 06095
860-298-9692

Edition: September 2009
Supersedes Previous Edition

AIR SAMPLE ANALYSIS REPORT

Project No.: 115058-0720-03 Date: 6/29/11 Page 1 of 3

Client: City of New Bedford
Site: New Bedford H.S.
Address: 230 Hathaway Blvd
New Bedford, MA

Sampler Print: Tom Martin Signature: Tom Martin Date: 6/29/11
Analyst Print: T. Martin Signature: T. Martin Date Analyzed: 6/30/11
QC Analyst Print: T. Martin / KW Signature: T. Martin Date Analyzed: 6/30/11
Lab Supervisor Print: KW Williamson Signature: K. Williamson Date Issued: 8/18/11

Contact/Name: _____ Phone: _____ Rotometer No.: H-3 Date of Calibration: 5/2/11 Lab No. 39611

Microscope No. 213374 Received in Lab for Analysis: ☐ QC Only: ☒

Sample Type: PCM ☒ TEM ☐ Other: _____ Analysis Method: NIOSH 7400 ☒ Issue 2 8/15/94 A rules AHERA ☐ Other: _____

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.369	0.608
20.5 to 50/100	0.296	0.502
>50/100	0.205	0.454

Sample No.	1	2	3	4	5	6	7
Sampling Location/Comments	1st FL o/s B112 Receiving	Kitchen	Tan Hse hallway	Grn Hse Food service Area	Grn Hse cafeteria	2nd FL Blue Hse, o/s A-207-4	Tan Hse, I/s rm A-212-3
Type of Sample	1	1	1	1	1	1	1
Pump Number							
Start Time/Stop Time	0835 0957	0844 1005	0849 1009	0855 1015	0907 1027	1034 1157	1039 1201
Total Time (min)	82	81	80	80	80	83	82
Flow Rate	15.0 15.0	15.0 15.0	15.0 15.0	15.0 15.0	15.0 15.0	15.0 15.0	15.0 15.0
Total Volume (l)	1230	1215 ~~214~~	1200	1200	1200	1245	1230
FB — BFB / FL — BFL	4/100	2/100	2/100	3/100	0/100	0/100	0/100
Filter Fiber Conc. (fibers/mm²)	5.1	2.5	2.5	3.8	⊖	⊖	⊖
Airborne Fiber Conc. (fibers/cc)	ND<0.002	ND<0.002	ND<0.002	ND<0.002	ND<0.002	ND<0.002	ND<0.002

STANDARDS
<0.01 f/cc – EPA Re–Occupancy Clearance Criteria
0.10 f/cc – OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc – OSHA 30 min Excursion Level
ND< – Non Detected, less than the limit of detection
Limit of Detection – 5.5 fibers/100 fields

Relinquished by: Tom Martin Date 8/17/11 Time _____
Received By: K. Williamson Date 8/17/11 Time 1400
Relinquished by: _____ Date _____ Time _____
Received by Laboratory: _____ Date _____ Time _____

TRC Laboratory Asbestos Analytical Certifications:
CT#PH-0426 MA#AA000052 NY#10980 RI#AAL-007C3
ME#LB-0071 VA#3333000283 TX#300354 VT#AL014538
AIHA/PAT#100122

Condition of Sample: OK
Acceptable: Y ✓ N _____
Comments: _____

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab
4	1/100	TM 6/29/11	

Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

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AIR SAMPLE ANALYSIS REPORT

Project No.: 115058-0720-03 Date: 6/29/11 Page 2 of 3

Client: City of New Bedford
Site: New Bedford H.S.
Address: 230 Hathaway Blvd
New Bedford MA

Sampler Print: T. Martin Signature: [signature] Date: 6/29/11
Analyst Print: T. Martin Signature: [signature] Date Analyzed: 6/29/11
QC Analyst Print: T. Martin / KW Signature: [signature] Date Analyzed: 6/29/11
Lab Supervisor Print: K Williamson Signature: K. Williamson ~~Issued:~~

Contact/Name: _____ Phone: _____ Rotometer No.: H-3 Date of Calibration: 5/2/11 Lab No. 39611

Microscope No. 213374 Received in Lab for Analysis: ☐ QC Only: ☒

Sample Type: PCM ☒ TEM ☐ Other: _____ Analysis Method: NIOSH 7400 ☒ AHERA ☐ Other: _____
Issue 2 8/15/94 A rules

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.369	0.608
20.5 to 50/100	0.296	0.502
>50/100	0.205	0.454

Sample No.	8	9	10	11	12	13	14
Sampling Location/Comments	2nd FL Gold Hse, I/S rm A-205-2	Green Hse, O/S rm B-231	Auditorium hallway	3rd FL I/S Rm B 363	hallway O/S Rm B-309	Tan hse, O/S rm A-318-3	hallway, O/S rm B-372
Type of Sample	1	1	1	1	1	1	1
Pump Number							
Start Time/Stop Time	1045 / 1205	1054 / 1214	1100 / 1228	1230 / 1350	1233 / 1354	1238 / 1358	1242 / 1402
Total Time (min)	80	80	80	80	81	80	80
Flow Rate	15.0 / 15.0	15.0 / 15.0	15.0 / 15.0	15.0 / 15.0	15.0 / 15.0	15.0 / 15.0	15.0 / 15.0
Total Volume (l)	1200	1200	1200	1200	1215	1200	1200
FB — BFB / FL — BFL	1/100	3/100	4/100	1/100	2/100	0/100	0/100
Filter Fiber Conc. (fibers/mm²)	1.3	3.8	5.1	1.3	2.5	0	0
Airborne Fiber Conc. (fibers/cc)	NDL 0.002	NDL 0.002	NDL 0.002	NDL 0.002	NDL 0.002	NDL 0.002	NDL 0.002

STANDARDS
<0.01 f/cc – EPA Re-Occupancy Clearance Criteria
0.10 f/cc – OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc – OSHA 30 min Excursion Level
ND< – Non Detected, less than the limit of detection
Limit of Detection – 5.5 fibers/100 fields

Relinquished by: [signature] Date 8/17/11 Time _____
Received By: K. Williamson Date 8/17/11 Time 1400
Relinquished by: _____ Date _____ Time _____
Received by Laboratory: _____ Date _____ Time _____

TRC Laboratory Asbestos Analytical Certifications:
CT#PH-0426 MA#AA000052 NY#10980 RI#AAL-007C3
ME#LB-0071 VA#3333000283 TX#300354 VT#AL014538
AIHA/PAT#100122

Condition of Sample: OK
Acceptable: Y ✓ N _____
Comments: _____

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab
8	0/100	TM 6/29/11	
9	4/100	KW 8/24/11	KW

Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

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AIR SAMPLE ANALYSIS REPORT

Project No.: 115058-0720-03 Date: 6/29/11 Page 3 of 3

Client: City of New Bedford
Site: New Bedford Ind
Address: 230 Hathaway Blvd
New Bedford, MA

Sampler Print: T. Martin Signature: [signature] Date: 6/29/11
Analyst Print: T. Martin Signature: [signature] Date Analyzed: 6/29/11
QC Analyst Print: T. Martin / KW Signature: [signature] Date Analyzed: 6/29/11
Lab Supervisor Print: K. Williamson Signature: K. Williamson Date Issued:

Contact/Name: _____ Phone: _____ Rotometer No.: H-3 Date of Calibration: 5/2/11 Lab No. 391611

Microscope No. 213374 Received in Lab for Analysis: ☐ QC Only: ☒

Sample Type: PCM ☒ TEM ☐ Other: _____ Analysis Method: NIOSH 7400 Issue 2 8/15/94 ☒ AHERA ☐ Other: _____
A rules

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.369	0.608
20.5 to 50/100	0.296	0.502
>50/100	0.205	0.454

Sample No.	15	16	17				
Sampling Location/Comments	3rd FL 0/3 rm A-310-1	F.B.	F.B.				
Type of Sample	1						
Pump Number							
Start Time/Stop Time	1247 / 1407						
Total Time (min)	80						
Flow Rate	15.0 / 15.0						
Total Volume (l)	1200						
FB / BFB FL / BFL	1/100	0/100	0/102				
Filter Fiber Conc. (fibers/mm²)	1.3 ✓	—	—				
Airborne Fiber Conc. (fibers/cc)	ND<0.007	—	—				

STANDARDS
<0.01 f/cc – EPA Re-Occupancy Clearance Criteria
0.10 f/cc – OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc – OSHA 30 min Excursion Level
ND< – Non Detected, less than the limit of detection
Limit of Detection – 5.5 fibers/100 fields

Relinquished by: [signature] Date 8/17/11 Time _____
Received By: K. Williamson Date 8/17/11 Time 1400
Relinquished by: _____ Date _____ Time _____
Received by Laboratory: _____ Date _____ Time _____

TRC Laboratory Asbestos Analytical Certifications:
CT#PH-0426 MA#AA000052 NY#10980 RI#AAL-007C3
ME#LB-0071 VA#3333000283 TX#300354 VT#AL014538
AIHA/PAT#100122

Condition of Sample: OK
Acceptable: Y ✓ N _____
Comments: _____

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab
15	0/100	KW 6/29/11	

Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

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Supersedes Previous Edition

AIR SAMPLE ANALYSIS REPORT

Project No.: 115058-0820-04 Date: 7/1/11 Page 1 of 1

Client: City of New Bedford Sampler Print: Tom Morton/Joe Cooney Signature: [illegible] Date: 7/1/11

Site: New Bedford High Sch Analyst Print: Joseph Cooney Signature: Joseph Cooney Date Analyzed: 7/1/11

Address: 230 Hathaway Blvd QC Analyst Print: T. Morton / KW Signature: [illegible] Date Analyzed: 7/1/11

New Bedford, MA Lab Supervisor Print: K Williamson Signature: K. Williamson Date Issued:

Contact/Name: _____ Phone: _____ Rotometer No.: L-19 Date of Calibration: 5/2/11 Lab No. 39611

Microscope No. 213374 Received in Lab for Analysis: ☐ QC Only: ☒

Sample Type: PCM ☒ TEM ☐ Other: _____ Analysis Method: NIOSH 7400 ☒ AHERA ☐ Other: _____
Issue 2 8/15/94 A rules

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Relative Standard Deviation (Sr)

Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.369	0.608
20.5 to 50/100	0.296	0.502
>50/100	0.205	0.454

Sample No.	18		19		20		21		22					
Sampling Location/Comments	Green HSE 3rd FL entrance to hallway		Rm A-318-1		O/S Rm A-310-1		FB		FB					
Type of Sample	4		4		4									
Pump Number														
Start Time/Stop Time	1028	1301	1029	1302	1031	1303								
Total Time (min)	153		153		152									
Flow Rate	3.0	3.0	3.0	3.0	3.0	3.0								
Total Volume (l)	459		459		456									
FB — BFB / FL — BFL	0/100		0/100		0/100		0/100		0/100					
Filter Fiber Conc. (fibers/mm²)	—		—		—		—		—					
Airborne Fiber Conc. (fibers/cc)	ND<0.006		ND<0.006		ND<0.006		—		—					

STANDARDS
<0.01 f/cc – EPA Re-Occupancy Clearance Criteria
0.10 f/cc – OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc – OSHA 30 min Excursion Level
ND< – Non Detected, less than the limit of detection
Limit of Detection – 5.5 fibers/100 fields

Relinquished by: [illegible] Date 8/17/11 Time _____
Received By: K Williamson Date 8/17/11 Time 1400
Relinquished by: _____ Date _____ Time _____
Received by Laboratory: _____ Date _____ Time _____

TRC Laboratory Asbestos Analytical Certifications:
CT#PH-0426 MA#AA000052 NY#10980 RI#AAL-007C3
ME#LB-0071 VA#3333000283 TX#300354 VT#AL014538
AIHA/PAT#100122

Condition of Sample: OK
Acceptable: Y ✓ N _____
Comments: _____

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab
20	0/100	KW 7/1/11	

Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

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AIR SAMPLE ANALYSIS REPORT

Project No.: 115058-0820-04 Date: 7/5/11 Page 1 of 2

Client: City of New Bedford Sampler Print: T. Martin/J. Cooney Signature: [illegible] Date: 7/5/11

Site: New Bedford High Sch Analyst Print: Joseph Cooney Signature: Joseph Cooney Date Analyzed: 7-6-11

Address: 230 Hathaway Blvd QC Analyst Print: K Williamson Signature: K Williamson Date Analyzed: 8/18/11

New Bedford, MA Lab Supervisor Print: K Williamson Signature: K. Williamson Date Issued:

Contact/Name: _____ Phone: _____ Rotometer No.: H-3/L-16 Date of Calibration: 5/2/11 Lab No. 39611

Microscope No. _____ Received in Lab for Analysis: ☐ QC Only: ☒

Sample Type: PCM ☒ TEM ☐ Other: _____ Analysis Method: NIOSH 7400 ☒ AHERA ☐ Other: _____
Issue 2 8/15/94 A rules

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.369	0.608
20.5 to 50/100	0.296	0.502
>50/100	0.205	0.454

Sample No.	23		24		25		26		27		28		29	
Sampling Location/Comments	BZA-30min ave Jeff Dollfuss (SS# 9689)		BZA-J. Dollfuss (Durational)		3rd fl-Green Hse Rm A-308-1		Rm A-309-1		Rm A-310-1		hallway o/s Rm A-310-1		hallway o/s Rm A-318-1	
Type of Sample	5		5		4		4		4		4		4	
Pump Number														
Start Time/Stop Time	1300	1330	1330	1532	1305	1432	1307	1542	1435	1543	0840	1545	0845	1541
Total Time (min)	30		122		87		155		68		425		416	
Flow Rate	3.0	3.0	3.0	3.0	15.0	15.0	15.0	15.0	15.0	15.0	3.0	3.0	2.5	2.5
Total Volume (l)	90		366		1305		2325		1020		1275		1040	
FB — BFB / FL — BFL	0/100		8/100		2/100		12/100		1/100		0/100		0/100	
Filter Fiber Conc. (fibers/mm²)	0		10.2		2.5		15.3		1.3		0		0	
Airborne Fiber Conc. (fibers/cc)	ND<0.030	✓	0.011	✓	ND<0.002	✓	0.003	✓	ND<0.003	✓	ND<0.002	✓	ND<0.003	✓

STANDARDS
<0.01 f/cc – EPA Re–Occupancy Clearance Criteria
0.10 f/cc – OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc – OSHA 30 min Excursion Level
ND< – Non Detected, less than the limit of detection
Limit of Detection – 5.5 fibers/100 fields

Relinquished by: [illegible] Date 8/17/11 Time _____
Received By: K Williamson Date 8/17/11 Time 1400
Relinquished by: _____ Date _____ Time _____
Received by Laboratory: _____ Date _____ Time _____

TRC Laboratory Asbestos Analytical Certifications:
CT#PH-0426 MA#AA000052 NY#10980 RI#AAL-007C3
ME#LB-0071 VA#3333000283 TX#300354 VT#AL014538
AIHA/PAT#100122

Condition of Sample: ok
Acceptable: Y ✓ N _____
Comments: _____

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab
25	1/100	KW 8/26/11	lab

Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

TRC
21 Griffin Road North
Windsor, CT 06095
860-298-9692

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AIR SAMPLE ANALYSIS REPORT

Project No.: 115058-0820-04 Date: 7/5/11 Page 2 of 2

Client: City of New Bedford Sampler Print: T. Martin/J. Cooney Signature: [illegible] Date: 7/5/11

Site: New Bedford H.S. Analyst Print: Joseph P Cooney Signature: Joseph Cooney Date Analyzed: 7-6-11

Address: QC Analyst Print: K Williamson Signature: [illegible] Date Analyzed:

New Bedford, MA Lab Supervisor Print: K Williamson Signature: K. Williamson Date Issued:

Contact/Name: Phone: Rotometer No.: H-3/L-16 Date of Calibration: 5/2/11 Lab No. 391611

Microscope No. Received in Lab for Analysis: ☐ QC Only: ☒

Sample Type: PCM ☒ TEM ☐ Other: Analysis Method: NIOSH 7400 ☒ Issue 2 8/15/94 AHERA ☐ A rules Other:

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.369	0.608
20.5 to 50/100	0.296	0.502
>50/100	0.205	0.454

Sample No.	30	31	32	33	34		
Sampling Location/Comments	3rd-Grn Hse hallway d/s Rm B-320	F.B.	F.B.				
Type of Sample	4						
Pump Number							
Start Time/Stop Time	0847 / 1535						
Total Time (min)	411						
Flow Rate	3.0 / 3.0						
Total Volume (l)	1233						
FB — BFB / FL — BFL	0/100	0/100	0/100				
Filter Fiber Conc. (fibers/mm²)	0	—	—				
Airborne Fiber Conc. (fibers/cc)	ND<0.002	—	—				

STANDARDS
<0.01 f/cc – EPA Re-Occupancy Clearance Criteria
0.10 f/cc – OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc – OSHA 30 min Excursion Level
ND< – Non Detected, less than the limit of detection
Limit of Detection – 5.5 fibers/100 fields

Relinquished by: [illegible] Date 8/17/11 Time
Received By: K Williamson Date 8/17/11 Time 1400
Relinquished by: Date Time
Received by Laboratory: Date Time

TRC Laboratory Asbestos Analytical Certifications:
CT#PH-0426 MA#AA000052 NY#10980 RI#AAL-007C3
ME#LB-0071 VA#3333000283 TX#300354 VT#AL014538
AIHA/PAT#100122

Condition of Sample: OK
Acceptable: Y ✓ N
Comments:

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab

Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

TRC
21 Griffin Road North
Windsor, CT 06095
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Edition: September 2009
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AIR SAMPLE ANALYSIS REPORT

Project No.: 115058-0820-04 Date: 7/6/11 Page 1 of 2

Client: City of New Bedford Sampler Print: T. Martin/J. Cooney Signature: [signature] Date: 7/6/11

Site: New Bedford High School Analyst Print: T. Martin Signature: [signature] Date Analyzed: 7/7/11

Address: 230 Rockdale Blvd QC Analyst Print: T. Martin / KW Signature: [signature] Date Analyzed: 7/7/11

New Bedford, MA Lab Supervisor Print: KW Williamson Signature: K. Williamson Date Issued:

Contact/Name: _____ Phone: _____ Rotometer No.: L-16/H-3 Date of Calibration: 5/2/11 Lab No. 39611

Microscope No. 213374 Received in Lab for Analysis: ☒ QC Only: ☒

Sample Type: PCM ☒ TEM ☐ Other: _____ Analysis Method: NIOSH 7400 ☒ AHERA ☐ Other: _____
Issue 2 8/15/94 A rules

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.369	0.608
20.5 to 50/100	0.296	0.502
>50/100	0.205	0.454

Sample No.	33		34		35		36		37		38		39	
Sampling Location/Comments	BZA - ~~30 min exc~~ Jason Percival (SS#2741)		BZA - J. Percival (~~30 min exc~~) (30 min exc)		Green Hse - 3rd FL O/S Rm A-310-1		3rd FL O/S Rm A-318-1		hallway, O/S Rm B-320		Rm A-310-1		Rm A-311-1	
Type of Sample	5		5		4		4		4		4		4	
Pump Number														
Start Time/Stop Time	0825	1438	1438	1508	0826	1510	0828	1511	0835	1512	0829	1020	0831	1032
Total Time (min)	373		30		404		403		397		111		121	
Flow Rate	3.0	3.0	3.0	3.0	3.0	3.0	2.5	2.5	3.0	3.0	1.50	1.50	1.50	1.50
Total Volume (l)	1,119		90		1212		1007.5		1191		1665		1815	
FB — BFB / FL BFL	10/100		2/100		2/100		8/100		2/100		5/100		23/100	
Filter Fiber Conc. (fibers/mm²)	12.7		2.5		2.5		10.2		2.5		6.4		29.3	
Airborne Fiber Conc. (fibers/cc)	0.004 ✓		ND<0.030 ✓		ND<0.002 ✓		0.004 ✓		ND<0.002		ND<0.002 ✓		0.0006 ✓	

STANDARDS
<0.01 f/cc – EPA Re–Occupancy Clearance Criteria
0.10 f/cc – OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc – OSHA 30 min Excursion Level
ND< – Non Detected, less than the limit of detection
Limit of Detection – 5.5 fibers/100 fields

Relinquished by: [signature] Date 7/7/11 Time _____
Received By: K. Williamson Date 8/17/11 Time 1400
Relinquished by: _____ Date _____ Time _____
Received by Laboratory: _____ Date _____ Time _____

TRC Laboratory Asbestos Analytical Certifications:
CT#PH-0426 MA#AA000052 NY#10980 RI#AAL-007C3
ME#LB-0071 VA#3333000283 TX#300354 VT#AL014538
AIHA/PAT#100122

Condition of Sample: OK
Acceptable: Y ___ N ___
Comments: _____

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab
38	3/100	KW 7/7/11	

Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

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AIR SAMPLE ANALYSIS REPORT

Project No.: 115058-0820-04 Date: 7/6/11 Page 2 of 2

Client: City of New Bedford Sampler Print: T. Martin / J. Cooney Signature: [signature] Date: 7/6/11

Site: New Bedford High School Analyst Print: T. Martin Signature: [signature] Date Analyzed: 7/7/11

Address: 230 Hathaway Blvd QC Analyst Print: T. Martin / KW Signature: [signature] Date Analyzed: 7/7/11

New Bedford, MA Lab Supervisor Print: K. Williamson Signature: K. Williamson Date Issued: 7/18/11

Contact/Name: _____ Phone: _____ Rotometer No.: L-16 / H-3 Date of Calibration: 5/2/11 Lab No. 39611

Microscope No. 213374 Received in Lab for Analysis: ☐ QC Only ☒

Sample Type: PCM ☒ TEM ☐ Other: _____ Analysis Method: NIOSH 7400 ☒ AHERA ☐ Other: _____
Issue 2 8/15/94 A rules

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.369	0.608
20.5 to 50/100	0.296	0.502
>50/100	0.205	0.454

Sample No.	40		41		42		43		44					
Sampling Location/Comments	Grn Hse-3rd FL Rm A-312-1		Rm A-315-1		Rm A-306-1		F.B.		F.B.					
Type of Sample	4		4		4									
Pump Number														
Start Time/Stop Time	0832	1514	1031	1513	1037	1515								
Total Time (min)	402		282		278									
Flow Rate	15.0	15.0	15.0	15.0	15.0	15.0								
Total Volume (l)	6030		4230		4170									
FB — BFB / FL — BFL	22/100		23/100		1/100		0/100		0/100					
Filter Fiber Conc. (fibers/mm²)	28.0		29.3		1.3		—		—					
Airborne Fiber Conc. (fibers/cc)	0.002 ✓		0.003 ✓		ND<0.001 ✓		—		—					

STANDARDS
<0.01 f/cc – EPA Re-Occupancy Clearance Criteria
0.10 f/cc – OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc – OSHA 30 min Excursion Level
ND< – Non Detected, less than the limit of detection
Limit of Detection – 5.5 fibers/100 fields

Relinquished by: [signature] Date 8/17/11 Time _____
Received By: K. Williamson Date 8/18/11 Time 1400
Relinquished by: _____ Date _____ Time _____
Received by Laboratory: _____ Date _____ Time _____

TRC Laboratory Asbestos Analytical Certifications:
CT#PH-0426 MA#AA000052 NY#10980 RI#AAL-007C3
ME#LB-0071 VA#3333000283 TX#300354 VT#AL014538
AIHA/PAT#100122

Condition of Sample: OK
Acceptable: Y ✓ N _____
Comments: _____

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab
40	19/100	KW 7/7/11	
42	0/100	KW 8/26/11	Lab

Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

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AIR SAMPLE ANALYSIS REPORT

Project No.: 115058-0820-04 Date: 7/7/11 Page 1 of 3

Client: City of New Bedford

Site: New Bedford High School

Address: 230 Hathaway BLVD
New Bedford, MA

Sampler Print: T. Mosher/J. Cooney Signature: [illegible] Date: 7/7/11

Analyst Print: Joseph Cooney Signature: Joseph Cooney Date Analyzed: 7-8-11

QC Analyst Print: D. Ryder/KW Signature: D. Ryder Date Analyzed: 7/8/11

Lab Supervisor Print: K. Williamson Signature: K. Williamson Date Issued:

Contact/Name: Phone:

Rotometer No.: L-16/H-3 Date of Calibration: 5/2/11 Lab No. 39611

Microscope No. 213374 Received in Lab for Analysis: ☐ QC Only ☒

Sample Type: PCM ☒ TEM ☐ Other: Analysis Method: NIOSH 7400 ☒ AHERA ☐ Other:
Issue 2 8/15/94 A rules

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.369	0.608
20.5 to 50/100	0.296	0.502
>50/100	0.205	0.454

Sample No.	45	46	47	48	49	50	51
Sampling Location/Comments	Green Hse-3rd FL Rm A-306-1	Hallway @ Rm A-310-1	Rm A-303-1 GRN HS-3rd Flr	2nd Flr hallway @ Rm 1-203	2nd Flr hallway @ Rm 1-225	2nd Flr hallway @ Rm 1-212	2nd Flr Rm 1-210
Type of Sample	4	4	4	4	4	4	4
Pump Number							
Start Time/Stop Time	0830 / 1114	0829 / 1340	0831 / 1116	1000 / 1533	1002 / 1534	1004 / 1535	1029 / 1310
Total Time (min)	166	311	165	333	332	331	161
Flow Rate	15.0 / 15.0	3.0 / 3.0	15.0 / 15.0	3.0 / 3.0	3.0 / 3.0	2.5 / 2.5	15.0 / 15.0
Total Volume (l)	2,490	933	2475	999	996	827.5	2415
FB — BFB / FL — BFL	1/100	0/100	2/100	0/100	0/100	0/100	2/100
Filter Fiber Conc. (fibers/mm²)	1.3 ✓	~~0/100~~	2.54 ✓	~~0/100~~ 0	~~0/100~~ 0	~~0/100~~ 0	2.5 ✓
Airborne Fiber Conc. (fibers/cc)	ND < .001	ND < ~~0/100~~ 0.003	ND < .001 ✓	ND < ~~0/100~~ 0.003	ND < ~~0/100~~ 0.003	ND < ~~0/100~~ 0.003	ND < 0.001 ✓

STANDARDS
<0.01 f/cc – EPA Re–Occupancy Clearance Criteria
0.10 f/cc – OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc – OSHA 30 min Excursion Level
ND< – Non Detected, less than the limit of detection
Limit of Detection – 5.5 fibers/100 fields

Relinquished by: D. Ryder Date 7/7/11 Time
Received By: K. Williamson Date 8/17/11 Time 1400
Relinquished by: Date Time
Received by Laboratory: Date Time

TRC Laboratory Asbestos Analytical Certifications:
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ME#LB-0071 VA#3333000283 TX#300354 VT#AL014538
AIHA/PAT#100122

Condition of Sample: OK
Acceptable: Y ✓ N
Comments:

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab
48	1/100	DR 7/8/11	F

Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

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AIR SAMPLE ANALYSIS REPORT

Project No.: 115058-0820-04 Date: 7-7-11 Page 2 of 3

Client: City of New Bedford
Site: New Bedford High School
Address: 230 Hathaway Blvd. New Bedford, MA

Sampler Print: T. Martin / J. Cooney Signature: Joseph Cooney Date: 7-7-11
Analyst Print: D. Ryder Signature: D. Ryder Date Analyzed: 7/8/11
QC Analyst Print: D. Ryder KW Signature: D. Ryder Date Analyzed: 7/8/11
Lab Supervisor Print: K. Williams Signature: K. Williams Date Issued:

Contact/Name: Phone:
Rotometer No.: L-16 / H-3 Date of Calibration: 5-2-11 Lab No. 39611
Microscope No. 213374 Received in Lab for Analysis: ☐ QC Only: ☒

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.369	0.608
20.5 to 50/100	0.296	0.502
>50/100	0.205	0.454

Sample Type: PCM ☒ TEM ☐ Other: Analysis Method: NIOSH 7400 Issue 2 8/15/94 ☒ AHERA A rules ☐ Other:

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Sample No.	52	53	54	55	56	57	58
Sampling Location/Comments	2ND Flr. Rm 1-205	Greg Dimacale Excursion SS# -	Greg Dimacale TWA SS# -	2ND FLR. Rm 1-203	F/S Rm 1-212	2ND FLR Rm 1-208	Field Blank
Type of Sample	4	5	5	4	4	4	
Pump Number							
Start Time/Stop Time	1121 / 1335	1035 / 1105	1105 / 1536	1127 / 1535	1313 / 1537	1338 / 1539	
Total Time (min)	134	30	271	248	144	~~251~~ 121	
Flow Rate	15.0 / 15.0	2.5 / 2.5	2.5 / 2.5	15.0 / 15.0	15.0 / 15.0	15.0 / 15.0	
Total Volume (l)	2010	75	677.5	3720	2160	1815	
FB — BFB / FL — BFL	2/100	3/100	4/100	3/100	4/100	6/100	0/100
Filter Fiber Conc. (fibers/mm²)	2.5	3.8	5.1	3.8	5.1	7.6	
Airborne Fiber Conc. (fibers/cc)	ND L0.001	ND L0.096	ND L0.004	ND L0.001	ND L0.001	0.002	

STANDARDS
<0.01 f/cc – EPA Re-Occupancy Clearance Criteria
0.10 f/cc – OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc – OSHA 30 min Excursion Level
ND< – Non Detected, less than the limit of detection
Limit of Detection – 5.5 fibers/100 fields

Relinquished by: D. Ryder Date 7/7/11 Time
Received By: K. Williams Date 8/17/11 Time 1400
Relinquished by: Date Time
Received by Laboratory: Date Time

TRC Laboratory Asbestos Analytical Certifications:
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ME#LB-0071 VA#3333000283 TX#300354 VT#AL014538
AIHA/PAT#100122

Condition of Sample: OK
Acceptable: Y ✓ N
Comments:

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab
57	5/100	DR 7/8	+
53	2/100	KW 8/26/11	10%

Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

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AIR SAMPLE ANALYSIS REPORT

Project No.: 115058-0820-04 Date: 7-7-11 Page 3 of 3

Client: City of New Bedford
Site: New Bedford High School
Address: 230 Hathaway New Bedford, MA

Sampler Print: T. Martin / J. Cooney Signature: Joseph Cooney Date: 7-7-11
Analyst Print: D. Ryder Signature: Date Analyzed: 7/8/11
QC Analyst Print: D Ryder IKW Signature: Date Analyzed: 7/8/11
Lab Supervisor Print: K Williamson Signature: K Williamson Date Issued:

Contact/Name: Phone:

Rotometer No.: L-16 / H-3 Date of Calibration: 5-2-11 Lab No. 39611
Microscope No. 213354 Received in Lab for Analysis: ☐ QC Only: ☒

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.369	0.608
20.5 to 50/100	0.296	0.502
>50/100	0.205	0.454

Sample Type: PCM ☒ TEM ☐ Other: Analysis Method: NIOSH 7400 ☒ AHERA ☐ Other:
Issue 2 8/15/94 A rules

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Sample No.	59						
Sampling Location/Comments	Field Blank						
Type of Sample							
Pump Number							
Start Time/Stop Time							
Total Time (min)							
Flow Rate							
Total Volume (l)							
FB __ BFB FL BFL	0/100						
Filter Fiber Conc. (fibers/mm²)	/						
Airborne Fiber Conc. (fibers/cc)							

STANDARDS
<0.01 f/cc – EPA Re-Occupancy Clearance Criteria
0.10 f/cc – OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc – OSHA 30 min Excursion Level
ND< – Non Detected, less than the limit of detection
Limit of Detection – 5.5 fibers/100 fields

Relinquished by: D Ryder Date 7/7/11 Time
Received By: K Williamson Date 8/17/11 Time 1400
Relinquished by: Date Time
Received by Laboratory: Date Time

TRC Laboratory Asbestos Analytical Certifications:
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ME#LB-0071 VA#3333000283 TX#300354 VT#AL014538
AIHA/PAT#100122

Condition of Sample: ok
Acceptable: Y ✓ N
Comments:

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab
59	0/100	DR 7/8/11	L

Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

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AIR SAMPLE ANALYSIS REPORT

Project No.: 115058-0820-04 Date: 7/8/11 Page 1 of 2

Client: City of New Bedford
Site: New Bedford High School
Address: 230 Hathaway BLVD
New Bedford, MA

Contact/Name: _____ Phone: _____

Sampler Print: D. Ryder / J. Cooney Signature: Joseph Cooney Date: 7-8-11
Analyst Print: D Ryder / Joseph Cooney Signature: D Ryder / Joseph Cooney Date Analyzed: 7/8
QC Analyst Print: D Ryder KW Signature: D Ryder Date Analyzed: 7/8
Lab Supervisor Print: K Williamson Signature: K Williamson Date Issued: _____

Rotometer No.: L-16 / H-3 Date of Calibration: 5/2/11 Lab No: 39611
Microscope No. 213374 Received in Lab for Analysis: ☐ QC Only ☒

Sample Type: PCM ☒ TEM ☐ Other: _____ Analysis Method: NIOSH 7400 ☒ AHERA ☐ Other: _____
Issue 2 8/15/94 A rules

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.369	0.608
20.5 to 50/100	0.296	0.502
>50/100	0.205	0.454

Sample No.	60	61	62	63	64	65	66
Sampling Location/Comments	HS 1-2ND Flr. Hallway @ 1-208	HS 1-2ND Flr. Hallway @ 1-225	HS 1-2ND Flr. Hallway @ 1-203	RM 1-209	RM 1-214	RM 1-226	Hall @ entrance to student Dining Rm
Type of Sample	4	4	4	4	4	4	
Pump Number							
Start Time/Stop Time	0800 / 1449	0802 / 1447	0804 / 1445	0807 / 1118	0809 / 1116	1139 / 1455	1200 / 1500
Total Time (min)	409	405	401	191	187	196	180
Flow Rate	3.0 / 3.0	3.0 / 3.0	3.0 / 3.0	15.0 / 15.0	15.0 / 15.0	15.0 / 15.0	2.5 / 2.5
Total Volume (l)	1227	1215	1203	2865	2805	2940	450
FB — BFB / FL BFL	0/100	0/100	10/100	2/100	0/100	0/100	3/100
Filter Fiber Conc. (fibers/mm²)	~~0/100~~ 0	~~0/100~~ 0	12.23	2.44	~~0/100~~ 0	~~0/100~~ 0	3.8
Airborne Fiber Conc. (fibers/cc)	~~0/100~~ nd < 0.002	~~0/100~~ nd < 0.002	.004	ND< 0.001	~~0/100~~ nd < 0.001	~~0/100~~ nd < 0.001	ND< 0.006

STANDARDS
<0.01 f/cc – EPA Re-Occupancy Clearance Criteria
0.10 f/cc – OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc – OSHA 30 min Excursion Level
ND< – Non Detected, less than the limit of detection
Limit of Detection – 5.5 fibers/100 fields

Relinquished by: D Ryder Date 7/8/11 Time _____
Received By: K Williamson Date 8/17/11 Time 1400
Relinquished by: _____ Date _____ Time _____
Received by Laboratory: _____ Date _____ Time _____

TRC Laboratory Asbestos Analytical Certifications:
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ME#LB-0071 VA#3333000283 TX#300354 VT#AL014538
AIHA/PAT#100122

Condition of Sample: OK
Acceptable: Y ✓ N _____
Comments: _____

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab
66	4/100	DR 7/8/11	F

Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

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AIR SAMPLE ANALYSIS REPORT

Project No.: 115058.0820.04 Date: 7/8/11 Page 2 of 2

Client: City of New Bedford Sampler Print: D. Ryder / J Conway Signature: [illegible] Date:

Site: NBHS Analyst Print: D Ryder Signature: D Ryder Date Analyzed: 7/8

Address: 230 Hathaway Blvd New Bedford MA QC Analyst Print: D Ryder / KW Signature: D Ryder Date Analyzed: 7/8

Lab Supervisor Print: K Williamson Signature: K Williamson Date Issued:

Contact/Name: Phone: Rotometer No.: L-16 Date of Calibration: 5/2/11 Lab No. 39611

Microscope No. 213324 Received in Lab for Analysis: ☐ QC Only: ☒

Sample Type: PCM ☒ TEM ☐ Other: Analysis Method: NIOSH 7400 Issue 2 8/15/94 ☒ AHERA A rules ☐ Other:

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.369	0.608
20.5 to 50/100	0.296	0.502
>50/100	0.205	0.454

Sample No.	67	68	69	70			
Sampling Location/Comments	A-103-1 Student Dining Rm	1st floor corridor A-106-1 near A-111-1	Field Blank	Field Blank			
Type of Sample	L	L					
Pump Number							
Start Time/Stop Time	1201 / 1501	1202 / 1502					
Total Time (min)	180	180					
Flow Rate	2.5 / ~~2.0~~	2.5 / 2.1					
Total Volume (l)	450	450					
FB ___ BFB / FL BFL	4/100	3/100	0/100	0/100			
Filter Fiber Conc. (fibers/mm²)	5.1	3.8	~~0/100~~	~~0/100~~			
Airborne Fiber Conc. (fibers/cc)	ND < 0.006	ND < 0.006	—	—			

STANDARDS
<0.01 f/cc – EPA Re-Occupancy Clearance Criteria
0.10 f/cc – OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc – OSHA 30 min Excursion Level
ND< – Non Detected, less than the limit of detection
Limit of Detection – 5.5 fibers/100 fields

Relinquished by: D Ryder Date 7/8/11 Time
Received By: K Williamson Date 8/17/11 Time 1400
Relinquished by: Date Time
Received by Laboratory: Date Time

TRC Laboratory Asbestos Analytical Certifications:
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ME#LB-0071 VA#3333000283 TX#300354 VT#AL014538
AIHA/PAT#100122

Condition of Sample: ok
Acceptable: Y ✓ N
Comments:

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab
67	4/100	DR 7/8/11	[illegible]
68	2/100	KW 8/26/11	[illegible]

Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

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AIR SAMPLE ANALYSIS REPORT

Project No.: 115058.0820.04 Date: 7/9/11 Page 1 of 2

Client: City of New Bedford
Sampler Print: J. Cooney / A. Grondin Signature: Joseph Cooney Date: 7-9-11
Site: NBHS
Analyst Print: Joseph Cooney Signature: Joseph Cooney Date Analyzed: 7-11-11
Address: 230 Hathaway Blvd
New Bedford MA
QC Analyst Print: D. Ryder / KW Signature: D. Ryder Date Analyzed: 7/11/11
Lab Supervisor Print: KW Williamson Signature: K Williamson Date Issued:

Contact/Name: _____ Phone: _____
Rotometer No.: L-16 / H3 Date of Calibration: 5/2/11 Lab No. 39611
Microscope No. 213374 Received in Lab for Analysis: ☐ QC Only: ☒

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.369	0.608
20.5 to 50/100	0.296	0.502
>50/100	0.205	0.454

Sample Type: PCM ☒ TEM ☐ Other: _____ Analysis Method: NIOSH 7400 Issue 2 8/15/94 ☒ AHERA A rules ☐ Other: _____

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Sample No.	71		72		73		74		75		76		77	
Sampling Location/Comments	O/S A-113-1 Hallway Green Wing		O/S A-112-1 Hallway Green Wing		I/S A-111-1 Center of wall adjacent to entrance		I/S A-112-1 center of wall perpendicular to entrance		I/S A-114-1 center of wall adjacent to entrance		I/S A-115-1 center of wall Adjacent to entrance		I/S A-116-1 center of wall Adjacent to entrance	
Type of Sample	4		4		4		4		4		4		4	
Pump Number														
Start Time/Stop Time	0800	1420	0801	1421	0804	0941	0805	0945	0958	1133	1001	1135	1157	1412
Total Time (min)	380		380		97		100		95		94		135	
Flow Rate	3	3	3	3	15	15	15	15	15	15	15	15	15	15
Total Volume (l)	1140		1140		1455		1500		1425		1410		2025	
FB — BFB / FL — BFL	0/100		1/100		8/100		4/100		2/100		5/100		3/100	
Filter Fiber Conc. (fibers/mm²)	~~0/100~~ 0		1.22		9.79		4.89		2.44		~~6.11~~ 6.11		3.67	
Airborne Fiber Conc. (fibers/cc)	~~0/100~~ nd< 0.002		ND < .002		.0023		ND < .0012		ND < .0012		ND < .0012		ND < .001	

STANDARDS
<0.01 f/cc – EPA Re-Occupancy Clearance Criteria
0.10 f/cc – OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc – OSHA 30 min Excursion Level
ND< – Non Detected, less than the limit of detection
Limit of Detection – 5.5 fibers/100 fields

Relinquished by: Joseph Cooney Date 7-11-11 Time _____
Received By: D. Ryder Date 7/11/11 Time _____
Relinquished by: D. Ryder Date _____ Time _____
Received by Laboratory: K. Williamson Date 8/17/11 Time 1400

TRC Laboratory Asbestos Analytical Certifications:
CT#PH-0426 MA#AA000052 NY#10980 RI#AAL-007C3
ME#LB-0071 VA#3333000283 TX#300354 VT#AL014538
AIHA/PAT#100122

Condition of Sample: OK
Acceptable: Y ✓ N _____
Comments: _____

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab
76	5/100	DR 7/11/11	+

Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

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AIR SAMPLE ANALYSIS REPORT

Project No.: 115058.0820.04 Date: 7/9/11 Page 2 of 2

Client: City of New Bedford
Sampler Print: Joseph Cooney / Tony Grandy Signature: Joseph Cooney Date: 7-9-11
Site: NBHS
Analyst Print: Joseph Cooney Signature: Joseph Cooney Date Analyzed: 7-11-11
Address: 230 Hathaway Blvd New Bedford MA
QC Analyst Print: D. Ryder / KW Signature: D. Ryder Date Analyzed: 7/11/11
Lab Supervisor Print: K. Williamson Signature: K. Williamson Date Issued:

Contact/Name: Phone: Rotometer No.: L-16 / H3 Date of Calibration: 5/2/11 Lab No. 39611

Microscope No. Received in Lab for Analysis: ☐ QC Only: ☒

Sample Type: PCM ☒ TEM ☐ Other: Analysis Method: NIOSH 7400 Issue 2 8/15/94 ☒ AHERA A rules ☐ Other:

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.369	0.608
20.5 to 50/100	0.296	0.502
>50/100	0.205	0.454

Sample No.	78	79	80				
Sampling Location/Comments	I/s A-117-1 center of wall Adjacent to entrance	Field Blank	Field Blank				
Type of Sample	4						
Pump Number							
Start Time/Stop Time	1153 / 1410						
Total Time (min)	137						
Flow Rate	15 / 15						
Total Volume (l)	2055						
FB — BFB / FL — BFL	0/100	0/100	0/100				
Filter Fiber Conc. (fibers/mm²)	~~0/100~~ 0	~~0/100~~	~~0/100~~				
Airborne Fiber Conc. (fibers/cc)	~~0/100~~ nd< 0.001	~~0/100~~	~~0/100~~				

STANDARDS
<0.01 f/cc – EPA Re-Occupancy Clearance Criteria
0.10 f/cc – OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc – OSHA 30 min Excursion Level
ND< – Non Detected, less than the limit of detection
Limit of Detection – 5.5 fibers/100 fields

Relinquished by: Joseph Cooney Date 7-11-11 Time
Received By: K. Williamson Date 8/17/11 Time 1400
Relinquished by: Date Time
Received by Laboratory: Date Time

TRC Laboratory Asbestos Analytical Certifications:
CT#PH-0426 MA#AA000052 NY#10980 RI#AAL-007C3
ME#LB-0071 VA#3333000283 TX#300354 VT#AL014538
AIHA/PAT#100122

Condition of Sample: OK
Acceptable: Y ✓ N
Comments:

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab
78	1/100	DR 7/12/11	Lab
78	0/100	DR 8/26/11	Lab

Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

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AIR SAMPLE ANALYSIS REPORT

Project No.: 115058-0820-04 Date: 7/11/11 Page 1 of 2

Client: City of New Bedford Sampler Print: D. Ryder / J Cooney Signature: D Ryder Date: 7/11

Site: New Bedford High School Analyst Print: D. Ryder / J Cooney Signature: D Ryder Date Analyzed: 7/12

Address: 230 Hathaway BLVD QC Analyst Print: D Ryder Signature: D Ryder Date Analyzed: 7/12

New Bedford, MA Lab Supervisor Print: K Williamson Signature: K Williamson Date Issued:

Contact/Name: _____ Phone: _____ Rotometer No.: L-16 / H-3 Date of Calibration: 5/2/11 Lab No. 39611

Microscope No. 213374 Received in Lab for Analysis: ☐ QC Only ☒

Sample Type: PCM ☒ TEM ☐ Other: _____ Analysis Method: NIOSH 7400 ☒ AHERA ☐ Other: _____
Issue 2 8/15/94 A rules

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.369	0.608
20.5 to 50/100	0.296	0.502
>50/100	0.205	0.454

Sample No.	81		82		83		84		85		86		87	
Sampling Location/Comments	1st floor corehall @ entrance to Greenhouse		1st floor Greenhouse cafeteria seating area		1st floor Greenhouse corridor o/s Rm 1-112		1st floor Greenhouse cafe		3rd floor i/s Rm 1-315		2nd floor i/s Rm 1-208		Gold HS 3RD Flr Hallway @ Rm 2-303	
Type of Sample	4		4		4		4		4		4		4	
Pump Number														
Start Time/Stop Time	0737	1115	0740	1116	0745	1117	0749	1118	0900	1041	0955	1058	1116	1508
Total Time (min)	218		216		212		209		~~61~~ 101		63		232	
Flow Rate	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	3.0	3.0	3.0	3.0	3.0	3.0
Total Volume (l)	545		540		530		522.5		303 / ~~183~~		189		696	
FB — BFB / FL BFL	3/100		2/100		3/100		2/100		0/100		0/100		2/100	
Filter Fiber Conc. (fibers/mm²)	3.8		2.5		3.8		2.5		~~0/100~~ 0		~~0/100~~ 0		2.44	
Airborne Fiber Conc. (fibers/cc)	ND<0.005		ND<0.005		ND<0.005		ND<0.005		~~0/100~~ nd < 0.009		~~0/100~~ nd < 0.014		ND < .0084	

STANDARDS
<0.01 f/cc – EPA Re–Occupancy Clearance Criteria
0.10 f/cc – OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc – OSHA 30 min Excursion Level
ND< – Non Detected, less than the limit of detection
Limit of Detection – 5.5 fibers/100 fields

Relinquished by: D. Ryder Date 7/12/11 Time 0900
Received By: K Williamson Date 8/17/11 Time 1400
Relinquished by: _____ Date _____ Time _____
Received by Laboratory: _____ Date _____ Time _____

TRC Laboratory Asbestos Analytical Certifications:
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ME#LB-0071 VA#3333000283 TX#300354 VT#AL014538
AIHA/PAT#100122

Condition of Sample: OK
Acceptable: Y ✓ N _____
Comments: _____

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab
81	2/100	DR 7/12/11	✓

Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

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AIR SAMPLE ANALYSIS REPORT

Project No.: 115058.0820.04 Date: 7/11/11 Page 2 of 2

Client: City of New Bedford Sampler Print: D. Ryder / J Cerney Signature: D Ryder / Joseph Cerney Date: 7/11/11

Site: New Bedford High School Analyst Print: D Ryder / J Cerney Signature: D Ryder Date Analyzed: 7/12

Address: 230 Hathaway Blvd. New Bedford, MA QC Analyst Print: D Ryder / KW Signature: D Ryder Date Analyzed: 7/12

Lab Supervisor Print: KW Williamson Signature: K Williamson Date Issued:

Contact/Name: Phone: Rotometer No.: L-16 / H-3 Date of Calibration: 5/2/11 Lab No. 39611

Microscope No. 213374 Received in Lab for Analysis: ☐ QC Only: ☑

Sample Type: PCM ☒ TEM ☐ Other: Analysis Method: NIOSH 7400 Issue 2 8/15/94 ☒ A rules AHERA ☐ Other:

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.369	0.608
20.5 to 50/100	0.296	0.502
>50/100	0.205	0.454

Sample No.	88	89	90	91	92	93	94
Sampling Location/Comments	Gold HS 3RD Flr @ Rm 2-319	Gold HS-3RD Flr Hallway @ Rm 2-318	Gold HS-3RD Flr hallway @ Rm 2-309	Gold HS-3RD Flr At rm 2-308	Gold HS-3RD Flr in Rm 2-315	Field Blank	Field Blank
Type of Sample	4	4	4	4	4		
Pump Number							
Start Time/Stop Time	1118 / 1339	1130 / 1510	1132 / 1511	1139 / 1345	1346 / 1512		
Total Time (min)	141	220	219	126	86		
Flow Rate	15.0 / 15.0	3.0 / 3.0	3.0 / 3.0	15.0 / 15.0	15.0 / 15.0		
Total Volume (l)	2115	660	657	1890	1290		
FB — BFB / FL — BFL	6/100	3/100	5/100	4/100	0/100	0/100	0/100
Filter Fiber Conc. (fibers/mm²)	7.6	3.67	6.11	5.1	~~0/100~~ 0		
Airborne Fiber Conc. (fibers/cc)	0.001 ✓	NDL .004 ✓	NDL .004 ✓	NDL 0.001 ✓	~~0/100~~ ndL 0.002 ✓		

STANDARDS
<0.01 f/cc – EPA Re-Occupancy Clearance Criteria
0.10 f/cc – OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc – OSHA 30 min Excursion Level
ND< – Non Detected, less than the limit of detection
Limit of Detection – 5.5 fibers/100 fields

Relinquished by: D. Ryder Date 7/12/11 Time 0900
Received By: K Williamson Date 8/17/11 Time 1400
Relinquished by: Date Time
Received by Laboratory: Date Time

TRC Laboratory Asbestos Analytical Certifications:
CT#PH-0426 MA#AA000052 NY#10980 RI#AAL-007C3
ME#LB-0071 VA#3333000283 TX#300354 VT#AL014538
AIHA/PAT#100122

Condition of Sample: ok
Acceptable: Y ✓ N
Comments:

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab
90	4/100	DR 7/12	f
89	2/100	KW 8/26/11	lab

Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

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AIR SAMPLE ANALYSIS REPORT

Project No.: 115058-0820-04 Date: 7/12/11 Page 1 of 2

Client: City of New Bedford
Site: New Bedford High School
Address: 230 Hathaway BLVD
New Bedford, MA

Sampler Print: D. Ryder / J. Cooney Signature: [illegible] Date: 7/12
Analyst Print: T. Martin / Joseph Cooney Signature: [illegible] Date Analyzed: 7-12-11
QC Analyst Print: T. Martin / KW Signature: [illegible] Date Analyzed: 7/13/11
Lab Supervisor Print: K Williamson Signature: K Williamson Date Issued:

Contact/Name: Phone: Rotometer No.: L-16 / H-3 Date of Calibration: 5/2/11 Lab No. 39611

Microscope No. 213374 Received in Lab for Analysis: ☐ QC Only: ☒

Sample Type: PCM ☒ TEM ☐ Other: Analysis Method: NIOSH 7400 Issue 2 8/15/94 ☒ AHERA A rules ☐ Other:

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.369	0.608
20.5 to 50/100	0.296	0.502
>50/100	0.205	0.454

Sample No.	95	96	97	98	99	100	101
Sampling Location/Comments	Gold HS-3RD Flr. Hallway @ Rm 2-303	Gold HS-3RD Flr Hallway @ Rm 2-304	Gold HS-3RD Flr. Hallway @ Rm 2-306	Gold HS-3RD Flr. Rm-2-310	Gold HS-3RD Flr. Rm-2-308	2nd floor Gold Bldg Entrance locker 2607	Hall Junction locker 2712
Type of Sample	4	4	4	4	4	4	4
Pump Number							
Start Time/Stop Time	0704 / 1014	0707 / 1016	0709 / 1018	0718 / 1020	0723 / 1022	0930 / 1428	0931 / 1430
Total Time (min)	190	189	189	182	179	298	299
Flow Rate	3.0 / 3.0	3.0 / 3.0	3.0 / 3.0	15.0 / 15.0	15.0 / 15.0	2.5 / 2.5	2.5 / 2.5
Total Volume (l)	570	567	567	2730	2685	745	747.5
FB — BFB / FL — BFL	0/100	2/100	0/100	3/100	4/100	6/100	6/100
Filter Fiber Conc. (fibers/mm²)	ND<0/100 0	2.44	ND<0/100 0	3.67	4.89	7.6	7.6
Airborne Fiber Conc. (fibers/cc)	ND<0/100 0.005	ND< .0015	ND<0/100 0.005	ND< .001	ND< .001	0.004	0.004

STANDARDS
<0.01 f/cc – EPA Re–Occupancy Clearance Criteria
0.10 f/cc – OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc – OSHA 30 min Excursion Level
ND< – Non Detected, less than the limit of detection
Limit of Detection – 5.5 fibers/100 fields

Relinquished by: Joseph Cooney Date 7-12-11 Time
Received By: K Williamson Date 8/17/11 Time 1400
Relinquished by: Date Time
Received by Laboratory: Date Time

TRC Laboratory Asbestos Analytical Certifications:
CT#PH-0426 MA#AA000052 NY#10980 RI#AAL-007C3
ME#LB-0071 VA#3333000283 TX#300354 VT#AL014538
AIHA/PAT#100122

Condition of Sample: OK
Acceptable: Y ✓ N
Comments:

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab
100	6/100	TM 7/13/11	

Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

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AIR SAMPLE ANALYSIS REPORT

Project No.: 115058-0820-04 Date: 7/13/11 Page 2 of 2

Client: City of New Bedford
Site: New Bedford High School
Address: 230 Hathaway Blvd
New Bedford, MA

Sampler Print: D. Ryder / J Cooney Signature: Joseph Cooney Date: 7/12/11
Analyst Print: T. Martin Signature: T. Martin Date Analyzed: 7/13/11
QC Analyst Print: T. Martin / KW Signature: T. Martin Date Analyzed: 7/13/11
Lab Supervisor Print: K Williamson Signature: K Williamson Date Issued:

Contact/Name: _____ Phone: _____ Rotometer No.: L-16 / H-3 Date of Calibration: 5/2/11 Lab No. 839611

Microscope No. 213374 Received in Lab for Analysis: ☐ QC Only: ☒

Sample Type: PCM ☒ TEM ☐ Other: _____ Analysis Method: NIOSH 7400 Issue 2 8/15/94 ☒ AHERA A rules ☐ Other: _____

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Relative Standard Deviation (Sr)

Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.369	0.608
20.5 to 50/100	0.296	0.502
>50/100	0.205	0.454

Sample No.	102		103		104		105		106					
Sampling Location/Comments	2nd floor Gold Bldg. 9th class (Hall) R-209-2		Gold-2ND Flr Rm 2-209		Gold-2ND Flr. Rm 2-205		Field Blank		Field Blank					
Type of Sample	4		4		4									
Pump Number														
Start Time/Stop Time	0932	1432	1028	1434	1030	1436								
Total Time (min)	300		246		246									
Flow Rate	2.5	2.5	15.0	15.0	15.0	15.0								
Total Volume (l)	750		3690		3690									
FB — BFB / FL — BFL	4/100		24/100		10/100		0/100		0/100					
Filter Fiber Conc. (fibers/mm²)	5.1		30.6		12.7		—		—					
Airborne Fiber Conc. (fibers/cc)	ND<0.004		0.003		0.001		—		—					

STANDARDS
<0.01 f/cc – EPA Re–Occupancy Clearance Criteria
0.10 f/cc – OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc – OSHA 30 min Excursion Level
ND< – Non Detected, less than the limit of detection
Limit of Detection – 5.5 fibers/100 fields

Relinquished by: Joseph Cooney Date 7-12-11 Time _____
Received By: K Williamson Date 8/17/11 Time 1400
Relinquished by: _____ Date _____ Time _____
Received by Laboratory: _____ Date _____ Time _____

TRC Laboratory Asbestos Analytical Certifications:
CT#PH-0426 MA#AA000052 NY#10980 RI#AAL-007C3
ME#LB-0071 VA#3333000283 TX#300354 VT#AL014538
AIHA/PAT#100122

Condition of Sample: OK
Acceptable: Y ✓ N ____
Comments: _____

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab
104	12/100	TM 7/13/11	
102	5/100	KW 8/26/11	Lab

Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

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AIR SAMPLE ANALYSIS REPORT

Project No.: 115058-0820-04 Date: 7/13/11 Page 1 of 2

Client: City of New Bedford
Site: New Bedford High School
Address: 230 Hathaway BLVD
New Bedford, MA

Sampler Print: Joseph Cooney/T. Martin Signature: Joseph Cooney/T. Martin Date: 7/13/11
Analyst Print: Joseph Cooney Signature: Joseph Cooney Date Analyzed: 7/14/11
QC Analyst Print: K Williamson Signature: K Williamson Date Analyzed: 8/15/11
Lab Supervisor Print: K Williamson Signature: K Williamson Date Issued:

Contact/Name: _____ Phone: _____ Rotometer No.: L-16 / H-3 Date of Calibration: 5/2/11 Lab No. 39611

Microscope No. _____ Received in Lab for Analysis: ☐ QC Only: ☒

Sample Type: PCM ☒ TEM ☐ Other: _____ Analysis Method: NIOSH 7400 ☒ AHERA ☐ Other: _____
Issue 2 8/15/94 A rules

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.369	0.608
20.5 to 50/100	0.296	0.502
>50/100	0.205	0.454

Sample No.	107	108	109	110	111	112	113
Sampling Location/Comments	Gold-2ND Flr. Hallway @ 2-203	Gold Hs-2ND Flr Hallway @ rm 2-208	Gold Hs, 2ND Flr. Hallway @ rm 2-214	Gold Hs., 2ND Flr. Rm 2-227	Green Hs, 2ND Flr. Rm 1-225	Gold HS-1ST Flr. Rm 1-111	Gold HS-1ST Flr Hallway @ Rm 2-105
Type of Sample	4	4	4	4	4	4	4
Pump Number							
Start Time/Stop Time	0728 / 1300	0730 / 1302	0732 / 1305	0735 / 1044	0932 / 1314	1047 / 1438	1100 / 1440
Total Time (min)	332	332	333	189	222	231	220
Flow Rate	2.5 / 2.5	3.0 / 3.0	2.5 / 2.5	15.0 / 15.0	15.0 / 15.00	15.0 / 15.0	3.0 / 3.0
Total Volume (l)	830	996	833	2835	3330	3465	660
FB — BFB / FL — BFL	0/100	1/100	0/100	5/100	2/100	4/100	0/100
Filter Fiber Conc. (fibers/mm²)	0	1.3	0	6.4	2.5	5.1	0
Airborne Fiber Conc. (fibers/cc)	ND<0.003	ND<0.003	ND<0.003	ND<0.001	ND<0.001	ND<0.001	ND<0.004

STANDARDS
<0.01 f/cc – EPA Re–Occupancy Clearance Criteria
0.10 f/cc – OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc – OSHA 30 min Excursion Level
ND< – Non Detected, less than the limit of detection
Limit of Detection – 5.5 fibers/100 fields

Relinquished by: [signature] Date 8/17/11 Time _____
Received By: K Williamson Date 8/17/11 Time 1400
Relinquished by: _____ Date _____ Time _____
Received by Laboratory: _____ Date _____ Time _____

TRC Laboratory Asbestos Analytical Certifications:
CT#PH-0426 MA#AA000052 NY#10980 RI#AAL-007C3
ME#LB-0071 VA#3333000283 TX#300354 VT#AL014538
AIHA/PAT#100122

Condition of Sample: OK
Acceptable: Y ✓ N _____
Comments: _____

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab

Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

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AIR SAMPLE ANALYSIS REPORT

Project No.: 115058-0820-04 Date: 7/13/11 Page 2 of 2

Client: City of New Bedford
Site: New Bedford High School
Address: 230 Hathaway Blvd
New Bedford, MA

Sampler Print: Joseph Cooney/Tmarton Signature: Joseph Cooney/Tmarton Date: 7/13/11
Analyst Print: Joseph Cooney Signature: Joseph Cooney Date Analyzed: 7/14/11
QC Analyst Print: KWilliamson Signature: KWilliamson Date Analyzed: 8/18/11
Lab Supervisor Print: KWilliamson Signature: KWilliamson Date Issued:

Contact/Name: _____ Phone: _____ Rotometer No.: L-16/H-3 Date of Calibration: 5/2/11 Lab No. 39611

Microscope No. 213374 Received in Lab for Analysis: ☐ QC Only: ☒

Sample Type: PCM ☒ TEM ☐ Other: _____ Analysis Method: NIOSH 7400 ☒ AHERA ☐ Other: _____
Issue 2 8/15/94 A rules

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.369	0.608
20.5 to 50/100	0.296	0.502
>50/100	0.205	0.454

Sample No.	114	115	116	117			
Sampling Location/Comments	Gold HS - 1st Flr Hallway @ Rm. 2-113	Gold HS - 1st Flr Rm - 2-112	Field Blank	Field Blank			
Type of Sample	4	4					
Pump Number							
Start Time/Stop Time	1102 / 1445	1316 / 1444					
Total Time (min)	223	88					
Flow Rate	3.0 / 3.0	15.0 / 15.0					
Total Volume (l)	669	1320					
FB — BFB / FL — BFL	0/100	5/100	0/100	0/100			
Filter Fiber Conc. (fibers/mm²)	0	6.4	—	—			
Airborne Fiber Conc. (fibers/cc)	ND<0.004	ND<0.002	—	—			

STANDARDS
<0.01 f/cc – EPA Re-Occupancy Clearance Criteria
0.10 f/cc – OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc – OSHA 30 min Excursion Level
ND< – Non Detected, less than the limit of detection
Limit of Detection – 5.5 fibers/100 fields

Relinquished by: [signature] Date 7/17/11 Time _____
Received By: KWilliamson Date 8/17/11 Time 1400
Relinquished by: _____ Date _____ Time _____
Received by Laboratory: _____ Date _____ Time _____

TRC Laboratory Asbestos Analytical Certifications:
CT#PH-0426 MA#AA000052 NY#10980 RI#AAL-007C3
ME#LB-0071 VA#3333000283 TX#300354 VT#AL014538
AIHA/PAT#100122

Condition of Sample: OK
Acceptable: Y ✓ N _____
Comments: _____

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab

Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

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AIR SAMPLE ANALYSIS REPORT

Project No.: 115058-0820-04 Date: 7/14/11 Page 1 of 2

Client: City of New Bedford Sampler Print: T. Martin/T Cooney Signature: [signature] Date: 7/14/11

Site: New Bedford High School Analyst Print: T. Martin Signature: [signature] Date Analyzed: 7/15/11

Address: 230 Hathaway BLVD QC Analyst Print: T. Martin / KW Signature: [signature] Date Analyzed: 7/15/11

New Bedford, MA Lab Supervisor Print: K Williamson Signature: [signature] Date Issued:

Contact/Name: _____ Phone: _____ Rotometer No.: L-16 / H-3 Date of Calibration: 5/2/11 Lab No. 391611

Microscope No. 213374 Received in Lab for Analysis: ☐ QC Only: ☒

Sample Type: PCM ☒ TEM ☐ Other: _____ Analysis Method: NIOSH 7400 ☒ AHERA ☐ Other: _____
Issue 2 8/15/94 A rules

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.369	0.608
20.5 to 50/100	0.296	0.502
>50/100	0.205	0.454

Sample No.	118		119		120		121		122		123		124	
Sampling Location/Comments	GOLD HS, 1st Flr. Hallway @ Rm 2-113		Gold HS, 1st Flr. Hallway @ Rm 2-105		TAN HS 3rd Flr Hallway @ 3-303		TAN HS-3rd Flr. Hallway @ Rm 3-318		TAN HS-3rd Flr Hallway @ Rm 3-308		TAN HS-3rd Flr. Rm 3-303		TAN HS-3rd Flr. Rm 3-306	
Type of Sample	4		4		4		4		4		4		4	
Pump Number														
Start Time/Stop Time	0705	1112	0707	1110	0956	1427	0958	1429	1000	1433	1003	1429	1010	1431
Total Time (min)	247		243		271		271		273		266		271	
Flow Rate	3.0	3.0	3.0	3.0	2.5	2.5	3.0	3.0	2.5	2.5	15.0	15.0	15.0	15.0
Total Volume (l)	741		729		677.5		813		682.5		3990		4065	
FB — BFB / FL — BFL	7/100		5/100		2/100		6/100		1/100		13/100		31/100	
Filter Fiber Conc. (fibers/mm²)	8.9		6.4		2.5		7.6		1.3		16.6		39.5	
Airborne Fiber Conc. (fibers/cc)	0.005		ND<0.004		ND<0.004		0.004		ND<0.004		0.002		0.004	

STANDARDS
<0.01 f/cc – EPA Re-Occupancy Clearance Criteria
0.10 f/cc – OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc – OSHA 30 min Excursion Level
ND< – Non Detected, less than the limit of detection
Limit of Detection – 5.5 fibers/100 fields

Relinquished by: [signature] Date 8/17/11 Time _____
Received By: [signature] Date 8/17/11 Time 1400
Relinquished by: _____ Date _____ Time _____
Received by Laboratory: _____ Date _____ Time _____

TRC Laboratory Asbestos Analytical Certifications:
CT#PH-0426 MA#AA000052 NY#10980 RI#AAL-007C3
ME#LB-0071 VA#3333000283 TX#300354 VT#AL014538
AIHA/PAT#100122

Condition of Sample: ok
Acceptable: Y ✓ N ____
Comments: _____

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab
121	4/100	[signature] 7/15/11	
120	1/100	[signature] 8/26/11	Lab

Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

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AIR SAMPLE ANALYSIS REPORT

Project No.: 115058-0820-04 Date: 7-14-11 Page 2 of 2

Client: City of New Bedford
Site: New Bedford High School
Address: 230 Hathaway Blvd.
New Bedford, MA

Sampler Print: T. Martin / J. Cooney Signature: [illegible] Date: 7-14-11
Analyst Print: T. Martin Signature: [illegible] Date Analyzed: 7/15/11
QC Analyst Print: K Williamson Signature: K Williamson Date Analyzed:
Lab Supervisor Print: K Williamson Signature: K Williamson Date Issued:

Contact/Name: Phone:
Rotometer No.: L-16 / H-3 Date of Calibration: 5-2-11 Lab No. 39611
Microscope No. 213374 Received in Lab for Analysis: ☐ QC Only: ☑

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.369	0.608
20.5 to 50/100	0.296	0.502
>50/100	0.205	0.454

Sample Type: PCM ☑ TEM ☐ Other: Analysis Method: NIOSH 7400 ☑ AHERA ☐ Other:
Issue 2 8/15/94 A rules
Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Sample No.	125	126					
Sampling Location/Comments	Field Blank	Field Blank					
Type of Sample							
Pump Number							
Start Time/Stop Time							
Total Time (min)							
Flow Rate							
Total Volume (l)							
FB ___ BFB FL BFL	0/100	0/100					
Filter Fiber Conc. (fibers/mm²)	—	—					
Airborne Fiber Conc. (fibers/cc)	—	—					

STANDARDS
<0.01 f/cc – EPA Re-Occupancy Clearance Criteria
0.10 f/cc – OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc – OSHA 30 min Excursion Level
ND< – Non Detected, less than the limit of detection
Limit of Detection – 5.5 fibers/100 fields

Relinquished by: [illegible] Date 8/17/11 Time
Received By: K Williamson Date 8/17/11 Time 1400
Relinquished by: Date Time
Received by Laboratory: Date Time

TRC Laboratory Asbestos Analytical Certifications:
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ME#LB-0071 VA#3333000283 TX#300354 VT#AL014538
AIHA/PAT#100122

Condition of Sample: a
Acceptable: Y ✓ N
Comments:

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab

Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

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AIR SAMPLE ANALYSIS REPORT

Project No.: 115058-0820-04 Date: 7/15/11 Page 1 of 2

Client: City of New Bedford Sampler Print: Tom Martin/Joseph Cooney Signature: Date: 7-15-11

Site: NBHS Analyst Print: T. Martin Signature: Date Analyzed: 7/18/11

Address: 230 Hathaway Blvd QC Analyst Print: T. Martin /KW Signature: Date Analyzed: 7/18/11

New Bedford, MA Lab Supervisor Print: K Williams Signature: Date Issued:

Contact/Name: Phone: Rotometer No.: L-19/H1-3 Date of Calibration: 5/2/11 Lab No. 39611

Microscope No. 213374 Received in Lab for Analysis: ☐ QC Only ☒

Sample Type: PCM ☒ TEM ☐ Other: Analysis Method: NIOSH 7400 ☒ AHERA ☐ Other:
Issue 2 8/15/94 A rules

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.369	0.608
20.5 to 50/100	0.296	0.502
>50/100	0.205	0.454

Sample No.	127	128	129	130	131	132	133
Sampling Location/Comments	Tan Hse-3rd FL Hallway @ 3-306	TAN HS-3RD Flr @ Rm 3-319	Tan HS, 2ND Flr Hallway @ Rm 3-203	TAN HS, 2ND Flr Hallway @ Rm 3-218	Tan Hs-2ND Flr Hallway @ Rm-3-210	Tan HS-2ND Flr RM-203	Field Blank
Type of Sample	4	4	4	4	4	4	4
Pump Number							
Start Time/Stop Time	0658 / 1035	0730 / 1020	0945 / 1305	0947 / 1415	0949 / 1418	0951 / 1440	
Total Time (min)	217	170	200	268	269	289	
Flow Rate	2.5 / 2.5	15.0 / 15.0	3.0 / 1.5	3.0 / 3.0	3.0 / 3.0	15.0 / 15.0	
Total Volume (l)	543	2550	450	804	807	4335	
FB — BFB / FL — BFL	0/100	12/100	4/100	4/100	2/100	12/100	0/100
Filter Fiber Conc. (fibers/mm²)	0	15.3	5.1	5.1	2.5	15.3	—
Airborne Fiber Conc. (fibers/cc)	ND< 0.005	0.002	ND< 0.006	ND< 0.003	ND< 0.003	0.001	—

STANDARDS
<0.01 f/cc – EPA Re–Occupancy Clearance Criteria
0.10 f/cc – OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc – OSHA 30 min Excursion Level
ND< – Non Detected, less than the limit of detection
Limit of Detection – 5.5 fibers/100 fields

Relinquished by: Date 8/17/11 Time
Received By: K Williams Date 8/17/11 Time 1400
Relinquished by: Date Time
Received by Laboratory: Date Time

TRC Laboratory Asbestos Analytical Certifications:
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ME#LB-0071 VA#3333000283 TX#300354 VT#AL014538
AIHA/PAT#100122

Condition of Sample: ok
Acceptable: Y ✓ N
Comments:

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab
131	0/100	DM 7/18/11	
128	10/100	KW 8/26/11	KW

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AIR SAMPLE ANALYSIS REPORT

Project No.: 115058-0820-04 Date: 7-15-11 Page 2 of 2

Client: City of New Bedford Sampler Print: Joseph Cooney Signature: Joseph Cooney Date: 7-15-11

Site: New Bedford High School Analyst Print: T. Martin Signature: T. Martin Date Analyzed: 7/18/11

Address: 230 Hathaway Blvd. QC Analyst Print: T. Martin / KW Signature: T. Martin Date Analyzed: 7/18/11

New Bedford, MA Lab Supervisor Print: K. Williamson Signature: K. Williamson Date Issued:

Contact/Name: _____ Phone: _____ Rotometer No.: L-19 H-3 Date of Calibration: 5/2/11 Lab No. 39611

Microscope No. 213374 Received in Lab for Analysis: ☐ QC Only: ☒

Sample Type: PCM ☒ TEM ☐ Other: _____ Analysis Method: NIOSH 7400 Issue 2 8/15/94 ☒ A rules AHERA ☐ Other: _____

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.369	0.608
20.5 to 50/100	0.296	0.502
>50/100	0.205	0.454

Sample No.	134						
Sampling Location/Comments	Field Blank						
Type of Sample	4						
Pump Number							
Start Time/Stop Time							
Total Time (min)							
Flow Rate							
Total Volume (l)							
FB ___ BFB FL BFL	0/100						
Filter Fiber Conc. (fibers/mm²)	—						
Airborne Fiber Conc. (fibers/cc)	—						

STANDARDS
<0.01 f/cc – EPA Re-Occupancy Clearance Criteria
0.10 f/cc – OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc – OSHA 30 min Excursion Level
ND< – Non Detected, less than the limit of detection
Limit of Detection – 5.5 fibers/100 fields

Relinquished by: Joe [illegible] Date 8/17/11 Time _____
Received By: K. Williamson Date 8/17/11 Time 1400
Relinquished by: _____ Date _____ Time _____
Received by Laboratory: _____ Date _____ Time _____

TRC Laboratory Asbestos Analytical Certifications:
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ME#LB-0071 VA#3333000283 TX#300354 VT#AL014538
AIHA/PAT#100122

Condition of Sample: ok
Acceptable: Y ✓ N ____
Comments: _____

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab

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AIR SAMPLE ANALYSIS REPORT

Project No.: 115058-0820-04 Date: 7/18/11 Page 1 of 2

Client: City of New Bedford Sampler Print: Tom Martin/Joe Cooney Signature: [illegible] Date: 7/18/11

Site: NBHS Analyst Print: T. Martin Signature: [illegible] Date Analyzed: 7/19/11

Address: 230 Hathaway Blvd QC Analyst Print: T. Martin / KW Signature: [illegible] Date Analyzed: 7/19/11

New Bedford, MA Lab Supervisor Print: KW Williamson Signature: K. Williamson Date Issued:

Contact/Name: Phone: Rotometer No.: L-19/H1-3 Date of Calibration: 5/2/11 Lab No. 39611

Microscope No. 213374 Received in Lab for Analysis: ☐ QC Only ☒

Sample Type: PCM ☒ TEM ☐ Other: Analysis Method: NIOSH 7400 ☒ AHERA ☐ Other:
Issue 2 8/15/94 A rules

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.369	0.608
20.5 to 50/100	0.296	0.502
>50/100	0.205	0.454

Sample No.	135	136	137	138	139	140	141
Sampling Location/Comments	Tan Hse-2nd FL Hallway @ RM 3-203	TAN HS - 2ND Flr Hallway @ RM 3-212	TAN HS - 2ND Flr Hallway @ RM 3-210	TAN HS - 2ND Flr Rm - 3-225	TAN HS - 1ST Flr Rm 3-110	TAN HS - 1ST Flr Rm 3-311	TAN HS - 1ST Flr Hallway @ Rm - 3-105
Type of Sample	4	4	4	4	4	4	4
Pump Number							
Start Time/Stop Time	0657 / 1135	0659 / 1132	0701 / 1131	0717 / 0938	0957 / 1437	1035 / 1439	1004 / 1441
Total Time (min)	278	273	270	141	280	244	277
Flow Rate	3.0 / 3.0	3.0 / 3.0	3.0 / 3.0	15.0 / 15.0	15.0 / 15.0	15.0 / 15.0	2.5 / 2.5
Total Volume (l)	834	819	810	2115	4200	3660	692.5
FB — BFB / FL — BFL	1/100	8/100	2/100	5/100	11/100	2/100	0/100
Filter Fiber Conc. (fibers/mm²)	1.3	10.2	2.5	6.4	140	25	0
Airborne Fiber Conc. (fibers/cc)	ND<0.003 ✓	0.005 ✓	ND<0.003 ✓	ND<0.001 ✓	0.001 ✓	ND<0.001 ✓	ND<0.004 ✓

STANDARDS
<0.01 f/cc – EPA Re-Occupancy Clearance Criteria
0.10 f/cc – OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc – OSHA 30 min Excursion Level
ND< – Non Detected, less than the limit of detection
Limit of Detection – 5.5 fibers/100 fields

Relinquished by: [illegible] Date 8/17/11 Time
Received By: K. Williamson Date 8/17/11 Time 1400
Relinquished by: Date Time
Received by Laboratory: Date Time

TRC Laboratory Asbestos Analytical Certifications:
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ME#LB-0071 VA#3333000283 TX#300354 VT#AL014538
AIHA/PAT#100122

Condition of Sample: OK
Acceptable: Y ✓ N
Comments:

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab
139	11/100	[illegible] 7/19/11	
136	7/100	KW 8/26/11	KW

Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

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AIR SAMPLE ANALYSIS REPORT

Project No.: 115058-0820-04 Date: 7-18-11 Page 2 of 2

Client: City of New Bedford
Site: NB High School
Address: 230 Hathaway Blvd. New Bedford, MA

Sampler Print: Joe Conney / Tom Martin Signature: Joseph Conney Date: 7-18-11
Analyst Print: Tom Martin Signature: Tom Martin Date Analyzed: 7/19/11
QC Analyst Print: T. Martin / KW Signature: T. Martin Date Analyzed: 7/19/11
Lab Supervisor Print: K. Williamson Signature: K. Williamson Date Issued:

Contact/Name: Phone:
Rotometer No.: L-19 / H-3 Date of Calibration: 5-2-11 Lab No. 39611
Microscope No. 213374 Received in Lab for Analysis: ☐ QC Only: ☒

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.369	0.608
20.5 to 50/100	0.296	0.502
>50/100	0.205	0.454

Sample Type: PCM ☒ TEM ☐ Other: Analysis Method: NIOSH 7400 Issue 2 8/15/94 ☒ A rules AHERA ☐ Other:

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Sample No.	142	143	144				
Sampling Location/Comments	TAN AS-1st Flr Hallway @ Rm-3-115	Field Blank	Field Blank				
Type of Sample	4						
Pump Number							
Start Time/Stop Time	1006 / 1443						
Total Time (min)	277						
Flow Rate	3.0 / 3.0						
Total Volume (l)	831						
FB — BFB / FL — BFL	1/100	0/100	0/100				
Filter Fiber Conc. (fibers/mm²)	1.3	—	—				
Airborne Fiber Conc. (fibers/cc)	ND<0.003 ✓	—	—				

STANDARDS
<0.01 f/cc – EPA Re-Occupancy Clearance Criteria
0.10 f/cc – OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc – OSHA 30 min Excursion Level
ND< – Non Detected, less than the limit of detection
Limit of Detection – 5.5 fibers/100 fields

Relinquished by: Tom Martin Date 8/17/11 Time
Received By: K. Williamson Date 8/17/11 Time 1400
Relinquished by: Date Time
Received by Laboratory: Date Time

TRC Laboratory Asbestos Analytical Certifications:
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ME#LB-0071 VA#3333000283 TX#300354 VT#AL014538
AIHA/PAT#100122

Condition of Sample OK
Acceptable: Y ✓ N
Comments:

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab
142	0/100	TM 7/19/11	

Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

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AIR SAMPLE ANALYSIS REPORT

Project No.: 115058-0820-04 Date: 7/19/11 Page 1 of 2

Client: City of New Bedford Sampler Print: T. Martin / Joe Cooney Signature: [illegible] Date: 7/19/11

Site: BHS Analyst Print: Joseph Cooney Signature: Joseph Cooney Date Analyzed: 7-20-11

Address: 230 Hathaway Blvd QC Analyst Print: K Williamson Signature: K Williamson Date Analyzed:

New Bedford, MA Lab Supervisor Print: K Williamson Signature: K Williamson Date Issued:

Contact/Name: Phone: Rotometer No.: L-19/H-3 Date of Calibration: 5/2/11 Lab No. 39611

Microscope No. 213374 Received in Lab for Analysis: ☐ QC Only ☒

Sample Type: PCM ☒ TEM ☐ Other: Analysis Method: NIOSH 7400 ☒ AHERA ☐ Other:
Issue 2 8/15/94 A rules

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.369	0.608
20.5 to 50/100	0.296	0.502
>50/100	0.205	0.454

Sample No.	145	146	147	148	149	150	151
Sampling Location/Comments	Tau Hse-1st Flr Rm 3-113	~~Tau Hse-1st Flr~~ Blue-3RD Flr hallway @ 4-319	~~Tau Hse-1st FL~~ Blue-3RD Flr hallway @ 4-304	Blue-3RD Flr. room 4-303	Blue-3RD Flr. room 4-304	Blue-3RD flr. hallway @ Rm 4-310	Blue HS-3RD Flr. Rm-4-310
Type of Sample	4	4	4	4	4	4	4
Pump Number							
Start Time/Stop Time	0700 / 1026	0727 / 1416	0729 / 1417	0723 / 1020	0725 / 1025	0731 / 1420	1028 / 1418
Total Time (min)	206	409	408	177	180	409	410
Flow Rate	15.0 / 15.0	3.0 / 3.0	3.0 / 3.0	15.0 / 15.0	15.0 / 15.0	3.0 / 3.0	15.0 / 15.0
Total Volume (l)	3090	1227	1224	2655	2700	1227	6150
FB __ BFB FL BFL	0/100	0/100	1/100	10/100	4/100	0/100	3/100
Filter Fiber Conc. (fibers/mm²)	0/100	0/100	1.22	12.23	4.89	0/100	3.67
Airborne Fiber Conc. (fibers/cc)	ND < .0009 (W)	ND < .002 ✓	ND < .002 ✓	.0012 (W)	ND < .001 ✓	ND < .002 ✓	ND < .0008 (W)

STANDARDS
<0.01 f/cc – EPA Re-Occupancy Clearance Criteria
0.10 f/cc – OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc – OSHA 30 min Excursion Level
ND< – Non Detected, less than the limit of detection
Limit of Detection – 5.5 fibers/100 fields

Relinquished by: [illegible] Date 8/17/11 Time
Received By: K Williamson Date 8/17/11 Time 1400
Relinquished by: Date Time
Received by Laboratory: Date Time

TRC Laboratory Asbestos Analytical Certifications:
CT#PH-0426 MA#AA000052 NY#10980 RI#AAL-007C3
ME#LB-0071 VA#3333000283 TX#300354 VT#AL014538
AIHA/PAT#100122

Condition of Sample: OK
Acceptable: Y ✓ N
Comments:

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab
147	0/100	[illegible] 8/26/11	[illegible]

Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

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AIR SAMPLE ANALYSIS REPORT

Project No.: 115058-0820-04 Date: 7-19-11 Page 2 of 2

Client: City of New Bedford
Site: New Bedford High School
Address: 230 Hathaway Blvd.
New Bedford, MA

Sampler Print: Joe Coney/Tom Martin Signature: Joseph Coney Date: 7-19-11
Analyst Print: Joe Coney Signature: Joseph Coney Date Analyzed: 7-20-11
QC Analyst Print: K Williamson Signature: K. Williamson Date Analyzed: 8/18/11
Lab Supervisor Print: K Williamson Signature: K. Williamson Date Issued:

Contact/Name: Phone:
Rotometer No.: L-19 / H-3 Date of Calibration: 5-2-11 Lab No. 39611
Microscope No. 213374 Received in Lab for Analysis: ☐ QC Only: ☒

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.369	0.608
20.5 to 50/100	0.296	0.502
>50/100	0.205	0.454

Sample Type: PCM ☒ TEM ☐ Other: Analysis Method: NIOSH 7400 ☒ AHERA ☐ Other:
Issue 2 8/15/94 A rules

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Sample No.	152	153	154				
Sampling Location/Comments	Blue Hg-3rd Flr. Rm-4-311	FB	FB				
Type of Sample	4						
Pump Number							
Start Time/Stop Time	1030 / 1420						
Total Time (min)	230						
Flow Rate	15.0 / 15.0						
Total Volume (l)	3450						
FB — BFB FL — BFL	18/100	0/100	0/100				
Filter Fiber Conc. (fibers/mm²)	22.03	—	—				
Airborne Fiber Conc. (fibers/cc)	.0023 (W)	—	—				

STANDARDS
<0.01 f/cc – EPA Re-Occupancy Clearance Criteria
0.10 f/cc – OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc – OSHA 30 min Excursion Level
ND< – Non Detected, less than the limit of detection
Limit of Detection – 5.5 fibers/100 fields

Relinquished by: Tom Martin Date 8/17/11 Time
Received By: K Williamson Date 8/17/11 Time 1400
Relinquished by: Date Time
Received by Laboratory: Date Time

TRC Laboratory Asbestos Analytical Certifications:
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ME#LB-0071 VA#3333000283 TX#300354 VT#AL014538
AIHA/PAT#100122

Condition of Sample: K
Acceptable: Y ✓ N
Comments:

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab

Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

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AIR SAMPLE ANALYSIS REPORT

Project No.: 115058-0820-04 Date: 7/20/11 Page 1 of 2

Client: City of New Bedford Sampler Print: Joe Cooney/Tom Martin Signature: Joseph Cooney/Tom Martin Date: 7-20-11

Site: NBHS Analyst Print: Signature: Date Analyzed:

Address: 230 Hathaway Blvd QC Analyst Print: K Williamson Signature: K Williamson Date Analyzed:

New Bedford, MA Lab Supervisor Print: K Williamson Signature: K Williamson Date Issued:

Contact/Name: Phone: Rotometer No.: L-19-H-3 Date of Calibration: 5/2/11 Lab No. 39611

Microscope No. 213374 Received in Lab for Analysis: ☐ QC Only ☒

Sample Type: PCM ☒ TEM ☐ Other: Analysis Method: NIOSH 7400 Issue 2 8/15/94 ☒ AHERA A rules ☐ Other:

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.369	0.608
20.5 to 50/100	0.296	0.502
>50/100	0.205	0.454

Sample No.	155	156	157	158	159	160	161
Sampling Location/Comments	Blue Hs-2ND Flr. Rm 4-203	Blue Hs-2ND Flr. Rm 4-205	Blue Hs-2ND Flr. Hallway @ Rm 4-203	Blue Hs-2ND Flr. Hallway @ Rm 4-205	Blue Hs-2ND Flr. Hallway @ Rm 4-211	Blue Hs-2ND Flr. Rm-4-225	Blue Hs-2ND Flr. Rm 4-217
Type of Sample	4	4	4	4	4	4	4
Pump Number							
Start Time/Stop Time	0654 / 1057	0653 / 1055	0700 / 1429	0658 / 1427	0656 / 1425	1105 / 1421	1107 / 1423
Total Time (min)	243	242	449	449	449	196	196
Flow Rate	15.0 / 15.0	15.0 / 15.0	2.5 / 2.5	3.0 / 3.0	3.0 / 3.0	15.0 / 15.0	15.0 / 15.0
Total Volume (l)	3645	3630	1122.5	1347	1347	2940	2940
FB — BFB / FL — BFL	4/100	2/100	2/100	1/100	1/100	3/100	2/100
Filter Fiber Conc. (fibers/mm²)	4.89	2.44	2.44	1.22	1.22	3.67	2.44
Airborne Fiber Conc. (fibers/cc)	ND< .007	ND < .007	ND < .002	ND < .002	ND < .002	ND < .001	ND < .001

STANDARDS
<0.01 f/cc – EPA Re-Occupancy Clearance Criteria
0.10 f/cc – OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc – OSHA 30 min Excursion Level
ND< – Non Detected, less than the limit of detection
Limit of Detection – 5.5 fibers/100 fields

Relinquished by: Tom Martin Date 8/17/11 Time
Received By: K Williamson Date 8/17/11 Time 1400
Relinquished by: Date Time
Received by Laboratory: Date Time

TRC Laboratory Asbestos Analytical Certifications:
CT#PH-0426 MA#AA000052 NY#10980 RI#AAL-007C3
ME#LB-0071 VA#3333000283 TX#300354 VT#AL014538
AIHA/PAT#100122

Condition of Sample: OK
Acceptable: Y ✓ N
Comments:

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab
156	5/100	KW 8/26/11	KW

Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

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AIR SAMPLE ANALYSIS REPORT

Project No.: 115058-0820-04 Date: 7-20-11 Page 2 of 2

Client: City of New Bedford
Site: New Bedford High School
Address: 230 Hathaway Blvd.

Sampler Print: Joseph Conroy / Tom Martin Signature: Joseph Conroy / Tom Martin Date: 7-20-11
Analyst Print: Signature: Date Analyzed:
QC Analyst Print: K Williamson Signature: K Williamson Date Analyzed: 8/18/11
Lab Supervisor Print: L-19 | H-3 Signature: K Williamson Date Issued:

Contact/Name: Phone: Rotometer No.: Date of Calibration: Lab No. 39611

Microscope No. Received in Lab for Analysis: ☐ QC Only: ☒

Sample Type: PCM ☐ TEM ☐ Other: Analysis Method: NIOSH 7400 ☐ AHERA ☐ Other:
Issue 2 8/15/94 A rules

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.369	0.608
20.5 to 50/100	0.296	0.502
>50/100	0.205	0.454

Sample No.	162	163					
Sampling Location/Comments	Field Blank	Field Blank					
Type of Sample							
Pump Number							
Start Time/Stop Time							
Total Time (min)							
Flow Rate							
Total Volume (l)							
FB __ BFB FL BFL	0/100	0/100					
Filter Fiber Conc. (fibers/mm²)	—	—					
Airborne Fiber Conc. (fibers/cc)	—	—					

STANDARDS
<0.01 f/cc – EPA Re-Occupancy Clearance Criteria
0.10 f/cc – OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc – OSHA 30 min Excursion Level
ND< – Non Detected, less than the limit of detection
Limit of Detection – 5.5 fibers/100 fields

Relinquished by: Tom Martin Date 8/17/11 Time
Received By: K Williamson Date 8/17/11 Time 1400
Relinquished by: Date Time
Received by Laboratory: Date Time

Condition of Sample: OK
Acceptable: Y ✓ N
Comments:

TRC Laboratory Asbestos Analytical Certifications:
CT#PH-0426 MA#AA000052 NY#10980 RI#AAL-007C3
ME#LB-0071 VA#3333000283 TX#300354 VT#AL014538
AIHA/PAT#100122

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab

Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

TRC
21 Griffin Road North
Windsor, CT 06095
860-298-9692

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Supersedes Previous Edition

AIR SAMPLE ANALYSIS REPORT

Project No.: 115058-0820-04 Date: 7/21/11 Page 1 of 4

Client: City of New Bedford Sampler Print: T. Martin/J. Cooney Signature: [illegible] Date: 7/21/11

Site: NBHS Analyst Print: T. Martin Signature: [illegible] Date Analyzed: 7/22/11

Address: 230 Hathaway Blvd QC Analyst Print: T. Martin / KW Signature: [illegible] Date Analyzed: 7/22/11

New Bedford, MA Lab Supervisor Print: K. Williamson Signature: K. Williamson Date Issued:

Contact/Name: Phone: Rotometer No.: L-19/H-3 Date of Calibration: 5/2/11 Lab No: 9611

Microscope No. 213374 Received in Lab for Analysis: ☐ QC Only: ☒

Sample Type: PCM ☒ TEM ☐ Other: Analysis Method: NIOSH 7400 ☒ AHERA ☐ Other:
Issue 2 8/15/94 A rules

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.369	0.608
20.5 to 50/100	0.296	0.502
>50/100	0.205	0.454

Sample No.	164		165		166		167		168		169		170	
Sampling Location/Comments	Blue - 1st FL Cafeteria		Blue - 1st FL I/S Rm A-105-4		Blue - 1st FL I/S Rm A-111-4		Blue - 1st FL I/S Rm A-110-4		Blue - 1st FL I/S Rm A-112-4		Blue - 1st FL hallway		Blue - 1st FL I/S Rm A-114-4	
Type of Sample	4		4		4		4				4		4	
Pump Number														
Start Time/Stop Time	1014	1458	1018	1455	1022	1315	1051	1317	1054	1450	1057	1450	1129	1452
Total Time (min)	284		277		173		146		236		233		203	
Flow Rate	2.5	2.5	15.0	15.0	15.0	150	15.0	15.0	2.5	2.5	2.5	2.5	2.5	2.5
Total Volume (l)	710		4155		2595		2190		590		583		508	
FB — BFB / FL — BFL	2/100		1/100		7/100		6/100		0/100		1/100		4/100	
Filter Fiber Conc. (fibers/mm²)	2.5		1.3		8.9		7.6		0		1.3		5.1	
Airborne Fiber Conc. (fibers/cc)	ND<0.004		ND<0.001		0.001		0.001		ND<0.005		ND<0.005		ND<0.005	

STANDARDS
<0.01 f/cc – EPA Re-Occupancy Clearance Criteria
0.10 f/cc – OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc – OSHA 30 min Excursion Level
ND< – Non Detected, less than the limit of detection
Limit of Detection – 5.5 fibers/100 fields

Relinquished by: [illegible] Date 8/17/11 Time
Received By: K. Williamson Date 8/17/11 Time 1400
Relinquished by: Date Time
Received by Laboratory: Date Time

TRC Laboratory Asbestos Analytical Certifications:
CT#PH-0426 MA#AA000052 NY#10980 RI#AAL-007C3
ME#LB-0071 VA#3333000283 TX#300354 VT#AL014538
AIHA/PAT#100122

Condition of Sample: OK
Acceptable: Y ✓ N
Comments:

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab
169	0/100	[illegible] 7/22/11	

Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

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AIR SAMPLE ANALYSIS REPORT

Project No.: 115058-0820-04 Date: 7/21/11 Page 2 of 4

Client: City of New Bedford Sampler Print: T. Martin / J. Cooney Signature: [signature] Date: 7/21/11

Site: NBHS Analyst Print: T Martin Signature: [signature] Date Analyzed: 7/22/11

Address: 230 Hathaway Blvd QC Analyst Print: T. Martin / KW Signature: [signature] Date Analyzed: 7/22/11

New Bedford, MA Lab Supervisor Print: KWilliamson Signature: [signature] Date Issued:

Contact/Name: Phone: Rotometer No.: L-19/H-3 Date of Calibration: 5/2/11 Lab No. 39611

Microscope No. 213374 Received in Lab for Analysis: ☐ QC Only ☒

Sample Type: PCM ☒ TEM ☐ Other: Analysis Method: NIOSH 7400 ☒ AHERA ☐ Other:
Issue 2 8/15/94 A rules

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.369	0.608
20.5 to 50/100	0.296	0.502
>50/100	0.205	0.454

Sample No.	171	172	173	174	175	176	177
Sampling Location/Comments	Blue-1st FL I/S Rm A-115-4	Blue-1st FL I/S Rm A-116-4	Blue-1st FL I/S Rm A-117-4	Blue-1st FL I/S Rm A-113-4	Green-3rd FL I/S Rm A-304-1	Green-3rd FL I/S Rm A-307-1	Green Hic-3rd I/S Rm A-316-1
Type of Sample	4	4	4	4	4	4	4
Pump Number							
Start Time/Stop Time	1129 / 1448	1132 / 1450	1135 / 1457	1127 / 1451	1157 / 1312	1155 / 1255	1151 / 1254
Total Time (min)	199	198	196	204	75	60	63
Flow Rate	2.5 / 2.5	3.0 / 3.0	3.0 / 3.0	15.0 / 15.0	15.0 / 15.0	15.0 / 15.0	15.0 / 15.0
Total Volume (l)	498	594	588	3060	1125	900	945
FB — BFB / FL — BFL	2/100	0/100	1/100	2/100	2/100	0/100	0/100
Filter Fiber Conc. (fibers/mm²)	2.5	0	1.3	2.5	2.5	0	0
Airborne Fiber Conc. (fibers/cc)	ND<0.005	ND<0.005	ND<0.005	ND<0.001	ND<0.002	ND<0.0003	ND<0.0003

STANDARDS
<0.01 f/cc – EPA Re-Occupancy Clearance Criteria
0.10 f/cc – OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc – OSHA 30 min Excursion Level
ND< – Non Detected, less than the limit of detection
Limit of Detection – 5.5 fibers/100 fields

Relinquished by: [signature] Date 8/17/11 Time
Received By: KWilliamson Date 8/17/11 Time 1400
Relinquished by: Date Time
Received by Laboratory: Date Time

TRC Laboratory Asbestos Analytical Certifications:
CT#PH-0426 MA#AA000052 NY#10980 RI#AAL-007C3
ME#LB-0071 VA#3333000283 TX#300354 VT#AL014538
AIHA/PAT#100122

Condition of Sample: OK
Acceptable: Y ✓ N
Comments:

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab
177	0/100	[signature] 7/22/11	
173	0/100	[signature] 8/29/11	[signature]

Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

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AIR SAMPLE ANALYSIS REPORT

Project No.: 115058-0820-04 Date: 7/21/11 Page 3 of 4

Client: City of New Bedford Sampler Print: T. Martin/J. Cooney Signature: [illegible] Date: 7/21/11

Site: NBHS Analyst Print: T. Martin Signature: [illegible] Date Analyzed: 7/22/11

Address: 230 Hathaway Blvd QC Analyst Print: T. Martin/KW Signature: [illegible] Date Analyzed: 7/22/11

New Bedford, MA Lab Supervisor Print: K Williamson Signature: K Williamson ~~Issued:~~

Contact/Name: _____ Phone: _____ Rotometer No.: L-~~19~~ 19-1-3 Date of Calibration: 5/2/11 Lab No. 39611

Microscope No. 213374 Received in Lab for Analysis: ☐ QC Only: ☒

Sample Type: PCM ☒ TEM ☐ Other: _____ Analysis Method: NIOSH 7400 ☒ Issue 2 8/15/94 A rules AHERA ☐ Other: _____

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.369	0.608
20.5 to 50/100	0.296	0.502
>50/100	0.205	0.454

Sample No.	178		179		180		181		182		183		184	
Sampling Location/Comments	Green-3rd I/s Rm A-319-1		Green-2nd I/s Rm A-211-1		Green-2nd I/s Rm A-213-1		Green-2nd I/s Rm A-217-1		Green-2nd I/s Rm A-218-1		I/s Rm A-227-1		I/s Rm A-228-1	
Type of Sample	4		4		4		4		4		4		4	
Pump Number														
Start Time/Stop Time	1156	1309	1208	1455	1210	1316	1212	1343	1302	1410	1307	1412	1316	1416
Total Time (min)	73		167		66		91		68		65		60	
Flow Rate	15.0	15.0	~~15.0~~ 3.0	3.0	15.0	15.0	8.0	8.0	15.0	15.0	15.0	15.0	15.0	15.0
Total Volume (l)	1095		501		990		728		1020		975		900	
FB — BFB / FL — BFL	1/100		0/100		2/100		2/100		0/100		1/100		0/100	
Filter Fiber Conc. (fibers/mm²)	1.3		Θ		2.5		2.5		Θ		1.3		Θ	
Airborne Fiber Conc. (fibers/cc)	ND<0.002		ND<0.005		ND<0.003		ND<0.004		ND<0.002		ND<0.003		ND<0.003	

STANDARDS
<0.01 f/cc – EPA Re-Occupancy Clearance Criteria
0.10 f/cc – OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc – OSHA 30 min Excursion Level
ND< – Non Detected, less than the limit of detection
Limit of Detection – 5.5 fibers/100 fields

Relinquished by: [illegible] Date 8/17/11 Time _____
Received By: K Williamson Date 8/17/11 Time 1400
Relinquished by: _____ Date _____ Time _____
Received by Laboratory: _____ Date _____ Time _____

TRC Laboratory Asbestos Analytical Certifications:
CT#PH-0426 MA#AA000052 NY#10980 RI#AAL-007C3
ME#LB-0071 VA#3333000283 TX#300354 VT#AL014538
AIHA/PAT#100122

Condition of Sample: OK
Acceptable: Y ✓ N _____
Comments: _____

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab
182	0/100	[illegible] 7/22/11	

Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

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AIR SAMPLE ANALYSIS REPORT

Project No.: 115058-0820-04 Date: 7/21/11 Page 4 of 4

Client: City of New Bedford Sampler Print: T. Martin / J. Cooney Signature: T. Martin / Joseph Cooney Date: 7/21/11

Site: New Bedford High Sch. Analyst Print: T. Martin Signature: T. Martin Date Analyzed: 7/22/11

Address: 230 Hathaway Blvd QC Analyst Print: T. Martin / KW Signature: T. Martin Date Analyzed: 7/22/11

New Bedford, MA Lab Supervisor Print: K. Williamson Signature: K. Williamson Date Issued:

Contact/Name: Phone: Rotometer No.: L-19/H-3 Date of Calibration: 5/2/11 Lab No. 39611

Microscope No. 213374 Received in Lab for Analysis: ☐ QC Only: ☒

Sample Type: PCM ☒ TEM ☐ Other: Analysis Method: NIOSH 7400 Issue 2 8/15/94 ☒ AHERA A rules ☐ Other:

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Relative Standard Deviation (Sr)

Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.369	0.608
20.5 to 50/100	0.296	0.502
>50/100	0.205	0.454

Sample No.	185	186	187	188	189		
Sampling Location/Comments	Green – 1st FL I/S Rm A-110-1	I/S Rm A-105-1	I/S Rm A-113-1	FB	FB		
Type of Sample	4	4	4				
Pump Number							
Start Time/Stop Time	1322 / 1438	1331 / 1432	1332 / 1441				
Total Time (min)	76	61	69				
Flow Rate	15.0 / 15.0	15.0 / 15.0	15.0 / 15.0				
Total Volume (l)	1140	915	1035				
FB — BFB / FL — BFL	0/100	2/100	2/100	0/100	0/100		
Filter Fiber Conc. (fibers/mm²)	0	2.5	2.5	—	—		
Airborne Fiber Conc. (fibers/cc)	ND<0.002	ND<0.003	ND<0.002	—	—		

STANDARDS
<0.01 f/cc – EPA Re–Occupancy Clearance Criteria
0.10 f/cc – OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc – OSHA 30 min Excursion Level
ND< – Non Detected, less than the limit of detection
Limit of Detection – 5.5 fibers/100 fields

Relinquished by: T. Martin Date 8/17/11 Time
Received By: K. Williamson Date 8/17/11 Time 1400
Relinquished by: Date Time
Received by Laboratory: Date Time

TRC Laboratory Asbestos Analytical Certifications:
CT#PH-0426 MA#AA000052 NY#10980 RI#AAL-007C3
ME#LB-0071 VA#3333000283 TX#300354 VT#AL014538
AIHA/PAT#100122

Condition of Sample: OK
Acceptable: Y ✓ N
Comments:

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab
185	0/100	KW 7/22/11	
186	0/100	KW 7/22/11	Lab

Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

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AIR SAMPLE ANALYSIS REPORT

Project No.: 115058-0820-04 Date: 7/22/11 Page 1 of 5

Client: City of New Bedford

Site: New Bedford High Sch.

Address: 230 Hathaway Blvd
New Bedford, MA

Contact/Name: _____ Phone: _____

Sampler Print: Eric Gomes / Tom Marton Signature: [signature] Date: 7/22/11

Analyst Print: T. Marton Signature: [signature] Date Analyzed: 7/25/11

QC Analyst Print: T. Marton / KW Signature: [signature] Date Analyzed: 7/25/11

Lab Supervisor Print: K. Williamson Signature: K. Williamson Date Issued: _____

Rotometer No.: L-19/H-3 Date of Calibration: 5/2/11 Lab No. 39611

Microscope No. 213374 Received in Lab for Analysis: ☐ QC Only: ☒

Sample Type: PCM ☒ TEM ☐ Other: _____ Analysis Method: NIOSH 7400 Issue 2 8/15/94 ☒ A rules AHERA ☐ Other: _____

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.369	0.608
20.5 to 50/100	0.296	0.502
>50/100	0.205	0.454

Sample No.	190		191		192		193		194		195		196	
Sampling Location/Comments	Blue-1st FL cafeteria		Blue-1st FL Rm A-105-4		Blue-1st FL Hallway		Blue-1st FL Rm A-114-4		Blue-1st FL Rm A-116-4		Blue-1st FL Rm A-117-4		Blue-2nd FL Rm A-204-4	
Type of Sample	4		4		4		4		4		4		4	
Pump Number														
Start Time/Stop Time	0705	1325	0708	1326	0711	1330	0714	1328	0716	1323	0718	1330	0745	0852
Total Time (min)	380		378		379		374		367		372		67	
Flow Rate	2.5	2.5	3.0	3.0	3.0	3.0	3.0	3.0	2.5	2.5	2.5	2.5	15.0	15.0
Total Volume (l)	950		1134		1137		1122		918		930		1005	
FB — BFB / FL — BFL	0/100		1/100		0/100		3/100		1/100		0/100		0/100	
Filter Fiber Conc. (fibers/mm²)	0		1.3		0		3.8		1.3		0		0	
Airborne Fiber Conc. (fibers/cc)	ND<0.003		ND<0.002		ND<0.002		ND<0.002		ND<0.003		ND<0.003		ND<0.003	

STANDARDS
<0.01 f/cc – EPA Re–Occupancy Clearance Criteria
0.10 f/cc – OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc – OSHA 30 min Excursion Level
ND< – Non Detected, less than the limit of detection
Limit of Detection – 5.5 fibers/100 fields

Relinquished by: [signature] Date 8/17/11 Time _____
Received By: K. Williamson Date 8/17/11 Time 1400
Relinquished by: _____ Date _____ Time _____
Received by Laboratory: _____ Date _____ Time _____

TRC Laboratory Asbestos Analytical Certifications:
CT#PH-0426 MA#AA000052 NY#10980 RI#AAL-007C3
ME#LB-0071 VA#3333000283 TX#300354 VT#AL014538
AIHA/PAT#100122

Condition of Sample: OK
Acceptable: Y ✓ N _____
Comments: _____

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab
195	1/100	TM 7/25/11	

Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

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AIR SAMPLE ANALYSIS REPORT

Project No.: 115058-0820-04 Date: 7/22/11 Page 2 of 5

Client: City of New Bedford

Site: New Bedford High Sch.

Address: 230 Hathaway Blvd
New Bedford, MA

Sampler Print: E. ~~Holmes~~ Gomes / T. Martin Signature: [illegible] Date: 7/22/11

Analyst Print: T. Martin Signature: [illegible] Date Analyzed: 7/25/11

QC Analyst Print: T. Martin / KW Signature: [illegible] Date Analyzed: 7/25/11

Lab Supervisor Print: K. Williamson Signature: K. Williamson Date Issued:

Contact/Name: Phone:

Rotometer No.: L-19/H-3 Date of Calibration: 5/2/11 Lab No. 39611

Microscope No. 213374 Received in Lab for Analysis: ☐ QC Only: ☒

Sample Type: PCM ☒ TEM ☐ Other: Analysis Method: NIOSH 7400 Issue 2 8/15/94 ☒ AHERA A rules ☐ Other:

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Relative Standard Deviation (Sr)

Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.369	0.608
20.5 to 50/100	0.296	0.502
>50/100	0.205	0.454

Sample No.	197		198		199		200		201		202		203	
Sampling Location/Comments	Blue House - 2nd Fl Rm A-208-4		Rm A-209-4		Rm A-210-4		Rm A-211-4		Rm A-212-4		Rm A-213-4		Rm A-214-4	
Type of Sample	4		4		4		4		4		4		4	
Pump Number														
Start Time/Stop Time	0750	0855	0755	0855	0759	0904	0802	0905	0805	0906	0807	0909	0809	0911
Total Time (min)	65		60		65		63		61		62		62	
Flow Rate	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
Total Volume (l)	975		900		975		945		915		930		930	
FB — BFB / FL — BFL	0/100		0/100		0/100		0/100		0/100		0/100		0/100	
Filter Fiber Conc. (fibers/mm²)	0		0		0		0		0		0		0	
Airborne Fiber Conc. (fibers/cc)	ND< 0.003		ND< 0.003		ND< 0.003		ND< 0.003		ND< 0.003		ND< 0.003		ND< 0.003	

STANDARDS
<0.01 f/cc – EPA Re–Occupancy Clearance Criteria
0.10 f/cc – OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc – OSHA 30 min Excursion Level
ND< – Non Detected, less than the limit of detection
Limit of Detection – 5.5 fibers/100 fields

Relinquished by: [illegible] Date 8/17/11 Time
Received By: K. Williamson Date 8/17/11 Time 1400
Relinquished by: Date Time
Received by Laboratory: Date Time

TRC Laboratory Asbestos Analytical Certifications:
CT#PH-0426 MA#AA000052 NY#10980 RI#AAL-007C3
ME#LB-0071 VA#3333000283 TX#300354 VT#AL014538
AIHA/PAT#100122

Condition of Sample: OK
Acceptable: Y ✓ N
Comments:

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab
201	0/100	TM 7/25/11	
199	0/100	TM 8/26/11	TM

Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

TRC
21 Griffin Road North
Windsor, CT 06095
860-298-9692

Edition: September 2009
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AIR SAMPLE ANALYSIS REPORT

Project No.: 115058-0820-04 Date: 7/22/11 Page 3 of 5

Client: City of New Bedford

Site: New Bedford High Sch.

Address: 230 Hathaway Blvd
New Bedford, MA

Sampler Print: T. Martin / E. ~~Holmes~~ Gomes (TM) Signature: T. Martin / Eric Gomes Date: 7/22/11

Analyst Print: T. Martin Signature: T. Martin Date Analyzed: 7/25/11

QC Analyst Print: T. Martin / KW Signature: T. Martin Date Analyzed: 7/25/11

Lab Supervisor Print: K. Williamson Signature: K. Williamson ~~Date Issued:~~

Contact/Name: _____ Phone: _____ Rotometer No.: L-19/H-3 Date of Calibration: 5/2/11 Lab No. 39611

Microscope No. 213374 Received in Lab for Analysis: ☐ QC Only: ☒

Sample Type: PCM ☒ TEM ☐ Other: _____ Analysis Method: NIOSH 7400 ☒ AHERA ☐ Other: _____
Issue 2 8/15/94 A rules

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.369	0.608
20.5 to 50/100	0.296	0.502
>50/100	0.205	0.454

Sample No.	204		205		206		207		208		209		210	
Sampling Location/Comments	Blue - 2nd FL Rm A-218-4		→ Rm A-231-4		Blue - 3rd FL Rm A-306-4		Rm A-307-4		Rm A-308-4		Rm A-309-4		Rm A-312-4	
Type of Sample	4		4		4		4		4		4		4	
Pump Number														
Start Time/Stop Time	0813	0915	0920	1023	0940	1046	0942	1048	0945	1050	0946	1051	0949	1052
Total Time (min)	62		63		66		66		65		65		63	
Flow Rate	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
Total Volume (l)	930		945		990		990		975		975		945	
FB — BFB / FL — BFL	0/100		2/100		1/100		1/100		2/100		0/100		1/100	
Filter Fiber Conc. (fibers/mm²)	0		2.5		1.3		1.3		2.5		0		1.3	
Airborne Fiber Conc. (fibers/cc)	ND<0.003		ND<0.003		ND<0.003		ND<0.003		ND<0.003		ND<0.003		ND<0.003	

STANDARDS
<0.01 f/cc – EPA Re–Occupancy Clearance Criteria
0.10 f/cc – OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc – OSHA 30 min Excursion Level
ND< – Non Detected, less than the limit of detection
Limit of Detection – 5.5 fibers/100 fields

Relinquished by: Tom Martin Date 8/17/11 Time _____
Received By: K. Williamson Date 8/17/11 Time 1400
Relinquished by: _____ Date _____ Time _____
Received by Laboratory: _____ Date _____ Time _____

TRC Laboratory Asbestos Analytical Certifications:
CT#PH-0426 MA#AA000052 NY#10980 RI#AAL-007C3
ME#LB-0071 VA#3333000283 TX#300354 VT#AL014538
AIHA/PAT#100122

Condition of Sample: OK
Acceptable: Y ✓ N _____
Comments: _____

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab
204	0/100	TM 7/25/11	
207	0/100	KW 8/26/11	Lab

Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

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AIR SAMPLE ANALYSIS REPORT

Project No.: 115058-0820-04 Date: 7/22/11 Page 4 of 5

Client: City of New Bedford

Site: New Bedford High Sch.

Address: 230 Hathaway Blvd
New Bedford, MA

Sampler Print: T. Martin/E. ~~Holmes~~ Gomes (TM) Signature: [illegible] Date: 7/22/11

Analyst Print: T. Martin Signature: [illegible] Date Analyzed: 7/28/11

QC Analyst Print: T. Martin / KW Signature: [illegible] Date Analyzed: 7/25/11

Lab Supervisor Print: KW Williamson Signature: K. Williamson Date Issued:

Contact/Name: Phone:

Rotometer No.: L-19/H-3 Date of Calibration: 5/2/11 Lab No. 39611

Microscope No. 213374 Received in Lab for Analysis: ☐ QC Only: ☒

Sample Type: PCM ☒ TEM ☐ Other: Analysis Method: NIOSH 7400 ☒ AHERA ☐ Other:
Issue 2 8/15/94 A rules

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.369	0.608
20.5 to 50/100	0.296	0.502
>50/100	0.205	0.454

Sample No.	211		212		213		214		215		216		217	
Sampling Location/Comments	Blue - 3rd FL Rm A-315-4		Rm A-316-4		Rm A-318-4		Rm A-319-4		Tan - 3rd FL Rm A-304-3		Rm A-307-3		Rm A-308-3	
Type of Sample	4		4		4		4		4		4		4	
Pump Number														
Start Time/Stop Time	0951	1054	0953	1056	0956	1057	1027	1131	1243	1351	1248	1352	1249	1353
Total Time (min)	63		63		61		64		68		64		64	
Flow Rate	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
Total Volume (l)	945		945		915		960		1020		960		960	
FB — BFB / FL — BFL	0/100		0/100		0/100		1/100		0/100		1/100		0/100	
Filter Fiber Conc. (fibers/mm²)	0		0		0		1.3		0		1.3		0	
Airborne Fiber Conc. (fibers/cc)	ND<0.003		ND<0.003		ND<0.003		ND<0.003		ND<0.003		ND<0.003		ND<0.003	

STANDARDS
<0.01 f/cc – EPA Re-Occupancy Clearance Criteria
0.10 f/cc – OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc – OSHA 30 min Excursion Level
ND< – Non Detected, less than the limit of detection
Limit of Detection – 5.5 fibers/100 fields

Relinquished by: [illegible] Date 8/17/11 Time
Received By: K. Williamson Date 8/17/11 Time 1400
Relinquished by: Date Time
Received by Laboratory: Date Time

TRC Laboratory Asbestos Analytical Certifications:
CT#PH-0426 MA#AA000052 NY#10980 RI#AAL-007C3
ME#LB-0071 VA#3333000283 TX#300354 VT#AL014538
AIHA/PAT#100122

Condition of Sample: OK
Acceptable: Y ✓ N
Comments:

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab
216	0/100	TM 7/25/11	
213	0/100	KW 8/26/11	LAB

Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

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AIR SAMPLE ANALYSIS REPORT

Project No.: 115058-0820-04 Date: 7/22/11 Page 5 of 5

Client: City of New Bedford
Sampler Print: T. Martin/E. ~~Holmes~~ Gomes (TM) Signature: [illegible] Date: 7/22/11
Site: New Bedford High Sch.
Analyst Print: T. Martin Signature: [illegible] Date Analyzed: 7/25/11
Address: 230 Hathaway Blvd
New Bedford, MA
QC Analyst Print: T. Martin / KW Signature: [illegible] Date Analyzed: 7/26/11
Lab Supervisor Print: K. Williamson Signature: K. Williamson Date Issued:

Contact/Name: _____ Phone: _____ Rotometer No.: L-19/H-3 Date of Calibration: 5/2/11 Lab No. 39611

Microscope No. 213374 Received in Lab for Analysis: ☐ QC Only: ☒

Sample Type: PCM ☒ TEM ☐ Other: _____ Analysis Method: NIOSH 7400 ☒ AHERA ☐ Other: _____
Issue 2 8/15/94 A rules

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.369	0.608
20.5 to 50/100	0.296	0.502
>50/100	0.205	0.454

Sample No.	218		219		220		221									
Sampling Location/Comments	Tom - 3rd FL Rm A-309-3		Rm A-310-3		FB.		FB.									
Type of Sample	4		4													
Pump Number																
Start Time/Stop Time	1251	1355	1252	1357												
Total Time (min)	64		65													
Flow Rate	15.0	15.0	15.0	15.0												
Total Volume (l)	960		975													
FB — BFB / FL — BFL	1/100		0/100		0/100		0/100									
Filter Fiber Conc. (fibers/mm²)	1.3		0		—		—									
Airborne Fiber Conc. (fibers/cc)	ND<0.003		ND<0.003		—		—									

STANDARDS
<0.01 f/cc – EPA Re–Occupancy Clearance Criteria
0.10 f/cc – OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc – OSHA 30 min Excursion Level
ND< – Non Detected, less than the limit of detection
Limit of Detection – 5.5 fibers/100 fields

Relinquished by: Tom Martin Date 8/17/11 Time _____
Received By: K. Williamson Date 8/17/11 Time 1400
Relinquished by: _____ Date _____ Time _____
Received by Laboratory: _____ Date _____ Time _____

TRC Laboratory Asbestos Analytical Certifications:
CT#PH-0426 MA#AA000052 NY#10980 RI#AAL-007C3
ME#LB-0071 VA#3333000283 TX#300354 VT#AL014538
AIHA/PAT#100122

Condition of Sample: OK
Acceptable: Y ✓ N _____
Comments: _____

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab
219	0/100	TM 7/25/11	

Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

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AIR SAMPLE ANALYSIS REPORT

Project No.: 115058-0820-04 Date: 7/25/11 Page 1 of 5

Client: City of New Bedford

Site: New Bedford High Sch.

Address: 230 Hathaway Blvd
New Bedford, MA

Sampler Print: Tom Martin Signature: Tom Martin Date: 7/25/11

Analyst Print: Joseph Cooney Signature: Joseph Cooney Date Analyzed: 7-25-11

QC Analyst Print: T. Martin / KW Signature: T. Martin Date Analyzed: 7/26/11

Lab Supervisor Print: K Williamson Signature: K. Williamson Date Issued:

Contact/Name: Phone:

Rotometer No.: L-19/H-3 Date of Calibration: 5/2/11 Lab No. 39611

Microscope No. 213374 Received in Lab for Analysis: ☐ QC Only: ☒

Sample Type: PCM ☒ TEM ☐ Other: Analysis Method: NIOSH 7400 ☒ AHERA ☐ Other:
Issue 2 8/15/94 A rules

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Relative Standard Deviation (Sr)

Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.369	0.608
20.5 to 50/100	0.296	0.502
>50/100	0.205	0.454

Sample No.	222		223		224		225		226		227		228	
Sampling Location/Comments	3rd Rm B-362		3rd Rm B-363		3rd Rm B-367		Tom - 3rd FL Rm A-311-3		Rm A-312-3		Rm A-315-3		Rm A-316-3	
Type of Sample	4		4		4		4		4		4		4	
Pump Number														
Start Time/Stop Time	0727	1353	0732	1354	0735	1357	0741	0855	0744	0856	0751	0858	0754	0857
Total Time (min)	386		382		382		74		72		67		63	
Flow Rate	2.5	~~1353~~ 2.5	2.5	~~1354~~ 2.5	2.5	~~1357~~ 2.5	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
Total Volume (l)	965		955		955		1110		1080		1005		945	
FB — BFB / FL BFL	1/100		3/100		7/100		0/100		0/100		1/100		0/100	
Filter Fiber Conc. (fibers/mm²)	1.3		3.8		8.9		⊖		⊖		1.3		⊖	
Airborne Fiber Conc. (fibers/cc)	ND<0.003		ND<0.003		0.004		ND<0.002		ND<0.002		ND<0.003		ND<0.003	

STANDARDS
<0.01 f/cc – EPA Re–Occupancy Clearance Criteria
0.10 f/cc – OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc – OSHA 30 min Excursion Level
ND< – Non Detected, less than the limit of detection
Limit of Detection – 5.5 fibers/100 fields

Relinquished by: Tom Martin Date 8/17/11 Time
Received By: K Williamson Date 8/17/11 Time 1400
Relinquished by: Date Time
Received by Laboratory: Date Time

TRC Laboratory Asbestos Analytical Certifications:
CT#PH-0426 MA#AA000052 NY#10980 RI#AAL-007C3
ME#LB-0071 VA#3333000283 TX#300354 VT#AL014538
AIHA/PAT#100122

Condition of Sample: ok
Acceptable: Y ✓ N
Comments:

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab
227	0/100	TM 7/26/11	
224	1/100	KW 8/26/11	Lab

Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

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AIR SAMPLE ANALYSIS REPORT

Project No.: 115058-0820-04 Date: 7/25/11 Page 2 of 5

Client: City of New Bedford

Site: New Bedford High Sch.

Address: 230 Hathaway Blvd
New Bedford, MA

Contact/Name: _____ Phone: _____

Sampler Print: T. Martin Signature: [signature] Date: 7/25/11

Analyst Print: T. Martin Signature: [signature] Date Analyzed: 7/26/11

QC Analyst Print: T. Martin Signature: [signature] Date Analyzed: 7/26/11

Lab Supervisor Print: K. Williamson Signature: K. Williamson Date Issued: _____

Rotometer No.: L-19/H-3 Date of Calibration: 5/2/11 Lab No. 39611

Microscope No. 213374 Received in Lab for Analysis: ☐ QC Only: ☒

Sample Type: PCM ☒ TEM ☐ Other: _____ Analysis Method: NIOSH 7400 Issue 2 8/15/94 ☒ AHERA A rules ☐ Other: _____

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.369	0.608
20.5 to 50/100	0.296	0.502
>50/100	0.205	0.454

Sample No.	229		230		231		232		233		234		235	
Sampling Location/Comments	Tom - 3rd FL Rm A-318-3		Tom - 2nd Rm A-205-3		FL Rm A-208-3		Rm A-209-3		Rm A-210-3		Rm A-211-3		Rm A-212-3	
Type of Sample	4		4		4		4		4		4		4	
Pump Number														
Start Time/Stop Time	0756	0857	0752	0917	0754	0918	0756	0919	0758	0920	0800	1349	0926	1131
Total Time (min)	61		85		84		83		82		349		125	
Flow Rate	15.0	15.0	8.0	8.0	15.0	15.0	15.0	15.0	15.0	15.0	3.0	3.0	15.0	15.0
Total Volume (l)	915		680		1260		1245		1230		1047		1875	
FB — BFB / FL — BFL	2/100		0/100		0/100		2/100		1/100		1/100		2/100	
Filter Fiber Conc. (fibers/mm²)	2.5		⊖		⊖		2.5		1.3		1.3		2.5	
Airborne Fiber Conc. (fibers/cc)	ND<0.003		ND<0.004		ND<0.002		ND<0.002		ND<0.002		ND<0.003		ND<0.001	

STANDARDS
<0.01 f/cc – EPA Re-Occupancy Clearance Criteria
0.10 f/cc – OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc – OSHA 30 min Excursion Level
ND< – Non Detected, less than the limit of detection
Limit of Detection – 5.5 fibers/100 fields

Relinquished by: [signature] Date 8/17/11 Time _____
Received By: K. Williamson Date 8/17/11 Time 1400
Relinquished by: _____ Date _____ Time _____
Received by Laboratory: _____ Date _____ Time _____

TRC Laboratory Asbestos Analytical Certifications:
CT#PH-0426 MA#AA000052 NY#10980 RI#AAL-007C3
ME#LB-0071 VA#3333000283 TX#300354 VT#AL014538
AIHA/PAT#100122

Condition of Sample: OK
Acceptable: Y ✓ N _____
Comments: _____

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab
230	0/100	TM 7/26/11	
231	0/100	KW 8/26/11	Lab

Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

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AIR SAMPLE ANALYSIS REPORT

Project No.: 115058-0820-04 Date: 7/25/11 Page 3 of 5

Client: City of New Bedford

Site: New Bedford High Sch.

Address: 230 Hathaway Blvd
New Bedford, MA

Contact/Name: _____ Phone: _____

Sampler Print: T. Martin Signature: [signature] Date: 7/25/11

Analyst Print: T. Martin Signature: [signature] Date Analyzed: 7/26/11

QC Analyst Print: T. Martin / KW Signature: [signature] Date Analyzed: 7/26/11

Lab Supervisor Print: KW Williamson Signature: K. Williamson Date Issued: _____

Rotometer No.: L-19/H-3 Date of Calibration: 5/2/11 Lab No. 39611

Microscope No. 213374 Received in Lab for Analysis: ☐ QC Only: ☒

Sample Type: PCM ☒ TEM ☐ Other: _____ Analysis Method: NIOSH 7400 Issue 2 8/15/94 ☒ AHERA A rules ☐ Other: _____

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.369	0.608
20.5 to 50/100	0.296	0.502
>50/100	0.205	0.454

Sample No.	236		237		238		239		240		241		242	
Sampling Location/Comments	Tom - 2nd FL Rm A-213-3		Rm A-214-3		Rm A-218-3		Rm A-227-3		Gold - 3rd FL Rm A-303-2		Rm A-304-2		Rm A-306-2	
Type of Sample	4		4		4		4		4		4		4	
Pump Number														
Start Time/Stop Time	0930	1131	0932	1131	0936	1132	0941	1132	1028	1158	1030	1158	1032	1157
Total Time (min)	121		119		116		111		90		88		85	
Flow Rate	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
Total Volume (l)	1815		1785		1740		1665		1350		1320		1275	
FB — BFB / FL — BFL	1/100		0/100		1/100		0/100		5/100		2/100		1/100	
Filter Fiber Conc. (fibers/mm²)	1.3		0		1.3		0		6.4		2.5		1.3	
Airborne Fiber Conc. (fibers/cc)	ND<0.001		ND<0.002		ND<0.002		ND<0.002		ND<0.002		ND<0.002		ND<0.002	

STANDARDS
<0.01 f/cc – EPA Re–Occupancy Clearance Criteria
0.10 f/cc – OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc – OSHA 30 min Excursion Level
ND< – Non Detected, less than the limit of detection
Limit of Detection – 5.5 fibers/100 fields

Relinquished by: [signature] Date 8/17/11 Time _____
Received By: K. Williamson Date 8/17/11 Time 1400
Relinquished by: _____ Date _____ Time _____
Received by Laboratory: _____ Date _____ Time _____

Condition of Sample: OK
Acceptable: Y ✓ N _____
Comments: _____

TRC Laboratory Asbestos Analytical Certifications:
CT#PH-0426 MA#AA000052 NY#10980 RI#AAL-007C3
ME#LB-0071 VA#3333000283 TX#300354 VT#AL014538
AIHA/PAT#100122

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab
242	0/100	TM 7/26/11	
239	1/100	KW 8/26/11	Lab

Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

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AIR SAMPLE ANALYSIS REPORT

Project No.: 115058-0820-04 Date: 7/25/11 Page 4 of 5

Client: City of New Bedford Sampler Print: T. Martin/ Signature: T. Martin Date: 7/25/11

Site: New Bedford High Sch. Analyst Print: T. Martin Signature: T. Martin Date Analyzed: 7/26/11

Address: 230 Hathaway Blvd QC Analyst Print: T. Martin KW Signature: T. Martin Date Analyzed: 7/26/11

New Bedford, MA Lab Supervisor Print: KW Williamson Signature: K. Williamson Date Issued:

Contact/Name: Phone: Rotometer No.: L-19/H-3 Date of Calibration: 5/2/11 Lab No. 39611

Microscope No. 213374 Received in Lab for Analysis: ☐ QC Only: ☒

Sample Type: PCM ☒ TEM ☐ Other: Analysis Method: NIOSH 7400 Issue 2 8/15/94 ☒ AHERA A rules ☐ Other:

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Relative Standard Deviation (Sr)

Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.369	0.608
20.5 to 50/100	0.296	0.502
>50/100	0.205	0.454

Sample No.	243		244		245		246		247		248		249
Sampling Location/Comments	Gold-3rd Rm A-307-2		Rm A-309-2		Rm A-311-2		Rm A-312-2		Rm A-316-2		3rd FL-Core Rm A-371		FB.
Type of Sample	4		4		4		4		4		4		
Pump Number													
Start Time/Stop Time	1034	1157	1147	1257	1150	1302	1153	1305	1155	1306	1317	1442	
Total Time (min)	83		70		72		72		71		85		
Flow Rate	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	
Total Volume (l)	1245		1050		1080		1080		1065		1275		
FB — BFB / FL — BFL	0/100		0/100		0/100		0/100		3/100		2/100		0/100
Filter Fiber Conc. (fibers/mm²)	—		—		—		—		3.8		2.5		—
Airborne Fiber Conc. (fibers/cc)	ND<0.002		ND<0.003		ND<0.002		ND<0.002		ND<0.003		ND<0.002		—

STANDARDS
<0.01 f/cc – EPA Re-Occupancy Clearance Criteria
0.10 f/cc – OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc – OSHA 30 min Excursion Level
ND< – Non Detected, less than the limit of detection
Limit of Detection – 5.5 fibers/100 fields

Relinquished by: T. Martin Date 8/17/11 Time
Received By: K. Williamson Date 8/17/11 Time 1400
Relinquished by: Date Time
Received by Laboratory: Date Time

TRC Laboratory Asbestos Analytical Certifications:
CT#PH-0426 MA#AA000052 NY#10980 RI#AAL-007C3
ME#LB-0071 VA#3333000283 TX#300354 VT#AL014538
AIHA/PAT#100122

Condition of Sample: OK
Acceptable: Y ✓ N
Comments:

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab
243	0/100	TM 7/26/11	
249	1/100	KW 8/26/11	

Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

TRC
21 Griffin Road North
Windsor, CT 06095
860-298-9692

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AIR SAMPLE ANALYSIS REPORT

Project No.: 115058-0820-04 Date: 7/25/11 Page 5 of 5

Client: City of New Bedford
Site: New Bedford High Sch.
Address: 230 Hathaway Blvd
New Bedford, MA

Sampler Print: T. Martin Signature: [signature] Date: 7/25/11
Analyst Print: T. Martin Signature: [signature] Date Analyzed: 7/26/11
QC Analyst Print: T. Martin / KW Signature: [signature] Date Analyzed: 7/26/11
Lab Supervisor Print: K. Williamson Signature: K. Williamson Date Issued:

Contact/Name: Phone:

Rotometer No.: L-19/H-3 Date of Calibration: 5/2/11 Lab No. 39611
Microscope No. 213374 Received in Lab for Analysis: ☐ QC Only: ☒

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.369	0.608
20.5 to 50/100	0.296	0.502
>50/100	0.205	0.454

Sample Type: PCM ☒ TEM ☐ Other: Analysis Method: NIOSH 7400 Issue 2 8/15/94 ☒ AHERA A rules ☐ Other:

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Sample No.	250						
Sampling Location/Comments	F.B.						
Type of Sample							
Pump Number							
Start Time/Stop Time							
Total Time (min)							
Flow Rate							
Total Volume (l)							
FB — BFB / FL — BFL	0/100						
Filter Fiber Conc. (fibers/mm²)	—						
Airborne Fiber Conc. (fibers/cc)	—						

STANDARDS
<0.01 f/cc – EPA Re-Occupancy Clearance Criteria
0.10 f/cc – OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc – OSHA 30 min Excursion Level
ND – Non Detected, less than the limit of detection
Limit of Detection – 5.5 fibers/100 fields

Relinquished by: [signature] Date 8/17/11 Time
Received By: K. Williamson Date 8/17/11 Time 1400
Relinquished by: Date Time
Received by Laboratory: Date Time

TRC Laboratory Asbestos Analytical Certifications:
CT#PH-0426 MA#AA000052 NY#10980 RI#AAL-007C3
ME#LB-0071 VA#3333000283 TX#300354 VT#AL014538
AIHA/PAT#100122

Condition of Sample: OK
Acceptable: Y ✓ N
Comments:

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab

Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

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AIR SAMPLE ANALYSIS REPORT

Project No.: 115058-0820-04 Date: 7/26/11 Page 1 of 24

Client: City of New Bedford
Site: New Bedford High Sch.
Address: 230 Hathaway Blvd
New Bedford, MA

Sampler Print: T. Martin / Joseph Cooney Signature: T. Martin / Joseph Cooney Date: 7/26/11
Analyst Print: Joseph Cooney Signature: Joseph Cooney Date Analyzed: 7-26-11
QC Analyst Print: T. Martin / KW Signature: T. Martin Date Analyzed: 7/27/11
Lab Supervisor Print: KW Williamson Signature: K Williamson Date Issued:

Contact/Name: _____ Phone: _____ Rotometer No.: L-19/H-3 Date of Calibration: 5/2/11 Lab No. 39611

Microscope No. 213374 Received in Lab for Analysis: ☐ QC Only: ☒

Sample Type: PCM ☒ TEM ☐ Other: _____ Analysis Method: NIOSH 7400 ☒ AHERA ☐ Other: _____
Issue 2 8/15/94 A rules

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Relative Standard Deviation (Sr)

Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.369	0.608
20.5 to 50/100	0.296	0.502
>50/100	0.205	0.454

Sample No.	251	252	253	254	255	256	257
Sampling Location/Comments	Tom - 1st FL Rm A-103-3	Rm A-105-3	Rm A-112-3	Rm A-114-3	Rm A-115-3	Rm A-116-3	Rm A-117-3
Type of Sample	4	4	4	4	4	4	4
Pump Number							
Start Time/Stop Time	0741 / 0901	0743 / 0901	0746 / 0902	0747 / 0902	0747 / 0903	0750 / 0903	0751 / 0902
Total Time (min)	80	78	76	75	76	73	71
Flow Rate	15.0 / 15.0	15.0 / 15.0	15.0 / 15.0	15.0 / 15.0	15.0 / 15.0	15.0 / 15.0	15.0 / 15.0
Total Volume (l)	1200	1170	1140	1125	1140	1095	1065
FB — BFB / FL — BFL	0/100	1/100	0/100	0/100	0/100	1/100	0/100
Filter Fiber Conc. (fibers/mm²)	0	1.22	0	0	0	1.22	0
Airborne Fiber Conc. (fibers/cc)	ND < .002	ND < .002	ND < .002	ND < .002	ND < .002	ND < .002	ND < .002

STANDARDS
<0.01 f/cc – EPA Re–Occupancy Clearance Criteria
0.10 f/cc – OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc – OSHA 30 min Excursion Level
ND< – Non Detected, less than the limit of detection
Limit of Detection – 5.5 fibers/100 fields

Relinquished by: Tom Martin Date 8/17/11 Time _____
Received By: K Williamson Date 8/17/11 Time 1400
Relinquished by: _____ Date _____ Time _____
Received by Laboratory: _____ Date _____ Time _____

TRC Laboratory Asbestos Analytical Certifications:
CT#PH-0426 MA#AA000052 NY#10980 RI#AAL-007C3
ME#LB-0071 VA#3333000283 TX#300354 VT#AL014538
AIHA/PAT#100122

Condition of Sample: ok
Acceptable: Y ✓ N _____
Comments: _____

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab
254	0/100	TM 7/27/11	
253	1/100	BW 8/26/11	LWS

Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

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AIR SAMPLE ANALYSIS REPORT

Project No.: 115058-0820-04 Date: 7/26/11 Page 2 of 4

Client: City of New Bedford
Site: New Bedford High Sch.
Address: 230 Hathaway Blvd
New Bedford, MA

Sampler Print: T. Martin / Joseph Cooney Signature: T. Martin / Joseph Cooney Date: 7/26/11
Analyst Print: Joseph Cooney Signature: Joseph Cooney Date Analyzed: 7-26-11
QC Analyst Print: T. Martin KW Signature: T. Martin Date Analyzed: 7/27/11
Lab Supervisor Print: K Williamson Signature: K Williamson Date Issued: 8/18/11

Contact/Name: _____ Phone: _____ Rotometer No.: L-19/H-3 Date of Calibration: 5/2/11 Lab No. 39611

Microscope No. 213374 Received in Lab for Analysis: ☐ QC Only: ☒

Sample Type: PCM ☒ TEM ☐ Other: _____ Analysis Method: NIOSH 7400 Issue 2 8/15/94 ☒ AHERA A rules ☐ Other: _____

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.369	0.608
20.5 to 50/100	0.296	0.502
>50/100	0.205	0.454

Sample No.	258		259		260		261		262		263		264	
Sampling Location/Comments	3rd FL-Core Rm B-369		→ Rm B-375		Tom-2nd FL Rm A-228-3		3rd FL-hall way o/s Rm 320		3rd FL-hallway o/s entrance to Gold Hse		Gold-1st FL Rm A-103-2		→ Rm A-105-2	
Type of Sample	4		4		4		4		4		4		4	
Pump Number														
Start Time/Stop Time	0730	1322	0733	1432	0753	1335	0848	1135	0850	1136	0910	1024	0910	1024
Total Time (min)	352		419		342		167		166		74		74	
Flow Rate	2.5	2.5	2.5	2.5	15.0	15.0	6.0	6.0	6.0	6.0	15.0	15.0	15.0	15.0
Total Volume (l)	880		1048		5130		1002		996		1110		1110	
FB — BFB / FL — BFL	5/100		0/100		2/100		6/100		2/100		0/100		0/100	
Filter Fiber Conc. (fibers/mm²)	6.4		⊖		2.5		7.6		2.5		⊖		⊖	
Airborne Fiber Conc. (fibers/cc)	NDL 0.003		NDL 0.003		NDL 0.001		0.003		NDL 0.003		NDL 0.002		NDL 0.002	

STANDARDS
<0.01 f/cc – EPA Re–Occupancy Clearance Criteria
0.10 f/cc – OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc – OSHA 30 min Excursion Level
ND< – Non Detected, less than the limit of detection
Limit of Detection – 5.5 fibers/100 fields

Relinquished by: T. Martin Date 8/17/11 Time _____
Received By: K Williamson Date 8/17/11 Time 1400
Relinquished by: _____ Date _____ Time _____
Received by Laboratory: _____ Date _____ Time _____

TRC Laboratory Asbestos Analytical Certifications:
CT#PH-0426 MA#AA000052 NY#10980 RI#AAL-007C3
ME#LB-0071 VA#3333000283 TX#300354 VT#AL014538
AIHA/PAT#100122

Condition of Sample: OK
Acceptable: Y ✓ N _____
Comments: _____

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab
263	0/100	TM 7/27/11	
260	1/100	KW 8/26/11	

Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

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AIR SAMPLE ANALYSIS REPORT

Project No.: 115058-0820-04 Date: 7/26/11 Page 3 of 4

Client: City of New Bedford
Sampler Print: T. Martin / J. Cooney Signature: [illegible] Date: 7/26/11

Site: New Bedford High Sch.
Analyst Print: T. Martin / Joe Cooney Signature: [illegible] Date Analyzed: 7/27/11

Address: 230 Hathaway Blvd
QC Analyst Print: T. Martin / KW Signature: [illegible] Date Analyzed: 7/27/11

New Bedford, MA
Lab Supervisor Print: K. Williamson Signature: K. Williamson Date Issued:

Contact/Name: _____ Phone: _____ Rotometer No.: L-19/H-3 Date of Calibration: 5/2/11 Lab No. 39611

Microscope No. 213374 Received in Lab for Analysis: ☐ QC Only: ☒

Sample Type: PCM ☒ TEM ☐ Other: _____ Analysis Method: NIOSH 7400 Issue 2 8/15/94 ☒ AHERA A rules ☐ Other: _____

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.369	0.608
20.5 to 50/100	0.296	0.502
>50/100	0.205	0.454

Sample No.	265	266	267	268	269	270	270A	271
Sampling Location/Comments	Gold - 1st FL Rm A-110-2	Rm A-113-2	Rm A-114-2	Rm A-116-2	Rm A-117-2	FB	FB	3rd FL-core Rm B-342
Type of Sample	4	4	4	4	4			4
Pump Number								
Start Time/Stop Time	0912 / 1024	0913 / 1025	0913 / 1025	0918 / 1025	0918 / 1025			1250 / 1450
Total Time (min)	72	72	72	67	67			120
Flow Rate	15.0 / 15.0	15.0 / 15.0	15.0 / 15.0	15.0 / 15.0	15.0 / 15.0			15.0 / 15.0
Total Volume (l)	1080	1080	1080	1005	1005			1800
FB — BFB / FL — BFL	0/100	1/100	0/100	0/100	0/100	0/100	0/100	78/100
Filter Fiber Conc. (fibers/mm²)	0	1.3	0	0	0	—	—	99.4
Airborne Fiber Conc. (fibers/cc)	ND<0.002 ✓	ND<0.002 ✓	ND<0.002	ND<0.003 ✓	ND<0.003 ✓	—	—	0.021 ✓

STANDARDS
<0.01 f/cc – EPA Re-Occupancy Clearance Criteria
0.10 f/cc – OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc – OSHA 30 min Excursion Level
ND< – Non Detected, less than the limit of detection
Limit of Detection – 5.5 fibers/100 fields

Relinquished by: [illegible] Date 7/27/11 Time _____
Received By: K. Williamson Date 8/17/11 Time 1400
Relinquished by: _____ Date _____ Time _____
Received by Laboratory: _____ Date _____ Time _____

TRC Laboratory Asbestos Analytical Certifications:
CT#PH-0426 MA#AA000052 NY#10980 RI#AAL-007C3
ME#LB-0071 VA#3333000283 TX#300354 VT#AL014538
AIHA/PAT#100122

Condition of Sample: OK
Acceptable: Y ✓ N _____
Comments: _____

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab
271	84/100	[illegible] 7/27/11	
265	0/100	[illegible] 8/26/11	LAB

Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

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AIR SAMPLE ANALYSIS REPORT

Project No.: 115058-0820-04 Date: 7/26/11 Page 4 of 4

Client: City of New Bedford Sampler Print: J. Cooney Signature: Joseph Cooney Date: 7/26/11

Site: New Bedford High Sch. Analyst Print: T. Martin Signature: T. Martin Date Analyzed: 7/27/11

Address: 230 Hathaway Blvd QC Analyst Print: T. Martin Signature: T. Martin Date Analyzed: 7/27/11

New Bedford, MA Lab Supervisor Print: K. Williamson Signature: K. Williamson Date Issued:

Contact/Name: Phone: Rotometer No.: L-19/H-3 Date of Calibration: 5/2/11 Lab No. 39611

Microscope No. 213374 Received in Lab for Analysis: ☐ QC Only: ☒

Sample Type: PCM ☒ TEM ☐ Other: Analysis Method: NIOSH 7400 ☒ AHERA ☐ Other:
Issue 2 8/15/94 A rules

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.369	0.608
20.5 to 50/100	0.296	0.502
>50/100	0.205	0.454

Sample No.	272	273					
Sampling Location/Comments	3rd-Core Rm B-332	3rd-Core Rm B-330					
Type of Sample	4	4					
Pump Number							
Start Time/Stop Time	1252 / 1454	1303 / 1456					
Total Time (min)	122	113					
Flow Rate	15.0 / 15.0	15.0 / 15.0					
Total Volume (l)	1830	1695					
FB — BFB / FL — BFL	37/100	18/100					
Filter Fiber Conc. (fibers/mm²)	47.1	22.9					
Airborne Fiber Conc. (fibers/cc)	0.010	0.005					

STANDARDS
<0.01 f/cc – EPA Re–Occupancy Clearance Criteria
0.10 f/cc – OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc – OSHA 30 min Excursion Level
ND – Non Detected, less than the limit of detection
Limit of Detection – 5.5 fibers/100 fields

Relinquished by: Tom Martin Date 7/27/11 Time
Received By: K. Williamson Date 8/17/11 Time 1400
Relinquished by: Date Time
Received by Laboratory: Date Time

TRC Laboratory Asbestos Analytical Certifications:
CT#PH-0426 MA#AA000052 NY#10980 RI#AAL-007C3
ME#LB-0071 VA#3333000283 TX#300354 VT#AL014538
AIHA/PAT#100122

Condition of Sample: Acceptable: Y ✓ N
Comments:

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab
273	20/100	TM 7/27/11	

Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

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AIR SAMPLE ANALYSIS REPORT

Project No.: 115058-0820-04 Date: 7/27/11 Page 1 of 3

Client: City of New Bedford
Sampler Print: T. Martin / Joe Cooney Signature: T. Martin / Joseph Cooney Date: 7/27/11
Site: New Bedford High Sch.
Analyst Print: T. Martin / Joe Cooney Signature: T. Martin / Joseph Cooney Date Analyzed: 7/27/11
Address: 230 Hathaway Blvd
QC Analyst Print: T. Martin / KW Signature: T. Martin Date Analyzed: 7/27/11
New Bedford, MA
Lab Supervisor Print: K Williamson Signature: K Williamson Date Issued:

Contact/Name: Phone: Rotometer No.: L-19/H-3 Date of Calibration: 5/2/11 Lab No. 39611

Microscope No. 213374 Received in Lab for Analysis: ☐ QC Only: ☒

Sample Type: PCM ☒ TEM ☐ Other: Analysis Method: NIOSH 7400 Issue 2 8/15/94 ☒ AHERA ☐ Other: A rules

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Relative Standard Deviation (Sr)

Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.369	0.608
20.5 to 50/100	0.296	0.502
>50/100	0.205	0.454

Sample No.	274		275		276		277		278		279		280	
Sampling Location/Comments	Gold-2ND Flr Rm A-213-2		Gold-2ND Flr. Rm A-214-2		Gold-2ND Flr. Rm A-218-2		Gold-2ND Flr Rm A-204-2		Gold-2ND Flr. Rm-A-228-2		Gold-2ND Flr. Rm-A-208-2		Gold-2ND Flr Rm A-210-2	
Type of Sample	4		4		4		4		4		4		4	
Pump Number														
Start Time/Stop Time	0736	1313	0738	1315	0740	1317	0742	1014	0747	1016	0749	1020	0751	1022
Total Time (min)	337		337		337		~~142~~ 152		149		151		151	
Flow Rate	3.0	3.0	3.0	3.0	3.0	3.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
Total Volume (l)	1011		1011		1011		2280		2235		2265		2265	
FB — BFB / FL — BFL	0/100		0/100		0/100		0/100		4/100		3/100		3/100	
Filter Fiber Conc. (fibers/mm²)	0		0		0		0		5.1		3.8		3.8	
Airborne Fiber Conc. (fibers/cc)	ND < .008		ND < .008		ND < .008		ND<0.001		ND<0.001		ND<0.001		ND<0.001	

STANDARDS
<0.01 f/cc – EPA Re–Occupancy Clearance Criteria
0.10 f/cc – OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc – OSHA 30 min Excursion Level
ND – Non Detected, less than the limit of detection
Limit of Detection – 5.5 fibers/100 fields

Relinquished by: Joe Cooney Date 8/17/11 Time
Received By: K Williamson Date 8/17/11 Time 1400
Relinquished by: Date Time
Received by Laboratory: Date Time

TRC Laboratory Asbestos Analytical Certifications:
CT#PH-0426 MA#AA000052 NY#10980 RI#AAL-007C3
ME#LB-0071 VA#3333000283 TX#300354 VT#AL014538
AIHA/PAT#100122

Condition of Sample: OK
Acceptable: Y ✓ N
Comments:

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab
279	0/100	TM 7/27/11	
277	1/100	KW 8/16/11	LWS

Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

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AIR SAMPLE ANALYSIS REPORT

Project No.: 115058-0820-04 Date: 7/27/11 Page 2 of 3

Client: City of New Bedford Sampler Print: Joseph Cooney Signature: Joseph Cooney Date: 7-27-11

Site: New Bedford High Sch. Analyst Print: J. Cooney/T. Martin Signature: Joseph Cooney / Tom Martin Date Analyzed: 7/28/11

Address: 230 Hathaway Blvd QC Analyst Print: T. Martin / KW Signature: Tom Martin Date Analyzed: 7/28/11

New Bedford, MA Lab Supervisor Print: K Williamson Signature: K Williamson ~~Issued:~~

Contact/Name: _____ Phone: _____ Rotometer No.: L-19/H-3 Date of Calibration: 5/2/11 Lab No. 39611

Microscope No. 213374 Received in Lab for Analysis: ☐ QC Only: ☒

Sample Type: PCM ☒ TEM ☐ Other: _____ Analysis Method: NIOSH 7400 Issue 2 8/15/94 ☒ AHERA A rules ☐ Other: _____

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.369	0.608
20.5 to 50/100	0.296	0.502
>50/100	0.205	0.454

Sample No.	281	282	283	284	285	286	287
Sampling Location/Comments	Gold - 2ND Flr Rm A-211-2	Gold - 2ND Flr. Rm-A-212-2	Gold - 2ND Flr Rm A-217-2	3RD Flr core Rm B343	3RD Flr core Rm B-344	3RD Flr Core Rm B-354	3RD Flr-core Rm-B356
Type of Sample							4
Pump Number							
Start Time/Stop Time	0753 / 1024	0755 / 1026	1018 / 1311	1113 / 1313	1115 / 1316	1120 / 1421	1320 / 1423
Total Time (min)	151	151	173	120	121	181	63
Flow Rate	8.0 / 8.0	15.0 / 15.0	15.0 / 15.0	15.0 / 15.0	15.0 / 15.0	15.0 / 15.0	15.0 / 15.0
Total Volume (l)	1208	2265	2595	1800	1815	2715	945
FB — BFB / FL — BFL	1/100	2/100	0/100	6/100	15/100	33/100	10/100
Filter Fiber Conc. (fibers/mm²)	1.3	2.5	0	7.34	18.35	40.39	12.23
Airborne Fiber Conc. (fibers/cc)	ND<0.002 ✓	ND<0.001 ✓	ND<.001 ✓	.0012 (W)	.004 ✓	.0086 (W)	.005 ✓

STANDARDS
<0.01 f/cc – EPA Re-Occupancy Clearance Criteria
0.10 f/cc – OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc – OSHA 30 min Excursion Level
ND< – Non Detected, less than the limit of detection
Limit of Detection – 5.5 fibers/100 fields

Relinquished by: Tom Martin Date 8/17/11 Time _____
Received By: K Williamson Date 8/17/11 Time 1400
Relinquished by: _____ Date _____ Time _____
Received by Laboratory: _____ Date _____ Time _____

TRC Laboratory Asbestos Analytical Certifications:
CT#PH-0426 MA#AA000052 NY#10980 RI#AAL-007C3
ME#LB-0071 VA#3333000283 TX#300354 VT#AL014538
AIHA/PAT#100122

Condition of Sample: OK
Acceptable: Y ✓ N _____
Comments: _____

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab
282	1/100	TM 7/28/11	
283	0/100	KW 8/26/11	Lab

Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

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AIR SAMPLE ANALYSIS REPORT

Project No.: 115058-0820-04 Date: 7/27/11 Page 3 of 3

Client: City of New Bedford

Site: New Bedford High Sch.

Address: 230 Hathaway Blvd
New Bedford, MA

Contact/Name: _____ Phone: _____

Sampler Print: T. Martin / Joseph Cooney Signature: T. Martin / Joseph Cooney Date: 7/27/11

Analyst Print: Joseph Cooney Signature: Joseph Cooney Date Analyzed: 7/28/11

QC Analyst Print: T. Martin / KW Signature: T. Martin Date Analyzed: 7/28/11

Lab Supervisor Print: KW Williamson Signature: K. Williamson Date Issued: _____

Rotometer No.: L-19/H-3 Date of Calibration: 5/2/11 Lab No. 39611

Microscope No. 213374 Received in Lab for Analysis: ☐ QC Only: ☒

Sample Type: PCM ☒ TEM ☐ Other: _____ Analysis Method: NIOSH 7400 Issue 2 8/15/94 ☒ AHERA A rules ☐ Other: _____

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.369	0.608
20.5 to 50/100	0.296	0.502
>50/100	0.205	0.454

Sample No.	288	289	290				
Sampling Location/Comments	3rd-Core Run B-309	FB.	FB.				
Type of Sample	4						
Pump Number							
Start Time/Stop Time	1321 / 1435						
Total Time (min)	74						
Flow Rate	15.0 / 15.0						
Total Volume (l)	1110						
FB — BFB / FL — BFL	14/100	8/100	0/100				
Filter Fiber Conc. (fibers/mm²)	17.13	—	—				
Airborne Fiber Conc. (fibers/cc)	.006	—	—				

STANDARDS
<0.01 f/cc – EPA Re-Occupancy Clearance Criteria
0.10 f/cc – OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc – OSHA 30 min Excursion Level
ND – Non Detected, less than the limit of detection
Limit of Detection – 5.5 fibers/100 fields

Relinquished by: T. Martin Date 8/17/11 Time _____
Received By: K. Williamson Date 8/17/11 Time 1400
Relinquished by: _____ Date _____ Time _____
Received by Laboratory: _____ Date _____ Time _____

Condition of Sample: OK
Acceptable: Y ✓ N _____
Comments: _____

TRC Laboratory Asbestos Analytical Certifications:
CT#PH-0426 MA#AA000052 NY#10980 RI#AAL-007C3
ME#LB-0071 VA#3333000283 TX#300354 VT#AL014538
AIHA/PAT#100122

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab
288	16/100	TM 7/28/11	

Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

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AIR SAMPLE ANALYSIS REPORT

Project No.: 115058-0820-04 Date: 7/28/11 Page 1 of 3

Client: City of New Bedford
Sampler Print: T. Martin / Joseph Carney Signature: [illegible] Date: 7/28/11
Site: New Bedford High Sch.
Analyst Print: Joseph Carney Signature: Joseph Carney Date Analyzed: 7-28-11
Address: 230 Hathaway Blvd
New Bedford, MA
QC Analyst Print: K Williamson Signature: K. Williamson Date Analyzed: 8/18/11
Lab Supervisor Print: K Williamson Signature: K. Williamson Date Issued:

Contact/Name: Phone:
Rotometer No.: L-19/H-3 Date of Calibration: 5/2/11 Lab No. 39611
Microscope No. 213374 Received in Lab for Analysis: ☐ QC Only: ☒

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.369	0.608
20.5 to 50/100	0.296	0.502
>50/100	0.205	0.454

Sample Type: PCM ☒ TEM ☐ Other: Analysis Method: NIOSH 7400 Issue 2 8/15/94 ☒ AHERA A rules ☐ Other:

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Sample No.	291		292		293		294		295		296		297	
Sampling Location/Comments	3rd Fl - Core Rm B-311		3rd Fl - Core Rm B-312		3rd Fl - Core Rm B-313		3rd Fl - Core Rm B-313 (office)		3rd Fl - Core Rm B-318		3rd Fl - Core Rm B-320		3rd Fl Hallway @ Rm 371	
Type of Sample	4		4		4		4		4		4		4	
Pump Number														
Start Time/Stop Time	0712	0820	0716	0900	0721	0953	0723	1000	0838	1347	0830	1112	0957	1245
Total Time (min)	68		104		152		157		309		162		168	
Flow Rate	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.00	~~15.0~~ 2.5 (avg)	2.5	15.0	15.0	15.0	15.0
Total Volume (l)	1020		1560		2280		2355		773		2430		2520	
FB — BFB / FL — BFL	14/100		20/100		32/100		12/100		18/100		28/100		1/100	
Filter Fiber Conc. (fibers/mm²)	17.8		25.5		40.8		15.3		22.9		35.7		1.3	
Airborne Fiber Conc. (fibers/cc)	0.007 ✓		0.006 ✓		0.007 ✓		0.002 ✓		0.011 ✓		0.006 ✓		ND<0.001 ✓	

STANDARDS
<0.01 f/cc – EPA Re–Occupancy Clearance Criteria
0.10 f/cc – OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc – OSHA 30 min Excursion Level
ND< – Non Detected, less than the limit of detection
Limit of Detection – 5.5 fibers/100 fields

Relinquished by: [illegible] Date 7/29/11 Time
Received By: K. Williamson Date 8/17/11 Time 1400
Relinquished by: Date Time
Received by Laboratory: Date Time

Condition of Sample: OK
Acceptable: Y ✓ N
Comments:

TRC Laboratory Asbestos Analytical Certifications:
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ME#LB-0071 VA#3333000283 TX#300354 VT#AL014538
AIHA/PAT#100122

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab
294	10/100	[illegible] 8/26/11	Lab

Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

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AIR SAMPLE ANALYSIS REPORT

Project No.: 115058-0820-04 Date: 7/28/11 Page 2 of 3

Client: City of New Bedford
Site: New Bedford High Sch.
Address: 230 Hathaway Blvd
New Bedford, MA

Sampler Print: T. Martin / Joseph Cooney Signature: Joseph Cooney Date: 7/28/11
Analyst Print: Joseph Cooney Signature: Joseph Cooney Date Analyzed: 7-29-11
QC Analyst Print: K Williamson Signature: K Williamson Date Analyzed: 8/18/11
Lab Supervisor Print: K Williamson Signature: K Williamson Date Issued:

Contact/Name: Phone:
Rotometer No.: L-19/H-3 Date of Calibration: 5/2/11 Lab No. 39611
Microscope No. 213374 Received in Lab for Analysis: ☐ QC Only: ☒

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.369	0.608
20.5 to 50/100	0.296	0.502
>50/100	0.205	0.454

Sample Type: PCM ☒ TEM ☐ Other: Analysis Method: NIOSH 7400 Issue 2 8/15/94 ☒ AHERA A rules ☐ Other:

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Sample No.	298	299	300	301	302	303	304
Sampling Location/Comments	3RD Flr Hallway @ Rm 363	2nd FL - Core Rm B-287	Rm B-288	Rm B-285	Rm B-284	2ND Floor-core Rm 29[illegible]	2ND Flr core Rm 272
Type of Sample	4	4	4	4	4	4	4
Pump Number							
Start Time/Stop Time	0959 / 1244	1251 / 1405	1254 / 1435	1258 / 1438	1302 / 1439	1305 / 1442	1307 / 1443
Total Time (min)	165	74	101	103	99	97	96
Flow Rate	15.0 / 15.0	15.0 / 15.0	15.0 / 15.0	15.0 / 15.0	15.0 / 15.0	15.0 / 15.0	15.0 / 15.0
Total Volume (l)	2475	1110	1515	1545	1485	1455	1440
FB — BFB / FL — BFL	10/100	10/100	6/100	8/100	0/100	14/100	5/100
Filter Fiber Conc. (fibers/mm²)	12.7	12.23	7.34	9.79	0	17.13	6.11
Airborne Fiber Conc. (fibers/cc)	0.002 ✓	.004 ✓	.0012 (NP)	.0073 (NP)	ND <.0012 (NP)	.0015 (NP)	ND <.0012 (NP)

STANDARDS
<0.01 f/cc – EPA Re-Occupancy Clearance Criteria
0.10 f/cc – OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc – OSHA 30 min Excursion Level
ND – Non Detected, less than the limit of detection
Limit of Detection – 5.5 fibers/100 fields

Relinquished by: Tom [illegible] Date 8/17/11 Time
Received By: K Williamson Date 8/17/11 Time 1400
Relinquished by: Date Time
Received by Laboratory: Date Time

TRC Laboratory Asbestos Analytical Certifications:
CT#PH-0426 MA#AA000052 NY#10980 RI#AAL-007C3
ME#LB-0071 VA#3333000283 TX#300354 VT#AL014538
AIHA/PAT#100122

Condition of Sample: gr
Acceptable: Y ✓ N
Comments:

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab
299	8/100	KW 8/26/11	lab

Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

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AIR SAMPLE ANALYSIS REPORT

Project No.: 115058-0820-04 Date: 7/28/11 Page 3 of 3

Client: City of New Bedford

Site: New Bedford High Sch.

Address: 230 Hathaway Blvd
New Bedford, MA

Sampler Print: T. Martin / Joseph Cooney Signature: T. Martin / Joseph Cooney Date: 7/28/11

Analyst Print: Joseph Cooney Signature: Joseph Cooney Date Analyzed: 7-29-11

QC Analyst Print: K Williamson Signature: K Williamson Date Analyzed: 8/18/11

Lab Supervisor Print: K Williamson Signature: K Williamson Date Issued:

Contact/Name: _____ Phone: _____

Rotometer No.: L-19/H-3 Date of Calibration: 5/2/11 Lab No. 39611

Microscope No. 213374 Received in Lab for Analysis: ☐ QC Only: ☒

Sample Type: PCM ☒ TEM ☐ Other: _____ Analysis Method: NIOSH 7400 ☒ AHERA ☐ Other: _____
Issue 2 8/15/94 A rules

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.369	0.608
20.5 to 50/100	0.296	0.502
>50/100	0.205	0.454

Sample No.	305	306					
Sampling Location/Comments	F.B.	F.B.					
Type of Sample							
Pump Number							
Start Time/Stop Time							
Total Time (min)							
Flow Rate							
Total Volume (l)							
FB — BFB / FL — BFL	0/100	0/100					
Filter Fiber Conc. (fibers/mm²)	—	—					
Airborne Fiber Conc. (fibers/cc)	—	—					

STANDARDS
<0.01 f/cc – EPA Re-Occupancy Clearance Criteria
0.10 f/cc – OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc – OSHA 30 min Excursion Level
ND – Non Detected, less than the limit of detection
Limit of Detection – 5.5 fibers/100 fields

Relinquished by: Tom Martin Date 7/27/11 Time _____
Received By: K Williamson Date 8/17/11 Time 1400
Relinquished by: _____ Date _____ Time _____
Received by Laboratory: _____ Date _____ Time _____

TRC Laboratory Asbestos Analytical Certifications:
CT#PH-0426 MA#AA000052 NY#10980 RI#AAL-007C3
ME#LB-0071 VA#3333000283 TX#300354 VT#AL014538
AIHA/PAT#100122

Condition of Sample: OK
Acceptable: Y ✓ N _____
Comments: _____

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab

Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

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AIR SAMPLE ANALYSIS REPORT

Project No.: 115058-0820-04 Date: 7/29/11 Page 1 of 2

Client: City of New Bedford
Site: New Bedford High Sch.
Address: 230 Hathaway Blvd
New Bedford, MA

Sampler Print: T Martin / Joseph Cooney Signature: [signature] Date: 7/29/11
Analyst Print: Joseph Cooney Signature: [signature] Date Analyzed: 7-29-11
QC Analyst Print: T Martin / KW Signature: [signature] Date Analyzed: 8/1/11
Lab Supervisor Print: KW Williamson Signature: [signature] Date Issued:

Contact/Name: Phone:
Rotometer No.: L-19/H-3 Date of Calibration: 5/2/11 Lab No. 39611
Microscope No. 213374 Received in Lab for Analysis: ☐ QC Only: ☒

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.369	0.608
20.5 to 50/100	0.296	0.502
>50/100	0.205	0.454

Sample Type: PCM ☒ TEM ☐ Other: Analysis Method: NIOSH 7400 Issue 2 8/15/94 ☒ AHERA A rules ☐ Other:

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Sample No.	307		308		309		310		311		312		313	
Sampling Location/Comments	2nd FL-Core Rm B-274		Rm B-275		Rm B-284		Hallway o/s Rms B-280/281		Rm B-292		hallway o/s Rm B-292		2nd Flr Hallway @ Rm 213	
Type of Sample	4		4		4		4		4		4		4	
Pump Number														
Start Time/Stop Time	0715	0845	0730	0945	0737	0950	0740	1205	0745	1010	0820	1208	1213	1348
Total Time (min)	90		135		133		265		145		228		95	
Flow Rate	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
Total Volume (l)	1350		2025		1995		3975		2175		3420		1425	
FB — BFB / FL — BFL	0/100		8/100		6/100		1/100		9/100		3.5/100		26/100	
Filter Fiber Conc. (fibers/mm²)	0		9.79		7.34		1.22		11.01		4.28		14.6	
Airborne Fiber Conc. (fibers/cc)	ND<.002		.0012		.0012		ND<.0006 (0.0007)		.002		ND<.00078		0.009	

STANDARDS
<0.01 f/cc – EPA Re–Occupancy Clearance Criteria
0.10 f/cc – OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc – OSHA 30 min Excursion Level
ND< – Non Detected, less than the limit of detection
Limit of Detection – 5.5 fibers/100 fields

Relinquished by: [signature] Date 7/17/11 Time
Received By: [signature] Date 8/17/11 Time 1400
Relinquished by: Date Time
Received by Laboratory: Date Time

TRC Laboratory Asbestos Analytical Certifications:
CT#PH-0426 MA#AA000052 NY#10980 RI#AAL-007C3
ME#LB-0071 VA#3333000283 TX#300354 VT#AL014538
AIHA/PAT#100122

Condition of Sample: OK
Acceptable: Y ✓ N
Comments:

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab
313	25.5/100	TM 8/1/11	
307	0/100	KW 8/26/11	Lab

Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

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AIR SAMPLE ANALYSIS REPORT

Project No.: 115058-0820-04 Date: 7/29/11 Page 2 of 2

Client: City of New Bedford
Site: New Bedford High Sch.
Address: 230 Hathaway Blvd
New Bedford, MA

Sampler Print: T. Martin / Joseph Cooney Signature: [signature] Date: 7/29/11
Analyst Print: Joseph Cooney Signature: [signature] Date Analyzed: 7-29-11
QC Analyst Print: T. Martin Signature: [signature] Date Analyzed: 8/1/11
Lab Supervisor Print: K. Williamson Signature: [signature] Date Issued:

Contact/Name: Phone:

Rotometer No.: L-19/H-3 Date of Calibration: 5/2/11 Lab No. 39611
Microscope No. 213374 Received in Lab for Analysis: ☐ QC Only: ☒

Sample Type: PCM ☒ TEM ☐ Other: Analysis Method: NIOSH 7400 ☒ AHERA ☐ Other:
Issue 2 8/15/94 A rules

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.369	0.608
20.5 to 50/100	0.296	0.502
>50/100	0.205	0.454

Sample No.	314	315	316	317	~~318~~	~~319~~	~~320~~
Sampling Location/Comments	2ND Flr Hallway @ Rm 240	2ND Flr - Hallway @ Rm 292	Field Blank	Field Blank			
Type of Sample	4	4	~~4~~	~~4~~	~~4~~	~~4~~	
Pump Number							
Start Time/Stop Time	1215 / 1350	1217 / 1352					
Total Time (min)	95	95					
Flow Rate	15.0 / 15.0	15.0 / 15.0					
Total Volume (l)	1425	1425					
FB — BFB / FL — BFL	22/100	32/100	0/100	0/100			
Filter Fiber Conc. (fibers/mm²)	28.0	40.8	—	—			
Airborne Fiber Conc. (fibers/cc)	0.008	0.011	—	—			

STANDARDS
<0.01 f/cc – EPA Re-Occupancy Clearance Criteria
0.10 f/cc – OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc – OSHA 30 min Excursion Level
ND – Non Detected, less than the limit of detection
Limit of Detection – 5.5 fibers/100 fields

Relinquished by: [signature] Date 8/17/11 Time
Received By: [signature] Date 8/17/11 Time 1400
Relinquished by: Date Time
Received by Laboratory: Date Time

TRC Laboratory Asbestos Analytical Certifications:
CT#PH-0426 MA#AA000052 NY#10980 RI#AAL-007C3
ME#LB-0071 VA#3333000283 TX#300354 VT#AL014538
AIHA/PAT#100122

Condition of Sample: OK
Acceptable: Y ✓ N
Comments:

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab
314	23/100	[signature] 8/1/11	

Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

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AIR SAMPLE ANALYSIS REPORT

Project No.: 115058-0820-0004 Date: 8/1/11 Page 1 of 2

Client: City of New Bedford Sampler Print: T. Martin/Tony Grondin Signature: [illegible] Date: 8/1/11

Site: New Bedford H.S. Analyst Print: T. Martin Signature: [illegible] Date Analyzed: 8/1&2/11

Address: 230 Hathaway Blvd New Bedford, MA QC Analyst Print: T. Martin / KW Signature: [illegible] Date Analyzed: 8/1&2/11

Lab Supervisor Print: K Williamson Signature: K. Williamson Date Issued:

Contact/Name: Phone: Rotometer No.: L-19/H-3 Date of Calibration: 5/2/11 Lab No. 39611

Microscope No. 213374 Received in Lab for Analysis: ☐ QC Only: ☒

Sample Type: PCM ☒ TEM ☐ Other: Analysis Method: NIOSH 7400 ☒ AHERA ☐ Other:
Issue 2 8/15/94 A rules

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.369	0.608
20.5 to 50/100	0.296	0.502
>50/100	0.205	0.454

Sample No.	318		319		320		321		322		323		324	
Sampling Location/Comments	2nd FL-Outer core Rm B-240		Rm B-242		Hallway to Green Hse		Rm B-230		Rm B-229		Hallway to Gold Hse		Rm B-254	
Type of Sample	4		4		4		4		4		4		4	
Pump Number														
Start Time/Stop Time	0723	0922	0723	0924	0735	0942	0737	0945	0745	1450	0826	1045	0910	1106
Total Time (min)	119 ~~179~~		121 ~~181~~		127		127		425		139		116	
Flow Rate	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	~~15.0~~ 2.5		15.0	15.0	15.0	15.0
Total Volume (l)	1785		1815		1905		1905		1063		2085		1740	
FB — BFB / FL — BFL	9/100		24/100		20/100		10/100		2/100		13/100		66/100	
Filter Fiber Conc. (fibers/mm²)	11.5		26.7		25.5		12.7		2.5		16.6		84.1	
Airborne Fiber Conc. (fibers/cc)	0.002 ✓		0.006 ✓		0.005 ✓		0.003 ✓		ND<0.003 ✓		0.003 ✓		0.019 ✓	

STANDARDS
<0.01 f/cc – EPA Re-Occupancy Clearance Criteria
0.10 f/cc – OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc – OSHA 30 min Excursion Level
ND< – Non Detected, less than the limit of detection
Limit of Detection – 5.5 fibers/100 fields

Relinquished by: [illegible] Date 8/2/11 Time
Received By: K Williamson Date 8/17/11 Time 1400
Relinquished by: Date Time
Received by Laboratory: Date Time

TRC Laboratory Asbestos Analytical Certifications:
CT#PH-0426 MA#AA000052 NY#10980 RI#AAL-007C3
ME#LB-0071 VA#3333000283 TX#300354 VT#AL014538
AIHA/PAT#100122

Condition of Sample: OK
Acceptable: Y — N
Comments:

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab
321	11/100	[illegible] 8/1/11	
322	1/100	[illegible] 8/1&2/11	Lab

Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

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AIR SAMPLE ANALYSIS REPORT

Project No.: 115058-0820-0004 Date: 8/1/11 Page 2 of 2

Client: City of New Bedford Sampler Print: T. Martin/T. Gradin Signature: [illegible] Date: 8/1/11

Site: New Bedford H.S. Analyst Print: T. Martin Signature: [illegible] Date Analyzed: 8/1&2/11

Address: 230 Hathaway Blvd, New Bedford, MA QC Analyst Print: T. Martin / KW Signature: [illegible] Date Analyzed: 8/1&2/11

Lab Supervisor Print: K Williamson Signature: K Williamson Date Issued:

Contact/Name: Phone: Rotometer No.: 1-19/H-3 Date of Calibration: 5/2/11 Lab No. 39611

Microscope No. 213374 Received in Lab for Analysis: ☐ QC Only: ☒

Sample Type: PCM ☒ TEM ☐ Other: Analysis Method: NIOSH 7400 ☒ AHERA ☐ Other:
Issue 2 8/15/94 A rules

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.369	0.608
20.5 to 50/100	0.296	0.502
>50/100	0.205	0.454

Sample No.	325	326	327	328	329	330	331	332
Sampling Location/Comments	2nd FL - Outer Core Rm B-212	Rm B-253	2nd FL Rm B210	2nd FL Rm B211	2nd FL Rm B-267	2nd FL Rm B-265	FB	FB2
Type of Sample	4	4	4	4	4	4		
Pump Number								
Start Time/Stop Time	1043 / 1334	1045 / 1305	1304 / 1436	1315 / 1442	1330 / 1452	1338 / 1456		
Total Time (min)	171	140	92	87	82	78		
Flow Rate	15.0 / 15.0	15.0 / 15.0	15.0 / 15.0	15.0 / 15.0	15.0 / 15.0	15.0 / 15.0		
Total Volume (l)	2565	2100	1380	1305	1230	1170		
FB — BFB / FL — BFL	17/100	46/100	4/100	1/100	0/100	5/100	0/100	0/100
Filter Fiber Conc. (fibers/mm²)	21.7	58.6	5.1	1.3	0	6.4	—	—
Airborne Fiber Conc. (fibers/cc)	0.003 ✓	0.011 ✓	ND<0.002 ✓	ND<0.002 ✓	ND<0.002 ✓	ND<0.002 ✓	—	—

STANDARDS
<0.01 f/cc – EPA Re-Occupancy Clearance Criteria
0.10 f/cc – OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc – OSHA 30 min Excursion Level
ND< – Non Detected, less than the limit of detection
Limit of Detection – 5.5 fibers/100 fields

Relinquished by: [illegible] Date 8/2/11 Time
Received By: K Williamson Date 8/17/11 Time 1400
Relinquished by: Date Time
Received by Laboratory: Date Time

TRC Laboratory Asbestos Analytical Certifications:
CT#PH-0426 MA#AA000052 NY#10980 RI#AAL-007C3
ME#LB-0071 VA#3333000283 TX#300354 VT#AL014538
AIHA/PAT#100122

Condition of Sample: OK
Acceptable: Y ✓ N
Comments:

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab
325	19/100	TM 8/2/11	
327	5/100	KW 8/26/11	[illegible]

Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

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AIR SAMPLE ANALYSIS REPORT

Project No.: 115058-0820-0004 Date: 8/2/11 Page 1 of 2

Client: City of New Bedford Sampler Print: T. Martin / T. Grondin Signature: [signature] Date: 8/2/11

Site: New Bedford H.S. Analyst Print: T. Martin Signature: [signature] Date Analyzed: 8/2/11

Address: 230 Hathaway Blvd, New Bedford, MA QC Analyst Print: T. Martin / KW Signature: [signature] Date Analyzed: 8/2/11

Lab Supervisor Print: K Williamson Signature: [signature] Date Issued:

Contact/Name: _____ Phone: _____ Rotometer No.: L-19/H-3 Date of Calibration: 5/2/11 Lab No. 39611

Microscope No. 213374 Received in Lab for Analysis: ☐ QC Only ☒

Sample Type: PCM ☒ TEM ☐ Other: _____ Analysis Method: NIOSH 7400 Issue 2 8/15/94 ☒ AHERA A rules ☐ Other: _____

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.369	0.608
20.5 to 50/100	0.296	0.502
>50/100	0.205	0.454

Sample No.	333		334		335		336		337		338		339	
Sampling Location/Comments	2nd Floor Outer Core Rm B-213		2nd Floor Outer Core Rm B-217		2nd Floor Hallway Tan House @ Custodial Closet		2nd Floor Hallway Blue House @ side entry B-267		1st Floor Outer Core Rm B-115		1st Floor Outer Core Rm B-116		1st Floor Hallway (Core) @ Rm B-116	
Type of Sample	4		4		4		4		4		4		4	
Pump Number														
Start Time/Stop Time	0720	0922	0739	0926	0817	0942	0929	1052	1021	1148	1023	1150	1107	1230
Total Time (min)	122		107		85		83		87		87		83	
Flow Rate	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
Total Volume (l)	1830		1605		1275		1245		1305		1305		1245	
FB — BFB / FL — BFL	14/100		3/100		22/100		13/100		6/100		12/100		14/100	
Filter Fiber Conc. (fibers/mm²)	17.8		3.8		28.0		16.6		7.6		15.3		17.8	
Airborne Fiber Conc. (fibers/cc)	0.004		ND<0.002		0.008		0.005		0.002		0.005		0.006	

STANDARDS
<0.01 f/cc – EPA Re-Occupancy Clearance Criteria
0.10 f/cc – OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc – OSHA 30 min Excursion Level
ND< – Non Detected, less than the limit of detection
Limit of Detection – 5.5 fibers/100 fields

Relinquished by: [signature] Date 8/17/11 Time _____
Received By: [signature] Date 8/17/11 Time 1400
Relinquished by: _____ Date _____ Time _____
Received by Laboratory: _____ Date _____ Time _____

TRC Laboratory Asbestos Analytical Certifications:
CT#PH-0426 MA#AA000052 NY#10980 RI#AAL-007C3
ME#LB-0071 VA#3333000283 TX#300354 VT#AL014538
AIHA/PAT#100122

Condition of Sample: ok
Acceptable: Y ✓ N ____
Comments: _____

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab
336	11/100	[signature] 8/2/11	

Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

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AIR SAMPLE ANALYSIS REPORT

Project No.: 115058-0820-0004 Date: 8/2/11 Page 2 of 2

Client: City of New Bedford Sampler Print: T. Martin / T. Grondin Signature: [illegible] Date: 8/2/11

Site: New Bedford H.S. Analyst Print: T. Martin / Signature: [illegible] Date Analyzed: 8/2/11

Address: 230 Hathaway Blvd QC Analyst Print: T. Martin / KW Signature: [illegible] Date Analyzed: 8/2/11

New Bedford, MA Lab Supervisor Print: Lee Williamson Signature: K. Williamson ~~Date Issued:~~

Contact/Name: _____ Phone: _____ Rotometer No.: L-19/H-3 Date of Calibration: 5/2/11 Lab No. 39611

Microscope No. 213374 Received in Lab for Analysis: ☐ QC Only ☒

Sample Type: PCM ☒ TEM ☐ Other: _____ Analysis Method: NIOSH 7400 ☒ AHERA ☐ Other: _____
Issue 2 8/15/94 A rules

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.369	0.608
20.5 to 50/100	0.296	0.502
>50/100	0.205	0.454

Sample No.	340		341		342		343		344		345	346
Sampling Location/Comments	1st Floor Green House Cafe (Core) Rm B-118		1st Floor Hallway (core) @ B-154 In Doorway		1st Floor Outter core Rm B-122		1st Floor Outter core Rm 127 Gold House Cafe		1st Floor Outter core Rm B-129		FB	FB
Type of Sample	4		4		4		4		4			
Pump Number												
Start Time/Stop Time	1114	1330	1258	1435	1321	1444	1356	1451	1358	1453		
Total Time (min)	136		97		83		55		55			
Flow Rate	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0		
Total Volume (l)	2040		1455		1245		825		825			
FB — BFB / FL — BFL	33/100		14/100		19/100		14/100		4/100		0/100	0/100
Filter Fiber Conc. (fibers/mm²)	42.0		17.8		24.2		17.8		5.1		—	—
Airborne Fiber Conc. (fibers/cc)	0.008		0.005		0.007		0.008		ND<0.003		—	—

STANDARDS
<0.01 f/cc – EPA Re-Occupancy Clearance Criteria
0.10 f/cc – OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc – OSHA 30 min Excursion Level
ND< – Non Detected, less than the limit of detection
Limit of Detection – 5.5 fibers/100 fields

Relinquished by: [illegible] Date 8/17/11 Time _____
Received By: K. Williamson Date 8/17/11 Time 1400
Relinquished by: _____ Date _____ Time _____
Received by Laboratory: _____ Date _____ Time _____

TRC Laboratory Asbestos Analytical Certifications:
CT#PH-0426 MA#AA000052 NY#10980 RI#AAL-007C3
ME#LB-0071 VA#3333000283 TX#300354 VT#AL014538
AIHA/PAT#100122

Condition of Sample: _____
Acceptable: Y ✓ N _____
Comments: _____

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab
344	3/100	[illegible] 8/2/11	
343	16/100	KW 8/26/11	lab

Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

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AIR SAMPLE ANALYSIS REPORT

Project No.: 115058-0820-0004 Date: 8/3/11 Page 1 of 2

Client: City of New Bedford Sampler Print: T. Martin / T. Grondin Signature: [signature] Date: 8/3/11

Site: New Bedford H.S. Analyst Print: T. Martin Signature: [signature] Date Analyzed: 8/4/11

Address: 230 Hathaway Blvd, New Bedford, MA QC Analyst Print: T. Martin / KW Signature: [signature] Date Analyzed: 8/4/11

Lab Supervisor Print: K. Williamson Signature: K. Williamson ~~Issued:~~

Contact/Name: _____ Phone: _____ Rotometer No.: L-19/H-3 Date of Calibration: 5/2/11 Lab No. 39611

Microscope No. 213374 Received in Lab for Analysis: ☐ QC Only ☒

Sample Type: PCM ☒ TEM ☐ Other: _____ Analysis Method: NIOSH 7400 ☒ AHERA ☐ Other: _____
Issue 2 8/15/94 A rules

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.369	0.608
20.5 to 50/100	0.296	0.502
>50/100	0.205	0.454

Sample No.	347		348		349		350		351		352		353	
Sampling Location/Comments	1st Floor Outter Core Tan House Cafe Rm B-131		1st Floor Core Hallway @ Tan House Entry		1st Floor Outter Core Rm B-135 Dishwashing		3rd Floor Outter Core Rm B-319 (resample)		3rd Floor Outter Core Rm B-332 (resample)		1st Floor Inner Core Rm B-154 Kitchen		1st Floor Inner Core Rm B-155	
Type of Sample	4		4		4		4		4		4		4	
Pump Number														
Start Time/Stop Time	0712	0837	0826	1014	0820	1011	1046	1224	1048	1227	1112	1331	1334	1451
Total Time (min)	85		108		111		98		99		139		77	
Flow Rate	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
Total Volume (l)	1275		1620		1665		1470		1485		2085		1155	
FB — BFB / FL — BFL	24/100		27/100		31/100		1/100		2/100		11/100		9/100	
Filter Fiber Conc. (fibers/mm²)	30.6		34.4		39.5		1.3		2.5		14.0		11.5	
Airborne Fiber Conc. (fibers/cc)	0.009		0.008		0.009		ND < 0.002		ND < 0.002		0.003		0.004	

STANDARDS
<0.01 f/cc – EPA Re-Occupancy Clearance Criteria
0.10 f/cc – OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc – OSHA 30 min Excursion Level
ND< – Non Detected, less than the limit of detection
Limit of Detection – 5.5 fibers/100 fields

Relinquished by: [signature] Date 8/17/11 Time _____
Received By: K. Williamson Date 8/17/11 Time 1400
Relinquished by: _____ Date _____ Time _____
Received by Laboratory: _____ Date _____ Time _____

TRC Laboratory Asbestos Analytical Certifications:
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ME#LB-0071 VA#3333000283 TX#300354 VT#AL014538
AIHA/PAT#100122

Condition of Sample: OK
Acceptable: Y ✓ N ____
Comments: _____

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab
349	29/100	[signature] 8/4/11	
348	30/100	[signature] 8/26/11	Lab

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AIR SAMPLE ANALYSIS REPORT

Project No.: 115058-0820-0004 Date: 8/3/11 Page 2 of 2

Client: City of New Bedford Sampler Print: T. Martin / T. Gronein Signature: [signature] Date: 8/3/11

Site: New Bedford H.S. Analyst Print: T. Martin Signature: [signature] Date Analyzed: 8/4/11

Address: 230 Hathaway Blvd QC Analyst Print: T. Martin / KW Signature: [signature] Date Analyzed: 8/4/11

New Bedford, MA Lab Supervisor Print: K. Williamson Signature: K. Williamson ~~Issued:~~

Contact/Name: _____ Phone: _____ Rotometer No.: L-19/H-3 Date of Calibration: 5/2/11 Lab No. 39611

Microscope No. 213374 Received in Lab for Analysis: ☐ QC Only ☒

Sample Type: PCM ☒ TEM ☐ Other: _____ Analysis Method: NIOSH 7400 ☒ AHERA ☐ Other: _____
Issue 2 8/15/94 A rules

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.369	0.608
20.5 to 50/100	0.296	0.502
>50/100	0.205	0.454

Sample No.	354	355	356				
Sampling Location/Comments	1st Floor Inner Core Rm B-154 Kitchen	FB	FB				
Type of Sample	4						
Pump Number							
Start Time/Stop Time	1347 / 1458						
Total Time (min)	71						
Flow Rate	1.50 / 1.50						
Total Volume (l)	1065						
FB — BFB / FL — BFL	3/100	0/100	0/100				
Filter Fiber Conc. (fibers/mm²)	3.8	—	—				
Airborne Fiber Conc. (fibers/cc)	ND<0.003	—	—				

STANDARDS
<0.01 f/cc – EPA Re-Occupancy Clearance Criteria
0.10 f/cc – OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc – OSHA 30 min Excursion Level
ND< – Non Detected, less than the limit of detection
Limit of Detection – 5.5 fibers/100 fields

Relinquished by: [signature] Date 8/17/11 Time _____
Received By: K. Williamson Date 8/17/11 Time 1400
Relinquished by: _____ Date _____ Time _____
Received by Laboratory: _____ Date _____ Time _____

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CT#PH-0426 MA#AA000052 NY#10980 RI#AAL-007C3
ME#LB-0071 VA#3333000283 TX#300354 VT#AL014538
AIHA/PAT#100122

Condition of Sample: ✓
Acceptable: Y ✓ N _____
Comments: _____

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab
354	3/100	KW 8/4/11	

Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

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AIR SAMPLE ANALYSIS REPORT

Project No.: 115058-0820-0004 Date: 8/4/11 Page 1 of 3

Client: City of New Bedford Sampler Print: T. Martin / T. Grondin Signature: [illegible] / [illegible] Date: 8/4/11

Site: New Bedford H.S. Analyst Print: T. Martin Signature: [illegible] Date Analyzed: 8/5/11

Address: 230 Hathaway Blvd, New Bedford, MA QC Analyst Print: T. Martin / KW Signature: [illegible] Date Analyzed: 8/5/11

Lab Supervisor Print: K. Williamson Signature: K. Williamson Date Issued:

Contact/Name: _____ Phone: _____ Rotometer No.: L-19/H-3 Date of Calibration: 5/2/11 Lab No. 39611

Microscope No. 213374 Received in Lab for Analysis: ☐ QC Only ☒

Sample Type: PCM ☒ TEM ☐ Other: _____ Analysis Method: NIOSH 7400 ☒ AHERA ☐ Other: _____
Issue 2 8/15/94 A rules

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.369	0.608
20.5 to 50/100	0.296	0.502
>50/100	0.205	0.454

Sample No.	357		358		359		360		361		362		363	
Sampling Location/Comments	1st FL - hallway o/s Dining Com. 3		1st FL - o/s Rm B-147 in hallway		1st - Rm B-107		1st - hallway o/s Rm B-109		1st Floor Rm B-150 Storage		1st Floor Inner Core Rm B-147 Can Wash		1st Floor Inner Core Rm B-148 Kitchen Help Dining	
Type of Sample	4		4		4		4		4		4		4	
Pump Number														
Start Time/Stop Time	0734	0929	0738	0930	0742	0931	0744	0933	0902	1016	0909	1017	0911	1019
Total Time (min)	115		112		109		109		74		68		68	
Flow Rate	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
Total Volume (l)	1725		1680		1635		1635		1110		1020		1020	
FB — BFB / FL — BFL	12/100		16/100		* 88/100		10/100		13/100		11/100		3/100	
Filter Fiber Conc. (fibers/mm²)	15.3		20.4		112.1		12.7		16.6		14.0		3.8	
Airborne Fiber Conc. (fibers/cc)	0.003		0.005		0.026		0.003		0.006		0.005		ND<0.003	

STANDARDS * appears to be fiber fibers (mm)
<0.01 f/cc – EPA Re-Occupancy Clearance Criteria
0.10 f/cc – OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc – OSHA 30 min Excursion Level
ND< – Non Detected, less than the limit of detection
Limit of Detection – 5.5 fibers/100 fields

Relinquished by: [illegible] Date 8/17/11 Time _____
Received By: K. Williamson Date 8/17/11 Time 1400
Relinquished by: _____ Date _____ Time _____
Received by Laboratory: _____ Date _____ Time _____

TRC Laboratory Asbestos Analytical Certifications:
CT#PH-0426 MA#AA000052 NY#10980 RI#AAL-007C3
ME#LB-0071 VA#3333000283 TX#300354 VT#AL014538
AIHA/PAT#100122

Condition of Sample: OK
Acceptable: Y ✓ N _____
Comments: _____

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab
362	11/100	[illegible] 8/5/11	
363	2/100	KW 8/26/11	[illegible]

Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

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AIR SAMPLE ANALYSIS REPORT

Project No.: 115058-0820-0004 Date: 8/4/11 Page 2 of 3

Client: City of New Bedford Sampler Print: T. Martin / T. Grondin Signature: [illegible] Date: 8/4/11

Site: New Bedford H.S. Analyst Print: T. Martin Signature: [illegible] Date Analyzed: 8/5/11

Address: 230 Hathaway Blvd, New Bedford, MA QC Analyst Print: T. Martin / KW Signature: [illegible] Date Analyzed: 8/5/11

Lab Supervisor Print: K Williamson Signature: K. Williamson Date Issued:

Contact/Name: Phone: Rotometer No.: L-19/H-3 Date of Calibration: 5/2/11 Lab No. 39611

Microscope No. 213374 Received in Lab for Analysis: ☐ QC Only ☒

Sample Type: PCM ☒ TEM ☐ Other: Analysis Method: NIOSH 7400 ☒ AHERA ☐ Other:
Issue 2 8/15/94 A rules

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.369	0.608
20.5 to 50/100	0.296	0.502
>50/100	0.205	0.454

Sample No.	364		365		366		367		368		369		370	
Sampling Location/Comments	1st Floor Rm B-107		1st Floor o/s Rm B-147 in Hallway Inner Core		1st Floor Hallway Between Blue House and Tan House		1st Floor Hallway E-Block o/s East Gym		1st Floor Hallway Tan House		1st Floor Hallway E-Block o/s East Gym		1st Floor Hallway Gold House	
Type of Sample	4		4		4		4		4		4		4	
Pump Number														
Start Time/Stop Time	0932	1051	1010	1117	1033	1143	1046	1237	1112	1233	1237	1345	1253	1355
Total Time (min)	789		67		70		111		81		68		62	
Flow Rate	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
Total Volume (l)	~~1335~~ 1185		1005		1050		1665		1215		1020		930	
FB — BFB / FL — BFL	*104/49		4/100		5/100		1/100		2/100		0/100		10/100	
Filter Fiber Conc. (fibers/mm²)	270.4		5.1		6.4		1.3		2.5		—		12.7	
Airborne Fiber Conc. (fibers/cc)	0088 ~~0.078~~ (KW)		ND<0.003		ND<0.003		ND<0.002		ND<0.002		ND<0.003		0.005	

STANDARDS
<0.01 f/cc – EPA Re-Occupancy Clearance Criteria
0.10 f/cc – OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc – OSHA 30 min Excursion Level
ND< – Non Detected, less than the limit of detection
Limit of Detection – 5.5 fibers/100 fields

Relinquished by: [illegible] Date 8/17/11 Time
Received By: K Williamson Date 8/17/11 Time 1400
Relinquished by: Date Time
Received by Laboratory: Date Time

TRC Laboratory Asbestos Analytical Certifications:
CT#PH-0426 MA#AA000052 NY#10980 RI#AAL-007C3
ME#LB-0071 VA#3333000283 TX#300354 VT#AL014538
AIHA/PAT#100122

Condition of Sample: a
Acceptable: Y ✓ N
Comments:

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab
368	1/100	TM 8/5/11	
366	5/100	KW 8/26/11	Lab

Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

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AIR SAMPLE ANALYSIS REPORT

Project No.: 115058-0820-0004 Date: 8/4/11 Page 3 of 3

Client: City of New Bedford Sampler Print: T. Martin / T. Grondin Signature: [signature] Date: 8/4/11

Site: New Bedford H.S. Analyst Print: T. Martin Signature: [signature] Date Analyzed: 8/5/11

Address: 230 Hathaway Blvd QC Analyst Print: T. Martin / KW Signature: [signature] Date Analyzed: 8/5/11

New Bedford, MA Lab Supervisor Print: K Williamson Signature: K. Williamson Date Issued:

Contact/Name: Phone: Rotometer No.: L-19/H-3 Date of Calibration: 5/2/11 Lab No. 39611

Microscope No. 213374 Received in Lab for Analysis: ☐ QC Only ☒

Sample Type: PCM ☒ TEM ☐ Other: Analysis Method: NIOSH 7400 ☒ AHERA ☐ Other:
Issue 2 8/15/94 A rules

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.369	0.608
20.5 to 50/100	0.296	0.502
>50/100	0.205	0.454

Sample No.	371		372		373		374	375						
Sampling Location/Comments	1st Floor Hallway Between Gold House and Green House		1st Floor Hallway E-Block o/s East Gym		1st Floor Hallway Green House		FB	FB						
Type of Sample	4		4		4									
Pump Number														
Start Time/Stop Time	1315	1425	1346	1445	1357	1447								
Total Time (min)	70		59		50									
Flow Rate	15.0	15.0	15.0	15.0	15.0	15.0								
Total Volume (l)	1050		885		750									
FB — BFB FL — BFL	14/100		2/100		3/100		0/100	0/100						
Filter Fiber Conc. (fibers/mm²)	17.8		2.5		3.8		—	—						
Airborne Fiber Conc. (fibers/cc)	0.007		ND<0.003		ND<0.004		—	—						

STANDARDS
<0.01 f/cc – EPA Re-Occupancy Clearance Criteria
0.10 f/cc – OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc – OSHA 30 min Excursion Level
ND< – Non Detected, less than the limit of detection
Limit of Detection – 5.5 fibers/100 fields

Relinquished by: [signature] Date 8/17/11 Time
Received By: K Williamson Date 8/17/11 Time 1400
Relinquished by: Date Time
Received by Laboratory: Date Time

TRC Laboratory Asbestos Analytical Certifications:
CT#PH-0426 MA#AA000052 NY#10980 RI#AAL-007C3
ME#LB-0071 VA#3333000283 TX#300354 VT#AL014538
AIHA/PAT#100122

Condition of Sample: OK
Acceptable: Y ✓ N
Comments:

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab
373	4/100	[signature] 8/5/11	

Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

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AIR SAMPLE ANALYSIS REPORT

Project No.: 115058-0820-0004 Date: 8/5/11 Page 1 of 3

Client: City of New Bedford Sampler Print: T. Martin / T. Grondin Signature: [signature] Date: 8/5/11

Site: New Bedford H.S. Analyst Print: T. Martin Signature: [signature] Date Analyzed: 8/8/11

Address: 230 Hathaway Blvd QC Analyst Print: T. Martin / KW Signature: [signature] Date Analyzed: 8/8/11

New Bedford, MA Lab Supervisor Print: KW Williamson Signature: K Williamson Date Issued: 8/18/11

Contact/Name: _____ Phone: _____ Rotometer No.: L-19/H-3 Date of Calibration: 5/2/11 Lab No. 39611

Microscope No. 213374 Received in Lab for Analysis: ☐ QC Only ☒

Sample Type: PCM ☒ TEM ☐ Other: _____ Analysis Method: NIOSH 7400 ☒ AHERA ☐ Other: _____
Issue 2 8/15/94 A rules

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.369	0.608
20.5 to 50/100	0.296	0.502
>50/100	0.205	0.454

Sample No.	376 ✓	377 ✓	378 ✓	379 ✓	380 ✓	* 384 ✓	385 ✓
Sampling Location/Comments	1st Floor Hallway E-Block @ East Gym	1st Floor Hallway E-Block @ East Gym	Gentlemens Restroom accross from East Gym	1st Floor Core Blue House Hallway	Ladies Restroom accross from East Gym	1st Floor Recieving Office ~~Rm B-110~~ Hall B-112	1st Floor Recieving Office Rm B-110
Type of Sample	4	4	4	4	4	4	4
Pump Number							
Start Time/Stop Time	0743 / 0915	0916 / 1021	0918 / 1023	1003 / 1101	1113 / 1242	1110 / 1706	1235 / 1344
Total Time (min)	92	65	65	58	89	356	69
Flow Rate	15.0 / 15.0	15.0 / 15.0	15.0 / 15.0	15.0 / 15.0	15.0 / 15.0	2.5 / 2.5	15.0 / 15.0
Total Volume (l)	1380	975	975	870	1335	890	1035
FB — BFB / FL — BFL	0/100	0/100	6/100	11/100	0/100	4/100	10/100
Filter Fiber Conc. (fibers/mm²)	⊖	⊖	76	14.1	⊖	5.1	12.7
Airborne Fiber Conc. (fibers/cc)	ND<0.002	ND<0.003	0.003	0.006	ND<0.002	ND<0.003	0.005

STANDARDS
<0.01 f/cc – EPA Re-Occupancy Clearance Criteria
0.10 f/cc – OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc – OSHA 30 min Excursion Level
ND< – Non Detected, less than the limit of detection
Limit of Detection – 5.5 fibers/100 fields

Relinquished by: [signature] Date 8/17/11 Time _____
Received By: K Williamson Date 8/17/11 Time 1400
Relinquished by: _____ Date _____ Time _____
Received by Laboratory: _____ Date _____ Time _____

TRC Laboratory Asbestos Analytical Certifications:
CT#PH-0426 MA#AA000052 NY#10980 RI#AAL-007C3
ME#LB-0071 VA#3333000283 TX#300354 VT#AL014538
AIHA/PAT#100122

Condition of Sample: OK
Acceptable: Y ✓ N _____
Comments: _____

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab
377	0/100	TM 8/8/11	
380	0/100	KW 8/26/11	Lab

Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

* #'s 381, 382 + 383 were TEM AHERA air samples *

TRC

21 Griffin Road North
Windsor, CT 06095
860-298-9692

(TO 6 HR TAT) Please call [illegible] 860 798 3248.

Edition: September 2009
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AIR SAMPLE ANALYSIS REPORT

Project No.: 115058-0820-0004 Date: 8/5/11 Page 1 of 1

Client: City of New Bedford

Site: New Bedford High School

Address: 230 Hathaway Blvd
New Bedford, MA

Sampler Print: T. Martin / T. Grondin Signature: [signature] Date: 8/5/11

Analyst Print: ~~T. Martin~~ Signature: Date Analyzed:

QC Analyst Print: ~~T. Martin~~ Signature: Date Analyzed:

Lab Supervisor Print: Signature: Date Issued:

Contact/Name: Phone:

Rotometer No.: H-3 Date of Calibration: 5/2/11 Lab No. 39611

Microscope No. Received in Lab for Analysis: ☒ QC Only: ☐

Sample Type: PCM ☐ TEM ☒ Other: Analysis Method: NIOSH 7400 ☐ AHERA ☒ Other:
Issue 2 8/15/94 A rules

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.369	0.608
20.5 to 50/100	0.296	0.502
>50/100	0.205	0.454

Sample No.	381		382		383		386	387						
Sampling Location/Comments	1st Floor Rm B-127		1st Floor Rm B-131		1st Floor Rm B-107		FB	FB						
Type of Sample	4		4		4									
Pump Number														
Start Time/Stop Time	1054	1200	1057	1202	1101	1205								
Total Time (min)	66		65		64									
Flow Rate	15.0	15.0	15.0	15.0	15.0	15.0								
Total Volume (l)	990		975		960									
FB __ BFB FL BFL														
Filter Fiber Conc. (fibers/mm²)														
Airborne Fiber Conc. (fibers/cc)														

STANDARDS
<0.01 f/cc – EPA Re-Occupancy Clearance Criteria
0.10 f/cc – OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc – OSHA 30 min Excursion Level
ND< – Non Detected, less than the limit of detection
Limit of Detection – 5.5 fibers/100 fields

Relinquished by: [signature] Date 8/5/11 Time
Received By: [signature] Date 8/17/11 Time 1400
Relinquished by: Date Time
Received by Laboratory: Date Time

TRC Laboratory Asbestos Analytical Certifications:
CT#PH-0426 MA#AA000052 NY#10980 RI#AAL-007C3
ME#LB-0071 VA#3333000283 TX#300354 VT#AL014538
AIHA/PAT#100122

Condition of Sample: ok
Acceptable: Y ✓ N
Comments:

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab

Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

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AIR SAMPLE ANALYSIS REPORT

Project No.: 115058-0820-0004 Date: 8/5/11 Page 2 of 3

Client: City of New Bedford
Site: New Bedford High School
Address: 230 Hathaway Blvd
New Bedford, MA

Sampler Print: T. Martin / T. Grendin Signature: [illegible] Date: 8/5/11
Analyst Print: T. Martin Signature: [illegible] Date Analyzed: 8/8/11
QC Analyst Print: T. Martin / KW Signature: [illegible] Date Analyzed: 8/8/11
Lab Supervisor Print: K. Williams Signature: K. Williams Date Issued:

Contact/Name: _____ Phone: _____ Rotometer No.: L-19 / H-3 Date of Calibration: 5/2/11 Lab No. 39611

Microscope No. 213374 Received in Lab for Analysis: ☐ QC Only: ☒

Sample Type: PCM ☒ TEM ☐ Other: _____ Analysis Method: NIOSH 7400 ☒ AHERA ☐ Other: _____
Issue 2 8/15/94 A rules

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.369	0.608
20.5 to 50/100	0.296	0.502
>50/100	0.205	0.454

Sample No.	* 388 ✓	389 ✓	390 ✓	391 ✓	392 ✓	393 ✓	394 ✓
Sampling Location/Comments	1st Floor E-Block Rm B-118	1st Floor E-Block Boys Locker Rm	1st Floor E-Block Instructors Office (Boys Locker Rm)	2nd Floor Rm C-208	2nd Floor Rm C-207	2nd Floor Rm C-210	2nd Floor Rm C-216
Type of Sample	4	4	4	4	4	4	4
Pump Number							
Start Time/Stop Time	1258 / 1423	1542 / 1717	1544 / 1716	1630 / 1743	1639 / 1752	1747 / 1910	1751 / 1902
Total Time (min)	85	95	91	73	73	83	71
Flow Rate	15.0 / 15.0	15.0 / 15.0	15.0 / 15.0	15.0 / 15.0	15.0 / 15.0	15.0 / 15.0	15.0 / 15.0
Total Volume (l)	1275	1425	1365	1095	1095	1245	1065
FB __ BFB FL BFL	6/100	0/100	2/100	6/100	3/100	2/100	13/100
Filter Fiber Conc. (fibers/mm²)	7.6	0	2.5	7.6	3.8	2.5	16.6
Airborne Fiber Conc. (fibers/cc)	0.002 ✓	ND<0.002 ✓	ND<0.002 ✓	0.003 ✓	ND<0.002 ✓	ND<0.002 ✓	0.006 ✓

STANDARDS
<0.01 f/cc – EPA Re-Occupancy Clearance Criteria
0.10 f/cc – OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc – OSHA 30 min Excursion Level
ND< – Non Detected, less than the limit of detection
Limit of Detection – 5.5 fibers/100 fields

Relinquished by: [illegible] Date 8/17/11 Time _____
Received By: K. Williams Date 8/17/11 Time 1400
Relinquished by: _____ Date _____ Time _____
Received by Laboratory: _____ Date _____ Time _____

TRC Laboratory Asbestos Analytical Certifications:
CT#PH-0426 MA#AA000052 NY#10980 RI#AAL-007C3
ME#LB-0071 VA#3333000283 TX#300354 VT#AL014538
AIHA/PAT#100122

Condition of Sample: OK
Acceptable: Y ✓ N ____
Comments: _____

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab
392	3/100	[illegible] 8/8/11	
389	0/100	[illegible] 8/26/11	[illegible]

Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

* #'s 386 + 387 were TEM FB's *

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AIR SAMPLE ANALYSIS REPORT

Project No.: 115058-0820-0004 Date: 8/5/11 Page 3 of 3

Client: City of New Bedford
Sampler Print: T. Martin / T. Grondin Signature: [signature] Date: 8/5/11
Site: New Bedford H.S.
Analyst Print: T. Martin Signature: [signature] Date Analyzed: 8/8/11
Address: 230 Hathaway Blvd
New Bedford, MA
QC Analyst Print: T. Martin / KW Signature: [signature] Date Analyzed: 8/8/11
Lab Supervisor Print: K. Williamson Signature: K. Williamson Date Issued:

Contact/Name: _____ Phone: _____ Rotometer No.: L-19 / H-3 Date of Calibration: 5/2/11 Lab No. 39611

Microscope No. 213374 Received in Lab for Analysis: ☐ QC Only: ☒

Sample Type: PCM ☒ TEM ☐ Other: _____ Analysis Method: NIOSH 7400 ☒ AHERA ☐ Other: _____
Issue 2 8/15/94 A rules

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Relative Standard Deviation (Sr)

Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.369	0.608
20.5 to 50/100	0.296	0.502
>50/100	0.205	0.454

Sample No.	395	396	397				
Sampling Location/Comments	2nd Floor Hallway C-Block	FB.	FB.				
Type of Sample	4						
Pump Number							
Start Time/Stop Time	1752 / 1905						
Total Time (min)	73						
Flow Rate	15.0 / 15.0						
Total Volume (l)	1095						
FB / BFB FL / BFL	19/100	0/100	0/100				
Filter Fiber Conc. (fibers/mm²)	24.2	—	—				
Airborne Fiber Conc. (fibers/cc)	0.009	—	—				

STANDARDS
<0.01 f/cc – EPA Re-Occupancy Clearance Criteria
0.10 f/cc – OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc – OSHA 30 min Excursion Level
ND< – Non Detected, less than the limit of detection
Limit of Detection – 5.5 fibers/100 fields

Relinquished by: [signature] Date 8/17/11 Time _____
Received By: K. Williamson Date 8/17/11 Time 1400
Relinquished by: _____ Date _____ Time _____
Received by Laboratory: _____ Date _____ Time _____

TRC Laboratory Asbestos Analytical Certifications:
CT#PH-0426 MA#AA000052 NY#10980 RI#AAL-007C3
ME#LB-0071 VA#3333000283 TX#300354 VT#AL014538
AIHA/PAT#100122

Condition of Sample: OK
Acceptable: Y ✓ N _____
Comments: _____

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab
395	20/100	[signature] 8/8/11	

Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

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AIR SAMPLE ANALYSIS REPORT

Project No.: 115058-0820-0004 Date: 8/8/11 Page 1 of 2

Client: City of New Bedford
Site: New Bedford High School
Address: 230 Hathaway Blvd
New Bedford MA

Sampler Print: J. Martin / T. Grendin Signature: [illegible] Date: 8/8/11
Analyst Print: T. Martin Signature: [illegible] Date Analyzed: 8/9/11
QC Analyst Print: T. Martin / KW Signature: [illegible] Date Analyzed: 8/9/11
Lab Supervisor Print: KW Williamson Signature: K. Williamson Date Issued:

Contact/Name: _____ Phone: _____

Rotometer No.: L-19 / H-3 Date of Calibration: 5/2/11 Lab No. 39611

Microscope No. 213374 Received in Lab for Analysis: ☐ QC Only: ☐

Sample Type: PCM ☒ TEM ☐ Other: _____ Analysis Method: NIOSH 7400 ☒ AHERA ☐ Other: _____
Issue 2 8/15/94 A rules

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Relative Standard Deviation (Sr)

Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.369	0.608
20.5 to 50/100	0.296	0.502
>50/100	0.205	0.454

Sample No.	398		399		400		401		402		403		404
Sampling Location/Comments	Weight Rm @ Back of Boys Locker Rm (E-Block)		1st Floor Rm E-113 in West Gym		1st Floor Rm E-116 in West Gym		1st/2nd Floor Hallway to E-Block (Ramp)		2nd Floor Rm E-205 Girls Locker Rm		2nd Floor Rm E-205 Girls Locker Rm		FB
Type of Sample	4		4		4		4		4		4		X
Pump Number													
Start Time/Stop Time	0755	0925	0814	0932	0826	0958	0954	1124	1019	1145	1244	1435	
Total Time (min)	90		78		92		90		86		111		
Flow Rate	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	
Total Volume (l)	1350		1170		1380		1350		1290		1665		
FB — BFB / FL — BFL	2/100		1/100		5/100		7/100		8/100		16/100		0/100
Filter Fiber Conc. (fibers/mm²)	2.5		1.3		6.4		8.9		10.2		20.4		—
Airborne Fiber Conc. (fibers/cc)	ND<0.002		ND<0.002		ND<0.002		0.002		0.003		0.005		—

STANDARDS
<0.01 f/cc – EPA Re–Occupancy Clearance Criteria
0.10 f/cc – OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc – OSHA 30 min Excursion Level
ND< – Non Detected, less than the limit of detection
Limit of Detection – 5.5 fibers/100 fields

Relinquished by: [illegible] Date 8/17/11 Time _____
Received By: K. Williamson Date 8/17/11 Time 1400
Relinquished by: _____ Date _____ Time _____
Received by Laboratory: _____ Date _____ Time _____

TRC Laboratory Asbestos Analytical Certifications:
CT#PH-0426 MA#AA000052 NY#10980 RI#AAL-007C3
ME#LB-0071 VA#3333000283 TX#300354 VT#AL014538
AIHA/PAT#100122

Condition of Sample: OK
Acceptable: Y ✓ N ____
Comments: _____

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab
402	6/100	TM 8/9/11	
399	6/100	KW 8/26/11	Lab

Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

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AIR SAMPLE ANALYSIS REPORT

Project No.: 115058-0820-0004 Date: 8/8/11 Page 2 of 2

Client: City of New Bedford
Site: New Bedford High School
Address: 230 Hathaway Blvd
New Bedford MA

Sampler Print: T. Martin / T. Grondin Signature: [illegible] Date: 8/8/11
Analyst Print: T. Martin Signature: [illegible] Date Analyzed: 8/9/11
QC Analyst Print: T. Martin / KW Signature: [illegible] Date Analyzed: 8/9/11
Lab Supervisor Print: KW Williamson Signature: [illegible] Date Issued:

Contact/Name: Phone:
Rotometer No.: L-19 / H-3 Date of Calibration: 5/2/11 Lab No. 39611
Microscope No. 213374 Received in Lab for Analysis: ☐ QC Only: ☐

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.369	0.608
20.5 to 50/100	0.296	0.502
>50/100	0.205	0.454

Sample Type: PCM ☒ TEM ☐ Other: Analysis Method: NIOSH 7400 ☒ Issue 2 8/15/94 AHERA ☐ A rules Other:

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Sample No.	405						
Sampling Location/Comments	FB						
Type of Sample							
Pump Number							
Start Time/Stop Time							
Total Time (min)							
Flow Rate							
Total Volume (l)							
FB — BFB FL — BFL	0/100						
Filter Fiber Conc. (fibers/mm²)	—						
Airborne Fiber Conc. (fibers/cc)	—						

STANDARDS
<0.01 f/cc – EPA Re–Occupancy Clearance Criteria
0.10 f/cc – OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc – OSHA 30 min Excursion Level
ND< – Non Detected, less than the limit of detection
Limit of Detection – 5.5 fibers/100 fields

Relinquished by: [illegible] Date 8/17/11 Time
Received By: KWilliamson Date 8/17/11 Time 1400
Relinquished by: Date Time
Received by Laboratory: Date Time

TRC Laboratory Asbestos Analytical Certifications:
CT#PH-0426 MA#AA000052 NY#10980 RI#AAL-007C3
ME#LB-0071 VA#3333000283 TX#300354 VT#AL014538
AIHA/PAT#100122

Condition of Sample: OK
Acceptable: Y ✓ N
Comments:

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab

Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

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AIR SAMPLE ANALYSIS REPORT

Project No.: 115058-0820-0004 Date: 8/9/11 Page 1 of 2

Client: City of New Bedford
Site: New Bedford High School
Address: 230 Hathaway Blvd
New Bedford MA

Sampler Print: Joe Cooney / Tom Martin Signature: Joseph Cooney Date: 8/9/11
Analyst Print: Joe Cooney Signature: Joseph Cooney Date Analyzed:
QC Analyst Print: K Williamson Signature: K. Williamson Date Analyzed:
Lab Supervisor Print: K Williamson Signature: K. Williamson Date Issued:

Contact/Name: Phone:
Rotometer No.: L-19 / H-3 Date of Calibration: 5/2/11 Lab No. 39611
Microscope No. 213374 Received in Lab for Analysis: ☐ QC Only: ☒

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.369	0.608
20.5 to 50/100	0.296	0.502
>50/100	0.205	0.454

Sample Type: PCM ☒ TEM ☐ Other: Analysis Method: NIOSH 7400 ☒ AHERA ☐ Other:
Issue 2 8/15/94 A rules
Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Sample No.	406	407	408	409	410	411	412
Sampling Location/Comments	Girls Pool locker rm.	Boys Pool locker rm.	Main Lobby	D Block Hallway outside Band Rm.	Pool ~~Mezzanine~~	2nd outer core Rm B-254 (re-sample)	Rm B-253 (re-sample)
Type of Sample	4	4	4	4	4	4	4
Pump Number							
Start Time/Stop Time	0745 / 1103	0750 / 0957	0758 / 1105	0950 / 1145	1002 / 1141	1100 / 1246	1058 / 1245
Total Time (min)	198	127	187	115	99	106	107
Flow Rate	15.0 / 15.0	15.0 / 15.0	15.0 / 15.0	15.0 / 15.0	15.0 / 15.0	15.0 / 15.0	15.0 / 15.0
Total Volume (l)	2970	1905	2805	1725	1485	1590	1605
FB — BFB / FL — BFL	4/100	6/100	7/100	0/100	0/100	0/100	2/100
Filter Fiber Conc. (fibers/mm²)	5.1	7.6	8.9	⊖	⊖	⊖	2.5
Airborne Fiber Conc. (fibers/cc)	ND<0.001 ✓	0.002 ✓	0.001 ✓	ND<0.002 ✓	ND<0.002 ✓	ND<0.002 ✓	ND<0.002 ✓

STANDARDS
<0.01 f/cc – EPA Re-Occupancy Clearance Criteria
0.10 f/cc – OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc – OSHA 30 min Excursion Level
ND< – Non Detected, less than the limit of detection
Limit of Detection – 5.5 fibers/100 fields

Relinquished by: Tom Martin Date 8/17/11 Time
Received By: K Williamson Date 8/17/11 Time 1400
Relinquished by: Date Time
Received by Laboratory: Date Time

TRC Laboratory Asbestos Analytical Certifications:
CT#PH-0426 MA#AA000052 NY#10980 RI#AAL-007C3
ME#LB-0071 VA#3333000283 TX#300354 VT#AL014538
AIHA/PAT#100122

Condition of Sample: OK
Acceptable: Y ✓ N
Comments:

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab
407	5/100	8/26/11	Lab

Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

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AIR SAMPLE ANALYSIS REPORT

Project No.: 115058-0820-0004 Date: 8/9/11 Page 2 of 82

Client: City of New Bedford
Sampler Print: J. Cooney / T. Martin Signature: T. Martin Date: 8/9/11
Site: New Bedford High School
Analyst Print: Joe Cooney Signature: Joseph Cooney Date Analyzed:
Address: 230 Hathaway Blvd
QC Analyst Print: K Williamson Signature: K Williamson Date Analyzed: 8/18/11
New Bedford MA
Lab Supervisor Print: K Williamson Signature: K Williamson Date Issued:
Contact/Name: Phone: Rotometer No.: L-19 / H-3 Date of Calibration: 5/2/11 Lab No. 39611
Microscope No. 213374 Received in Lab for Analysis: ☐ QC Only: ☒

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.369	0.608
20.5 to 50/100	0.296	0.502
>50/100	0.205	0.454

Sample Type: PCM ☒ TEM ☐ Other: Analysis Method: NIOSH 7400 ☒ Issue 2 8/15/94 A rules AHERA ☐ Other:

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Sample No.	413	414	415	* 416	417	* 418	419	420
Sampling Location/Comments	D-Block Rm 225	D Block Hallway @ Rm 225	D Block Womens Rm next to 225	D-Block, 2nd FL, Lobby o/s Rm D-255	D-Block, 2nd FL, Hallway @ Rm 255	2nd FL-core, hallway o/s Rm B-292	Field Blanks	
Type of Sample	4	4	4	4	4	4		
Pump Number		1420						
Start Time/Stop Time	1121 / 1305	1126 / ~~1305~~	1154 / 1418	1312 / 1445	1313 / 1443	1333 / 1445		
Total Time (min)	104	174	144	93	90	72		
Flow Rate	15.0 / 15.0	15.0 / 15.0	15.0 / 15.0	15.0 / 15.0	15.0 / 15.0	15.0 / 15.0		
Total Volume (l)	1560	2610	2160	1395	1350	1080		
FB — BFB / FL — BFL	2.5/100	6/100	4.5/100	25/100	9/100	1/100	0/100	0/100
Filter Fiber Conc. (fibers/mm²)	3.05	7.34	5.50	3.05	11.01	1.22	—	—
Airborne Fiber Conc. (fibers/cc)	ND < .001 X2	.001 ✓	ND < .001 ✓	ND < .002 ✓	.003 ✓	ND < .002 ✓	—	—

STANDARDS * "Re-Sample"
<0.01 f/cc – EPA Re-Occupancy Clearance Criteria
0.10 f/cc – OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc – OSHA 30 min Excursion Level
ND< – Non Detected, less than the limit of detection
Limit of Detection – 5.5 fibers/100 fields

Relinquished by: Tom Martin Date 8/17/11 Time
Received By: K Williamson Date 8/17/11 Time 1400
Relinquished by: Date Time
Received by Laboratory: Date Time

TRC Laboratory Asbestos Analytical Certifications:
CT#PH-0426 MA#AA000052 NY#10980 RI#AAL-007C3
ME#LB-0071 VA#3333000283 TX#300354 VT#AL014538
AIHA/PAT#100122

Condition of Sample: OK
Acceptable: Y ✓ N
Comments:

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab

Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

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AIR SAMPLE ANALYSIS REPORT

Project No.: 115058-0820-0004 Date: 8/10/11 Page 1 of 3

Client: City of New Bedford
Site: New Bedford High School
Address: 230 Hathaway Blvd
New Bedford MA

Sampler Print: T. Martin/J. Cooney Signature: [signature] Date: 8/10/11
Analyst Print: T. Martin Signature: [signature] Date Analyzed: 8/11/11
QC Analyst Print: T. Martin / KW Signature: [signature] Date Analyzed: 8/11/11
Lab Supervisor Print: KW Williamson Signature: K. Williamson Date Issued:

Contact/Name: _____ Phone: _____ Rotometer No.: L-19 / H-3 Date of Calibration: 5/2/11 Lab No. 39611

Microscope No. 213374 Received in Lab for Analysis: ☐ QC Only: ☒

Sample Type: PCM ☒ TEM ☐ Other: _____ Analysis Method: NIOSH 7400 ☒ AHERA ☐ Other: _____
Issue 2 8/15/94 A rules

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.369	0.608
20.5 to 50/100	0.296	0.502
>50/100	0.205	0.454

Sample No.	421	422	423	424	425	426	427
Sampling Location/Comments	D-Block, 2nd Rm D-216	D-Block, 2nd Rm D-218	D-Block, 2nd Rm D-219	D-Block, 2nd Rm D-224	D-Block, 2nd hallway o/s Rm D-237	D-Block, 2nd Rm D-235	Rm D-220
Type of Sample	4	4	4	4	4	4	4
Pump Number							
Start Time/Stop Time	0725 / 0855	0730 / 0856	0733 / 0852	0741 / 1114	0746 / 0851	0907 / 1308	0918 / 1032
Total Time (min)	90	86	79	213	65	241	74
Flow Rate	15.0 / 15.0	15.0 / 15.0	15.0 / 15.0	15.0 / 15.0	15.0 / 15.0	15.0 / 15.0	15.0 / 15.0
Total Volume (l)	1350	1290	1185	3195	975	3615	1110
FB — BFB / FL — BFL	26/100	8/100	9/100	24/100	6/100	7/100	2/100
Filter Fiber Conc. (fibers/mm²)	33.1	10.2	11.5	30.6	7.6	8.9	2.5
Airborne Fiber Conc. (fibers/cc)	0.009	0.003	0.004	0.004	0.003	0.001	ND<0.002

STANDARDS
<0.01 f/cc – EPA Re-Occupancy Clearance Criteria
0.10 f/cc – OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc – OSHA 30 min Excursion Level
ND< – Non Detected, less than the limit of detection
Limit of Detection – 5.5 fibers/100 fields

Relinquished by: [signature] Date 8/17/11 Time _____
Received By: K. Williamson Date 8/17/11 Time 1400
Relinquished by: _____ Date _____ Time _____
Received by Laboratory: _____ Date _____ Time _____

TRC Laboratory Asbestos Analytical Certifications:
CT#PH-0426 MA#AA000052 NY#10980 RI#AAL-007C3
ME#LB-0071 VA#3333000283 TX#300354 VT#AL014538
AIHA/PAT#100122

Condition of Sample: OK
Acceptable: Y ✓ N _____
Comments: _____

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab
424	25/100	TM 8/11/11	
425	6/100	KW 8/26/11	lab

Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

TRC
21 Griffin Road North
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860-298-9692

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AIR SAMPLE ANALYSIS REPORT

Project No.: 115058-0820-0004 Date: 8/10/11 Page 2 of 3

Client: City of New Bedford
Site: New Bedford High School
Address: 230 Hathaway Blvd
New Bedford MA

Sampler Print: J. Cooney/T. Martin Signature: [illegible] Date: 8/10/11
Analyst Print: T. Martin Signature: [illegible] Date Analyzed: 8/11/11
QC Analyst Print: T. Martin /KW Signature: [illegible] Date Analyzed: 8/11/11
Lab Supervisor Print: KW Williamson Signature: K. Williamson Date Issued:

Contact/Name: Phone:
Rotometer No.: L-19 / H-3 Date of Calibration: 5/2/11 Lab No. 39611
Microscope No. 213374 Received in Lab for Analysis: ☐ QC Only: ☒

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.369	0.608
20.5 to 50/100	0.296	0.502
>50/100	0.205	0.454

Sample Type: PCM ☒ TEM ☐ Other: Analysis Method: NIOSH 7400 ☒ AHERA ☐ Other:
Issue 2 8/15/94 A rules
Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Sample No.	428	429	430	431	432	433	434
Sampling Location/Comments	D-Block, 2nd FL stairwell next to Rm D-222	hallway o/s Rm D-215	F.B.	F.B.	D-Block, 2nd FL stairwell o/s Rm D-245.	Rm D-205	Auditorium Lobby
Type of Sample	4	4			4	4	4
Pump Number							
Start Time/Stop Time	1108 / 1306	1318 / 1450			1328 / 1433	1419 / 1630	1500 / 1730
Total Time (min)	118	92			65	131	150 / 90 min
Flow Rate	15.0 / 15.0	15.0 / 15.0			15.0 / 15.0	15.0 / 15.0	15.0 / 15.0
Total Volume (l)	1770	1380			975	1965	2250
FB — BFB / FL — BFL	58/100	4/100	0/100	0/100	13/100	7/100	9/100
Filter Fiber Conc. (fibers/mm²)	73.9	5.1	—	—	16.6	8.9	11.5
Airborne Fiber Conc. (fibers/cc)	0.016	ND <0.002	—	—	0.007	0.002	0.002

STANDARDS
<0.01 f/cc – EPA Re-Occupancy Clearance Criteria
0.10 f/cc – OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc – OSHA 30 min Excursion Level
ND< – Non Detected, less than the limit of detection
Limit of Detection – 5.5 fibers/100 fields

Relinquished by: [illegible] Date 8/17/11 Time
Received By: K. Williamson Date 8/17/11 Time 1400
Relinquished by: Date Time
Received by Laboratory: Date Time

TRC Laboratory Asbestos Analytical Certifications:
CT#PH-0426 MA#AA000052 NY#10980 RI#AAL-007C3
ME#LB-0071 VA#3333000283 TX#300354 VT#AL014538
AIHA/PAT#100122

Condition of Sample: OK
Acceptable: Y ✓ N
Comments:

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab
432	9/100	TM 8/11/11	
429	5/100	KW 8/20/11	Lab

Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

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AIR SAMPLE ANALYSIS REPORT

Project No.: 115058-0820-0004 Date: 8/10/11 Page 3 of 3

Client: City of New Bedford
Site: New Bedford High School
Address: 230 Hathaway Blvd
New Bedford MA

Sampler Print: T. Morton Signature: [signature] Date: 8/10/11
Analyst Print: T. Morton Signature: [signature] Date Analyzed: 8/11/11
QC Analyst Print: T. Morton / KW Signature: [signature] Date Analyzed: 8/11/11
Lab Supervisor Print: K. Williamson Signature: K. Williamson Date Issued:

Contact/Name: _____ Phone: _____ Rotometer No.: L-19 / H-3 Date of Calibration: 5/2/11 Lab No. 39611

Microscope No. 213374 Received in Lab for Analysis: ☐ QC Only: ☒

Sample Type: PCM ☒ TEM ☐ Other: _____ Analysis Method: NIOSH 7400 ☒ AHERA ☐ Other: _____
Issue 2 8/15/94 A rules

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.369	0.608
20.5 to 50/100	0.296	0.502
>50/100	0.205	0.454

Sample No.	435	436					
Sampling Location/Comments	D-Block, 2nd, Hallway o/s Rm D-208	D-Block, 2nd Audit. Lobby					
Type of Sample	4	4					
Pump Number							
Start Time/Stop Time	1520 / 1732	1738 / 1850					
Total Time (min)	132	72					
Flow Rate	15.0 / 15.0	15.0 / 15.0					
Total Volume (l)	1980	1080					
FB — BFB / FL BFL	10/100	4/100					
Filter Fiber Conc. (fibers/mm²)	12.7	5.1					
Airborne Fiber Conc. (fibers/cc)	0.002 ✓	ND< 0.002 ✓					

STANDARDS
<0.01 f/cc – EPA Re-Occupancy Clearance Criteria
0.10 f/cc – OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc – OSHA 30 min Excursion Level
ND< – Non Detected, less than the limit of detection
Limit of Detection – 5.5 fibers/100 fields

Relinquished by: [signature] Date 8/17/11 Time _____
Received By: K. Williamson Date 8/17/11 Time 1400
Relinquished by: _____ Date _____ Time _____
Received by Laboratory: _____ Date _____ Time _____

TRC Laboratory Asbestos Analytical Certifications:
CT#PH-0426 MA#AA000052 NY#10980 RI#AAL-007C3
ME#LB-0071 VA#3333000283 TX#300354 VT#AL014538
AIHA/PAT#100122

Condition of Sample: OK
Acceptable: Y ✓ N ____
Comments: _____

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab
436	4/100	TM 8/11/11	

Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

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AIR SAMPLE ANALYSIS REPORT

Project No.: 115058-0820-0004 Date: 8/11/11 Page 1 of 2

Client: City of New Bedford
Site: New Bedford High School
Address: 230 Hathaway Blvd
New Bedford MA

Sampler Print: Joe Carney Signature: Joseph Carney Date: 8/11/11
Analyst Print: Tom Martin Signature: Tom Martin Date Analyzed: 8/12/11
QC Analyst Print: T. Martin / KW Signature: [illegible] Date Analyzed: 8/12/11
Lab Supervisor Print: K Williamson Signature: K. Williamson Date Issued:

Contact/Name: _____ Phone: _____ Rotometer No.: L-19 / H-3 Date of Calibration: 5/2/11 Lab No. 39611

Microscope No. 213374 Received in Lab for Analysis: ☐ QC Only: ☒

Sample Type: PCM ☒ TEM ☐ Other: _____ Analysis Method: NIOSH 7400 ☒ Issue 2 8/15/94 A rules AHERA ☐ Other: _____

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.369	0.608
20.5 to 50/100	0.296	0.502
>50/100	0.205	0.454

Sample No.	437	438	439	440	441	442	443
Sampling Location/Comments	Lobby @ Main offices	D Block Rm 230 back Area	D-Block, 2nd-stairwell o/s Rm D-222 (Pre-sample)	Rm next to ticket office (MAIN OFFICE SIDE)	Auditorium mezzinine Rm @ northend	Ticket office	Library
Type of Sample	4	4	4	4	4	4	4
Pump Number							
Start Time/Stop Time	0750 / 1030	0805 / 1003	1020 / 1130	0904 / 1103	0910 / 1106	0919 / 1110	1055 / 1405
Total Time (min)	160	118	70	119	116	111	190
Flow Rate	15.0 / 15.0	15.0 / 15.0	15.0 / 15.0	15.0 / 15.0	15.0 / 15.0	15.0 / 15.0	15.0 / 15.0
Total Volume (l)	2400	1770	1050	1785	1740	1665	2660
FB — BFB / FL — BFL	25/128	1/100	4/100	4/100	16/100	21/100	2/100
Filter Fiber Conc. (fibers/mm²)	24.9	1.3	5.1	5.1	20.4	26.8	2.5
Airborne Fiber Conc. (fibers/cc)	0.004	ND<0.002	ND<0.003	ND<0.002	0.006	0.006	ND<0.001

STANDARDS
<0.01 f/cc – EPA Re-Occupancy Clearance Criteria
0.10 f/cc – OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc – OSHA 30 min Excursion Level
ND< – Non Detected, less than the limit of detection
Limit of Detection – 5.5 fibers/100 fields

Relinquished by: Tom Martin Date 8/17/11 Time _____
Received By: K Williamson Date 8/17/11 Time 1400
Relinquished by: _____ Date _____ Time _____
Received by Laboratory: _____ Date _____ Time _____

Condition of Sample: OK
Acceptable: Y ✓ N _____
Comments: _____

TRC Laboratory Asbestos Analytical Certifications:
CT#PH-0426 MA#AA000052 NY#10980 RI#AAL-007C3
ME#LB-0071 VA#3333000283 TX#300354 VT#AL014538
AIHA/PAT#100122

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab
443	2/100	Tom 8/12/11	
440	5/100	KW 8/26/11	KW

Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

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AIR SAMPLE ANALYSIS REPORT

Project No.: 115058-0820-0004 Date: 8/11/11 Page 2 of 2

Client: City of New Bedford
Site: New Bedford High School
Address: 230 Hathaway Blvd
New Bedford MA

Sampler Print: Joe Cooney Signature: Joseph Cooney Date: 8/11/11
Analyst Print: T. Martin Signature: T. Martin Date Analyzed: 8/12/11
QC Analyst Print: T. Martin / KW Signature: T. Martin Date Analyzed: 8/12/11
Lab Supervisor Print: K. Williamson Signature: K. Williamson Date Issued: 8/18/11

Contact/Name: _____ Phone: _____ Rotometer No.: L-19 / H-3 Date of Calibration: 5/2/11 Lab No. 39611

Microscope No. 213374 Received in Lab for Analysis: ☐ QC Only: ☒

Sample Type: PCM ☒ TEM ☐ Other: _____ Analysis Method: NIOSH 7400 ☒ (Issue 2 8/15/94, A rules) AHERA ☐ Other: _____

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.369	0.608
20.5 to 50/100	0.296	0.502
>50/100	0.205	0.454

Sample No.	444	445	446	447	448		
Sampling Location/Comments	D Block 1st Flr Hallway @ Rm D106	D Block 1st Floor Hallway @ Rm D112	D Block Hallway 1st Floor @ Rm D132	Field Blank	Field Blank		
Type of Sample	4	4	4				
Pump Number							
Start Time/Stop Time	1303 / 1446	1306 / 1448	1400 / 1458				
Total Time (min)	103	102	58				
Flow Rate	15.0 / 15.0	15.0 / 15.0	15.0 / 15.0				
Total Volume (l)	1545	1530	870				
FB — BFB / FL — BFL	22/100	5/100	14/100	0/100	0/100		
Filter Fiber Conc. (fibers/mm²)	280	6.4	17.8	—	—		
Airborne Fiber Conc. (fibers/cc)	0.007 ✓	ND<0.002 ✓	0.008 ✓	—	—		

STANDARDS
<0.01 f/cc – EPA Re-Occupancy Clearance Criteria
0.10 f/cc – OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc – OSHA 30 min Excursion Level
ND< – Non Detected, less than the limit of detection
Limit of Detection – 5.5 fibers/100 fields

Relinquished by: T. Martin Date 8/17/11 Time _____
Received By: K. Williamson Date 8/17/11 Time 1400
Relinquished by: _____ Date _____ Time _____
Received by Laboratory: _____ Date _____ Time _____

Condition of Sample: OK
Acceptable: Y ✓ N ____
Comments: _____

TRC Laboratory Asbestos Analytical Certifications:
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ME#LB-0071 VA#3333000283 TX#300354 VT#AL014538
AIHA/PAT#100122

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab
446	14/100	TM 8/12/11	
445	4/100	KW 8/26/11	Lab

Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

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AIR SAMPLE ANALYSIS REPORT

Project No.: 115058-0820-0004 Date: 8/12/11 Page 1 of 2

Client: City of New Bedford
Site: New Bedford High School
Address: 230 Hathaway Blvd
New Bedford MA

Sampler Print: Joe Cooney Signature: Joseph Cooney Date: 8/12/11
Analyst Print: Joe Cooney Signature: Joseph Cooney Date Analyzed: 8-15-11
QC Analyst Print: K Williamson Signature: K Williamson Date Analyzed: 8/18/11
Lab Supervisor Print: K Williamson Signature: K Williamson Date Issued:

Contact/Name: Phone:
Rotometer No.: L-19 / H-3 Date of Calibration: 5/2/11 Lab No. 39611
Microscope No. 213374 Received in Lab for Analysis: ☐ QC Only: ☒

Sample Type: PCM ☒ TEM ☐ Other: Analysis Method: NIOSH 7400 ☒ AHERA ☐ Other:
Issue 2 8/15/94 A rules

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.369	0.608
20.5 to 50/100	0.296	0.502
>50/100	0.205	0.454

Sample No.	449	450	451	452	453	454	455
Sampling Location/Comments	D Block Rm D-108	D Block Rm D-124	D Block RM D-120	Boiler rm. center office	D Block Rm D-112	D Block Rm D-121	D Block Rm D132
Type of Sample	4	4	4	4	4	4	4
Pump Number							
Start Time/Stop Time	0729 / 0920	0738 / 0929	0750 / 1035	0812 / 1030	0926 / 1116	0933 / 1120	1033 / 1237
Total Time (min)	111	111	165 ~~105~~	138	110	107	124
Flow Rate	15.0 / 15.0	15.0 / 15.0	15.0 / 15.0	15.0 / 15.0	15.0 / 15.0	15.0 / 15.0	15.0 / 15.0
Total Volume (l)	1665	1665	2475 ~~1575~~	2070	1650	1605	1860
FB — BFB / FL BFL	1/100	3.5/100	12/100	0/100	2/100	10/100	2.5/100
Filter Fiber Conc. (fibers/mm²)	1.22	4.28	14.68	0 ~~7.00~~	2.44	12.23	3.05
Airborne Fiber Conc. (fibers/cc)	ND<.00X2	ND<.00X2	.00B2	~~0.001~~ ND<0.001	ND<.00X2	.003	ND<.00X2

STANDARDS
<0.01 f/cc – EPA Re-Occupancy Clearance Criteria
0.10 f/cc – OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc – OSHA 30 min Excursion Level
ND< – Non Detected, less than the limit of detection
Limit of Detection – 5.5 fibers/100 fields

Relinquished by: Joe Cooney Date 8/17/11 Time
Received By: K Williamson Date 8/17/11 Time 1400
Relinquished by: Date Time
Received by Laboratory: Date Time

TRC Laboratory Asbestos Analytical Certifications:
CT#PH-0426 MA#AA000052 NY#10980 RI#AAL-007C3
ME#LB-0071 VA#3333000283 TX#300354 VT#AL014538
AIHA/PAT#100122

Condition of Sample: ok
Acceptable: Y ✓ N
Comments:

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab
450	2/100	KW 8/26/11	lab

Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

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AIR SAMPLE ANALYSIS REPORT

Project No.: 115058-0820-0004 Date: 8/12/11 Page 2 of 2

Client: City of New Bedford
Site: New Bedford High School
Address: 230 Hathaway Blvd
New Bedford MA

Sampler Print: Joseph Cooney Signature: Joseph Cooney Date: 8/12/11
Analyst Print: Joseph Cooney Signature: Joseph Cooney Date Analyzed: 8-15-11
QC Analyst Print: W Williamson Signature: K Williamson Date Analyzed: 8/18/11
Lab Supervisor Print: W Williamson Signature: K Williamson Date Issued:

Contact/Name: _____ Phone: _____ Rotometer No.: L-19 / H-3 Date of Calibration: 5/2/11 Lab No. 39611

Microscope No. 213374 Received in Lab for Analysis: ☐ QC Only: ☒

Sample Type: PCM ☒ TEM ☐ Other: _____ Analysis Method: NIOSH 7400 ☒ AHERA ☐ Other: _____
Issue 2 8/15/94 A rules

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.369	0.608
20.5 to 50/100	0.296	0.502
>50/100	0.205	0.454

Sample No.	456	457	458	459	460	461	
Sampling Location/Comments	D Block Rm D-122	D-Block Firing (D-143) Range	D Block Rm D-136	D Block Rm D-137	FB.	FB.	
Type of Sample	4	4	4	4			
Pump Number							
Start Time/Stop Time	1040 / 1239	1125 / 1425	1124 / 1426	1129 / 1427			
Total Time (min)	119	180	182	178			
Flow Rate	15.0 / 15.0	15.0 / 15.0	15.0 / 15.0	15.0 / 15.0			
Total Volume (l)	1785	2700	2730	2670			
FB — BFB / FL — BFL	0/100	0/100	12/100	1/100	0/100	0/100	
Filter Fiber Conc. (fibers/mm²)	~~0/100~~ 0	~~0/100~~ 0	14.68	1.22	—	—	
Airborne Fiber Conc. (fibers/cc)	nd < 0.002	nd < 0.001	0.002	ND < .001	—	—	

STANDARDS
<0.01 f/cc – EPA Re-Occupancy Clearance Criteria
0.10 f/cc – OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc – OSHA 30 min Excursion Level
ND< – Non Detected, less than the limit of detection
Limit of Detection – 5.5 fibers/100 fields

Relinquished by: [signature] Date 8/17/11 Time _____
Received By: K Williamson Date 8/17/11 Time 1400
Relinquished by: _____ Date _____ Time _____
Received by Laboratory: _____ Date _____ Time _____

TRC Laboratory Asbestos Analytical Certifications:
CT#PH-0426 MA#AA000052 NY#10980 RI#AAL-007C3
ME#LB-0071 VA#3333000283 TX#300354 VT#AL014538
AIHA/PAT#100122

Condition of Sample: ok
Acceptable: Y ✓ N ____
Comments: _____

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab

Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

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AIR SAMPLE ANALYSIS REPORT

Project No.: 115058-0820-0004 Date: 8/15/11 Page 1 of 2

Client: City of New Bedford
Site: New Bedford High School
Address: 230 Hathaway Blvd
New Bedford MA

Sampler Print: T. Martin / Joe Cooney Signature: Tom Martin / Joseph Cooney Date: 8/15/11
Analyst Print: Tom Martin Signature: Tom Martin Date Analyzed: 8/16/11
QC Analyst Print: T. Martin / KW Signature: T. Martin Date Analyzed: 8/16/11
Lab Supervisor Print: K Williamson Signature: K Williamson Date Issued:

Contact/Name: _____ Phone: _____
Rotometer No.: L-19 / H-3 Date of Calibration: 5/2/11 Lab No. 39611
Microscope No. 213374 Received in Lab for Analysis: ☐ QC Only: ☒

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.369	0.608
20.5 to 50/100	0.296	0.502
>50/100	0.205	0.454

Sample Type: PCM ☒ TEM ☐ Other: _____ Analysis Method: NIOSH 7400 ☒ AHERA ☐ Other: _____
Issue 2 8/15/94 A rules
Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Sample No.	462	463	464	465	466	467	468
Sampling Location/Comments	Blue Hse A-201-4	Stairwell → A-202-4	TAN HS Stairwell @ Rm 209 end	TAN HS Stairwell @ RM 217 end	GOLD HS Stairwell @ Rm 210-2	GOLD HS Stairwell @ Rm 214-2	GREEN HS Stairwell @ Rm 308-1
Type of Sample	4	4	4	4	4	4	4
Pump Number							
Start Time/Stop Time	0850 / 1032	0847 / 1034	1040 / 1142	1042 / 1149	1152 / 1306	1154 / 1308	1307 / 1429
Total Time (min)	102	107	62	67	70	72	82
Flow Rate	15.0 / 15.0	15.0 / 15.0	15.0 / 15.0	15.0 / 15.0	15.0 / 15.0	15.0 / 15.0	15.0 / 15.0
Total Volume (l)	1530	1605	930	1005	1050	1080	1230
FB __ BFB FL BFL	11/100	3/100	0/100	4/100	0/100	4/100	2/100
Filter Fiber Conc. (fibers/mm²)	14.0	3.8	0	5.1	0	5.1	2.5
Airborne Fiber Conc. (fibers/cc)	0.004 ✓	ND<0.002 ✓	ND<0.003 ✓	ND<0.003 ✓	ND<0.003 ✓	ND<0.002 ✓	ND<0.002 ✓

STANDARDS
<0.01 f/cc – EPA Re-Occupancy Clearance Criteria
0.10 f/cc – OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc – OSHA 30 min Excursion Level
ND< – Non Detected, less than the limit of detection
Limit of Detection – 5.5 fibers/100 fields

Relinquished by: Tom Martin Date 8/17/11 Time _____
Received By: K Williamson Date 8/17/11 Time 1400
Relinquished by: _____ Date _____ Time _____
Received by Laboratory: _____ Date _____ Time _____

TRC Laboratory Asbestos Analytical Certifications:
CT#PH-0426 MA#AA000052 NY#10980 RI#AAL-007C3
ME#LB-0071 VA#3333000283 TX#300354 VT#AL014538
AIHA/PAT#100122

Condition of Sample: OK
Acceptable: Y ✓ N ____
Comments: _____

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab
462	2/100	TM 8/16/11	
463	2/100	KW 8/26/11	lab

Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

TRC
21 Griffin Road North
Windsor, CT 06095
860-298-9692

Edition: September 2009
Supersedes Previous Edition

AIR SAMPLE ANALYSIS REPORT

Project No.: 115058-0820-0004 Date: 8/15/11 Page 2 of 2

Client: City of New Bedford
Site: New Bedford High School
Address: 230 Hathaway Blvd
New Bedford MA

Sampler Print: Joseph Cooney Signature: Joseph Cooney Date: 8/15/11
Analyst Print: T. Martin Signature: T. Martin Date Analyzed: 8/16/11
QC Analyst Print: T. Martin / KW Signature: T. Martin Date Analyzed: 8/16/11
Lab Supervisor Print: K Williamson Signature: K Williamson Date Issued:

Contact/Name: _____ Phone: _____

Rotometer No.: L-19 / H-3 Date of Calibration: 5/2/11 Lab No. 39611

Microscope No. 213374 Received in Lab for Analysis: ☐ QC Only: ☒

Sample Type: PCM ☒ TEM ☐ Other: _____ Analysis Method: NIOSH 7400 ☒ Issue 2 8/15/94 A rules AHERA ☐ Other: _____

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.369	0.608
20.5 to 50/100	0.296	0.502
>50/100	0.205	0.454

Sample No.	469	470	471				
Sampling Location/Comments	GREEN HS STAIRWELL @ RM 2	FB	FB				
Type of Sample	4						
Pump Number							
Start Time/Stop Time	1319 / 1431						
Total Time (min)	72						
Flow Rate	15.0 / 15.0						
Total Volume (l)	1080						
FB — BFB / FL — BFL	0/100	0/100	0/100				
Filter Fiber Conc. (fibers/mm²)	0	—	—				
Airborne Fiber Conc. (fibers/cc)	ND<0.002 ✓	—	—				

STANDARDS
<0.01 f/cc – EPA Re-Occupancy Clearance Criteria
0.10 f/cc – OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc – OSHA 30 min Excursion Level
ND< – Non Detected, less than the limit of detection
Limit of Detection – 5.5 fibers/100 fields

Relinquished by: Tom Martin Date _____ Time _____
Received By: K Williamson Date 8/17/11 Time 1400
Relinquished by: _____ Date _____ Time _____
Received by Laboratory: _____ Date _____ Time _____

Condition of Sample: GL
Acceptable: Y ✓ N ____
Comments: _____

TRC Laboratory Asbestos Analytical Certifications:
CT#PH-0426 MA#AA000052 NY#10980 RI#AAL-007C3
ME#LB-0071 VA#3333000283 TX#300354 VT#AL014538
AIHA/PAT#100122

Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab
469	2/100	TM 8/16/11	

TRC
21 Griffin Road North
Windsor, CT 06095
860-298-9692

Edition: September 2009
Supersedes Previous Edition

AIR SAMPLE ANALYSIS REPORT

Project No.: 115058-0820-0004 Date: 8/26/11 Page 1 of 1

Client: City of New Bedford
Site: New Bedford High School
Address: 230 Hathaway Blvd
New Bedford MA

Sampler Print: Tom Martin Signature: Tom Martin Date: 8/26/11
Analyst Print: W Williamson Signature: W Williamson Date Analyzed: 8/29/11
QC Analyst Print: W Williamson Signature: W Williamson Date Analyzed:
Lab Supervisor Print: W Williamson Signature: W Williamson Date Issued:

Contact/Name: Phone:
Rotometer No.: L-19 / H-3 Date of Calibration: 5/2/11 Lab No. 39634
Microscope No. 213374 Received In Lab for Analysis: ☒ QC Only: ☐
Sample Type: PCM ☒ TEM ☐ Other: Analysis Method: NIOSH 7400 ☒ Issue 2 8/15/94 AHERA ☐ A rules Other:

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.369	0.608
20.5 to 50/100	0.296	0.502
>50/100	0.205	0.454

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Sample No.	472	473	474	475	476		
Sampling Location/Comments	Mural Stool	3rd Fl, core between Blue/Tan houses	3rd - Inner core, Rm 371	F.B.	F.B.		
Type of Sample	4	4	4				
Pump Number							
Start Time/Stop Time	0838 | 0945	0856 | 1005	0952 | 1105				
Total Time (min)	67	69	73				
Flow Rate	150 | 150	150 | 150	150 | 150				
Total Volume (l)	1005	1035	1095				
FB — BFB / FL — BFL	0/100	6/100	5/100	0/100	0/100		
Filter Fiber Conc. (fibers/mm²)	0	7.6	6.4	–	–		
Airborne Fiber Conc. (fibers/cc)	nd<0.003	0.003	nd<0.003	–	–		

STANDARDS
<0.01 f/cc – EPA Re-Occupancy Clearance Criteria
0.10 f/cc – OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc – OSHA 30 min Excursion Level
ND< – Non Detected, less than the limit of detection
Limit of Detection – 5.5 fibers/100 fields

Relinquished by: Tom Martin Date 8/29/11 Time 0835
Received By: W Williamson Date 8/29/11 Time 0900
Relinquished by: Date Time
Received by Laboratory: Date Time

TRC Laboratory Asbestos Analytical Certifications:
CT#PH-0426 MA#AA000052 NY#10980 RI#AAL-007C3
ME#LB-0071 VA#3333000283 TX#300354 VT#AL014538
AIHA/PAT#100122

Condition of Sample: OK
Acceptable: Y ✓ N
Comments:

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab
473	5/100	KW 8/29/11	Lab

Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

APPENDIX E

ANALYTICAL DATA REPORTS

Date: July 20, 2011-J

NEA PACE Analytical e-Report

Report prepared for:
TRC ENVIRONMENTAL
WANNALANCIT MILLS
650 SUFFOLK ST
LOWELL, MA 01854
CONTACT: DAVID SULLIVAN

Project ID: 115058 NBHS PCB SAMPLING
Sampling Date(s): June 30, 2011
NEA Report ID: 11070000_Rev01
Client Service Contact: William Kotas (518) 346-4592 ext. 17

Analysis Included:
PCB Analysis

Test results meet all National Environmental Laboratory Accreditation Conference (NELAC) requirements unless noted in the case narrative. The results contained within this document relate only to the samples included in this report.This report shall not be reproduced, except in full, without the written consent of NEA - A Division of Pace Analytical Services, Inc.

Robert E. Wagner
Laboratory Director

Certifications: NYS (EPA: NY00906, ELAP: 11078), NJ (NY026), CT (PH-0337), MA(M-NY906), NC (668)

NEA - A Division of Pace Analytical Services| 2190 Technology Drive | Schenectady, NY 12308
Phone: 518.346.4592 | internet: www.nealab.com | Email: information@nealab.com

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Table of Contents

Section 1: CASE NARRATIVE 4

Section 2: SAMPLE CHAIN OF CUSTODY 6

Section 3: INTERNAL SAMPLE TRACKING RECORD 8

Section 4: SURROGATE % RECOVERY SUMMARY 11

Section 5: LABORATORY CONTROL SPIKE SUMMARY 13

Section 6: METHOD BLANK SUMMARY 16

Section 7: SAMPLE ANALYSIS DATA 19

Section 8: ANALYTICAL SEQUENCE (GC21F) 24

Section 9: INITIAL CALIBRATION DATA (GC21F) 28

Section 10: INITIAL/CONTINUING CALIBRATION DATA (GC21F) 31

Section 11: ANALYTICAL SEQUENCE (GC21B) 36

Section 12: INITIAL CALIBRATION DATA (GC21B) 40

Section 13: INITIAL/CONTINUING CALIBRATION DATA (GC21B) 43

Section 14: QC SAMPLE RAW DATA 48

Section 15: CERTIFICATES OF ANALYSIS (PCB) 56

CASE NARRATIVE

September 20, 2011

REVISED CASE NARRATIVE

This data package (SDG ID: 11070000) consists of 4 wipe samples received on 07/01/2011. The samples are from Project Name: 115058 NBHS PCB SAMPLING.

Revised Data Summary Package

The following correction has been made to the original data package submitted for this sample delivery group:

(1.) The Extraction Log and Screen Sheet have been replaced. The sample amount and wet weight have been changed.

This sample delivery group consists of the following samples:

Lab Sample ID	Client ID	Collection Date
AO10735*	PLY-WIPE-101	06/30/2011 14:01
AO10736	PLY-WIPE-102	06/30/2011 14:02
AO10737*	PLY-WIPE-103	06/30/2011 14:03
AO10738*	PLY-WIPE-104	06/30/2011 14:04
AO10739*	PLY-WIPE-105	06/30/2011 14:05
AO10740	PLY-WIPE-106	06/30/2011 14:06
AO10741*	PLY-WIPE-107	06/30/2011 14:07
AO10742	PLY-WIPE-108	06/30/2011 14:08
AO10743*	PLY-WIPE-109	06/30/2011 14:09
AO10744	PLY-WIPE-110	06/30/2011 14:10
AO10745*	PLY-WIPE-111	06/30/2011 14:11
AO10746*	PLY-WIPE-112	06/30/2011 14:12

*Indicates samples placed on HOLD per client request

Sample Delivery and Receipt Conditions

(1.) All samples were delivered to the laboratory via FEDEX delivery service on 07/01/2011.

(2.) All samples were received at the laboratory intact and within holding times.

(3.) The following cooler temperature was recorded at sample receipt (Control limits are between 0-6 Degrees Celsius): 1.7 degrees Celsius. Please see Chain of Custody for details.

PCB Aroclor Analysis

Analysis for PCB Aroclors was performed by EPA Method 8082 dual column GC analysis. Samples were extracted by Soxhlet Extraction Method (EPA - Method 3540C). The following technical and administrative items were noted for the analysis:

(1.) All quality assurance parameters were met for the analysis.

Qualifier Summary

(1.) B-Denotes analyte observed in associated method blank or extraction blank at a concentration exceeding the MDL.
(2.) J-Denotes concentration result greater than the MDL but less than the RL.
(3.) U-Denotes analyte not observed at a concentration greater than the MDL.

Respectfully submitted,

William A. Kotas
Client Services Manager

S:\Lims Data\1107\11070000\Package\CN_11070000_Rev01.doc

SAMPLE CHAIN OF CUSTODY

Pace Analytical®
www.pacelabs.com

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

<11070000P1>

110700001

Page: of

1466634

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: TRC	Report To: DAVE SULLIVAN	Attention:
Address: 650 SUFFOLK ST LOWELL MA 01854	Copy To: JOHN MULHALL, MALCOLM BEELER, AECOM	Company Name:
		Address:
Email To: DSULLIVAN@TRCSOLUTIONS.COM	Purchase Order No.:	Pace Quote Reference:
Phone: 978-656-3565 Fax:	Project Name: NBHS	Pace Project Manager:
Requested Due Date/TAT: 24HR	Project Number: 115058/820/3	Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☒ OTHER EPA

Site Location STATE: MA

Section D Required Client Information

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Matrix Codes — MATRIX / CODE: Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

Requested Analysis Filtered (Y/N): Y/N — Analysis Test: PCB

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED Composite Start Date	Composite Start Time	Composite End/Grab Date	Composite End/Grab Time	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other HEXANE	Analysis Test PCB	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	PLY ~~FEC~~ WIPE — 101	WP	G	6		6/30	1401		1								X	X		A010735
2	— 102						1402		1								X	X		A010736
3	— 103						1403		1								X	X		A010737
4	— 104						1404		1								X	X		A010738
5	— 105						1405		1								X	X		A010739
6	— 106						1406		1								X	X		A010740
7	— 107						1407		1								X	X		A010741
8	— 108						1408		1								X	X		A010742
9	— 109						1409		1								X	X		A010743
10	— 110						1410		1								X	X		A010744
11	— 111						1411		1								X	X		A010745
12	— 112						1412		1								X	X		A010746

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	[signature]	6/30/11	1900	FedEX			1.7	Y	Y	Y
	FedEX			Kathleen PACE	7/1/11	09:14				

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: JOHN MULHALL

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 06/30/11

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-May-2007

INTERNAL SAMPLE TRACKING RECORD

PCB EXTRACTION LOG

Prep Date: 07/01/11 **Batch ID: 14399**

Initial for required Clean Up Steps

	Prep ID	LAB Sample ID	Alt Sample ID	Matrix	pH	Analysis Required	Extract Type / Unit	Percent Total Solids	Sample Amount (g or mL)	Extract Time On - 1	Extract Time Off - 1	Extract Time On - 2	Extract Time Off - 2	Date Acid Cleaned (MM/DD)	Date TBA Cleaned (MM/DD)	Date Florisil Shake (MM/DD)	Date Hg Shake (MM/DD)	Final Ext. Vol (mL)	Date Conc (MM/DD)	Comments
														TJH		TJH	TJH			
1	138335	PBLK-31	AO10736B	Wipe		E PCB S	SOX	N/A	1.000	15:15	07:15	NA	NA	07/02	NA	07/02	07/02	5	07/02	Lot:I00208
2	138334	LCS-31	AO10736L	Wipe		E PCB S	SOX	N/A	1.000	15:15	07:15	NA	NA	07/02	NA	07/02	07/02	5	07/02	Lot:I00208
3	138323	11070000-02	AO10736	Wipe		E PCB S	SOX	100	1.000	15:15	07:15	NA	NA	07/02	NA	07/02	07/02	5	07/02	Lot: I00208(11070029)
4	138324	11070000-06	AO10740	Wipe		E PCB S	SOX	100	1.000	15:15	07:15	NA	NA	07/02	NA	07/02	07/02	5	07/02	Lot: I00208(11070029)
5	138325	11070000-08	AO10742	Wipe		E PCB S	SOX	100	1.000	15:15	07:15	NA	NA	07/02	NA	07/02	07/02	5	07/02	Lot: I00208(11070029)
6	138326	11070000-10	AO10744	Wipe		E PCB S	SOX	100	1.000	15:15	07:15	NA	NA	07/02	NA	07/02	07/02	5	07/02	Lot: I00208(11070029)
7	138327	11070001-02	AO10748	Wipe		E PCB S	SOX	100	1.000	15:15	07:15	NA	NA	07/02	NA	07/02	07/02	5	07/02	Lot: I00208(11070029)
8	138328	11070001-05	AO10751	Wipe		E PCB S	SOX	100	1.000	15:15	07:15	NA	NA	07/02	NA	07/02	07/02	5	07/02	Lot: I00208(11070029)
9	138329	11070001-09	AO10755	Wipe		E PCB S	SOX	100	1.000	15:15	07:15	NA	NA	07/02	NA	07/02	07/02	5	07/02	Lot: I00208(11070029)
10	138330	11070001-10	AO10756	Wipe		E PCB S	SOX	100	1.000	15:15	07:15	NA	NA	07/02	NA	07/02	07/02	5	07/02	Lot: I00208(11070029)
11	138331	11070002-05	AO10763	Wipe		E PCB S	SOX	100	1.000	15:15	07:15	NA	NA	07/02	NA	07/02	07/02	5	07/02	Lot: I00208(11070029)
12	138332	11070002-07	AO10765	Wipe		E PCB S	SOX	100	1.000	15:15	07:15	NA	NA	07/02	NA	07/02	07/02	5	07/02	Lot: I00208(11070029)
13	138333	11070002-10	AO10768	Wipe		E PCB S	SOX	100	1.000	15:15	07:15	NA	NA	07/02	NA	07/02	07/02	5	07/02	Lot: I00208(11070029)

Solvent, Surrogate, Spike, and Acid Information

Item	Lot Number	Amount (uL)	Conc (ug/mL)	B	L	LD	S	D	M	K
Sulfuric Acid (Main Lab)	E49039	NA	NA	p	p	¨	p	¨	¨	¨
Mercury	062210	NA		p	p	¨	p	¨	¨	¨
Aroclor 1254 @ 12.5PPM SPIKE	021411B030P019B	200	12.5	¨	p	¨	¨	¨	¨	¨
Thimbles (Cellulose)	N08433x80MM	NA		p	p	¨	p	¨	¨	¨
0.50ppm TCMX/ 5.0ppm DCBP in Hexan	061911B030P148A1-10	100	0.5/5.0	p	p	¨	p	¨	¨	¨
Hexane (Dewar)	DE148	NA		p	p	¨	p	¨	¨	¨
10% Florisil MAIN LAB	062511MLB2P63A	NA		p	p	¨	p	¨	¨	¨

Analyst Review: Jillian L Grygas
Jill Grygas

Peer Review: Craig Petrask
Craig Petrask

Print Date: 9/20/2011
Lims Version : 5.0.6.1
_EXT - LOGBOOK_GC-SV; Rev 02; 1.18.2010; EXTRACTION

PCB SCREEN SHEET

LRF: 11070000 **Batch ID:14399**

NEA Sample ID	File ID	Matrix	Prep Date	Wet Weight (g or mL)	Percent Solids	Dry Weight (g or mL)	Set Volume (mL)	Screen Dilution	Screen Result	Bench Dilution	Dilution Sequence	Final Multiplier	Dilution Analyst
AO10736B	GC21B-1454-15	Wipe	**07/01/11**	1.000	N/A	NA	5	NA	NA	1	NA	5x	Tom Herold
	GC21F-1519-15	Wipe	**07/01/11**	1.000	N/A	NA	5	NA	NA	1	NA	5x	Tom Herold
AO10736L	GC21B-1454-16	Wipe	**07/01/11**	1.000	N/A	NA	5	NA	NA	1	NA	5x	Tom Herold
	GC21F-1519-16	Wipe	**07/01/11**	1.000	N/A	NA	5	NA	NA	1	NA	5x	Tom Herold
AO10736	GC21B-1454-17	Wipe	**07/01/11**	1.000	100	NA	5	NA	NA	1	NA	5x	Tom Herold
	GC21F-1519-17	Wipe	**07/01/11**	1.000	100	NA	5	NA	NA	1	NA	5x	Tom Herold
AO10740	GC21B-1454-18	Wipe	**07/01/11**	1.000	100	NA	5	NA	NA	1	NA	5x	Tom Herold
	GC21F-1519-18	Wipe	**07/01/11**	1.000	100	NA	5	NA	NA	1	NA	5x	Tom Herold
AO10742	GC21B-1454-19	Wipe	**07/01/11**	1.000	100	NA	5	NA	NA	1	NA	5x	Tom Herold
	GC21F-1519-19	Wipe	**07/01/11**	1.000	100	NA	5	NA	NA	1	NA	5x	Tom Herold
AO10744	GC21B-1454-21	Wipe	**07/01/11**	1.000	100	NA	5	NA	NA	1	NA	5x	Tom Herold
	GC21F-1519-21	Wipe	**07/01/11**	1.000	100	NA	5	NA	NA	1	NA	5x	Tom Herold
AO10748	GC21B-1454-22	Wipe	**07/01/11**	1.000	100	NA	5	NA	NA	1	NA	5x	Tom Herold
	GC21F-1519-22	Wipe	**07/01/11**	1.000	100	NA	5	NA	NA	1	NA	5x	Tom Herold
AO10751	GC21B-1454-23	Wipe	**07/01/11**	1.000	100	NA	5	NA	NA	1	NA	5x	Tom Herold
	GC21F-1519-23	Wipe	**07/01/11**	1.000	100	NA	5	NA	NA	1	NA	5x	Tom Herold
AO10755	GC21B-1454-24	Wipe	**07/01/11**	1.000	100	NA	5	NA	NA	1	NA	5x	Tom Herold
	GC21F-1519-24	Wipe	**07/01/11**	1.000	100	NA	5	NA	NA	1	NA	5x	Tom Herold
AO10756	GC21B-1454-25	Wipe	**07/01/11**	1.000	100	NA	5	NA	NA	1	NA	5x	Tom Herold
	GC21F-1519-25	Wipe	**07/01/11**	1.000	100	NA	5	NA	NA	1	NA	5x	Tom Herold
AO10763	GC21B-1454-26	Wipe	**07/01/11**	1.000	100	NA	5	NA	NA	1	NA	5x	Tom Herold
	GC21F-1519-26	Wipe	**07/01/11**	1.000	100	NA	5	NA	NA	1	NA	5x	Tom Herold
AO10765	GC21B-1454-27	Wipe	**07/01/11**	1.000	100	NA	5	NA	NA	1	NA	5x	Tom Herold
	GC21F-1519-27	Wipe	**07/01/11**	1.000	100	NA	5	NA	NA	1	NA	5x	Tom Herold
AO10768	GC21B-1454-28	Wipe	**07/01/11**	1.000	100	NA	5	NA	NA	1	NA	5x	Tom Herold
	GC21F-1519-28	Wipe	**07/01/11**	1.000	100	NA	5	NA	NA	1	NA	5x	Tom Herold

COMMENTS: _____

SURROGATE % RECOVERY SUMMARY

4

2F-1
PCB SURROGATE RECOVERY

Laboratory Name: NEA - A Division of PACE SDG: 11070000

ELAP ID No: 11078

GC Column (1): Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm

GC Column (2): Phenomenex, Zebron ZB-5, 30 m, 0.25 mm ID, 0.25 µm

LRF ID	LAB SAMPLE ID	LAB FILE ID	SURR 1 (Col 1) % REC #	SURR 2 (Col 1) % REC #	SURR 1 (Col 2) % REC #	SURR 2 (Col 2) % REC #	OTHER (1)	OTHER (2)	TOTAL OUT
PBLK-31	AO10736B	GC21F-1519-15	95.2	101					0
PBLK-31	AO10736B	GC21B-1454-15			93.3	106			0
LCS-31	AO10736L	GC21F-1519-16	101	111					0
LCS-31	AO10736L	GC21B-1454-16			95.0	107			0
11070000-02	AO10736	GC21F-1519-17	98.8	111					0
11070000-02	AO10736	GC21B-1454-17			99.6	111			0
11070000-06	AO10740	GC21F-1519-18	101	110					0
11070000-06	AO10740	GC21B-1454-18			98.0	110			0
11070000-08	AO10742	GC21F-1519-19	96.1	99.3					0
11070000-08	AO10742	GC21B-1454-19			99.0	96.3			0
11070000-10	AO10744	GC21F-1519-21	105	108					0
11070000-10	AO10744	GC21B-1454-21			108	105			0

Column to be used to flag recovery values
* Values outside of QC limits
D Surrogate diluted out

	Advisory QC Limits.
SURR1 = TETRACHLORO-META-XYLENE	(60.0-140)
SURR2 = DECACHLOROBIPHENYL	(60.0-140)

Form II-CLP-PCB(NEA-PACE)

Print Date: 7/22/2011
Lims Version : 5.0.5.8

4

LABORATORY CONTROL SPIKE SUMMARY

5

3F-2
LABORATORY CONTROL SPIKE (LCS) RECOVERY

Laboratory Name: NEA - A Division of PACE

ELAP ID No: 11078

SDG No: 11070000

LCS Lab ID: LCS-31

Blank Sample ID: PBLK-31

LCS File ID: GC21F-1519-16

Method Blank File ID: GC21F-1519-15

LCS Inj Date: 07/04/2011 02:09:40

Method Blank Inj Date: 07/04/2011 01:36:51

LCS ID: AO10736L

Method Blank ID: AO10736B

LCS Matrix: Wipe

Method Blank Matrix: Wipe

COMPOUND	SPIKE ADDED (ug/Wipe)	LCS CONCENTRATION (ug/Wipe)	LCS PERCENT RECOVERY #	QC LIMITS[1] PERCENT RECOVERY
Aroclor 1254	1.25	1.31	105	70.0-130

Column to be used to flag recovery values

[1]QC Limits based upon laboratory defaults.

* Values outside of QC limits

Spike Recovery: 0 out of 1 outside limits.

5

COMMENTS:

Form III-CLP-PCB (NEA-PAC

Lims Version : 5.0.5.8

3F-2
LABORATORY CONTROL SPIKE (LCS) RECOVERY

Laboratory Name: NEA - A Division of PACE

ELAP ID No: 11078

SDG No: 11070000

LCS Lab ID: LCS-31

Blank Sample ID: PBLK-31

LCS File ID: GC21B-1454-16

Method Blank File ID: GC21B-1454-15

LCS Inj Date: 07/04/2011 02:09:44

Method Blank Inj Date: 07/04/2011 01:36:55

LCS ID: AO10736L

Method Blank ID: AO10736B

LCS Matrix: Wipe

Method Blank Matrix: Wipe

COMPOUND	SPIKE ADDED (ug/Wipe)	LCS CONCENTRATION (ug/Wipe)	LCS PERCENT RECOVERY #	QC LIMITS[1] PERCENT RECOVERY
Aroclor 1254	1.25	1.31	104	70.0-130

Column to be used to flag recovery values

[1]QC Limits based upon laboratory defaults.

* Values outside of QC limits

Spike Recovery: 0 out of 1 outside limits.

5

COMMENTS:

Form III-CLP-PCB (NEA-PAC

Lims Version : 5.0.5.8

METHOD BLANK SUMMARY

6

4C-1
PCB METHOD BLANK SUMMARY

Laboratory Name:	NEA - A Division of PACE	SDG No:	11070000
ELAP ID No:	11078	Blank Sample ID:	PBLK-31
Matrix:	WIPE	Method Blank Nea ID No:	AO10736B
Instrument ID:	GC21F	Lab File ID:	GC21F-1519-15
Extraction Type:	Soxhlet Method (3540C)	Date Extracted:	07/01/2011
GC Column (1):	Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm	Date Analyzed:	07/04/2011
		Time Analyzed:	01:36:51

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES AND QC:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE / TIME ANALYZED
LCS-31(LAB CONTROL SPIKE)	AO10736L	GC21F-1519-16	07/04/2011 02:09:40
PLY-WIPE-102	AO10736	GC21F-1519-17	07/04/2011 02:42:29
PLY-WIPE-106	AO10740	GC21F-1519-18	07/04/2011 03:15:18
PLY-WIPE-108	AO10742	GC21F-1519-19	07/04/2011 03:48:06
PLY-WIPE-110	AO10744	GC21F-1519-21	07/04/2011 04:53:44

4C-1
PCB METHOD BLANK SUMMARY

Laboratory Name:	NEA - A Division of PACE	SDG No:	11070000
ELAP ID No:	11078	Blank Sample ID:	PBLK-31
Matrix:	WIPE	Method Blank Nea ID No:	AO10736B
Instrument ID:	GC21B	Lab File ID:	GC21B-1454-15
Extraction Type:	Soxhlet Method (3540C)	Date Extracted:	07/01/2011
GC Column (1):	Phenomenex, Zebron ZB-5, 30 m, 0.25 mm ID, 0.25 µm	Date Analyzed:	07/04/2011
		Time Analyzed:	01:36:55

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES AND QC:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE / TIME ANALYZED
LCS-31(LAB CONTROL SPIKE)	AO10736L	GC21B-1454-16	07/04/2011 02:09:44
PLY-WIPE-102	AO10736	GC21B-1454-17	07/04/2011 02:42:33
PLY-WIPE-106	AO10740	GC21B-1454-18	07/04/2011 03:15:22
PLY-WIPE-108	AO10742	GC21B-1454-19	07/04/2011 03:48:11
PLY-WIPE-110	AO10744	GC21B-1454-21	07/04/2011 04:53:49

SAMPLE ANALYSIS DATA

7

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name:	NEA - A Division of PACE	SDG No:	11070000
ELAP ID No:	11078	LRF ID:	11070000-02
Matrix:	Wipe	Client ID:	PLY-WIPE-102
Sample wt(Dry)/vol:	N/A	Lab Sample ID:	AO10736
Percent Moisture:	N/A	Date Received:	07/01/2011
Extraction:	Soxhlet Method (3540C)	Date Extracted:	07/01/2011
Conc. Extract Volume:	5000 uL	Date Analyzed:	07/04/2011
Method:	SW-846 8082 (PCB)	Dilution Factor:	1
		Sulfur Cleanup:	YES

Column 1 Information:

GC Column: Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm

Injection Volume: 1.0 uL

Lab File ID: GC21F-1519-17

Column 2 Information:

GC Column: Phenomenex, Zebron ZB-5, 30 m, 0.25 mm ID, 0.25 µm

Injection Volume: 1.0 uL

Lab File ID: GC21B-1454-17

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION UG/WIPE	Q
1	12674-11-2	Aroclor 1016	0.100	U
1	11104-28-2	Aroclor 1221	0.100	U
1	11141-16-5	Aroclor 1232	0.100	U
1	53469-21-9	Aroclor 1242	0.100	U
1	12672-29-6	Aroclor 1248	0.100	U
1	11097-69-1	Aroclor 1254	0.100	U
1	11096-82-5	Aroclor 1260	0.100	U
1	37324-23-5	Aroclor 1262	0.100	U
1	11100-14-4	Aroclor 1268	0.100	U

Laboratory Qualifiers:
U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.

7

FORM I-CLP-PCB (NEA)

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name:	NEA - A Division of PACE	SDG No:	11070000
ELAP ID No:	11078	LRF ID:	11070000-06
Matrix:	Wipe	Client ID:	PLY-WIPE-106
Sample wt(Dry)/vol:	N/A	Lab Sample ID:	AO10740
Percent Moisture:	N/A	Date Received:	07/01/2011
Extraction:	Soxhlet Method (3540C)	Date Extracted:	07/01/2011
Conc. Extract Volume:	5000 uL	Date Analyzed:	07/04/2011
Method:	SW-846 8082 (PCB)	Dilution Factor:	1
		Sulfur Cleanup:	YES

Column 1 Information:

GC Column: Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm

Injection Volume: 1.0 uL

Lab File ID: GC21F-1519-18

Column 2 Information:

GC Column: Phenomenex, Zebron ZB-5, 30 m, 0.25 mm ID, 0.25 µm

Injection Volume: 1.0 uL

Lab File ID: GC21B-1454-18

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION UG/WIPE	Q
1	12674-11-2	Aroclor 1016	0.100	U
1	11104-28-2	Aroclor 1221	0.100	U
1	11141-16-5	Aroclor 1232	0.100	U
1	53469-21-9	Aroclor 1242	0.100	U
1	12672-29-6	Aroclor 1248	0.100	U
1	11097-69-1	Aroclor 1254	0.100	U
1	11096-82-5	Aroclor 1260	0.100	U
1	37324-23-5	Aroclor 1262	0.100	U
1	11100-14-4	Aroclor 1268	0.100	U

Laboratory Qualifiers:
U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.

7

FORM I-CLP-PCB (NEA)

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name:	NEA - A Division of PACE	SDG No:	11070000
ELAP ID No:	11078	LRF ID:	11070000-08
Matrix:	Wipe	Client ID:	PLY-WIPE-108
Sample wt(Dry)/vol:	N/A	Lab Sample ID:	AO10742
Percent Moisture:	N/A	Date Received:	07/01/2011
Extraction:	Soxhlet Method (3540C)	Date Extracted:	07/01/2011
Conc. Extract Volume:	5000 uL	Date Analyzed:	07/04/2011
Method:	SW-846 8082 (PCB)	Dilution Factor:	1
		Sulfur Cleanup:	YES

Column 1 Information:

GC Column: Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm

Injection Volume: 1.0 uL

Lab File ID: GC21F-1519-19

Column 2 Information:

GC Column: Phenomenex, Zebron ZB-5, 30 m, 0.25 mm ID, 0.25 µm

Injection Volume: 1.0 uL

Lab File ID: GC21B-1454-19

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION UG/WIPE	Q
1	12674-11-2	Aroclor 1016	0.100	U
1	11104-28-2	Aroclor 1221	0.100	U
1	11141-16-5	Aroclor 1232	0.100	U
1	53469-21-9	Aroclor 1242	0.100	U
1	12672-29-6	Aroclor 1248	0.100	U
1	11097-69-1	Aroclor 1254	0.100	U
1	11096-82-5	Aroclor 1260	0.100	U
1	37324-23-5	Aroclor 1262	0.100	U
1	11100-14-4	Aroclor 1268	0.100	U

Laboratory Qualifiers:
U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.

7

FORM I-CLP-PCB (NEA)

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name:	NEA - A Division of PACE	SDG No:	11070000
ELAP ID No:	11078	LRF ID:	11070000-10
Matrix:	Wipe	Client ID:	PLY-WIPE-110
Sample wt(Dry)/vol:	N/A	Lab Sample ID:	AO10744
Percent Moisture:	N/A	Date Received:	07/01/2011
Extraction:	Soxhlet Method (3540C)	Date Extracted:	07/01/2011
Conc. Extract Volume:	5000 uL	Date Analyzed:	07/04/2011
Method:	SW-846 8082 (PCB)	Dilution Factor:	1
		Sulfur Cleanup:	YES

Column 1 Information:

GC Column: Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm

Injection Volume: 1.0 uL

Lab File ID: GC21F-1519-21

Column 2 Information:

GC Column: Phenomenex, Zebron ZB-5, 30 m, 0.25 mm ID, 0.25 µm

Injection Volume: 1.0 uL

Lab File ID: GC21B-1454-21

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION UG/WIPE	Q
1	12674-11-2	Aroclor 1016	0.100	U
1	11104-28-2	Aroclor 1221	0.100	U
1	11141-16-5	Aroclor 1232	0.100	U
1	53469-21-9	Aroclor 1242	0.100	U
1	12672-29-6	Aroclor 1248	0.100	U
1	11097-69-1	Aroclor 1254	0.100	U
1	11096-82-5	Aroclor 1260	0.100	U
1	37324-23-5	Aroclor 1262	0.100	U
1	11100-14-4	Aroclor 1268	0.100	U

Laboratory Qualifiers:
U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.

7

FORM I-CLP-PCB (NEA)

Print Date: 7/22/2011
Lims Version : 5.0.5.8

ANALYTICAL SEQUENCE (GC21F)

8

8-D-1
PCB ANALYTICAL SEQUENCE

Laboratory Name: NEA - A Division of PACE SDG No: 11070000

ELAP ID No: 11078

Instrument ID: GC21F Init. Calib. Date(s): 03/11/11,03/12/11,03/14/11

GC Column (1): Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm

THE ANALYTICAL SEQUENCE OF SAMPLES, QC, AND STANDARDS IS GIVEN BELOW:

SURROGATE RETENTION TIME (RT) FROM INITIAL OR CONTINUING CALIBRATION
TCMX RT: 5.93 DCBP RT: 25.06

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE / TIME ANALYZED	TCMX RT # (+/-0.05 min)	DCBP RT # (+/-0.10 min)
01	A1016 20 PPB	031116A	GC21F-1425-3	03/11/2011 16:43:53		
02	A1016 100 PPB	031116B	GC21F-1425-4	03/11/2011 17:16:46		
03	A1016 250 PPB	031116C	GC21F-1425-5	03/11/2011 17:49:38		
04	A1016 500 PPB	031116D	GC21F-1425-6	03/11/2011 18:22:29		
05	A1016 1000 PPB	031116E	GC21F-1425-7	03/11/2011 18:55:20		
06	A1221 20 PPB	031121A	GC21F-1425-8	03/11/2011 19:28:11		
07	A1221 100 PPB	031121B	GC21F-1425-9	03/11/2011 20:01:03		
08	A1221 250 PPB	031121C	GC21F-1425-10	03/11/2011 20:33:54		
09	A1221 500 PPB	031121D	GC21F-1425-11	03/11/2011 21:06:46		
10	A1221 1000 PPB	031121E	GC21F-1425-12	03/11/2011 21:39:37		
11	A1232 20 PPB	031132A	GC21F-1425-13	03/11/2011 22:12:29		
12	A1232 100 PPB	031132B	GC21F-1425-14	03/11/2011 22:45:20		
13	A1232 250 PPB	031132C	GC21F-1425-15	03/11/2011 23:18:12		
14	A1232 500 PPB	031132D	GC21F-1425-16	03/11/2011 23:51:03		
15	A1232 1000 PPB	031132E	GC21F-1425-17	03/12/2011 00:23:54		
16	A1242 20 PPB	031142A	GC21F-1425-18	03/12/2011 00:56:47		
17	A1242 100 PPB	031142B	GC21F-1425-19	03/12/2011 01:29:38		
18	A1242 250 PPB	031142C	GC21F-1425-20	03/12/2011 02:02:29		
19	A1242 500 PPB	031142D	GC21F-1425-21	03/12/2011 02:35:19		
20	A1242 1000 PPB	031142E	GC21F-1425-22	03/12/2011 03:08:12		
21	A1248 20 PPB	031148A	GC21F-1425-23	03/12/2011 03:41:03		
22	A1248 100 PPB	031148B	GC21F-1425-24	03/12/2011 04:13:55		
23	A1248 250 PPB	031148C	GC21F-1425-25	03/12/2011 04:46:46		
24	A1248 500 PPB	031148D	GC21F-1425-26	03/12/2011 05:19:38		
25	A1248 1000 PPB	031148E	GC21F-1425-27	03/12/2011 05:52:30		
26	A1254 100 PPB	031154B	GC21F-1425-28	03/12/2011 06:25:22	5.93	25.06
27	A1254 20 PPB	031154A	GC21F-1425-29	03/12/2011 06:58:12	5.93	25.06
28	A1254 250 PPB	031154C	GC21F-1425-30	03/12/2011 07:31:03	5.93	25.06
29	A1254 500 PPB	031154D	GC21F-1425-31	03/12/2011 08:03:54	5.93	25.06
30	A1254 1000 PPB	031154E	GC21F-1425-32	03/12/2011 08:36:46	5.93	25.06
31	A1260 20 PPB	031160A	GC21F-1425-33	03/12/2011 09:09:37		
32	A1260 100 PPB	031160B	GC21F-1425-34	03/12/2011 09:42:28		
33	A1260 250 PPB	031160C	GC21F-1425-35	03/12/2011 10:15:19		
34	A1260 500 PPB	031160D	GC21F-1425-36	03/12/2011 10:48:11		
35	A1260 1000 PPB	031160E	GC21F-1425-37	03/12/2011 11:21:02		
36	A1262 20 PPB	031162A	GC21F-1425-38	03/12/2011 11:53:53		
37	A1262 100 PPB	031162B	GC21F-1425-39	03/12/2011 12:26:44		
38	A1262 250 PPB	031162C	GC21F-1425-40	03/12/2011 12:59:35		

Column used to flag surrogate retention times outside expected range.

8-D-1
PCB ANALYTICAL SEQUENCE

Laboratory Name: NEA - A Division of PACE SDG No: 11070000

ELAP ID No: 11078

Instrument ID: GC21F Init. Calib. Date(s): 03/11/11,03/12/11,03/14/11

GC Column (1): Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm

THE ANALYTICAL SEQUENCE OF SAMPLES, QC, AND STANDARDS IS GIVEN BELOW:

SURROGATE RETENTION TIME (RT) FROM INITIAL OR CONTINUING CALIBRATION
TCMX RT: 5.93 DCBP RT: 25.06

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE / TIME ANALYZED	TCMX RT # (+/-0.05 min)	DCBP RT # (+/-0.10 min)
39	A1262 500 PPB	031162D	GC21F-1425-41	03/12/2011 13:32:26		
40	A1262 1000 PPB	031162E	GC21F-1425-42	03/12/2011 14:05:18		
41	A1268 20 PPB	031168A	GC21F-1425-43	03/12/2011 14:38:09		
42	A1268 100 PPB	031168B	GC21F-1425-44	03/12/2011 15:11:00		
43	A1268 250 PPB	031168C	GC21F-1425-45	03/12/2011 15:43:52		
44	A1268 500 PPB	031168D	GC21F-1425-46	03/12/2011 16:16:44		
45	A1268 1000 PPB	031168E	GC21F-1425-47	03/12/2011 16:49:35		
46	IUPAC 15 20 PPB	0314FSA	GC21F-1425-60	03/14/2011 10:51:18		
47	IUPAC 15 50 PPB	0314FSB	GC21F-1425-61	03/14/2011 11:24:10		
48	IUPAC 15 80 PPB	0314FSC	GC21F-1425-62	03/14/2011 11:57:01		
49	IUPAC 15 100 PPB	0314FSD	GC21F-1425-63	03/14/2011 12:29:52		
50	IUPAC 15 200 PPB	0314FSE	GC21F-1425-64	03/14/2011 13:02:43		
51	A1016 500 PPB	CS160314A	GC21F-1425-66	03/14/2011 14:08:26	5.93	25.04
52	A1221 500 PPB	CS210314A	GC21F-1425-67	03/14/2011 14:41:18	5.93	25.03
53	A1232 500 PPB	CS320314A	GC21F-1425-68	03/14/2011 15:14:09	5.93	25.03
54	A1242 500 PPB	CS420314A	GC21F-1425-69	03/14/2011 15:47:00	5.93	25.04
55	A1248 500 PPB	CS480314A	GC21F-1425-70	03/14/2011 16:19:51	5.93	25.03
56	A1254 500 PPB	CS540314A	GC21F-1425-71	03/14/2011 16:52:42	5.93	25.03
57	A1260 500 PPB	CS600314A	GC21F-1425-72	03/14/2011 17:25:33	5.93	25.03
58	A1262 500 PPB	CS620314A	GC21F-1425-73	03/14/2011 17:58:24	5.93	25.04
59	A1268 500 PPB	CS680314A	GC21F-1425-74	03/14/2011 18:31:15	5.93	25.03
60	SURR IUPAC 15 70 PPB	110314FS01	GC21F-1425-75	03/14/2011 19:04:06	5.93	25.05
61	A1221 500 PPB	CS210703A	GC21F-1519-10	07/03/2011 22:52:46	5.94	25.04
62	ZZZZZ	ZZZZZ	GC21F-1519-11	07/03/2011 23:25:35	5.94	25.05
63	ZZZZZ	ZZZZZ	GC21F-1519-12	07/03/2011 23:58:24	5.94	25.05
64	ZZZZZ	ZZZZZ	GC21F-1519-13	07/04/2011 00:31:13	5.94	25.05
65	ZZZZZ	ZZZZZ	GC21F-1519-14	07/04/2011 01:04:02	5.94	25.05
66	PBLK-31(METHOD BLANK)	AO10736B	GC21F-1519-15	07/04/2011 01:36:51	5.94	25.04
67	LCS-31(LAB CONTROL SPIKE)	AO10736L	GC21F-1519-16	07/04/2011 02:09:40	5.94	25.04
68	PLY-WIPE-102	AO10736	GC21F-1519-17	07/04/2011 02:42:29	5.94	25.04
69	PLY-WIPE-106	AO10740	GC21F-1519-18	07/04/2011 03:15:18	5.94	25.04
70	PLY-WIPE-108	AO10742	GC21F-1519-19	07/04/2011 03:48:06	5.94	25.04
71	A1232 500 PPB	CS320703A	GC21F-1519-20	07/04/2011 04:20:55	5.94	25.04
72	PLY-WIPE-110	AO10744	GC21F-1519-21	07/04/2011 04:53:44	5.94	25.04
73	ZZZZZ	ZZZZZ	GC21F-1519-22	07/04/2011 05:26:34	5.94	25.04
74	ZZZZZ	ZZZZZ	GC21F-1519-23	07/04/2011 05:59:23	5.94	25.04
75	ZZZZZ	ZZZZZ	GC21F-1519-24	07/04/2011 06:32:12	5.94	25.04
76	ZZZZZ	ZZZZZ	GC21F-1519-25	07/04/2011 07:05:03	5.94	25.04

Column used to flag surrogate retention times outside expected range.

FORM VIII-CLP-PCB(NEA-PA

Print Date: 7/22/2011
Lims Version : 5.0.5.8

8-D-1
PCB ANALYTICAL SEQUENCE

Laboratory Name: NEA - A Division of PACE SDG No: 11070000

ELAP ID No: 11078

Instrument ID: GC21F Init. Calib. Date(s): 03/11/11,03/12/11,03/14/11

GC Column (1): Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm

THE ANALYTICAL SEQUENCE OF SAMPLES, QC, AND STANDARDS IS GIVEN BELOW:

SURROGATE RETENTION TIME (RT) FROM INITIAL OR CONTINUING CALIBRATION
TCMX RT: 5.93 DCBP RT: 25.06

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE / TIME ANALYZED	TCMX RT # (+/-0.05 min)	DCBP RT # (+/-0.10 min)
77	ZZZZZ	ZZZZZ	GC21F-1519-26	07/04/2011 07:37:52	5.94	25.04
78	ZZZZZ	ZZZZZ	GC21F-1519-27	07/04/2011 08:10:42	5.94	25.03
79	ZZZZZ	ZZZZZ	GC21F-1519-28	07/04/2011 08:43:30	5.94	25.05
80	ZZZZZ	ZZZZZ	GC21F-1519-29	07/04/2011 09:16:19	5.94	25.05
81	A1242 500 PPB	CS420703A	GC21F-1519-30	07/04/2011 09:49:08	5.94	25.04

8

Column used to flag surrogate retention times outside expected range.

INITIAL CALIBRATION DATA (GC21F)

9

6F-1
PCB INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Laboratory Name: NEA - A Division of PACE
SDG NO: 11070000
ELAP ID No: 11078
Date(s) Analyzed: 03/11/11,03/12/11,03/14/11
Instrument ID: GC21F
GC Column: Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm

COMPOUND	LAB FILE ID	NEA SAMPLE ID	AMOUNT (ppb)	TOTAL[1] RF	MEAN RF	% RSD
Aroclor 1016	GC21F-1425-3	031116A	20.0	80.892		
	GC21F-1425-4	031116B	100	91.315		
	GC21F-1425-5	031116C	250	84.840		
	GC21F-1425-6	031116D	500	84.133		
	GC21F-1425-7	031116E	1000	79.800	84.196	5.4
Aroclor 1221	GC21F-1425-8	031121A	20.0	24.208		
	GC21F-1425-9	031121B	100	25.122		
	GC21F-1425-10	031121C	250	24.662		
	GC21F-1425-11	031121D	500	22.567		
	GC21F-1425-12	031121E	1000	22.043	23.720	5.7
Aroclor 1232	GC21F-1425-13	031132A	20.0	42.018		
	GC21F-1425-14	031132B	100	40.939		
	GC21F-1425-15	031132C	250	41.091		
	GC21F-1425-16	031132D	500	39.718		
	GC21F-1425-17	031132E	1000	39.035	40.560	2.9
Aroclor 1242	GC21F-1425-18	031142A	20.0	75.584		
	GC21F-1425-19	031142B	100	72.310		
	GC21F-1425-20	031142C	250	74.392		
	GC21F-1425-21	031142D	500	74.520		
	GC21F-1425-22	031142E	1000	70.168	73.395	2.9
Aroclor 1248	GC21F-1425-23	031148A	20.0	67.932		
	GC21F-1425-24	031148B	100	75.340		
	GC21F-1425-25	031148C	250	75.049		
	GC21F-1425-26	031148D	500	70.150		
	GC21F-1425-27	031148E	1000	71.176	71.929	4.5
Aroclor 1254	GC21F-1425-29	031154A	20.0	111.528		
	GC21F-1425-28	031154B	100	117.476		
	GC21F-1425-30	031154C	250	113.797		
	GC21F-1425-31	031154D	500	110.455		
	GC21F-1425-32	031154E	1000	105.946	111.841	3.8
Aroclor 1260	GC21F-1425-33	031160A	20.0	132.290		
	GC21F-1425-34	031160B	100	133.443		
	GC21F-1425-35	031160C	250	130.897		
	GC21F-1425-36	031160D	500	130.670		
	GC21F-1425-37	031160E	1000	120.984	129.657	3.8
Aroclor 1262	GC21F-1425-38	031162A	20.0	138.670		
	GC21F-1425-39	031162B	100	135.528		
	GC21F-1425-40	031162C	250	141.432		
	GC21F-1425-41	031162D	500	140.464		
	GC21F-1425-42	031162E	1000	129.566	137.132	3.5

FORM VI-CLP-PCB(NEA-PACE)

Print Date: 7/22/2011
Lims Version : 5.0.5.8

6F-1
PCB INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Laboratory Name: NEA - A Division of PACE
SDG NO: 11070000
ELAP ID No: 11078
Date(s) Analyzed: 03/11/11,03/12/11,03/14/11
Instrument ID: GC21F
GC Column: Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm

COMPOUND	LAB FILE ID	NEA SAMPLE ID	AMOUNT (ppb)	TOTAL[1] RF	MEAN RF	% RSD
Aroclor 1268	GC21F-1425-43	031168A	20.0	271.193		
	GC21F-1425-44	031168B	100	277.620		
	GC21F-1425-45	031168C	250	268.054		
	GC21F-1425-46	031168D	500	247.108		
	GC21F-1425-47	031168E	1000	241.469	261.089	6.1
TCMX	GC21F-1425-29	031154A	2.00	488.907		
	GC21F-1425-28	031154B	5.00	471.002		
	GC21F-1425-30	031154C	8.00	456.151		
	GC21F-1425-31	031154D	10.0	456.889		
	GC21F-1425-32	031154E	20.0	435.936	461.777	4.3
4,4'-Dibromobiphenyl	GC21F-1425-60	0314FSA	20.0	259.225		
	GC21F-1425-61	0314FSB	50.0	244.499		
	GC21F-1425-62	0314FSC	80.0	237.202		
	GC21F-1425-63	0314FSD	100	239.501		
	GC21F-1425-64	0314FSE	200	226.267	241.339	5.0
DCBP	GC21F-1425-29	031154A	20.0	517.601		
	GC21F-1425-28	031154B	50.0	493.896		
	GC21F-1425-30	031154C	80.0	468.074		
	GC21F-1425-31	031154D	100	469.605		
	GC21F-1425-32	031154E	200	445.781	478.991	5.7

% RSD Limit <= 20%
TCMX=TETRACHLOROMETAXYLENE
DCBP=DECACHLOROBIPHENYL

[1] Response factor calculated using total area of 5 peaks used to quantitate each Aroclor. Mean response factor not used in Aroclor quantitation, calibration curve by linear regression used for quantitation. Concentrations are nominal values, please see Calibration Curve Report Point Table for actual values.

9

INITIAL/CONTINUING CALIBRATION DATA (GC21F)

10

7E-1
PCB CALIBRATION VERIFICATION SUMMARY

Laboratory Name: NEA - A Division of PACE SDG NO: 11070000

ELAP ID No: 11078

Instrument ID: GC21F

GC Column: Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm

COMPOUND	LAB FILE ID	NEA SAMPLE ID	CALIB TYPE	CALC AMOUNT (ng/mL)	NOM AMOUNT (ng/mL)	PERCENT DIFFERENCE	Q	DATE / TIME ANALYZED
Aroclor 1016	GC21F-1425-66	CS160314A	ICV	499	500	-0.153		03/14/2011 14:08:26
Aroclor 1221	GC21F-1425-67	CS210314A	ICV	509	500	1.86		03/14/2011 14:41:18
Aroclor 1232	GC21F-1425-68	CS320314A	ICV	496	500	-0.867		03/14/2011 15:14:09
Aroclor 1242	GC21F-1425-69	CS420314A	ICV	450	500	-9.95		03/14/2011 15:47:00
Aroclor 1248	GC21F-1425-70	CS480314A	ICV	482	500	-3.51		03/14/2011 16:19:51
Aroclor 1254	GC21F-1425-71	CS540314A	ICV	480	500	-3.97		03/14/2011 16:52:42
Aroclor 1260	GC21F-1425-72	CS600314A	ICV	479	500	-4.30		03/14/2011 17:25:33
Aroclor 1262	GC21F-1425-73	CS620314A	ICV	495	500	-1.02		03/14/2011 17:58:24
Aroclor 1268	GC21F-1425-74	CS680314A	ICV	462	500	-7.61		03/14/2011 18:31:15
Aroclor 1221	GC21F-1519-10	CS210703A	CCV	554	500	10.9		07/03/2011 22:52:46
Aroclor 1232	GC21F-1519-20	CS320703A	CCV	562	500	12.4		07/04/2011 04:20:55
Aroclor 1242	GC21F-1519-30	CS420703A	CCV	486	500	-2.86		07/04/2011 09:49:08

% Difference must be less than or equal to +/- 15 percent

ICV = Initial Calibration Verification

CCV = Continuing Calibration Verification

10

7E-2
PCB CALIBRATION VERIFICATION SUMMARY

Laboratory Name: NEA - A Division of PACE
SGD NO: 11070000
ELAP ID No: 11078
Instrument ID: GC21F
GC Column: Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm

COMPOUND	Lab File ID	NEA Sample ID	CALIB* TYPE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO
Aroclor 1016	GC21F-1425-66	CS160314A	ICV	1	7.54	7.46	7.62
		CS160314A	ICV	2	7.92	7.84	8.00
		CS160314A	ICV	3	8.54	8.46	8.62
		CS160314A	ICV	4	8.75	8.67	8.83
		CS160314A	ICV	5	8.88	8.80	8.96
Aroclor 1221	GC21F-1425-67	CS210314A	ICV	1	4.53	4.45	4.61
		CS210314A	ICV	2	5.77	5.69	5.85
		CS210314A	ICV	3	6.33	6.25	6.41
		CS210314A	ICV	4	6.52	6.44	6.60
		CS210314A	ICV	5	6.64	6.56	6.72
Aroclor 1232	GC21F-1425-68	CS320314A	ICV	1	6.64	6.56	6.72
		CS320314A	ICV	2	7.91	7.83	7.99
		CS320314A	ICV	3	8.53	8.45	8.61
		CS320314A	ICV	4	8.74	8.66	8.82
		CS320314A	ICV	5	8.88	8.80	8.96
Aroclor 1242	GC21F-1425-69	CS420314A	ICV	1	7.54	7.46	7.62
		CS420314A	ICV	2	7.92	7.84	8.00
		CS420314A	ICV	3	8.54	8.46	8.62
		CS420314A	ICV	4	8.75	8.67	8.83
		CS420314A	ICV	5	8.88	8.80	8.96
Aroclor 1248	GC21F-1425-70	CS480314A	ICV	1	9.45	9.37	9.53
		CS480314A	ICV	2	10.10	10.02	10.18
		CS480314A	ICV	3	10.73	10.65	10.81
		CS480314A	ICV	4	10.89	10.81	10.97
		CS480314A	ICV	5	11.29	11.21	11.37
Aroclor 1254	GC21F-1425-71	CS540314A	ICV	1	11.60	11.52	11.68
		CS540314A	ICV	2	12.25	12.17	12.33
		CS540314A	ICV	3	12.53	12.45	12.61
		CS540314A	ICV	4	13.99	13.91	14.07
		CS540314A	ICV	5	14.81	14.73	14.89
Aroclor 1260	GC21F-1425-72	CS600314A	ICV	1	14.81	14.73	14.89
		CS600314A	ICV	2	17.02	16.94	17.10
		CS600314A	ICV	3	17.88	17.80	17.96
		CS600314A	ICV	4	18.62	18.54	18.70
		CS600314A	ICV	5	20.74	20.66	20.82
Aroclor 1262	GC21F-1425-73	CS620314A	ICV	1	14.81	14.73	14.89
		CS620314A	ICV	2	17.02	16.94	17.10
		CS620314A	ICV	3	17.88	17.80	17.96

FORM VII-CLP-PCB(NEA-PACE

Print Date: 7/22/2011
Lims Version : 5.0.5.8

7E-2
PCB CALIBRATION VERIFICATION SUMMARY

Laboratory Name: NEA - A Division of PACE

SGD NO: 11070000

ELAP ID No: 11078

Instrument ID: GC21F

GC Column: Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm

COMPOUND	Lab File ID	NEA Sample ID	CALIB TYPE*	PEAK	RT	RT WINDOW FROM	RT WINDOW TO
Aroclor 1262		CS620314A	ICV	4	18.63	18.55	18.71
		CS620314A	ICV	5	20.75	20.67	20.83
Aroclor 1268	GC21F-1425-74	CS680314A	ICV	1	18.63	18.55	18.71
		CS680314A	ICV	2	20.74	20.66	20.82
		CS680314A	ICV	3	18.41	18.33	18.49
		CS680314A	ICV	4	19.88	19.80	19.96
		CS680314A	ICV	5	20.23	20.15	20.31

* ICV = Initial Calibration Verification
CCV = Continuing Calibration Verification

10

FORM VII-CLP-PCB(NEA-PACE

Print Date: 7/22/2011
Lims Version : 5.0.5.8

7E-2
PCB CALIBRATION VERIFICATION SUMMARY

Laboratory Name: NEA - A Division of PACE

SGD NO: 11070000

ELAP ID No: 11078

Instrument ID: GC21F

GC Column: Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm

COMPOUND	Lab File ID	NEA Sample ID	CALIB TYPE*	PEAK	RT	RT WINDOW FROM	RT WINDOW TO
Aroclor 1221	GC21F-1519-10	CS210703A	CCV	1	4.55	4.45	4.61
		CS210703A	CCV	2	5.78	5.69	5.85
		CS210703A	CCV	3	6.34	6.25	6.41
		CS210703A	CCV	4	6.53	6.44	6.60
		CS210703A	CCV	5	6.65	6.56	6.72
Aroclor 1232	GC21F-1519-20	CS320703A	CCV	1	6.65	6.56	6.72
		CS320703A	CCV	2	7.92	7.83	7.99
		CS320703A	CCV	3	8.54	8.45	8.61
		CS320703A	CCV	4	8.74	8.66	8.82
		CS320703A	CCV	5	8.88	8.80	8.96
Aroclor 1242	GC21F-1519-30	CS420703A	CCV	1	7.54	7.46	7.62
		CS420703A	CCV	2	7.92	7.84	8.00
		CS420703A	CCV	3	8.54	8.46	8.62
		CS420703A	CCV	4	8.75	8.67	8.83
		CS420703A	CCV	5	8.88	8.80	8.96

* ICV = Initial Calibration Verification
CCV = Continuing Calibration Verification

10

ANALYTICAL SEQUENCE (GC21B)

8-D-1
PCB ANALYTICAL SEQUENCE

Laboratory Name: NEA - A Division of PACE SDG No: 11070000

ELAP ID No: 11078

Instrument ID: GC21B Init. Calib. Date(s): 03/11/11,03/12/11,03/14/11

GC Column (1): Phenomenex, Zebron ZB-5, 30 m, 0.25 mm ID, 0.25 µm

THE ANALYTICAL SEQUENCE OF SAMPLES, QC, AND STANDARDS IS GIVEN BELOW:

SURROGATE RETENTION TIME (RT) FROM INITIAL OR CONTINUING CALIBRATION
TCMX RT: 6.51 DCBP RT: 27.37

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE / TIME ANALYZED	TCMX RT # (+/-0.05 min)	DCBP RT # (+/-0.10 min)
01	A1016 20 PPB	031116A	GC21B-1358-3	03/11/2011 16:43:58		
02	A1016 100 PPB	031116B	GC21B-1358-4	03/11/2011 17:16:50		
03	A1016 250 PPB	031116C	GC21B-1358-5	03/11/2011 17:49:43		
04	A1016 500 PPB	031116D	GC21B-1358-6	03/11/2011 18:22:33		
05	A1016 1000 PPB	031116E	GC21B-1358-7	03/11/2011 18:55:24		
06	A1221 20 PPB	031121A	GC21B-1358-8	03/11/2011 19:28:15		
07	A1221 100 PPB	031121B	GC21B-1358-9	03/11/2011 20:01:07		
08	A1221 250 PPB	031121C	GC21B-1358-10	03/11/2011 20:33:59		
09	A1221 500 PPB	031121D	GC21B-1358-11	03/11/2011 21:06:50		
10	A1221 1000 PPB	031121E	GC21B-1358-12	03/11/2011 21:39:42		
11	A1232 20 PPB	031132A	GC21B-1358-13	03/11/2011 22:12:34		
12	A1232 100 PPB	031132B	GC21B-1358-14	03/11/2011 22:45:25		
13	A1232 250 PPB	031132C	GC21B-1358-15	03/11/2011 23:18:17		
14	A1232 500 PPB	031132D	GC21B-1358-16	03/11/2011 23:51:08		
15	A1232 1000 PPB	031132E	GC21B-1358-17	03/12/2011 00:23:59		
16	A1242 20 PPB	031142A	GC21B-1358-18	03/12/2011 00:56:51		
17	A1242 100 PPB	031142B	GC21B-1358-19	03/12/2011 01:29:43		
18	A1242 250 PPB	031142C	GC21B-1358-20	03/12/2011 02:02:33		
19	A1242 500 PPB	031142D	GC21B-1358-21	03/12/2011 02:35:24		
20	A1242 1000 PPB	031142E	GC21B-1358-22	03/12/2011 03:08:16		
21	A1248 20 PPB	031148A	GC21B-1358-23	03/12/2011 03:41:07		
22	A1248 100 PPB	031148B	GC21B-1358-24	03/12/2011 04:13:59		
23	A1248 250 PPB	031148C	GC21B-1358-25	03/12/2011 04:46:50		
24	A1248 500 PPB	031148D	GC21B-1358-26	03/12/2011 05:19:42		
25	A1248 1000 PPB	031148E	GC21B-1358-27	03/12/2011 05:52:34		
26	A1254 100 PPB	031154B	GC21B-1358-28	03/12/2011 06:25:25	6.51	27.38
27	A1254 20 PPB	031154A	GC21B-1358-29	03/12/2011 06:58:15	6.51	27.37
28	A1254 250 PPB	031154C	GC21B-1358-30	03/12/2011 07:31:06	6.51	27.37
29	A1254 500 PPB	031154D	GC21B-1358-31	03/12/2011 08:03:58	6.51	27.38
30	A1254 1000 PPB	031154E	GC21B-1358-32	03/12/2011 08:36:50	6.51	27.37
31	A1260 20 PPB	031160A	GC21B-1358-33	03/12/2011 09:09:41		
32	A1260 100 PPB	031160B	GC21B-1358-34	03/12/2011 09:42:32		
33	A1260 250 PPB	031160C	GC21B-1358-35	03/12/2011 10:15:23		
34	A1260 500 PPB	031160D	GC21B-1358-36	03/12/2011 10:48:15		
35	A1260 1000 PPB	031160E	GC21B-1358-37	03/12/2011 11:21:05		
36	A1262 20 PPB	031162A	GC21B-1358-38	03/12/2011 11:53:56		
37	A1262 100 PPB	031162B	GC21B-1358-39	03/12/2011 12:26:47		
38	A1262 250 PPB	031162C	GC21B-1358-40	03/12/2011 12:59:38		

Column used to flag surrogate retention times outside expected range.

8-D-1
PCB ANALYTICAL SEQUENCE

Laboratory Name: NEA - A Division of PACE SDG No: 11070000

ELAP ID No: 11078

Instrument ID: GC21B Init. Calib. Date(s): 03/11/11,03/12/11,03/14/11

GC Column (1): Phenomenex, Zebron ZB-5, 30 m, 0.25 mm ID, 0.25 µm

THE ANALYTICAL SEQUENCE OF SAMPLES, QC, AND STANDARDS IS GIVEN BELOW:

SURROGATE RETENTION TIME (RT) FROM INITIAL OR CONTINUING CALIBRATION
TCMX RT: 6.51 DCBP RT: 27.37

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE / TIME ANALYZED	TCMX RT # (+/-0.05 min)	DCBP RT # (+/-0.10 min)
39	A1262 500 PPB	031162D	GC21B-1358-41	03/12/2011 13:32:30		
40	A1262 1000 PPB	031162E	GC21B-1358-42	03/12/2011 14:05:21		
41	A1268 20 PPB	031168A	GC21B-1358-43	03/12/2011 14:38:13		
42	A1268 100 PPB	031168B	GC21B-1358-44	03/12/2011 15:11:04		
43	A1268 250 PPB	031168C	GC21B-1358-45	03/12/2011 15:43:56		
44	A1268 500 PPB	031168D	GC21B-1358-46	03/12/2011 16:16:48		
45	A1268 1000 PPB	031168E	GC21B-1358-47	03/12/2011 16:49:38		
46	IUPAC 15 20 PPB	0314FSA	GC21B-1358-60	03/14/2011 10:51:22		
47	IUPAC 15 50 PPB	0314FSB	GC21B-1358-61	03/14/2011 11:24:14		
48	IUPAC 15 80 PPB	0314FSC	GC21B-1358-62	03/14/2011 11:57:05		
49	IUPAC 15 100 PPB	0314FSD	GC21B-1358-63	03/14/2011 12:29:56		
50	IUPAC 15 200 PPB	0314FSE	GC21B-1358-64	03/14/2011 13:02:48		
51	A1016 500 PPB	CS160314A	GC21B-1358-66	03/14/2011 14:08:31	6.51	27.35
52	A1221 500 PPB	CS210314A	GC21B-1358-67	03/14/2011 14:41:22	6.51	27.34
53	A1232 500 PPB	CS320314A	GC21B-1358-68	03/14/2011 15:14:13	6.50	27.35
54	A1242 500 PPB	CS420314A	GC21B-1358-69	03/14/2011 15:47:04	6.51	27.35
55	A1248 500 PPB	CS480314A	GC21B-1358-70	03/14/2011 16:19:55	6.50	27.35
56	A1254 500 PPB	CS540314A	GC21B-1358-71	03/14/2011 16:52:46	6.51	27.35
57	A1260 500 PPB	CS600314A	GC21B-1358-72	03/14/2011 17:25:37	6.51	27.34
58	A1262 500 PPB	CS620314A	GC21B-1358-73	03/14/2011 17:58:28	6.51	27.35
59	A1268 500 PPB	CS680314A	GC21B-1358-74	03/14/2011 18:31:20	6.51	27.35
60	SURR IUPAC 15 70 PPB	110314FS01	GC21B-1358-75	03/14/2011 19:04:10	6.52	27.37
61	A1221 500 PPB	CS210703A	GC21B-1454-10	07/03/2011 22:52:50	6.51	27.36
62	ZZZZZ	ZZZZZ	GC21B-1454-11	07/03/2011 23:25:39	6.51	27.36
63	ZZZZZ	ZZZZZ	GC21B-1454-12	07/03/2011 23:58:28	6.51	27.35
64	ZZZZZ	ZZZZZ	GC21B-1454-13	07/04/2011 00:31:17	6.51	27.35
65	ZZZZZ	ZZZZZ	GC21B-1454-14	07/04/2011 01:04:06	6.51	27.35
66	PBLK-31(METHOD BLANK)	AO10736B	GC21B-1454-15	07/04/2011 01:36:55	6.51	27.35
67	LCS-31(LAB CONTROL SPIKE)	AO10736L	GC21B-1454-16	07/04/2011 02:09:44	6.50	27.35
68	PLY-WIPE-102	AO10736	GC21B-1454-17	07/04/2011 02:42:33	6.51	27.35
69	PLY-WIPE-106	AO10740	GC21B-1454-18	07/04/2011 03:15:22	6.51	27.35
70	PLY-WIPE-108	AO10742	GC21B-1454-19	07/04/2011 03:48:11	6.50	27.35
71	A1232 500 PPB	CS320703A	GC21B-1454-20	07/04/2011 04:21:00	6.50	27.34
72	PLY-WIPE-110	AO10744	GC21B-1454-21	07/04/2011 04:53:49	6.51	27.34
73	ZZZZZ	ZZZZZ	GC21B-1454-22	07/04/2011 05:26:38	6.51	27.35
74	ZZZZZ	ZZZZZ	GC21B-1454-23	07/04/2011 05:59:27	6.51	27.35
75	ZZZZZ	ZZZZZ	GC21B-1454-24	07/04/2011 06:32:16	6.51	27.35
76	ZZZZZ	ZZZZZ	GC21B-1454-25	07/04/2011 07:05:06	6.51	27.35

Column used to flag surrogate retention times outside expected range.

8-D-1
PCB ANALYTICAL SEQUENCE

Laboratory Name: NEA - A Division of PACE SDG No: 11070000

ELAP ID No: 11078

Instrument ID: GC21B Init. Calib. Date(s): 03/11/11,03/12/11,03/14/11

GC Column (1): Phenomenex, Zebron ZB-5, 30 m, 0.25 mm ID, 0.25 µm

THE ANALYTICAL SEQUENCE OF SAMPLES, QC, AND STANDARDS IS GIVEN BELOW:

SURROGATE RETENTION TIME (RT) FROM INITIAL OR CONTINUING CALIBRATION

TCMX RT: 6.51 DCBP RT: 27.37

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE / TIME ANALYZED	TCMX RT # (+/-0.05 min)	DCBP RT # (+/-0.10 min)
77	ZZZZZ	ZZZZZ	GC21B-1454-26	07/04/2011 07:37:55	6.51	27.35
78	ZZZZZ	ZZZZZ	GC21B-1454-27	07/04/2011 08:10:45	6.51	27.34
79	ZZZZZ	ZZZZZ	GC21B-1454-28	07/04/2011 08:43:34	6.51	27.35
80	ZZZZZ	ZZZZZ	GC21B-1454-29	07/04/2011 09:16:23	6.51	27.35
81	A1242 500 PPB	CS420703A	GC21B-1454-30	07/04/2011 09:49:12	6.51	27.34

11

Column used to flag surrogate retention times outside expected range.

INITIAL CALIBRATION DATA (GC21B)

12

6F-1
PCB INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Laboratory Name: NEA - A Division of PACE
SDG NO: 11070000
ELAP ID No: 11078
Date(s) Analyzed: 03/11/11,03/12/11,03/14/11
Instrument ID: GC21B
GC Column: Phenomenex, Zebron ZB-5, 30 m, 0.25 mm ID, 0.25 µm

COMPOUND	LAB FILE ID	NEA SAMPLE ID	AMOUNT (ppb)	TOTAL[1] RF	MEAN RF	% RSD
Aroclor 1016	GC21B-1358-3	031116A	20.0	94.632		
	GC21B-1358-4	031116B	100	98.739		
	GC21B-1358-5	031116C	250	91.424		
	GC21B-1358-6	031116D	500	85.900		
	GC21B-1358-7	031116E	1000	82.370	90.613	7.3
Aroclor 1221	GC21B-1358-8	031121A	20.0	25.923		
	GC21B-1358-9	031121B	100	24.896		
	GC21B-1358-10	031121C	250	23.671		
	GC21B-1358-11	031121D	500	23.996		
	GC21B-1358-12	031121E	1000	22.895	24.276	4.8
Aroclor 1232	GC21B-1358-13	031132A	20.0	37.199		
	GC21B-1358-14	031132B	100	45.723		
	GC21B-1358-15	031132C	250	42.085		
	GC21B-1358-16	031132D	500	41.496		
	GC21B-1358-17	031132E	1000	42.423	41.785	7.3
Aroclor 1242	GC21B-1358-18	031142A	20.0	79.466		
	GC21B-1358-19	031142B	100	76.688		
	GC21B-1358-20	031142C	250	77.633		
	GC21B-1358-21	031142D	500	75.885		
	GC21B-1358-22	031142E	1000	71.100	76.154	4.1
Aroclor 1248	GC21B-1358-23	031148A	20.0	81.489		
	GC21B-1358-24	031148B	100	81.431		
	GC21B-1358-25	031148C	250	79.335		
	GC21B-1358-26	031148D	500	74.865		
	GC21B-1358-27	031148E	1000	75.745	78.573	4.0
Aroclor 1254	GC21B-1358-29	031154A	20.0	138.240		
	GC21B-1358-28	031154B	100	134.540		
	GC21B-1358-30	031154C	250	130.888		
	GC21B-1358-31	031154D	500	123.817		
	GC21B-1358-32	031154E	1000	121.696	129.836	5.4
Aroclor 1260	GC21B-1358-33	031160A	20.0	163.077		
	GC21B-1358-34	031160B	100	185.477		
	GC21B-1358-35	031160C	250	184.114		
	GC21B-1358-36	031160D	500	178.429		
	GC21B-1358-37	031160E	1000	173.465	176.912	5.1
Aroclor 1262	GC21B-1358-38	031162A	20.0	183.589		
	GC21B-1358-39	031162B	100	186.133		
	GC21B-1358-40	031162C	250	199.774		
	GC21B-1358-41	031162D	500	187.716		
	GC21B-1358-42	031162E	1000	185.774	188.597	3.4

FORM VI-CLP-PCB(NEA-PACE)

Print Date: 7/22/2011
Lims Version : 5.0.5.8

6F-1
PCB INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Laboratory Name: NEA - A Division of PACE
SDG NO: 11070000
ELAP ID No: 11078
Date(s) Analyzed: 03/11/11,03/12/11,03/14/11
Instrument ID: GC21B
GC Column: Phenomenex, Zebron ZB-5, 30 m, 0.25 mm ID, 0.25 µm

COMPOUND	LAB FILE ID	NEA SAMPLE ID	AMOUNT (ppb)	TOTAL[1] RF	MEAN RF	% RSD
Aroclor 1268	GC21B-1358-43	031168A	20.0	348.303		
	GC21B-1358-44	031168B	100	356.499		
	GC21B-1358-45	031168C	250	340.982		
	GC21B-1358-46	031168D	500	326.090		
	GC21B-1358-47	031168E	1000	319.904	338.356	4.5
TCMX	GC21B-1358-29	031154A	2.00	533.555		
	GC21B-1358-28	031154B	5.00	502.196		
	GC21B-1358-30	031154C	8.00	497.695		
	GC21B-1358-31	031154D	10.0	483.808		
	GC21B-1358-32	031154E	20.0	468.488	497.148	4.9
4,4'-Dibromobiphenyl	GC21B-1358-60	0314FSA	20.0	297.154		
	GC21B-1358-61	0314FSB	50.0	284.899		
	GC21B-1358-62	0314FSC	80.0	275.012		
	GC21B-1358-63	0314FSD	100	263.534		
	GC21B-1358-64	0314FSE	200	254.528	275.025	6.1
DCBP	GC21B-1358-29	031154A	20.0	575.342		
	GC21B-1358-28	031154B	50.0	571.216		
	GC21B-1358-30	031154C	80.0	532.309		
	GC21B-1358-31	031154D	100	529.661		
	GC21B-1358-32	031154E	200	519.739	545.654	4.7

% RSD Limit <= 20%
TCMX=TETRACHLOROMETAXYLENE
DCBP=DECACHLOROBIPHENYL

[1] Response factor calculated using total area of 5 peaks used to quantitate each Aroclor. Mean response factor not used in Aroclor quantitation, calibration curve by linear regression used for quantitation. Concentrations are nominal values, please see Calibration Curve Report Point Table for actual values.

12

INITIAL/CONTINUING CALIBRATION DATA (GC21B)

13

7E-1
PCB CALIBRATION VERIFICATION SUMMARY

Laboratory Name: NEA - A Division of PACE SDG NO: 11070000

ELAP ID No: 11078

Instrument ID: GC21B

GC Column: Phenomenex, Zebron ZB-5, 30 m, 0.25 mm ID, 0.25 µm

COMPOUND	LAB FILE ID	NEA SAMPLE ID	CALIB TYPE	CALC AMOUNT (ng/mL)	NOM AMOUNT (ng/mL)	PERCENT DIFFERENCE	Q	DATE / TIME ANALYZED
Aroclor 1016	GC21B-1358-66	CS160314A	ICV	484	500	-3.19		03/14/2011 14:08:31
Aroclor 1221	GC21B-1358-67	CS210314A	ICV	492	500	-1.64		03/14/2011 14:41:22
Aroclor 1232	GC21B-1358-68	CS320314A	ICV	464	500	-7.24		03/14/2011 15:14:13
Aroclor 1242	GC21B-1358-69	CS420314A	ICV	455	500	-8.93		03/14/2011 15:47:04
Aroclor 1248	GC21B-1358-70	CS480314A	ICV	474	500	-5.14		03/14/2011 16:19:55
Aroclor 1254	GC21B-1358-71	CS540314A	ICV	489	500	-2.17		03/14/2011 16:52:46
Aroclor 1260	GC21B-1358-72	CS600314A	ICV	458	500	-8.44		03/14/2011 17:25:37
Aroclor 1262	GC21B-1358-73	CS620314A	ICV	502	500	0.383		03/14/2011 17:58:28
Aroclor 1268	GC21B-1358-74	CS680314A	ICV	473	500	-5.31		03/14/2011 18:31:20
Aroclor 1221	GC21B-1454-10	CS210703A	CCV	556	500	11.1		07/03/2011 22:52:50
Aroclor 1232	GC21B-1454-20	CS320703A	CCV	549	500	9.79		07/04/2011 04:21:00
Aroclor 1242	GC21B-1454-30	CS420703A	CCV	496	500	-0.747		07/04/2011 09:49:12

% Difference must be less than or equal to +/- 15 percent

ICV = Initial Calibration Verification

CCV = Continuing Calibration Verification

13

7E-2
PCB CALIBRATION VERIFICATION SUMMARY

Laboratory Name: NEA - A Division of PACE
SGD NO: 11070000
ELAP ID No: 11078
Instrument ID: GC21B
GC Column: Phenomenex, Zebron ZB-5, 30 m, 0.25 mm ID, 0.25 µm

COMPOUND	Lab File ID	NEA Sample ID	CALIB* TYPE	PEAK	RT	RT WINDOW FROM	TO
Aroclor 1016	GC21B-1358-66	CS160314A	ICV	1	8.13	8.05	8.21
		CS160314A	ICV	2	8.54	8.46	8.62
		CS160314A	ICV	3	9.15	9.07	9.23
		CS160314A	ICV	4	9.38	9.30	9.46
		CS160314A	ICV	5	9.56	9.48	9.64
Aroclor 1221	GC21B-1358-67	CS210314A	ICV	1	5.32	5.24	5.40
		CS210314A	ICV	2	6.47	6.39	6.55
		CS210314A	ICV	3	6.94	6.86	7.02
		CS210314A	ICV	4	7.15	7.07	7.23
		CS210314A	ICV	5	7.27	7.19	7.35
Aroclor 1232	GC21B-1358-68	CS320314A	ICV	1	7.27	7.19	7.35
		CS320314A	ICV	2	8.53	8.45	8.61
		CS320314A	ICV	3	9.14	9.06	9.22
		CS320314A	ICV	4	9.37	9.29	9.45
		CS320314A	ICV	5	9.55	9.47	9.63
Aroclor 1242	GC21B-1358-69	CS420314A	ICV	1	8.13	8.05	8.21
		CS420314A	ICV	2	8.54	8.46	8.62
		CS420314A	ICV	3	9.15	9.07	9.23
		CS420314A	ICV	4	9.38	9.30	9.46
		CS420314A	ICV	5	9.56	9.48	9.64
Aroclor 1248	GC21B-1358-70	CS480314A	ICV	1	10.07	9.99	10.15
		CS480314A	ICV	2	10.81	10.73	10.89
		CS480314A	ICV	3	11.42	11.34	11.50
		CS480314A	ICV	4	11.62	11.54	11.70
		CS480314A	ICV	5	12.09	12.01	12.17
Aroclor 1254	GC21B-1358-71	CS540314A	ICV	1	12.28	12.20	12.36
		CS540314A	ICV	2	13.05	12.97	13.13
		CS540314A	ICV	3	13.34	13.26	13.42
		CS540314A	ICV	4	14.82	14.74	14.90
		CS540314A	ICV	5	15.69	15.61	15.77
Aroclor 1260	GC21B-1358-72	CS600314A	ICV	1	15.68	15.60	15.76
		CS600314A	ICV	2	17.95	17.87	18.03
		CS600314A	ICV	3	19.14	19.06	19.22
		CS600314A	ICV	4	19.78	19.70	19.86
		CS600314A	ICV	5	22.41	22.33	22.49
Aroclor 1262	GC21B-1358-73	CS620314A	ICV	1	15.69	15.61	15.77
		CS620314A	ICV	2	17.96	17.88	18.04
		CS620314A	ICV	3	19.14	19.06	19.22

FORM VII-CLP-PCB(NEA-PACE

Print Date: 7/22/2011
Lims Version : 5.0.5.8

7E-2
PCB CALIBRATION VERIFICATION SUMMARY

Laboratory Name: NEA - A Division of PACE

SGD NO: 11070000

ELAP ID No: 11078

Instrument ID: GC21B

GC Column: Phenomenex, Zebron ZB-5, 30 m, 0.25 mm ID, 0.25 µm

COMPOUND	Lab File ID	NEA Sample ID	CALIB TYPE*	PEAK	RT	RT WINDOW FROM	RT WINDOW TO
Aroclor 1262		CS620314A	ICV	4	19.78	19.70	19.86
		CS620314A	ICV	5	22.41	22.33	22.49
Aroclor 1268	GC21B-1358-74	CS680314A	ICV	1	19.77	19.69	19.85
		CS680314A	ICV	2	22.41	22.33	22.49
		CS680314A	ICV	3	19.53	19.45	19.61
		CS680314A	ICV	4	21.20	21.12	21.28
		CS680314A	ICV	5	21.64	21.56	21.72

* ICV = Initial Calibration Verification
CCV = Continuing Calibration Verification

13

7E-2
PCB CALIBRATION VERIFICATION SUMMARY

Laboratory Name: NEA - A Division of PACE

SGD NO: 11070000

ELAP ID No: 11078

Instrument ID: GC21B

GC Column: Phenomenex, Zebron ZB-5, 30 m, 0.25 mm ID, 0.25 µm

COMPOUND	Lab File ID	NEA Sample ID	CALIB TYPE*	PEAK	RT	RT WINDOW FROM	RT WINDOW TO
Aroclor 1221	GC21B-1454-10	CS210703A	CCV	1	5.32	5.24	5.40
		CS210703A	CCV	2	6.47	6.39	6.55
		CS210703A	CCV	3	6.94	6.86	7.02
		CS210703A	CCV	4	7.15	7.07	7.23
		CS210703A	CCV	5	7.27	7.19	7.35
Aroclor 1232	GC21B-1454-20	CS320703A	CCV	1	7.27	7.19	7.35
		CS320703A	CCV	2	8.53	8.45	8.61
		CS320703A	CCV	3	9.14	9.06	9.22
		CS320703A	CCV	4	9.37	9.29	9.45
		CS320703A	CCV	5	9.55	9.47	9.63
Aroclor 1242	GC21B-1454-30	CS420703A	CCV	1	8.12	8.05	8.21
		CS420703A	CCV	2	8.53	8.46	8.62
		CS420703A	CCV	3	9.14	9.07	9.23
		CS420703A	CCV	4	9.37	9.30	9.46
		CS420703A	CCV	5	9.55	9.48	9.64

* ICV = Initial Calibration Verification
CCV = Continuing Calibration Verification

13

QC SAMPLE RAW DATA

14

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name:	NEA - A Division of PACE	SDG No:	11070000
ELAP ID No:	11078	LRF ID:	PBLK-31
Matrix:	Wipe	Client ID:	METHOD BLANK
Sample wt(Dry)/vol:	N/A	Lab Sample ID:	AO10736B
Percent Moisture:	N/A	Lab File ID:	GC21F-1519-15
Extraction:	Soxhlet Method (3540C)	Date Received:	
Conc. Extract Volume:	5000 uL	Date Extracted:	07/01/2011
Injection Volume:	1.0 uL	Date Analyzed:	07/04/2011
Method:	SW-846 8082 (PCB)	Dilution Factor:	1
GC Column:	Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm	Sulfur Cleanup:	YES

CAS NO	COMPOUND NAME	CONCENTRATION UG/WIPE	Q
12674-11-2	Aroclor 1016	0.100	U
11104-28-2	Aroclor 1221	0.100	U
11141-16-5	Aroclor 1232	0.100	U
53469-21-9	Aroclor 1242	0.100	U
12672-29-6	Aroclor 1248	0.100	U
11097-69-1	Aroclor 1254	0.100	U
11096-82-5	Aroclor 1260	0.100	U
37324-23-5	Aroclor 1262	0.100	U
11100-14-4	Aroclor 1268	0.100	U

Laboratory Qualifiers:
U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.

14

FORM I-CLP-PCB (NEA)

Print Date: 7/22/2011
Lims Version : 5.0.5.8

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name:	NEA - A Division of PACE	SDG No:	11070000
ELAP ID No:	11078	LRF ID:	PBLK-31
Matrix:	Wipe	Client ID:	METHOD BLANK
Sample wt(Dry)/vol:	N/A	Lab Sample ID:	AO10736B
Percent Moisture:	N/A	Lab File ID:	GC21B-1454-15
Extraction:	Soxhlet Method (3540C)	Date Received:	
Conc. Extract Volume:	5000 uL	Date Extracted:	07/01/2011
Injection Volume:	1.0 uL	Date Analyzed:	07/04/2011
Method:	SW-846 8082 (PCB)	Dilution Factor:	1
GC Column:	Phenomenex, Zebron ZB-5, 30 m, 0.25 mm ID, 0.25 µm	Sulfur Cleanup:	YES

CAS NO	COMPOUND NAME	CONCENTRATION UG/WIPE	Q
12674-11-2	Aroclor 1016	0.100	U
11104-28-2	Aroclor 1221	0.100	U
11141-16-5	Aroclor 1232	0.100	U
53469-21-9	Aroclor 1242	0.100	U
12672-29-6	Aroclor 1248	0.100	U
11097-69-1	Aroclor 1254	0.100	U
11096-82-5	Aroclor 1260	0.100	U
37324-23-5	Aroclor 1262	0.100	U
11100-14-4	Aroclor 1268	0.100	U

Laboratory Qualifiers:
U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.

14

FORM I-CLP-PCB (NEA)

Print Date: 7/22/2011
Lims Version : 5.0.5.8

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name:	NEA - A Division of PACE	SDG No:	11070000
ELAP ID No:	11078	LRF ID:	LCS-31
Matrix:	Wipe	Client ID:	LAB CONTROL SPIKE
Sample wt(Dry)/vol:	N/A	Lab Sample ID:	AO10736L
Percent Moisture:	N/A	Lab File ID:	GC21F-1519-16
Extraction:	Soxhlet Method (3540C)	Date Received:	
Conc. Extract Volume:	5000 uL	Date Extracted:	07/01/2011
Injection Volume:	1.0 uL	Date Analyzed:	07/04/2011
Method:	SW-846 8082 (PCB)	Dilution Factor:	1
GC Column:	Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm	Sulfur Cleanup:	YES

CAS NO	COMPOUND NAME	CONCENTRATION UG/WIPE	Q
12674-11-2	Aroclor 1016	0.100	U
11104-28-2	Aroclor 1221	0.100	U
11141-16-5	Aroclor 1232	0.100	U
53469-21-9	Aroclor 1242	0.100	U
12672-29-6	Aroclor 1248	0.100	U
11097-69-1	Aroclor 1254	1.31	
11096-82-5	Aroclor 1260	0.100	U
37324-23-5	Aroclor 1262	0.100	U
11100-14-4	Aroclor 1268	0.100	U

Laboratory Qualifiers:
U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.

14

FORM I-CLP-PCB (NEA)

Print Date: 7/22/2011
Lims Version : 5.0.5.8

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name:	NEA - A Division of PACE	SDG No:	11070000
ELAP ID No:	11078	LRF ID:	LCS-31
Matrix:	Wipe	Client ID:	LAB CONTROL SPIKE
Sample wt(Dry)/vol:	N/A	Lab Sample ID:	AO10736L
Percent Moisture:	N/A	Lab File ID:	GC21B-1454-16
Extraction:	Soxhlet Method (3540C)	Date Received:	
Conc. Extract Volume:	5000 uL	Date Extracted:	07/01/2011
Injection Volume:	1.0 uL	Date Analyzed:	07/04/2011
Method:	SW-846 8082 (PCB)	Dilution Factor:	1
GC Column:	Phenomenex, Zebron ZB-5, 30 m, 0.25 mm ID, 0.25 µm	Sulfur Cleanup:	YES

CAS NO	COMPOUND NAME	CONCENTRATION UG/WIPE	Q
12674-11-2	Aroclor 1016	0.100	U
11104-28-2	Aroclor 1221	0.100	U
11141-16-5	Aroclor 1232	0.100	U
53469-21-9	Aroclor 1242	0.100	U
12672-29-6	Aroclor 1248	0.100	U
11097-69-1	Aroclor 1254	1.31	
11096-82-5	Aroclor 1260	0.100	U
37324-23-5	Aroclor 1262	0.100	U
11100-14-4	Aroclor 1268	0.100	U

Laboratory Qualifiers:
U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.

14

FORM I-CLP-PCB (NEA)

Print Date: 7/22/2011
Lims Version : 5.0.5.8

10-B
PCB Identification Summary

Laboratory Name:	NEA - A Division of PACE	SDG No:	11070000
ELAP ID No:	11078	Client ID:	LCS-31(LAB CONTROL SPIKE)
LRF Sample ID:	LCS-31	Lab Sample ID:	AO10736L
Instrument 1 ID:	GC21F	Instrument 2 ID:	GC21B
Date Analyzed:	07/04/2011 2:09:40 AM	Date Analyzed:	07/04/2011 2:09:44 AM
GC Column 1:	Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm	GC Column 2:	Phenomenex, Zebron ZB-5, 30 m, 0.25 mm ID, 0.25 µm
Lab File ID 1:	GC21F-1519-16	Lab File ID 2:	GC21B-1454-16
Matrix:	Wipe		

Analyte	Column	Peak	RT (min)	RT Window From	RT Window To	Concentration (ug/Wipe)	RPD (%)	*
Aroclor 1016	1	1	NA	7.46	7.62			
		2	NA	7.84	8.00			
		3	NA	8.46	8.62			
		4	NA	8.67	8.83			
		5	NA	8.80	8.96			
	2	1	NA	8.05	8.21			
		2	NA	8.46	8.62			
		3	NA	9.07	9.23			
		4	NA	9.30	9.46			
		5	NA	9.48	9.64			
Aroclor 1221	1	1	NA	4.45	4.61			
		2	NA	5.69	5.85			
		3	NA	6.25	6.41			
		4	NA	6.44	6.60			
		5	NA	6.56	6.72			
	2	1	NA	5.24	5.40			
		2	NA	6.39	6.55			
		3	NA	6.86	7.02			
		4	NA	7.07	7.23			
		5	NA	7.19	7.35			
Aroclor 1232	1	1	NA	6.56	6.72			
		2	NA	7.83	7.99			
		3	NA	8.45	8.61			
		4	NA	8.66	8.82			
		5	NA	8.80	8.96			
	2	1	NA	7.19	7.35			
		2	NA	8.45	8.61			
		3	NA	9.06	9.22			
		4	NA	9.29	9.45			
		5	NA	9.47	9.63			
Aroclor 1242	1	1	NA	7.46	7.62			
		2	NA	7.84	8.00			
		3	NA	8.46	8.62			
		4	NA	8.67	8.83			
		5	NA	8.80	8.96			
	2	1	NA	8.05	8.21			
		2	NA	8.46	8.62			
		3	NA	9.07	9.23			
		4	NA	9.30	9.46			
		5	NA	9.48	9.64			

Relative Percent Difference Limit = 40.0%

FORM 10-CLP-PCB(NEA-PACE)

Print Date: 7/22/2011
Lims Version : 5.0.5.8

10-B
PCB Identification Summary

Laboratory Name:	NEA - A Division of PACE	SDG No:	11070000
ELAP ID No:	11078	Client ID:	LCS-31(LAB CONTROL SPIKE)
LRF Sample ID:	LCS-31	Lab Sample ID:	AO10736L
Instrument 1 ID:	GC21F	Instrument 2 ID:	GC21B
Date Analyzed:	07/04/2011 2:09:40 AM	Date Analyzed:	07/04/2011 2:09:44 AM
GC Column 1:	Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm	GC Column 2:	Phenomenex, Zebron ZB-5, 30 m, 0.25 mm ID, 0.25 µm
Lab File ID 1:	GC21F-1519-16	Lab File ID 2:	GC21B-1454-16
Matrix:	Wipe		

Analyte	Column	Peak	RT (min)	RT Window		Concentration (ug/Wipe)	RPD (%)	*
				From	To			
Aroclor 1248	1	1	NA	9.37	9.53			
		2	NA	10.02	10.18			
		3	NA	10.65	10.81			
		4	NA	10.81	10.97			
		5	NA	11.21	11.37			
	2	1	NA	9.99	10.15			
		2	NA	10.73	10.89			
		3	NA	11.34	11.50			
		4	NA	11.54	11.70			
		5	NA	12.01	12.17			
Aroclor 1254	1	1	11.60	11.52	11.68			
		2	12.25	12.17	12.33			
		3	12.53	12.45	12.61			
		4	14.00	13.91	14.07			
		5	14.81	14.73	14.89	1.31		
	2	1	12.27	12.20	12.36			
		2	13.05	12.97	13.13			
		3	13.34	13.26	13.42			
		4	14.82	14.74	14.90			
		5	15.69	15.61	15.77	1.31	0.00	
Aroclor 1260	1	1	14.81	14.73	14.89			
		2	NA	16.94	17.10			
		3	NA	17.80	17.96			
		4	NA	18.54	18.70			
		5	NA	20.66	20.82			
	2	1	15.69	15.60	15.76			
		2	NA	17.87	18.03			
		3	NA	19.06	19.22			
		4	NA	19.70	19.86			
		5	NA	22.33	22.49			
Aroclor 1262	1	1	14.81	14.73	14.89			
		2	NA	16.94	17.10			
		3	NA	17.80	17.96			
		4	NA	18.55	18.71			
		5	NA	20.67	20.83			
	2	1	15.69	15.61	15.77			
		2	NA	17.88	18.04			
		3	NA	19.06	19.22			
		4	NA	19.70	19.86			
		5	NA	22.33	22.49			

Relative Percent Difference Limit = 40.0%

FORM 10-CLP-PCB(NEA-PACE)

Print Date: 7/22/2011
Lims Version : 5.0.5.8

10-B
PCB Identification Summary

Laboratory Name:	NEA - A Division of PACE	SDG No:	11070000
ELAP ID No:	11078	Client ID:	LCS-31(LAB CONTROL SPIKE)
LRF Sample ID:	LCS-31	Lab Sample ID:	AO10736L
Instrument 1 ID:	GC21F	Instrument 2 ID:	GC21B
Date Analyzed:	07/04/2011 2:09:40 AM	Date Analyzed:	07/04/2011 2:09:44 AM
GC Column 1:	Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm	GC Column 2:	Phenomenex, Zebron ZB-5, 30 m, 0.25 mm ID, 0.25 µm
Lab File ID 1:	GC21F-1519-16	Lab File ID 2:	GC21B-1454-16
Matrix:	Wipe		

Analyte	Column	Peak	RT (min)	RT Window		Concentration (ug/Wipe)	RPD (%)	*
				From	To			
Aroclor 1268	1	1	NA	18.55	18.71			
		2	NA	20.66	20.82			
		3	NA	18.33	18.49			
		4	NA	19.80	19.96			
		5	NA	20.15	20.31			
	2	1	NA	19.69	19.85			
		2	NA	22.33	22.49			
		3	NA	19.45	19.61			
		4	NA	21.12	21.28			
		5	NA	21.56	21.72			

14

Relative Percent Difference Limit = 40.0%

FORM 10-CLP-PCB(NEA-PACE)

Print Date: 7/22/2011
Lims Version : 5.0.5.8

CERTIFICATES OF ANALYSIS (PCB)

15

Analytical Sample Results

NEA Job Number: 11070000

NEA Laboratory, Division of Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: TRC ENVIRONMENTAL
Project: 115058 NBHS PCB SAMPLING
Client Sample ID: PLY-WIPE-102
Lab Sample ID: 11070000-02 (AO10736)

Collection Date: 06/30/2011 14:02
Sample Matrix: WIPE
Received Date: 07/01/2011 09:14
Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC21F-1519-17	SW-846 8082 (PCB)	07/04/2011 02:42	JES	NA	NA	Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm
Prep 1:	14399	EPA 3540C	07/01/2011 14:45	JWO	2 Wipe(s)	5.00 mL	NA

Analyte	CAS No.	Result (ug/Wipe)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.100	1.00	U	GC21F-1519-17
Aroclor 1221	11104-28-2	ND	0.100	1.00	U	GC21F-1519-17
Aroclor 1232	11141-16-5	ND	0.100	1.00	U	GC21F-1519-17
Aroclor 1242	53469-21-9	ND	0.100	1.00	U	GC21F-1519-17
Aroclor 1248	12672-29-6	ND	0.100	1.00	U	GC21F-1519-17
Aroclor 1254	11097-69-1	ND	0.100	1.00	U	GC21F-1519-17
Aroclor 1260	11096-82-5	ND	0.100	1.00	U	GC21F-1519-17
Aroclor 1262	37324-23-5	ND	0.100	1.00	U	GC21F-1519-17
Aroclor 1268	11100-14-4	ND	0.100	1.00	U	GC21F-1519-17
Total PCB's	1336-36-3	ND		1.00	U	GC21F-1519-17

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Tetrachloro-meta-xylene	877-09-8	98.8	60.0-140		GC21F-1519-17
Decachlorobiphenyl	2051-24-3	111	60.0-140		GC21F-1519-17
Tetrachloro-meta-xylene	877-09-8	99.6	60.0-140		GC21B-1454-17
Decachlorobiphenyl	2051-24-3	111	60.0-140		GC21B-1454-17

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

15

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Analytical Sample Results

NEA Job Number: 11070000

NEA Laboratory, Division of Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: TRC ENVIRONMENTAL
Project: 115058 NBHS PCB SAMPLING
Client Sample ID: PLY-WIPE-106
Lab Sample ID: 11070000-06 (AO10740)

Collection Date: 06/30/2011 14:06
Sample Matrix: WIPE
Received Date: 07/01/2011 09:14
Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC21F-1519-18	SW-846 8082 (PCB)	07/04/2011 03:15	JES	NA	NA	Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm
Prep 1:	14399	EPA 3540C	07/01/2011 14:45	JWO	2 Wipe(s)	5.00 mL	NA

Analyte	CAS No.	Result (ug/Wipe)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.100	1.00	U	GC21F-1519-18
Aroclor 1221	11104-28-2	ND	0.100	1.00	U	GC21F-1519-18
Aroclor 1232	11141-16-5	ND	0.100	1.00	U	GC21F-1519-18
Aroclor 1242	53469-21-9	ND	0.100	1.00	U	GC21F-1519-18
Aroclor 1248	12672-29-6	ND	0.100	1.00	U	GC21F-1519-18
Aroclor 1254	11097-69-1	ND	0.100	1.00	U	GC21F-1519-18
Aroclor 1260	11096-82-5	ND	0.100	1.00	U	GC21F-1519-18
Aroclor 1262	37324-23-5	ND	0.100	1.00	U	GC21F-1519-18
Aroclor 1268	11100-14-4	ND	0.100	1.00	U	GC21F-1519-18
Total PCB's	1336-36-3	ND		1.00	U	GC21F-1519-18

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Tetrachloro-meta-xylene	877-09-8	101	60.0-140		GC21F-1519-18
Decachlorobiphenyl	2051-24-3	110	60.0-140		GC21F-1519-18
Tetrachloro-meta-xylene	877-09-8	98.0	60.0-140		GC21B-1454-18
Decachlorobiphenyl	2051-24-3	110	60.0-140		GC21B-1454-18

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

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Analytical Sample Results

NEA Job Number: 11070000

NEA Laboratory, Division of Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: TRC ENVIRONMENTAL
Project: 115058 NBHS PCB SAMPLING
Client Sample ID: PLY-WIPE-108
Lab Sample ID: 11070000-08 (AO10742)

Collection Date: 06/30/2011 14:08
Sample Matrix: WIPE
Received Date: 07/01/2011 09:14
Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC21F-1519-19	SW-846 8082 (PCB)	07/04/2011 03:48	JES	NA	NA	Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm
Prep 1:	14399	EPA 3540C	07/01/2011 14:45	JWO	2 Wipe(s)	5.00 mL	NA

Analyte	CAS No.	Result (ug/Wipe)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.100	1.00	U	GC21F-1519-19
Aroclor 1221	11104-28-2	ND	0.100	1.00	U	GC21F-1519-19
Aroclor 1232	11141-16-5	ND	0.100	1.00	U	GC21F-1519-19
Aroclor 1242	53469-21-9	ND	0.100	1.00	U	GC21F-1519-19
Aroclor 1248	12672-29-6	ND	0.100	1.00	U	GC21F-1519-19
Aroclor 1254	11097-69-1	ND	0.100	1.00	U	GC21F-1519-19
Aroclor 1260	11096-82-5	ND	0.100	1.00	U	GC21F-1519-19
Aroclor 1262	37324-23-5	ND	0.100	1.00	U	GC21F-1519-19
Aroclor 1268	11100-14-4	ND	0.100	1.00	U	GC21F-1519-19
Total PCB's	1336-36-3	ND		1.00	U	GC21F-1519-19

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Tetrachloro-meta-xylene	877-09-8	96.1	60.0-140		GC21F-1519-19
Decachlorobiphenyl	2051-24-3	99.3	60.0-140		GC21F-1519-19
Tetrachloro-meta-xylene	877-09-8	99.0	60.0-140		GC21B-1454-19
Decachlorobiphenyl	2051-24-3	96.3	60.0-140		GC21B-1454-19

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

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Analytical Sample Results

NEA Job Number: 11070000

NEA Laboratory, Division of Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: TRC ENVIRONMENTAL
Project: 115058 NBHS PCB SAMPLING
Client Sample ID: PLY-WIPE-110
Lab Sample ID: 11070000-10 (AO10744)

Collection Date: 06/30/2011 14:10
Sample Matrix: WIPE
Received Date: 07/01/2011 09:14
Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC21F-1519-21	SW-846 8082 (PCB)	07/04/2011 04:53	JES	NA	NA	Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm
Prep 1:	14399	EPA 3540C	07/01/2011 14:45	JWO	2 Wipe(s)	5.00 mL	NA

Analyte	CAS No.	Result (ug/Wipe)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.100	1.00	U	GC21F-1519-21
Aroclor 1221	11104-28-2	ND	0.100	1.00	U	GC21F-1519-21
Aroclor 1232	11141-16-5	ND	0.100	1.00	U	GC21F-1519-21
Aroclor 1242	53469-21-9	ND	0.100	1.00	U	GC21F-1519-21
Aroclor 1248	12672-29-6	ND	0.100	1.00	U	GC21F-1519-21
Aroclor 1254	11097-69-1	ND	0.100	1.00	U	GC21F-1519-21
Aroclor 1260	11096-82-5	ND	0.100	1.00	U	GC21F-1519-21
Aroclor 1262	37324-23-5	ND	0.100	1.00	U	GC21F-1519-21
Aroclor 1268	11100-14-4	ND	0.100	1.00	U	GC21F-1519-21
Total PCB's	1336-36-3	ND		1.00	U	GC21F-1519-21

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Tetrachloro-meta-xylene	877-09-8	105	60.0-140		GC21F-1519-21
Decachlorobiphenyl	2051-24-3	108	60.0-140		GC21F-1519-21
Tetrachloro-meta-xylene	877-09-8	108	60.0-140		GC21B-1454-21
Decachlorobiphenyl	2051-24-3	105	60.0-140		GC21B-1454-21

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

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Date: July 20, 2011-K

NEA PACE Analytical e-Report

Report prepared for:
TRC ENVIRONMENTAL
WANNALANCIT MILLS
650 SUFFOLK ST
LOWELL, MA 01854
CONTACT: DAVID SULLIVAN

Project ID: 115058 NBHS PCB SAMPLING
Sampling Date(s): June 30, 2011
NEA Report ID: 11070001_Rev01
Client Service Contact: William Kotas (518) 346-4592 ext. 17

Analysis Included:
PCB Analysis

Test results meet all National Environmental Laboratory Accreditation Conference (NELAC) requirements unless noted in the case narrative. The results contained within this document relate only to the samples included in this report.This report shall not be reproduced, except in full, without the written consent of NEA - A Division of Pace Analytical Services, Inc.

Robert E. Wagner
Laboratory Director

Certifications: NYS (EPA: NY00906, ELAP: 11078), NJ (NY026), CT (PH-0337), MA(M-NY906), NC (668)

NEA - A Division of Pace Analytical Services| 2190 Technology Drive | Schenectady, NY 12308
Phone: 518.346.4592 | internet: www.nealab.com | Email: information@nealab.com

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Table of Contents

Section 1: CASE NARRATIVE 4

Section 2: SAMPLE CHAIN OF CUSTODY 6

Section 3: INTERNAL SAMPLE TRACKING RECORD 8

Section 4: SURROGATE % RECOVERY SUMMARY 11

Section 5: LABORATORY CONTROL SPIKE SUMMARY 13

Section 6: METHOD BLANK SUMMARY 16

Section 7: SAMPLE ANALYSIS DATA 19

Section 8: ANALYTICAL SEQUENCE (GC21F) 24

Section 9: INITIAL CALIBRATION DATA (GC21F) 28

Section 10: INITIAL/CONTINUING CALIBRATION DATA (GC21F) 31

Section 11: ANALYTICAL SEQUENCE (GC21B) 36

Section 12: INITIAL CALIBRATION DATA (GC21B) 40

Section 13: INITIAL/CONTINUING CALIBRATION DATA (GC21B) 43

Section 14: QC SAMPLE RAW DATA 48

Section 15: CERTIFICATES OF ANALYSIS (PCB) 56

CASE NARRATIVE

September 20, 2011

REVISED CASE NARRATIVE

This data package (SDG ID: 11070001) consists of 4 wipe samples received on 07/01/2011. The samples are from Project Name: 115058 NBHS PCB SAMPLING.

Revised Data Summary Package

The following correction has been made to the original data package submitted for this sample delivery group:

(1.) The Extraction Log and Screen Sheet have been replaced. The sample amount and wet weight has been changed.

This sample delivery group consists of the following samples:

Lab Sample ID	Client ID	Collection Date
AO10747*	PLY-WIPE-113	06/30/2011 14:13
AO10748	PLY-WIPE-114	06/30/2011 14:14
AO10749*	PLY-WIPE-115	06/30/2011 14:15
AO10750*	PLY-WIPE-116	06/30/2011 14:16
AO10751	PLY-WIPE-117	06/30/2011 14:17
AO10752*	PLY-WIPE-118	06/30/2011 14:18
AO10753*	PLY-WIPE-119	06/30/2011 14:19
AO10754*	PLY-WIPE-120	06/30/2011 14:20
AO10755	PLY-WIPE-121	06/30/2011 14:21
AO10756	PLY-WIPE-122	06/30/2011 14:22
AO10757*	PLY-WIPE-123	06/30/2011 14:23
AO10758*	PLY-WIPE-124	06/30/2011 14:24

*Indicates samples placed on HOLD per client request

Sample Delivery and Receipt Conditions

(1.) All samples were delivered to the laboratory via FEDEX delivery service on 07/01/2011.

(2.) All samples were received at the laboratory intact and within holding times.

(3.) The following cooler temperature was recorded at sample receipt (Control limits are between 0-6 Degrees Celsius): 1.7 degrees Celsius. Please see Chain of Custody for details.

PCB Aroclor Analysis

Analysis for PCB Aroclors was performed by EPA Method 8082 dual column GC analysis. Samples were extracted by Soxhlet Extraction Method (EPA - Method 3540C). The following technical and administrative items were noted for the analysis:

(1.) All quality assurance parameters were met for the analysis.

Qualifier Summary

(1.) B-Denotes analyte observed in associated method blank or extraction blank at a concentration exceeding the MDL.
(2.) J-Denotes concentration result greater than the MDL but less than the RL.
(3.) U-Denotes analyte not observed at a concentration greater than the MDL.

Respectfully submitted,

William A. Kotas
Client Services Manager

S:\Lims Data\1107\11070001\Package\CN_11070001_Rev01.doc

SAMPLE CHAIN OF CUSTODY

Pace Analytical®
www.pacelabs.com

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

<11070001P1>

110700011

Page: of

1466635

Section A Required Client Information:

Company: TRC
Address: 650 SUFFOLK ST.
LOWELL MA 01854
Email To: DSULLIVAN@TRCSOLUTIONS.COM
Phone: 978-656-3515 Fax:
Requested Due Date/TAT: 24HR

Section B Required Project Information:

Report To: DAVE SULLIVAN
Copy To: JOHN MULHALL
MALCOLM BEELER, AECOM
Purchase Order No.:
Project Name: NBHS
Project Number: 115058 1820/3

Section C Invoice Information:

Attention:
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager:
Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☒ OTHER EPA

Site Location STATE: MA

Section D Required Client Information

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

PLY

Matrix Codes (MATRIX / CODE): Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

Requested Analysis Filtered (Y/N): Y

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED Composite Start DATE	COLLECTED Composite Start TIME	COLLECTED Composite End/Grab DATE	COLLECTED Composite End/Grab TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other HEXANE	Analysis Test: PCB	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	~~FBG~~-WIPE-113	WT	G			6/30	1413		1								X	X		A010747
2	-114						1414		1								X	X		A010748
3	-115						1415		1								X	X		A010749
4	-116						1416		1								X	X		A010750
5	-117						1417		1								X	X		A010751
6	-118						1418		1								X	X		A010752
7	-119						1419		1								X	X		A010753
8	-120						1420		1								X	X		A010754
9	-121						1421		1								X	X		A010755
10	-122						1422		1								X	X		A010756
11	-123						1423		1								X	X		A010757
12	-124						1424		1								X	X		A010758

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	[signature]	6/30/11	1900	FedEx			1.7	Y	Y	Y
	FedEx			K. Coughlin PACE	7/1/11	09:14				

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: JOHN MULHALL

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 06/30/11

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

INTERNAL SAMPLE TRACKING RECORD

PCB EXTRACTION LOG

Prep Date: 07/01/11 **Batch ID: 14399**

Initial for required Clean Up Steps

	Prep ID	LAB Sample ID	Alt Sample ID	Matrix	pH	Analysis Required	Extract Type / Unit	Percent Total Solids	Sample Amount (g or mL)	Extract Time On - 1	Extract Time Off - 1	Extract Time On - 2	Extract Time Off - 2	Date Acid Cleaned (MM/DD)	Date TBA Cleaned (MM/DD)	Date Florisil Shake (MM/DD)	Date Hg Shake (MM/DD)	Final Ext. Vol (mL)	Date Conc (MM/DD)	Comments
														TJH		TJH	TJH			
1	138335	PBLK-31	AO10736B	Wipe		E PCB S	SOX	N/A	1.000	15:15	07:15	NA	NA	07/02	NA	07/02	07/02	5	07/02	Lot:I00208
2	138334	LCS-31	AO10736L	Wipe		E PCB S	SOX	N/A	1.000	15:15	07:15	NA	NA	07/02	NA	07/02	07/02	5	07/02	Lot:I00208
3	138323	11070000-02	AO10736	Wipe		E PCB S	SOX	100	1.000	15:15	07:15	NA	NA	07/02	NA	07/02	07/02	5	07/02	Lot: I00208(11070029)
4	138324	11070000-06	AO10740	Wipe		E PCB S	SOX	100	1.000	15:15	07:15	NA	NA	07/02	NA	07/02	07/02	5	07/02	Lot: I00208(11070029)
5	138325	11070000-08	AO10742	Wipe		E PCB S	SOX	100	1.000	15:15	07:15	NA	NA	07/02	NA	07/02	07/02	5	07/02	Lot: I00208(11070029)
6	138326	11070000-10	AO10744	Wipe		E PCB S	SOX	100	1.000	15:15	07:15	NA	NA	07/02	NA	07/02	07/02	5	07/02	Lot: I00208(11070029)
7	138327	11070001-02	AO10748	Wipe		E PCB S	SOX	100	1.000	15:15	07:15	NA	NA	07/02	NA	07/02	07/02	5	07/02	Lot: I00208(11070029)
8	138328	11070001-05	AO10751	Wipe		E PCB S	SOX	100	1.000	15:15	07:15	NA	NA	07/02	NA	07/02	07/02	5	07/02	Lot: I00208(11070029)
9	138329	11070001-09	AO10755	Wipe		E PCB S	SOX	100	1.000	15:15	07:15	NA	NA	07/02	NA	07/02	07/02	5	07/02	Lot: I00208(11070029)
10	138330	11070001-10	AO10756	Wipe		E PCB S	SOX	100	1.000	15:15	07:15	NA	NA	07/02	NA	07/02	07/02	5	07/02	Lot: I00208(11070029)
11	138331	11070002-05	AO10763	Wipe		E PCB S	SOX	100	1.000	15:15	07:15	NA	NA	07/02	NA	07/02	07/02	5	07/02	Lot: I00208(11070029)
12	138332	11070002-07	AO10765	Wipe		E PCB S	SOX	100	1.000	15:15	07:15	NA	NA	07/02	NA	07/02	07/02	5	07/02	Lot: I00208(11070029)
13	138333	11070002-10	AO10768	Wipe		E PCB S	SOX	100	1.000	15:15	07:15	NA	NA	07/02	NA	07/02	07/02	5	07/02	Lot: I00208(11070029)

Solvent, Surrogate, Spike, and Acid Information

Item	Lot Number	Amount (uL)	Conc (ug/mL)	B	L	LD	S	D	M	K
Sulfuric Acid (Main Lab)	E49039	NA	NA	p	p	¨	p	¨	¨	¨
Mercury	062210	NA		p	p	¨	p	¨	¨	¨
Aroclor 1254 @ 12.5PPM SPIKE	021411B030P019B	200	12.5	¨	p	¨	¨	¨	¨	¨
Thimbles (Cellulose)	N08433x80MM	NA		p	p	¨	p	¨	¨	¨
0.50ppm TCMX/ 5.0ppm DCBP in Hexan	061911B030P148A1-10	100	0.5/5.0	p	p	¨	p	¨	¨	¨
Hexane (Dewar)	DE148	NA		p	p	¨	p	¨	¨	¨
10% Florisil MAIN LAB	062511MLB2P63A	NA		p	p	¨	p	¨	¨	¨

Analyst Review: Jillian L Grygas
Jill Grygas

Peer Review: Craig Petrask
Craig Petrask

Print Date: 9/20/2011
Lims Version : 5.0.6.1
_EXT - LOGBOOK_GC-SV; Rev 02; 1.18.2010; EXTRACTION

PCB SCREEN SHEET

LRF: 11070001 **Batch ID:14399**

NEA Sample ID	File ID	Matrix	Prep Date	Wet Weight (g or mL)	Percent Solids	Dry Weight (g or mL)	Set Volume (mL)	Screen Dilution	Screen Result	Bench Dilution	Dilution Sequence	Final Multiplier	Dilution Analyst
AO10736B	GC21B-1454-15	Wipe	**07/01/11**	1.000	N/A	NA	5	NA	NA	1	NA	5x	Tom Herold
	GC21F-1519-15	Wipe	**07/01/11**	1.000	N/A	NA	5	NA	NA	1	NA	5x	Tom Herold
AO10736L	GC21B-1454-16	Wipe	**07/01/11**	1.000	N/A	NA	5	NA	NA	1	NA	5x	Tom Herold
	GC21F-1519-16	Wipe	**07/01/11**	1.000	N/A	NA	5	NA	NA	1	NA	5x	Tom Herold
AO10736	GC21B-1454-17	Wipe	**07/01/11**	1.000	100	NA	5	NA	NA	1	NA	5x	Tom Herold
	GC21F-1519-17	Wipe	**07/01/11**	1.000	100	NA	5	NA	NA	1	NA	5x	Tom Herold
AO10740	GC21B-1454-18	Wipe	**07/01/11**	1.000	100	NA	5	NA	NA	1	NA	5x	Tom Herold
	GC21F-1519-18	Wipe	**07/01/11**	1.000	100	NA	5	NA	NA	1	NA	5x	Tom Herold
AO10742	GC21B-1454-19	Wipe	**07/01/11**	1.000	100	NA	5	NA	NA	1	NA	5x	Tom Herold
	GC21F-1519-19	Wipe	**07/01/11**	1.000	100	NA	5	NA	NA	1	NA	5x	Tom Herold
AO10744	GC21B-1454-21	Wipe	**07/01/11**	1.000	100	NA	5	NA	NA	1	NA	5x	Tom Herold
	GC21F-1519-21	Wipe	**07/01/11**	1.000	100	NA	5	NA	NA	1	NA	5x	Tom Herold
AO10748	GC21B-1454-22	Wipe	**07/01/11**	1.000	100	NA	5	NA	NA	1	NA	5x	Tom Herold
	GC21F-1519-22	Wipe	**07/01/11**	1.000	100	NA	5	NA	NA	1	NA	5x	Tom Herold
AO10751	GC21B-1454-23	Wipe	**07/01/11**	1.000	100	NA	5	NA	NA	1	NA	5x	Tom Herold
	GC21F-1519-23	Wipe	**07/01/11**	1.000	100	NA	5	NA	NA	1	NA	5x	Tom Herold
AO10755	GC21B-1454-24	Wipe	**07/01/11**	1.000	100	NA	5	NA	NA	1	NA	5x	Tom Herold
	GC21F-1519-24	Wipe	**07/01/11**	1.000	100	NA	5	NA	NA	1	NA	5x	Tom Herold
AO10756	GC21B-1454-25	Wipe	**07/01/11**	1.000	100	NA	5	NA	NA	1	NA	5x	Tom Herold
	GC21F-1519-25	Wipe	**07/01/11**	1.000	100	NA	5	NA	NA	1	NA	5x	Tom Herold
AO10763	GC21B-1454-26	Wipe	**07/01/11**	1.000	100	NA	5	NA	NA	1	NA	5x	Tom Herold
	GC21F-1519-26	Wipe	**07/01/11**	1.000	100	NA	5	NA	NA	1	NA	5x	Tom Herold
AO10765	GC21B-1454-27	Wipe	**07/01/11**	1.000	100	NA	5	NA	NA	1	NA	5x	Tom Herold
	GC21F-1519-27	Wipe	**07/01/11**	1.000	100	NA	5	NA	NA	1	NA	5x	Tom Herold
AO10768	GC21B-1454-28	Wipe	**07/01/11**	1.000	100	NA	5	NA	NA	1	NA	5x	Tom Herold
	GC21F-1519-28	Wipe	**07/01/11**	1.000	100	NA	5	NA	NA	1	NA	5x	Tom Herold

COMMENTS: _____

SURROGATE % RECOVERY SUMMARY

4

2F-1
PCB SURROGATE RECOVERY

Laboratory Name: NEA - A Division of PACE SDG: 11070001

ELAP ID No: 11078

GC Column (1): Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm

GC Column (2): Phenomenex, Zebron ZB-5, 30 m, 0.25 mm ID, 0.25 µm

LRF ID	LAB SAMPLE ID	LAB FILE ID	SURR 1 (Col 1) % REC #	SURR 2 (Col 1) % REC #	SURR 1 (Col 2) % REC #	SURR 2 (Col 2) % REC #	OTHER (1)	OTHER (2)	TOTAL OUT
PBLK-31	AO10736B	GC21F-1519-15	95.2	101					0
PBLK-31	AO10736B	GC21B-1454-15			93.3	106			0
LCS-31	AO10736L	GC21F-1519-16	101	111					0
LCS-31	AO10736L	GC21B-1454-16			95.0	107			0
11070001-02	AO10748	GC21F-1519-22	94.8	106					0
11070001-02	AO10748	GC21B-1454-22			96.3	109			0
11070001-05	AO10751	GC21F-1519-23	104	117					0
11070001-05	AO10751	GC21B-1454-23			98.4	109			0
11070001-09	AO10755	GC21F-1519-24	99.0	109					0
11070001-09	AO10755	GC21B-1454-24			96.6	108			0
11070001-10	AO10756	GC21F-1519-25	93.7	111					0
11070001-10	AO10756	GC21B-1454-25			91.7	111			0

4

Column to be used to flag recovery values
* Values outside of QC limits
D Surrogate diluted out

	Advisory QC Limits.
SURR1 = TETRACHLORO-META-XYLENE	(60.0-140)
SURR2 = DECACHLOROBIPHENYL	(60.0-140)

Form II-CLP-PCB(NEA-PACE)

Print Date: 7/22/2011
Lims Version : 5.0.5.8

LABORATORY CONTROL SPIKE SUMMARY

5

3F-2
LABORATORY CONTROL SPIKE (LCS) RECOVERY

Laboratory Name: NEA - A Division of PACE

ELAP ID No: 11078

SDG No: 11070001

LCS Lab ID: LCS-31

Blank Sample ID: PBLK-31

LCS File ID: GC21F-1519-16

Method Blank File ID: GC21F-1519-15

LCS Inj Date: 07/04/2011 02:09:40

Method Blank Inj Date: 07/04/2011 01:36:51

LCS ID: AO10736L

Method Blank ID: AO10736B

LCS Matrix: Wipe

Method Blank Matrix: Wipe

COMPOUND	SPIKE ADDED (ug/Wipe)	LCS CONCENTRATION (ug/Wipe)	LCS PERCENT RECOVERY #	QC LIMITS[1] PERCENT RECOVERY
Aroclor 1254	1.25	1.31	105	70.0-130

Column to be used to flag recovery values

[1]QC Limits based upon laboratory defaults.

* Values outside of QC limits

Spike Recovery: 0 out of 1 outside limits.

5

COMMENTS:

Form III-CLP-PCB (NEA-PAC

Lims Version : 5.0.5.8

3F-2
LABORATORY CONTROL SPIKE (LCS) RECOVERY

Laboratory Name: NEA - A Division of PACE

ELAP ID No: 11078

SDG No: 11070001

LCS Lab ID: LCS-31

Blank Sample ID: PBLK-31

LCS File ID: GC21B-1454-16

Method Blank File ID: GC21B-1454-15

LCS Inj Date: 07/04/2011 02:09:44

Method Blank Inj Date: 07/04/2011 01:36:55

LCS ID: AO10736L

Method Blank ID: AO10736B

LCS Matrix: Wipe

Method Blank Matrix: Wipe

COMPOUND	SPIKE ADDED (ug/Wipe)	LCS CONCENTRATION (ug/Wipe)	LCS PERCENT RECOVERY #	QC LIMITS[1] PERCENT RECOVERY
Aroclor 1254	1.25	1.31	104	70.0-130

Column to be used to flag recovery values

[1]QC Limits based upon laboratory defaults.

* Values outside of QC limits

Spike Recovery: 0 out of 1 outside limits.

5

COMMENTS:

Form III-CLP-PCB (NEA-PAC

Lims Version : 5.0.5.8

METHOD BLANK SUMMARY

6

4C-1
PCB METHOD BLANK SUMMARY

Laboratory Name:	NEA - A Division of PACE	SDG No:	11070001
ELAP ID No:	11078	Blank Sample ID:	PBLK-31
Matrix:	WIPE	Method Blank Nea ID No:	AO10736B
Instrument ID:	GC21F	Lab File ID:	GC21F-1519-15
Extraction Type:	Soxhlet Method (3540C)	Date Extracted:	07/01/2011
GC Column (1):	Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm	Date Analyzed:	07/04/2011
		Time Analyzed:	01:36:51

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES AND QC:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE / TIME ANALYZED
LCS-31(LAB CONTROL SPIKE)	AO10736L	GC21F-1519-16	07/04/2011 02:09:40
PLY-WIPE-114	AO10748	GC21F-1519-22	07/04/2011 05:26:34
PLY-WIPE-117	AO10751	GC21F-1519-23	07/04/2011 05:59:23
PLY-WIPE-121	AO10755	GC21F-1519-24	07/04/2011 06:32:12
PLY-WIPE-122	AO10756	GC21F-1519-25	07/04/2011 07:05:03

4C-1
PCB METHOD BLANK SUMMARY

Laboratory Name:	NEA - A Division of PACE	SDG No:	11070001
ELAP ID No:	11078	Blank Sample ID:	PBLK-31
Matrix:	WIPE	Method Blank Nea ID No:	AO10736B
Instrument ID:	GC21B	Lab File ID:	GC21B-1454-15
Extraction Type:	Soxhlet Method (3540C)	Date Extracted:	07/01/2011
GC Column (1):	Phenomenex, Zebron ZB-5, 30 m, 0.25 mm ID, 0.25 µm	Date Analyzed:	07/04/2011
		Time Analyzed:	01:36:55

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES AND QC:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE / TIME ANALYZED
LCS-31(LAB CONTROL SPIKE)	AO10736L	GC21B-1454-16	07/04/2011 02:09:44
PLY-WIPE-114	AO10748	GC21B-1454-22	07/04/2011 05:26:38
PLY-WIPE-117	AO10751	GC21B-1454-23	07/04/2011 05:59:27
PLY-WIPE-121	AO10755	GC21B-1454-24	07/04/2011 06:32:16
PLY-WIPE-122	AO10756	GC21B-1454-25	07/04/2011 07:05:06

SAMPLE ANALYSIS DATA

7

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name:	NEA - A Division of PACE	SDG No:	11070001
ELAP ID No:	11078	LRF ID:	11070001-02
Matrix:	Wipe	Client ID:	PLY-WIPE-114
Sample wt(Dry)/vol:	N/A	Lab Sample ID:	AO10748
Percent Moisture:	N/A	Date Received:	07/01/2011
Extraction:	Soxhlet Method (3540C)	Date Extracted:	07/01/2011
Conc. Extract Volume:	5000 uL	Date Analyzed:	07/04/2011
Method:	SW-846 8082 (PCB)	Dilution Factor:	1
		Sulfur Cleanup:	YES

Column 1 Information:

GC Column: Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm

Injection Volume: 1.0 uL

Lab File ID: GC21F-1519-22

Column 2 Information:

GC Column: Phenomenex, Zebron ZB-5, 30 m, 0.25 mm ID, 0.25 µm

Injection Volume: 1.0 uL

Lab File ID: GC21B-1454-22

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION UG/WIPE	Q
1	12674-11-2	Aroclor 1016	0.100	U
1	11104-28-2	Aroclor 1221	0.100	U
1	11141-16-5	Aroclor 1232	0.100	U
1	53469-21-9	Aroclor 1242	0.100	U
1	12672-29-6	Aroclor 1248	0.100	U
1	11097-69-1	Aroclor 1254	0.100	U
1	11096-82-5	Aroclor 1260	0.100	U
1	37324-23-5	Aroclor 1262	0.100	U
1	11100-14-4	Aroclor 1268	0.100	U

Laboratory Qualifiers:
U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.

7

FORM I-CLP-PCB (NEA)

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name:	NEA - A Division of PACE	SDG No:	11070001
ELAP ID No:	11078	LRF ID:	11070001-05
Matrix:	Wipe	Client ID:	PLY-WIPE-117
Sample wt(Dry)/vol:	N/A	Lab Sample ID:	AO10751
Percent Moisture:	N/A	Date Received:	07/01/2011
Extraction:	Soxhlet Method (3540C)	Date Extracted:	07/01/2011
Conc. Extract Volume:	5000 uL	Date Analyzed:	07/04/2011
Method:	SW-846 8082 (PCB)	Dilution Factor:	1
		Sulfur Cleanup:	YES

Column 1 Information:

GC Column: Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm

Injection Volume: 1.0 uL

Lab File ID: GC21F-1519-23

Column 2 Information:

GC Column: Phenomenex, Zebron ZB-5, 30 m, 0.25 mm ID, 0.25 µm

Injection Volume: 1.0 uL

Lab File ID: GC21B-1454-23

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION UG/WIPE	Q
1	12674-11-2	Aroclor 1016	0.100	U
1	11104-28-2	Aroclor 1221	0.100	U
1	11141-16-5	Aroclor 1232	0.100	U
1	53469-21-9	Aroclor 1242	0.100	U
1	12672-29-6	Aroclor 1248	0.100	U
1	11097-69-1	Aroclor 1254	0.100	U
1	11096-82-5	Aroclor 1260	0.100	U
1	37324-23-5	Aroclor 1262	0.100	U
1	11100-14-4	Aroclor 1268	0.100	U

Laboratory Qualifiers:
U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.

7

FORM I-CLP-PCB (NEA)

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name:	NEA - A Division of PACE	SDG No:	11070001
ELAP ID No:	11078	LRF ID:	11070001-09
Matrix:	Wipe	Client ID:	PLY-WIPE-121
Sample wt(Dry)/vol:	N/A	Lab Sample ID:	AO10755
Percent Moisture:	N/A	Date Received:	07/01/2011
Extraction:	Soxhlet Method (3540C)	Date Extracted:	07/01/2011
Conc. Extract Volume:	5000 uL	Date Analyzed:	07/04/2011
Method:	SW-846 8082 (PCB)	Dilution Factor:	1
		Sulfur Cleanup:	YES

Column 1 Information:

GC Column: Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm

Injection Volume: 1.0 uL

Lab File ID: GC21F-1519-24

Column 2 Information:

GC Column: Phenomenex, Zebron ZB-5, 30 m, 0.25 mm ID, 0.25 µm

Injection Volume: 1.0 uL

Lab File ID: GC21B-1454-24

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION UG/WIPE	Q
1	12674-11-2	Aroclor 1016	0.100	U
1	11104-28-2	Aroclor 1221	0.100	U
1	11141-16-5	Aroclor 1232	0.100	U
1	53469-21-9	Aroclor 1242	0.100	U
1	12672-29-6	Aroclor 1248	0.100	U
1	11097-69-1	Aroclor 1254	0.100	U
1	11096-82-5	Aroclor 1260	0.100	U
1	37324-23-5	Aroclor 1262	0.100	U
1	11100-14-4	Aroclor 1268	0.100	U

Laboratory Qualifiers:
U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.

7

FORM I-CLP-PCB (NEA)

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name:	NEA - A Division of PACE	SDG No:	11070001
ELAP ID No:	11078	LRF ID:	11070001-10
Matrix:	Wipe	Client ID:	PLY-WIPE-122
Sample wt(Dry)/vol:	N/A	Lab Sample ID:	AO10756
Percent Moisture:	N/A	Date Received:	07/01/2011
Extraction:	Soxhlet Method (3540C)	Date Extracted:	07/01/2011
Conc. Extract Volume:	5000 uL	Date Analyzed:	07/04/2011
Method:	SW-846 8082 (PCB)	Dilution Factor:	1
		Sulfur Cleanup:	YES

Column 1 Information:

GC Column: Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm

Injection Volume: 1.0 uL

Lab File ID: GC21F-1519-25

Column 2 Information:

GC Column: Phenomenex, Zebron ZB-5, 30 m, 0.25 mm ID, 0.25 µm

Injection Volume: 1.0 uL

Lab File ID: GC21B-1454-25

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION UG/WIPE	Q
1	12674-11-2	Aroclor 1016	0.100	U
1	11104-28-2	Aroclor 1221	0.100	U
1	11141-16-5	Aroclor 1232	0.100	U
1	53469-21-9	Aroclor 1242	0.100	U
1	12672-29-6	Aroclor 1248	0.100	U
1	11097-69-1	Aroclor 1254	0.100	U
1	11096-82-5	Aroclor 1260	0.100	U
1	37324-23-5	Aroclor 1262	0.100	U
1	11100-14-4	Aroclor 1268	0.100	U

Laboratory Qualifiers:
U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.

7

FORM I-CLP-PCB (NEA)

Print Date: 7/22/2011
Lims Version : 5.0.5.8

ANALYTICAL SEQUENCE (GC21F)

8

8-D-1
PCB ANALYTICAL SEQUENCE

Laboratory Name: NEA - A Division of PACE SDG No: 11070001

ELAP ID No: 11078

Instrument ID: GC21F Init. Calib. Date(s): 03/11/11,03/12/11,03/14/11

GC Column (1): Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm

THE ANALYTICAL SEQUENCE OF SAMPLES, QC, AND STANDARDS IS GIVEN BELOW:

SURROGATE RETENTION TIME (RT) FROM INITIAL OR CONTINUING CALIBRATION
TCMX RT: 5.93 DCBP RT: 25.06

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE / TIME ANALYZED	TCMX RT # (+/-0.05 min)	DCBP RT # (+/-0.10 min)
01	A1016 20 PPB	031116A	GC21F-1425-3	03/11/2011 16:43:53		
02	A1016 100 PPB	031116B	GC21F-1425-4	03/11/2011 17:16:46		
03	A1016 250 PPB	031116C	GC21F-1425-5	03/11/2011 17:49:38		
04	A1016 500 PPB	031116D	GC21F-1425-6	03/11/2011 18:22:29		
05	A1016 1000 PPB	031116E	GC21F-1425-7	03/11/2011 18:55:20		
06	A1221 20 PPB	031121A	GC21F-1425-8	03/11/2011 19:28:11		
07	A1221 100 PPB	031121B	GC21F-1425-9	03/11/2011 20:01:03		
08	A1221 250 PPB	031121C	GC21F-1425-10	03/11/2011 20:33:54		
09	A1221 500 PPB	031121D	GC21F-1425-11	03/11/2011 21:06:46		
10	A1221 1000 PPB	031121E	GC21F-1425-12	03/11/2011 21:39:37		
11	A1232 20 PPB	031132A	GC21F-1425-13	03/11/2011 22:12:29		
12	A1232 100 PPB	031132B	GC21F-1425-14	03/11/2011 22:45:20		
13	A1232 250 PPB	031132C	GC21F-1425-15	03/11/2011 23:18:12		
14	A1232 500 PPB	031132D	GC21F-1425-16	03/11/2011 23:51:03		
15	A1232 1000 PPB	031132E	GC21F-1425-17	03/12/2011 00:23:54		
16	A1242 20 PPB	031142A	GC21F-1425-18	03/12/2011 00:56:47		
17	A1242 100 PPB	031142B	GC21F-1425-19	03/12/2011 01:29:38		
18	A1242 250 PPB	031142C	GC21F-1425-20	03/12/2011 02:02:29		
19	A1242 500 PPB	031142D	GC21F-1425-21	03/12/2011 02:35:19		
20	A1242 1000 PPB	031142E	GC21F-1425-22	03/12/2011 03:08:12		
21	A1248 20 PPB	031148A	GC21F-1425-23	03/12/2011 03:41:03		
22	A1248 100 PPB	031148B	GC21F-1425-24	03/12/2011 04:13:55		
23	A1248 250 PPB	031148C	GC21F-1425-25	03/12/2011 04:46:46		
24	A1248 500 PPB	031148D	GC21F-1425-26	03/12/2011 05:19:38		
25	A1248 1000 PPB	031148E	GC21F-1425-27	03/12/2011 05:52:30		
26	A1254 100 PPB	031154B	GC21F-1425-28	03/12/2011 06:25:22	5.93	25.06
27	A1254 20 PPB	031154A	GC21F-1425-29	03/12/2011 06:58:12	5.93	25.06
28	A1254 250 PPB	031154C	GC21F-1425-30	03/12/2011 07:31:03	5.93	25.06
29	A1254 500 PPB	031154D	GC21F-1425-31	03/12/2011 08:03:54	5.93	25.06
30	A1254 1000 PPB	031154E	GC21F-1425-32	03/12/2011 08:36:46	5.93	25.06
31	A1260 20 PPB	031160A	GC21F-1425-33	03/12/2011 09:09:37		
32	A1260 100 PPB	031160B	GC21F-1425-34	03/12/2011 09:42:28		
33	A1260 250 PPB	031160C	GC21F-1425-35	03/12/2011 10:15:19		
34	A1260 500 PPB	031160D	GC21F-1425-36	03/12/2011 10:48:11		
35	A1260 1000 PPB	031160E	GC21F-1425-37	03/12/2011 11:21:02		
36	A1262 20 PPB	031162A	GC21F-1425-38	03/12/2011 11:53:53		
37	A1262 100 PPB	031162B	GC21F-1425-39	03/12/2011 12:26:44		
38	A1262 250 PPB	031162C	GC21F-1425-40	03/12/2011 12:59:35		

Column used to flag surrogate retention times outside expected range.

8-D-1
PCB ANALYTICAL SEQUENCE

Laboratory Name: NEA - A Division of PACE SDG No: 11070001

ELAP ID No: 11078

Instrument ID: GC21F Init. Calib. Date(s): 03/11/11,03/12/11,03/14/11

GC Column (1): Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm

THE ANALYTICAL SEQUENCE OF SAMPLES, QC, AND STANDARDS IS GIVEN BELOW:

SURROGATE RETENTION TIME (RT) FROM INITIAL OR CONTINUING CALIBRATION
TCMX RT: 5.93 DCBP RT: 25.06

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE / TIME ANALYZED	TCMX RT # (+/-0.05 min)	DCBP RT # (+/-0.10 min)
39	A1262 500 PPB	031162D	GC21F-1425-41	03/12/2011 13:32:26		
40	A1262 1000 PPB	031162E	GC21F-1425-42	03/12/2011 14:05:18		
41	A1268 20 PPB	031168A	GC21F-1425-43	03/12/2011 14:38:09		
42	A1268 100 PPB	031168B	GC21F-1425-44	03/12/2011 15:11:00		
43	A1268 250 PPB	031168C	GC21F-1425-45	03/12/2011 15:43:52		
44	A1268 500 PPB	031168D	GC21F-1425-46	03/12/2011 16:16:44		
45	A1268 1000 PPB	031168E	GC21F-1425-47	03/12/2011 16:49:35		
46	IUPAC 15 20 PPB	0314FSA	GC21F-1425-60	03/14/2011 10:51:18		
47	IUPAC 15 50 PPB	0314FSB	GC21F-1425-61	03/14/2011 11:24:10		
48	IUPAC 15 80 PPB	0314FSC	GC21F-1425-62	03/14/2011 11:57:01		
49	IUPAC 15 100 PPB	0314FSD	GC21F-1425-63	03/14/2011 12:29:52		
50	IUPAC 15 200 PPB	0314FSE	GC21F-1425-64	03/14/2011 13:02:43		
51	A1016 500 PPB	CS160314A	GC21F-1425-66	03/14/2011 14:08:26	5.93	25.04
52	A1221 500 PPB	CS210314A	GC21F-1425-67	03/14/2011 14:41:18	5.93	25.03
53	A1232 500 PPB	CS320314A	GC21F-1425-68	03/14/2011 15:14:09	5.93	25.03
54	A1242 500 PPB	CS420314A	GC21F-1425-69	03/14/2011 15:47:00	5.93	25.04
55	A1248 500 PPB	CS480314A	GC21F-1425-70	03/14/2011 16:19:51	5.93	25.03
56	A1254 500 PPB	CS540314A	GC21F-1425-71	03/14/2011 16:52:42	5.93	25.03
57	A1260 500 PPB	CS600314A	GC21F-1425-72	03/14/2011 17:25:33	5.93	25.03
58	A1262 500 PPB	CS620314A	GC21F-1425-73	03/14/2011 17:58:24	5.93	25.04
59	A1268 500 PPB	CS680314A	GC21F-1425-74	03/14/2011 18:31:15	5.93	25.03
60	SURR IUPAC 15 70 PPB	110314FS01	GC21F-1425-75	03/14/2011 19:04:06	5.93	25.05
61	A1221 500 PPB	CS210703A	GC21F-1519-10	07/03/2011 22:52:46	5.94	25.04
62	ZZZZZ	ZZZZZ	GC21F-1519-11	07/03/2011 23:25:35	5.94	25.05
63	ZZZZZ	ZZZZZ	GC21F-1519-12	07/03/2011 23:58:24	5.94	25.05
64	ZZZZZ	ZZZZZ	GC21F-1519-13	07/04/2011 00:31:13	5.94	25.05
65	ZZZZZ	ZZZZZ	GC21F-1519-14	07/04/2011 01:04:02	5.94	25.05
66	PBLK-31(METHOD BLANK)	AO10736B	GC21F-1519-15	07/04/2011 01:36:51	5.94	25.04
67	LCS-31(LAB CONTROL SPIKE)	AO10736L	GC21F-1519-16	07/04/2011 02:09:40	5.94	25.04
68	ZZZZZ	ZZZZZ	GC21F-1519-17	07/04/2011 02:42:29	5.94	25.04
69	ZZZZZ	ZZZZZ	GC21F-1519-18	07/04/2011 03:15:18	5.94	25.04
70	ZZZZZ	ZZZZZ	GC21F-1519-19	07/04/2011 03:48:06	5.94	25.04
71	A1232 500 PPB	CS320703A	GC21F-1519-20	07/04/2011 04:20:55	5.94	25.04
72	ZZZZZ	ZZZZZ	GC21F-1519-21	07/04/2011 04:53:44	5.94	25.04
73	PLY-WIPE-114	AO10748	GC21F-1519-22	07/04/2011 05:26:34	5.94	25.04
74	PLY-WIPE-117	AO10751	GC21F-1519-23	07/04/2011 05:59:23	5.94	25.04
75	PLY-WIPE-121	AO10755	GC21F-1519-24	07/04/2011 06:32:12	5.94	25.04
76	PLY-WIPE-122	AO10756	GC21F-1519-25	07/04/2011 07:05:03	5.94	25.04

Column used to flag surrogate retention times outside expected range.

8-D-1
PCB ANALYTICAL SEQUENCE

Laboratory Name: NEA - A Division of PACE SDG No: 11070001

ELAP ID No: 11078

Instrument ID: GC21F Init. Calib. Date(s): 03/11/11,03/12/11,03/14/11

GC Column (1): Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm

THE ANALYTICAL SEQUENCE OF SAMPLES, QC, AND STANDARDS IS GIVEN BELOW:

SURROGATE RETENTION TIME (RT) FROM INITIAL OR CONTINUING CALIBRATION
TCMX RT: 5.93 DCBP RT: 25.06

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE / TIME ANALYZED	TCMX RT # (+/-0.05 min)	DCBP RT # (+/-0.10 min)
77	ZZZZZ	ZZZZZ	GC21F-1519-26	07/04/2011 07:37:52	5.94	25.04
78	ZZZZZ	ZZZZZ	GC21F-1519-27	07/04/2011 08:10:42	5.94	25.03
79	ZZZZZ	ZZZZZ	GC21F-1519-28	07/04/2011 08:43:30	5.94	25.05
80	ZZZZZ	ZZZZZ	GC21F-1519-29	07/04/2011 09:16:19	5.94	25.05
81	A1242 500 PPB	CS420703A	GC21F-1519-30	07/04/2011 09:49:08	5.94	25.04

8

Column used to flag surrogate retention times outside expected range.

INITIAL CALIBRATION DATA (GC21F)

9

6F-1
PCB INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Laboratory Name: NEA - A Division of PACE
SDG NO: 11070001
ELAP ID No: 11078
Date(s) Analyzed: 03/11/11,03/12/11,03/14/11
Instrument ID: GC21F
GC Column: Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm

COMPOUND	LAB FILE ID	NEA SAMPLE ID	AMOUNT (ppb)	TOTAL[1] RF	MEAN RF	% RSD
Aroclor 1016	GC21F-1425-3	031116A	20.0	80.892		
	GC21F-1425-4	031116B	100	91.315		
	GC21F-1425-5	031116C	250	84.840		
	GC21F-1425-6	031116D	500	84.133		
	GC21F-1425-7	031116E	1000	79.800	84.196	5.4
Aroclor 1221	GC21F-1425-8	031121A	20.0	24.208		
	GC21F-1425-9	031121B	100	25.122		
	GC21F-1425-10	031121C	250	24.662		
	GC21F-1425-11	031121D	500	22.567		
	GC21F-1425-12	031121E	1000	22.043	23.720	5.7
Aroclor 1232	GC21F-1425-13	031132A	20.0	42.018		
	GC21F-1425-14	031132B	100	40.939		
	GC21F-1425-15	031132C	250	41.091		
	GC21F-1425-16	031132D	500	39.718		
	GC21F-1425-17	031132E	1000	39.035	40.560	2.9
Aroclor 1242	GC21F-1425-18	031142A	20.0	75.584		
	GC21F-1425-19	031142B	100	72.310		
	GC21F-1425-20	031142C	250	74.392		
	GC21F-1425-21	031142D	500	74.520		
	GC21F-1425-22	031142E	1000	70.168	73.395	2.9
Aroclor 1248	GC21F-1425-23	031148A	20.0	67.932		
	GC21F-1425-24	031148B	100	75.340		
	GC21F-1425-25	031148C	250	75.049		
	GC21F-1425-26	031148D	500	70.150		
	GC21F-1425-27	031148E	1000	71.176	71.929	4.5
Aroclor 1254	GC21F-1425-29	031154A	20.0	111.528		
	GC21F-1425-28	031154B	100	117.476		
	GC21F-1425-30	031154C	250	113.797		
	GC21F-1425-31	031154D	500	110.455		
	GC21F-1425-32	031154E	1000	105.946	111.841	3.8
Aroclor 1260	GC21F-1425-33	031160A	20.0	132.290		
	GC21F-1425-34	031160B	100	133.443		
	GC21F-1425-35	031160C	250	130.897		
	GC21F-1425-36	031160D	500	130.670		
	GC21F-1425-37	031160E	1000	120.984	129.657	3.8
Aroclor 1262	GC21F-1425-38	031162A	20.0	138.670		
	GC21F-1425-39	031162B	100	135.528		
	GC21F-1425-40	031162C	250	141.432		
	GC21F-1425-41	031162D	500	140.464		
	GC21F-1425-42	031162E	1000	129.566	137.132	3.5

FORM VI-CLP-PCB(NEA-PACE)

Print Date: 7/22/2011
Lims Version : 5.0.5.8

6F-1
PCB INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Laboratory Name: NEA - A Division of PACE
SDG NO: 11070001
ELAP ID No: 11078
Date(s) Analyzed: 03/11/11,03/12/11,03/14/11
Instrument ID: GC21F
GC Column: Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm

COMPOUND	LAB FILE ID	NEA SAMPLE ID	AMOUNT (ppb)	TOTAL[1] RF	MEAN RF	% RSD
Aroclor 1268	GC21F-1425-43	031168A	20.0	271.193		
	GC21F-1425-44	031168B	100	277.620		
	GC21F-1425-45	031168C	250	268.054		
	GC21F-1425-46	031168D	500	247.108		
	GC21F-1425-47	031168E	1000	241.469	261.089	6.1
TCMX	GC21F-1425-29	031154A	2.00	488.907		
	GC21F-1425-28	031154B	5.00	471.002		
	GC21F-1425-30	031154C	8.00	456.151		
	GC21F-1425-31	031154D	10.0	456.889		
	GC21F-1425-32	031154E	20.0	435.936	461.777	4.3
4,4'-Dibromobiphenyl	GC21F-1425-60	0314FSA	20.0	259.225		
	GC21F-1425-61	0314FSB	50.0	244.499		
	GC21F-1425-62	0314FSC	80.0	237.202		
	GC21F-1425-63	0314FSD	100	239.501		
	GC21F-1425-64	0314FSE	200	226.267	241.339	5.0
DCBP	GC21F-1425-29	031154A	20.0	517.601		
	GC21F-1425-28	031154B	50.0	493.896		
	GC21F-1425-30	031154C	80.0	468.074		
	GC21F-1425-31	031154D	100	469.605		
	GC21F-1425-32	031154E	200	445.781	478.991	5.7

% RSD Limit <= 20%
TCMX=TETRACHLOROMETAXYLENE
DCBP=DECACHLOROBIPHENYL

[1] Response factor calculated using total area of 5 peaks used to quantitate each Aroclor. Mean response factor not used in Aroclor quantitation, calibration curve by linear regression used for quantitation. Concentrations are nominal values, please see Calibration Curve Report Point Table for actual values.

9

INITIAL/CONTINUING CALIBRATION DATA (GC21F)

10

7E-1
PCB CALIBRATION VERIFICATION SUMMARY

Laboratory Name: NEA - A Division of PACE SDG NO: 11070001

ELAP ID No: 11078

Instrument ID: GC21F

GC Column: Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm

COMPOUND	LAB FILE ID	NEA SAMPLE ID	CALIB TYPE	CALC AMOUNT (ng/mL)	NOM AMOUNT (ng/mL)	PERCENT DIFFERENCE	Q	DATE / TIME ANALYZED
Aroclor 1016	GC21F-1425-66	CS160314A	ICV	499	500	-0.153		03/14/2011 14:08:26
Aroclor 1221	GC21F-1425-67	CS210314A	ICV	509	500	1.86		03/14/2011 14:41:18
Aroclor 1232	GC21F-1425-68	CS320314A	ICV	496	500	-0.867		03/14/2011 15:14:09
Aroclor 1242	GC21F-1425-69	CS420314A	ICV	450	500	-9.95		03/14/2011 15:47:00
Aroclor 1248	GC21F-1425-70	CS480314A	ICV	482	500	-3.51		03/14/2011 16:19:51
Aroclor 1254	GC21F-1425-71	CS540314A	ICV	480	500	-3.97		03/14/2011 16:52:42
Aroclor 1260	GC21F-1425-72	CS600314A	ICV	479	500	-4.30		03/14/2011 17:25:33
Aroclor 1262	GC21F-1425-73	CS620314A	ICV	495	500	-1.02		03/14/2011 17:58:24
Aroclor 1268	GC21F-1425-74	CS680314A	ICV	462	500	-7.61		03/14/2011 18:31:15
Aroclor 1221	GC21F-1519-10	CS210703A	CCV	554	500	10.9		07/03/2011 22:52:46
Aroclor 1232	GC21F-1519-20	CS320703A	CCV	562	500	12.4		07/04/2011 04:20:55
Aroclor 1242	GC21F-1519-30	CS420703A	CCV	486	500	-2.86		07/04/2011 09:49:08

% Difference must be less than or equal to +/- 15 percent

ICV = Initial Calibration Verification

CCV = Continuing Calibration Verification

10

7E-2
PCB CALIBRATION VERIFICATION SUMMARY

Laboratory Name: NEA - A Division of PACE
SGD NO: 11070001
ELAP ID No: 11078
Instrument ID: GC21F
GC Column: Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm

COMPOUND	Lab File ID	NEA Sample ID	CALIB* TYPE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO
Aroclor 1016	GC21F-1425-66	CS160314A	ICV	1	7.54	7.46	7.62
		CS160314A	ICV	2	7.92	7.84	8.00
		CS160314A	ICV	3	8.54	8.46	8.62
		CS160314A	ICV	4	8.75	8.67	8.83
		CS160314A	ICV	5	8.88	8.80	8.96
Aroclor 1221	GC21F-1425-67	CS210314A	ICV	1	4.53	4.45	4.61
		CS210314A	ICV	2	5.77	5.69	5.85
		CS210314A	ICV	3	6.33	6.25	6.41
		CS210314A	ICV	4	6.52	6.44	6.60
		CS210314A	ICV	5	6.64	6.56	6.72
Aroclor 1232	GC21F-1425-68	CS320314A	ICV	1	6.64	6.56	6.72
		CS320314A	ICV	2	7.91	7.83	7.99
		CS320314A	ICV	3	8.53	8.45	8.61
		CS320314A	ICV	4	8.74	8.66	8.82
		CS320314A	ICV	5	8.88	8.80	8.96
Aroclor 1242	GC21F-1425-69	CS420314A	ICV	1	7.54	7.46	7.62
		CS420314A	ICV	2	7.92	7.84	8.00
		CS420314A	ICV	3	8.54	8.46	8.62
		CS420314A	ICV	4	8.75	8.67	8.83
		CS420314A	ICV	5	8.88	8.80	8.96
Aroclor 1248	GC21F-1425-70	CS480314A	ICV	1	9.45	9.37	9.53
		CS480314A	ICV	2	10.10	10.02	10.18
		CS480314A	ICV	3	10.73	10.65	10.81
		CS480314A	ICV	4	10.89	10.81	10.97
		CS480314A	ICV	5	11.29	11.21	11.37
Aroclor 1254	GC21F-1425-71	CS540314A	ICV	1	11.60	11.52	11.68
		CS540314A	ICV	2	12.25	12.17	12.33
		CS540314A	ICV	3	12.53	12.45	12.61
		CS540314A	ICV	4	13.99	13.91	14.07
		CS540314A	ICV	5	14.81	14.73	14.89
Aroclor 1260	GC21F-1425-72	CS600314A	ICV	1	14.81	14.73	14.89
		CS600314A	ICV	2	17.02	16.94	17.10
		CS600314A	ICV	3	17.88	17.80	17.96
		CS600314A	ICV	4	18.62	18.54	18.70
		CS600314A	ICV	5	20.74	20.66	20.82
Aroclor 1262	GC21F-1425-73	CS620314A	ICV	1	14.81	14.73	14.89
		CS620314A	ICV	2	17.02	16.94	17.10
		CS620314A	ICV	3	17.88	17.80	17.96

FORM VII-CLP-PCB(NEA-PACE

Print Date: 7/22/2011
Lims Version : 5.0.5.8

7E-2
PCB CALIBRATION VERIFICATION SUMMARY

Laboratory Name: NEA - A Division of PACE
SGD NO: 11070001
ELAP ID No: 11078
Instrument ID: GC21F
GC Column: Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm

COMPOUND	Lab File ID	NEA Sample ID	CALIB TYPE*	PEAK	RT	RT WINDOW FROM	RT WINDOW TO
Aroclor 1262		CS620314A	ICV	4	18.63	18.55	18.71
		CS620314A	ICV	5	20.75	20.67	20.83
Aroclor 1268	GC21F-1425-74	CS680314A	ICV	1	18.63	18.55	18.71
		CS680314A	ICV	2	20.74	20.66	20.82
		CS680314A	ICV	3	18.41	18.33	18.49
		CS680314A	ICV	4	19.88	19.80	19.96
		CS680314A	ICV	5	20.23	20.15	20.31

* ICV = Initial Calibration Verification
CCV = Continuing Calibration Verification

10

7E-2
PCB CALIBRATION VERIFICATION SUMMARY

Laboratory Name: NEA - A Division of PACE

SGD NO: 11070001

ELAP ID No: 11078

Instrument ID: GC21F

GC Column: Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm

COMPOUND	Lab File ID	NEA Sample ID	CALIB TYPE*	PEAK	RT	RT WINDOW FROM	RT WINDOW TO
Aroclor 1221	GC21F-1519-10	CS210703A	CCV	1	4.55	4.45	4.61
		CS210703A	CCV	2	5.78	5.69	5.85
		CS210703A	CCV	3	6.34	6.25	6.41
		CS210703A	CCV	4	6.53	6.44	6.60
		CS210703A	CCV	5	6.65	6.56	6.72
Aroclor 1232	GC21F-1519-20	CS320703A	CCV	1	6.65	6.56	6.72
		CS320703A	CCV	2	7.92	7.83	7.99
		CS320703A	CCV	3	8.54	8.45	8.61
		CS320703A	CCV	4	8.74	8.66	8.82
		CS320703A	CCV	5	8.88	8.80	8.96
Aroclor 1242	GC21F-1519-30	CS420703A	CCV	1	7.54	7.46	7.62
		CS420703A	CCV	2	7.92	7.84	8.00
		CS420703A	CCV	3	8.54	8.46	8.62
		CS420703A	CCV	4	8.75	8.67	8.83
		CS420703A	CCV	5	8.88	8.80	8.96

* ICV = Initial Calibration Verification
CCV = Continuing Calibration Verification

10

ANALYTICAL SEQUENCE (GC21B)

8-D-1
PCB ANALYTICAL SEQUENCE

Laboratory Name: NEA - A Division of PACE SDG No: 11070001

ELAP ID No: 11078

Instrument ID: GC21B Init. Calib. Date(s): 03/11/11,03/12/11,03/14/11

GC Column (1): Phenomenex, Zebron ZB-5, 30 m, 0.25 mm ID, 0.25 µm

THE ANALYTICAL SEQUENCE OF SAMPLES, QC, AND STANDARDS IS GIVEN BELOW:

SURROGATE RETENTION TIME (RT) FROM INITIAL OR CONTINUING CALIBRATION
TCMX RT: 6.51 DCBP RT: 27.37

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE / TIME ANALYZED	TCMX RT # (+/-0.05 min)	DCBP RT # (+/-0.10 min)
01	A1016 20 PPB	031116A	GC21B-1358-3	03/11/2011 16:43:58		
02	A1016 100 PPB	031116B	GC21B-1358-4	03/11/2011 17:16:50		
03	A1016 250 PPB	031116C	GC21B-1358-5	03/11/2011 17:49:43		
04	A1016 500 PPB	031116D	GC21B-1358-6	03/11/2011 18:22:33		
05	A1016 1000 PPB	031116E	GC21B-1358-7	03/11/2011 18:55:24		
06	A1221 20 PPB	031121A	GC21B-1358-8	03/11/2011 19:28:15		
07	A1221 100 PPB	031121B	GC21B-1358-9	03/11/2011 20:01:07		
08	A1221 250 PPB	031121C	GC21B-1358-10	03/11/2011 20:33:59		
09	A1221 500 PPB	031121D	GC21B-1358-11	03/11/2011 21:06:50		
10	A1221 1000 PPB	031121E	GC21B-1358-12	03/11/2011 21:39:42		
11	A1232 20 PPB	031132A	GC21B-1358-13	03/11/2011 22:12:34		
12	A1232 100 PPB	031132B	GC21B-1358-14	03/11/2011 22:45:25		
13	A1232 250 PPB	031132C	GC21B-1358-15	03/11/2011 23:18:17		
14	A1232 500 PPB	031132D	GC21B-1358-16	03/11/2011 23:51:08		
15	A1232 1000 PPB	031132E	GC21B-1358-17	03/12/2011 00:23:59		
16	A1242 20 PPB	031142A	GC21B-1358-18	03/12/2011 00:56:51		
17	A1242 100 PPB	031142B	GC21B-1358-19	03/12/2011 01:29:43		
18	A1242 250 PPB	031142C	GC21B-1358-20	03/12/2011 02:02:33		
19	A1242 500 PPB	031142D	GC21B-1358-21	03/12/2011 02:35:24		
20	A1242 1000 PPB	031142E	GC21B-1358-22	03/12/2011 03:08:16		
21	A1248 20 PPB	031148A	GC21B-1358-23	03/12/2011 03:41:07		
22	A1248 100 PPB	031148B	GC21B-1358-24	03/12/2011 04:13:59		
23	A1248 250 PPB	031148C	GC21B-1358-25	03/12/2011 04:46:50		
24	A1248 500 PPB	031148D	GC21B-1358-26	03/12/2011 05:19:42		
25	A1248 1000 PPB	031148E	GC21B-1358-27	03/12/2011 05:52:34		
26	A1254 100 PPB	031154B	GC21B-1358-28	03/12/2011 06:25:25	6.51	27.38
27	A1254 20 PPB	031154A	GC21B-1358-29	03/12/2011 06:58:15	6.51	27.37
28	A1254 250 PPB	031154C	GC21B-1358-30	03/12/2011 07:31:06	6.51	27.37
29	A1254 500 PPB	031154D	GC21B-1358-31	03/12/2011 08:03:58	6.51	27.38
30	A1254 1000 PPB	031154E	GC21B-1358-32	03/12/2011 08:36:50	6.51	27.37
31	A1260 20 PPB	031160A	GC21B-1358-33	03/12/2011 09:09:41		
32	A1260 100 PPB	031160B	GC21B-1358-34	03/12/2011 09:42:32		
33	A1260 250 PPB	031160C	GC21B-1358-35	03/12/2011 10:15:23		
34	A1260 500 PPB	031160D	GC21B-1358-36	03/12/2011 10:48:15		
35	A1260 1000 PPB	031160E	GC21B-1358-37	03/12/2011 11:21:05		
36	A1262 20 PPB	031162A	GC21B-1358-38	03/12/2011 11:53:56		
37	A1262 100 PPB	031162B	GC21B-1358-39	03/12/2011 12:26:47		
38	A1262 250 PPB	031162C	GC21B-1358-40	03/12/2011 12:59:38		

Column used to flag surrogate retention times outside expected range.

8-D-1
PCB ANALYTICAL SEQUENCE

Laboratory Name: NEA - A Division of PACE SDG No: 11070001

ELAP ID No: 11078

Instrument ID: GC21B Init. Calib. Date(s): 03/11/11,03/12/11,03/14/11

GC Column (1): Phenomenex, Zebron ZB-5, 30 m, 0.25 mm ID, 0.25 µm

THE ANALYTICAL SEQUENCE OF SAMPLES, QC, AND STANDARDS IS GIVEN BELOW:

SURROGATE RETENTION TIME (RT) FROM INITIAL OR CONTINUING CALIBRATION
TCMX RT: 6.51 DCBP RT: 27.37

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE / TIME ANALYZED	TCMX RT # (+/-0.05 min)	DCBP RT # (+/-0.10 min)
39	A1262 500 PPB	031162D	GC21B-1358-41	03/12/2011 13:32:30		
40	A1262 1000 PPB	031162E	GC21B-1358-42	03/12/2011 14:05:21		
41	A1268 20 PPB	031168A	GC21B-1358-43	03/12/2011 14:38:13		
42	A1268 100 PPB	031168B	GC21B-1358-44	03/12/2011 15:11:04		
43	A1268 250 PPB	031168C	GC21B-1358-45	03/12/2011 15:43:56		
44	A1268 500 PPB	031168D	GC21B-1358-46	03/12/2011 16:16:48		
45	A1268 1000 PPB	031168E	GC21B-1358-47	03/12/2011 16:49:38		
46	IUPAC 15 20 PPB	0314FSA	GC21B-1358-60	03/14/2011 10:51:22		
47	IUPAC 15 50 PPB	0314FSB	GC21B-1358-61	03/14/2011 11:24:14		
48	IUPAC 15 80 PPB	0314FSC	GC21B-1358-62	03/14/2011 11:57:05		
49	IUPAC 15 100 PPB	0314FSD	GC21B-1358-63	03/14/2011 12:29:56		
50	IUPAC 15 200 PPB	0314FSE	GC21B-1358-64	03/14/2011 13:02:48		
51	A1016 500 PPB	CS160314A	GC21B-1358-66	03/14/2011 14:08:31	6.51	27.35
52	A1221 500 PPB	CS210314A	GC21B-1358-67	03/14/2011 14:41:22	6.51	27.34
53	A1232 500 PPB	CS320314A	GC21B-1358-68	03/14/2011 15:14:13	6.50	27.35
54	A1242 500 PPB	CS420314A	GC21B-1358-69	03/14/2011 15:47:04	6.51	27.35
55	A1248 500 PPB	CS480314A	GC21B-1358-70	03/14/2011 16:19:55	6.50	27.35
56	A1254 500 PPB	CS540314A	GC21B-1358-71	03/14/2011 16:52:46	6.51	27.35
57	A1260 500 PPB	CS600314A	GC21B-1358-72	03/14/2011 17:25:37	6.51	27.34
58	A1262 500 PPB	CS620314A	GC21B-1358-73	03/14/2011 17:58:28	6.51	27.35
59	A1268 500 PPB	CS680314A	GC21B-1358-74	03/14/2011 18:31:20	6.51	27.35
60	SURR IUPAC 15 70 PPB	110314FS01	GC21B-1358-75	03/14/2011 19:04:10	6.52	27.37
61	A1221 500 PPB	CS210703A	GC21B-1454-10	07/03/2011 22:52:50	6.51	27.36
62	ZZZZZ	ZZZZZ	GC21B-1454-11	07/03/2011 23:25:39	6.51	27.36
63	ZZZZZ	ZZZZZ	GC21B-1454-12	07/03/2011 23:58:28	6.51	27.35
64	ZZZZZ	ZZZZZ	GC21B-1454-13	07/04/2011 00:31:17	6.51	27.35
65	ZZZZZ	ZZZZZ	GC21B-1454-14	07/04/2011 01:04:06	6.51	27.35
66	PBLK-31(METHOD BLANK)	AO10736B	GC21B-1454-15	07/04/2011 01:36:55	6.51	27.35
67	LCS-31(LAB CONTROL SPIKE)	AO10736L	GC21B-1454-16	07/04/2011 02:09:44	6.50	27.35
68	ZZZZZ	ZZZZZ	GC21B-1454-17	07/04/2011 02:42:33	6.51	27.35
69	ZZZZZ	ZZZZZ	GC21B-1454-18	07/04/2011 03:15:22	6.51	27.35
70	ZZZZZ	ZZZZZ	GC21B-1454-19	07/04/2011 03:48:11	6.50	27.35
71	A1232 500 PPB	CS320703A	GC21B-1454-20	07/04/2011 04:21:00	6.50	27.34
72	ZZZZZ	ZZZZZ	GC21B-1454-21	07/04/2011 04:53:49	6.51	27.34
73	PLY-WIPE-114	AO10748	GC21B-1454-22	07/04/2011 05:26:38	6.51	27.35
74	PLY-WIPE-117	AO10751	GC21B-1454-23	07/04/2011 05:59:27	6.51	27.35
75	PLY-WIPE-121	AO10755	GC21B-1454-24	07/04/2011 06:32:16	6.51	27.35
76	PLY-WIPE-122	AO10756	GC21B-1454-25	07/04/2011 07:05:06	6.51	27.35

Column used to flag surrogate retention times outside expected range.

8-D-1
PCB ANALYTICAL SEQUENCE

Laboratory Name: NEA - A Division of PACE SDG No: 11070001

ELAP ID No: 11078

Instrument ID: GC21B Init. Calib. Date(s): 03/11/11,03/12/11,03/14/11

GC Column (1): Phenomenex, Zebron ZB-5, 30 m, 0.25 mm ID, 0.25 µm

THE ANALYTICAL SEQUENCE OF SAMPLES, QC, AND STANDARDS IS GIVEN BELOW:

SURROGATE RETENTION TIME (RT) FROM INITIAL OR CONTINUING CALIBRATION
TCMX RT: 6.51 DCBP RT: 27.37

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE / TIME ANALYZED	TCMX RT # (+/-0.05 min)	DCBP RT # (+/-0.10 min)
77	ZZZZZ	ZZZZZ	GC21B-1454-26	07/04/2011 07:37:55	6.51	27.35
78	ZZZZZ	ZZZZZ	GC21B-1454-27	07/04/2011 08:10:45	6.51	27.34
79	ZZZZZ	ZZZZZ	GC21B-1454-28	07/04/2011 08:43:34	6.51	27.35
80	ZZZZZ	ZZZZZ	GC21B-1454-29	07/04/2011 09:16:23	6.51	27.35
81	A1242 500 PPB	CS420703A	GC21B-1454-30	07/04/2011 09:49:12	6.51	27.34

11

Column used to flag surrogate retention times outside expected range.

INITIAL CALIBRATION DATA (GC21B)

12

6F-1
PCB INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Laboratory Name: NEA - A Division of PACE
SDG NO: 11070001
ELAP ID No: 11078
Date(s) Analyzed: 03/11/11,03/12/11,03/14/11
Instrument ID: GC21B
GC Column: Phenomenex, Zebron ZB-5, 30 m, 0.25 mm ID, 0.25 µm

COMPOUND	LAB FILE ID	NEA SAMPLE ID	AMOUNT (ppb)	TOTAL[1] RF	MEAN RF	% RSD
Aroclor 1016	GC21B-1358-3	031116A	20.0	94.632		
	GC21B-1358-4	031116B	100	98.739		
	GC21B-1358-5	031116C	250	91.424		
	GC21B-1358-6	031116D	500	85.900		
	GC21B-1358-7	031116E	1000	82.370	90.613	7.3
Aroclor 1221	GC21B-1358-8	031121A	20.0	25.923		
	GC21B-1358-9	031121B	100	24.896		
	GC21B-1358-10	031121C	250	23.671		
	GC21B-1358-11	031121D	500	23.996		
	GC21B-1358-12	031121E	1000	22.895	24.276	4.8
Aroclor 1232	GC21B-1358-13	031132A	20.0	37.199		
	GC21B-1358-14	031132B	100	45.723		
	GC21B-1358-15	031132C	250	42.085		
	GC21B-1358-16	031132D	500	41.496		
	GC21B-1358-17	031132E	1000	42.423	41.785	7.3
Aroclor 1242	GC21B-1358-18	031142A	20.0	79.466		
	GC21B-1358-19	031142B	100	76.688		
	GC21B-1358-20	031142C	250	77.633		
	GC21B-1358-21	031142D	500	75.885		
	GC21B-1358-22	031142E	1000	71.100	76.154	4.1
Aroclor 1248	GC21B-1358-23	031148A	20.0	81.489		
	GC21B-1358-24	031148B	100	81.431		
	GC21B-1358-25	031148C	250	79.335		
	GC21B-1358-26	031148D	500	74.865		
	GC21B-1358-27	031148E	1000	75.745	78.573	4.0
Aroclor 1254	GC21B-1358-29	031154A	20.0	138.240		
	GC21B-1358-28	031154B	100	134.540		
	GC21B-1358-30	031154C	250	130.888		
	GC21B-1358-31	031154D	500	123.817		
	GC21B-1358-32	031154E	1000	121.696	129.836	5.4
Aroclor 1260	GC21B-1358-33	031160A	20.0	163.077		
	GC21B-1358-34	031160B	100	185.477		
	GC21B-1358-35	031160C	250	184.114		
	GC21B-1358-36	031160D	500	178.429		
	GC21B-1358-37	031160E	1000	173.465	176.912	5.1
Aroclor 1262	GC21B-1358-38	031162A	20.0	183.589		
	GC21B-1358-39	031162B	100	186.133		
	GC21B-1358-40	031162C	250	199.774		
	GC21B-1358-41	031162D	500	187.716		
	GC21B-1358-42	031162E	1000	185.774	188.597	3.4

FORM VI-CLP-PCB(NEA-PACE)

Print Date: 7/22/2011
Lims Version : 5.0.5.8

6F-1
PCB INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Laboratory Name: NEA - A Division of PACE
SDG NO: 11070001
ELAP ID No: 11078
Date(s) Analyzed: 03/11/11,03/12/11,03/14/11
Instrument ID: GC21B
GC Column: Phenomenex, Zebron ZB-5, 30 m, 0.25 mm ID, 0.25 µm

COMPOUND	LAB FILE ID	NEA SAMPLE ID	AMOUNT (ppb)	TOTAL[1] RF	MEAN RF	% RSD
Aroclor 1268	GC21B-1358-43	031168A	20.0	348.303		
	GC21B-1358-44	031168B	100	356.499		
	GC21B-1358-45	031168C	250	340.982		
	GC21B-1358-46	031168D	500	326.090		
	GC21B-1358-47	031168E	1000	319.904	338.356	4.5
TCMX	GC21B-1358-29	031154A	2.00	533.555		
	GC21B-1358-28	031154B	5.00	502.196		
	GC21B-1358-30	031154C	8.00	497.695		
	GC21B-1358-31	031154D	10.0	483.808		
	GC21B-1358-32	031154E	20.0	468.488	497.148	4.9
4,4'-Dibromobiphenyl	GC21B-1358-60	0314FSA	20.0	297.154		
	GC21B-1358-61	0314FSB	50.0	284.899		
	GC21B-1358-62	0314FSC	80.0	275.012		
	GC21B-1358-63	0314FSD	100	263.534		
	GC21B-1358-64	0314FSE	200	254.528	275.025	6.1
DCBP	GC21B-1358-29	031154A	20.0	575.342		
	GC21B-1358-28	031154B	50.0	571.216		
	GC21B-1358-30	031154C	80.0	532.309		
	GC21B-1358-31	031154D	100	529.661		
	GC21B-1358-32	031154E	200	519.739	545.654	4.7

% RSD Limit <= 20%
TCMX=TETRACHLOROMETAXYLENE
DCBP=DECACHLOROBIPHENYL

[1] Response factor calculated using total area of 5 peaks used to quantitate each Aroclor. Mean response factor not used in Aroclor quantitation, calibration curve by linear regression used for quantitation. Concentrations are nominal values, please see Calibration Curve Report Point Table for actual values.

12

INITIAL/CONTINUING CALIBRATION DATA (GC21B)

13

7E-1
PCB CALIBRATION VERIFICATION SUMMARY

Laboratory Name: NEA - A Division of PACE SDG NO: 11070001

ELAP ID No: 11078

Instrument ID: GC21B

GC Column: Phenomenex, Zebron ZB-5, 30 m, 0.25 mm ID, 0.25 µm

COMPOUND	LAB FILE ID	NEA SAMPLE ID	CALIB TYPE	CALC AMOUNT (ng/mL)	NOM AMOUNT (ng/mL)	PERCENT DIFFERENCE	Q	DATE / TIME ANALYZED
Aroclor 1016	GC21B-1358-66	CS160314A	ICV	484	500	-3.19		03/14/2011 14:08:31
Aroclor 1221	GC21B-1358-67	CS210314A	ICV	492	500	-1.64		03/14/2011 14:41:22
Aroclor 1232	GC21B-1358-68	CS320314A	ICV	464	500	-7.24		03/14/2011 15:14:13
Aroclor 1242	GC21B-1358-69	CS420314A	ICV	455	500	-8.93		03/14/2011 15:47:04
Aroclor 1248	GC21B-1358-70	CS480314A	ICV	474	500	-5.14		03/14/2011 16:19:55
Aroclor 1254	GC21B-1358-71	CS540314A	ICV	489	500	-2.17		03/14/2011 16:52:46
Aroclor 1260	GC21B-1358-72	CS600314A	ICV	458	500	-8.44		03/14/2011 17:25:37
Aroclor 1262	GC21B-1358-73	CS620314A	ICV	502	500	0.383		03/14/2011 17:58:28
Aroclor 1268	GC21B-1358-74	CS680314A	ICV	473	500	-5.31		03/14/2011 18:31:20
Aroclor 1221	GC21B-1454-10	CS210703A	CCV	556	500	11.1		07/03/2011 22:52:50
Aroclor 1232	GC21B-1454-20	CS320703A	CCV	549	500	9.79		07/04/2011 04:21:00
Aroclor 1242	GC21B-1454-30	CS420703A	CCV	496	500	-0.747		07/04/2011 09:49:12

% Difference must be less than or equal to +/- 15 percent

ICV = Initial Calibration Verification

CCV = Continuing Calibration Verification

13

7E-2
PCB CALIBRATION VERIFICATION SUMMARY

Laboratory Name: NEA - A Division of PACE
SGD NO: 11070001
ELAP ID No: 11078
Instrument ID: GC21B
GC Column: Phenomenex, Zebron ZB-5, 30 m, 0.25 mm ID, 0.25 µm

COMPOUND	Lab File ID	NEA Sample ID	CALIB* TYPE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO
Aroclor 1016	GC21B-1358-66	CS160314A	ICV	1	8.13	8.05	8.21
		CS160314A	ICV	2	8.54	8.46	8.62
		CS160314A	ICV	3	9.15	9.07	9.23
		CS160314A	ICV	4	9.38	9.30	9.46
		CS160314A	ICV	5	9.56	9.48	9.64
Aroclor 1221	GC21B-1358-67	CS210314A	ICV	1	5.32	5.24	5.40
		CS210314A	ICV	2	6.47	6.39	6.55
		CS210314A	ICV	3	6.94	6.86	7.02
		CS210314A	ICV	4	7.15	7.07	7.23
		CS210314A	ICV	5	7.27	7.19	7.35
Aroclor 1232	GC21B-1358-68	CS320314A	ICV	1	7.27	7.19	7.35
		CS320314A	ICV	2	8.53	8.45	8.61
		CS320314A	ICV	3	9.14	9.06	9.22
		CS320314A	ICV	4	9.37	9.29	9.45
		CS320314A	ICV	5	9.55	9.47	9.63
Aroclor 1242	GC21B-1358-69	CS420314A	ICV	1	8.13	8.05	8.21
		CS420314A	ICV	2	8.54	8.46	8.62
		CS420314A	ICV	3	9.15	9.07	9.23
		CS420314A	ICV	4	9.38	9.30	9.46
		CS420314A	ICV	5	9.56	9.48	9.64
Aroclor 1248	GC21B-1358-70	CS480314A	ICV	1	10.07	9.99	10.15
		CS480314A	ICV	2	10.81	10.73	10.89
		CS480314A	ICV	3	11.42	11.34	11.50
		CS480314A	ICV	4	11.62	11.54	11.70
		CS480314A	ICV	5	12.09	12.01	12.17
Aroclor 1254	GC21B-1358-71	CS540314A	ICV	1	12.28	12.20	12.36
		CS540314A	ICV	2	13.05	12.97	13.13
		CS540314A	ICV	3	13.34	13.26	13.42
		CS540314A	ICV	4	14.82	14.74	14.90
		CS540314A	ICV	5	15.69	15.61	15.77
Aroclor 1260	GC21B-1358-72	CS600314A	ICV	1	15.68	15.60	15.76
		CS600314A	ICV	2	17.95	17.87	18.03
		CS600314A	ICV	3	19.14	19.06	19.22
		CS600314A	ICV	4	19.78	19.70	19.86
		CS600314A	ICV	5	22.41	22.33	22.49
Aroclor 1262	GC21B-1358-73	CS620314A	ICV	1	15.69	15.61	15.77
		CS620314A	ICV	2	17.96	17.88	18.04
		CS620314A	ICV	3	19.14	19.06	19.22

FORM VII-CLP-PCB(NEA-PACE

Print Date: 7/22/2011
Lims Version : 5.0.5.8

7E-2
PCB CALIBRATION VERIFICATION SUMMARY

Laboratory Name: NEA - A Division of PACE

SGD NO: 11070001

ELAP ID No: 11078

Instrument ID: GC21B

GC Column: Phenomenex, Zebron ZB-5, 30 m, 0.25 mm ID, 0.25 µm

COMPOUND	Lab File ID	NEA Sample ID	CALIB TYPE*	PEAK	RT	RT WINDOW FROM	RT WINDOW TO
Aroclor 1262		CS620314A	ICV	4	19.78	19.70	19.86
		CS620314A	ICV	5	22.41	22.33	22.49
Aroclor 1268	GC21B-1358-74	CS680314A	ICV	1	19.77	19.69	19.85
		CS680314A	ICV	2	22.41	22.33	22.49
		CS680314A	ICV	3	19.53	19.45	19.61
		CS680314A	ICV	4	21.20	21.12	21.28
		CS680314A	ICV	5	21.64	21.56	21.72

* ICV = Initial Calibration Verification
CCV = Continuing Calibration Verification

13

7E-2
PCB CALIBRATION VERIFICATION SUMMARY

Laboratory Name: NEA - A Division of PACE

SGD NO: 11070001

ELAP ID No: 11078

Instrument ID: GC21B

GC Column: Phenomenex, Zebron ZB-5, 30 m, 0.25 mm ID, 0.25 µm

COMPOUND	Lab File ID	NEA Sample ID	CALIB TYPE*	PEAK	RT	RT WINDOW FROM	RT WINDOW TO
Aroclor 1221	GC21B-1454-10	CS210703A	CCV	1	5.32	5.24	5.40
		CS210703A	CCV	2	6.47	6.39	6.55
		CS210703A	CCV	3	6.94	6.86	7.02
		CS210703A	CCV	4	7.15	7.07	7.23
		CS210703A	CCV	5	7.27	7.19	7.35
Aroclor 1232	GC21B-1454-20	CS320703A	CCV	1	7.27	7.19	7.35
		CS320703A	CCV	2	8.53	8.45	8.61
		CS320703A	CCV	3	9.14	9.06	9.22
		CS320703A	CCV	4	9.37	9.29	9.45
		CS320703A	CCV	5	9.55	9.47	9.63
Aroclor 1242	GC21B-1454-30	CS420703A	CCV	1	8.12	8.05	8.21
		CS420703A	CCV	2	8.53	8.46	8.62
		CS420703A	CCV	3	9.14	9.07	9.23
		CS420703A	CCV	4	9.37	9.30	9.46
		CS420703A	CCV	5	9.55	9.48	9.64

* ICV = Initial Calibration Verification
CCV = Continuing Calibration Verification

13

QC SAMPLE RAW DATA

14

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name:	NEA - A Division of PACE	SDG No:	11070001
ELAP ID No:	11078	LRF ID:	PBLK-31
Matrix:	Wipe	Client ID:	METHOD BLANK
Sample wt(Dry)/vol:	N/A	Lab Sample ID:	AO10736B
Percent Moisture:	N/A	Lab File ID:	GC21F-1519-15
Extraction:	Soxhlet Method (3540C)	Date Received:	
Conc. Extract Volume:	5000 uL	Date Extracted:	07/01/2011
Injection Volume:	1.0 uL	Date Analyzed:	07/04/2011
Method:	SW-846 8082 (PCB)	Dilution Factor:	1
GC Column:	Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm	Sulfur Cleanup:	YES

CAS NO	COMPOUND NAME	CONCENTRATION UG/WIPE	Q
12674-11-2	Aroclor 1016	0.100	U
11104-28-2	Aroclor 1221	0.100	U
11141-16-5	Aroclor 1232	0.100	U
53469-21-9	Aroclor 1242	0.100	U
12672-29-6	Aroclor 1248	0.100	U
11097-69-1	Aroclor 1254	0.100	U
11096-82-5	Aroclor 1260	0.100	U
37324-23-5	Aroclor 1262	0.100	U
11100-14-4	Aroclor 1268	0.100	U

Laboratory Qualifiers:
U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.

14

FORM I-CLP-PCB (NEA)

Print Date: 7/22/2011
Lims Version : 5.0.5.8

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name:	NEA - A Division of PACE	SDG No:	11070001
ELAP ID No:	11078	LRF ID:	PBLK-31
Matrix:	Wipe	Client ID:	METHOD BLANK
Sample wt(Dry)/vol:	N/A	Lab Sample ID:	AO10736B
Percent Moisture:	N/A	Lab File ID:	GC21B-1454-15
Extraction:	Soxhlet Method (3540C)	Date Received:	
Conc. Extract Volume:	5000 uL	Date Extracted:	07/01/2011
Injection Volume:	1.0 uL	Date Analyzed:	07/04/2011
Method:	SW-846 8082 (PCB)	Dilution Factor:	1
GC Column:	Phenomenex, Zebron ZB-5, 30 m, 0.25 mm ID, 0.25 µm	Sulfur Cleanup:	YES

CAS NO	COMPOUND NAME	CONCENTRATION UG/WIPE	Q
12674-11-2	Aroclor 1016	0.100	U
11104-28-2	Aroclor 1221	0.100	U
11141-16-5	Aroclor 1232	0.100	U
53469-21-9	Aroclor 1242	0.100	U
12672-29-6	Aroclor 1248	0.100	U
11097-69-1	Aroclor 1254	0.100	U
11096-82-5	Aroclor 1260	0.100	U
37324-23-5	Aroclor 1262	0.100	U
11100-14-4	Aroclor 1268	0.100	U

Laboratory Qualifiers:
U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.

14

FORM I-CLP-PCB (NEA)

Print Date: 7/22/2011
Lims Version : 5.0.5.8

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name:	NEA - A Division of PACE	SDG No:	11070001
ELAP ID No:	11078	LRF ID:	LCS-31
Matrix:	Wipe	Client ID:	LAB CONTROL SPIKE
Sample wt(Dry)/vol:	N/A	Lab Sample ID:	AO10736L
Percent Moisture:	N/A	Lab File ID:	GC21F-1519-16
Extraction:	Soxhlet Method (3540C)	Date Received:	
Conc. Extract Volume:	5000 uL	Date Extracted:	07/01/2011
Injection Volume:	1.0 uL	Date Analyzed:	07/04/2011
Method:	SW-846 8082 (PCB)	Dilution Factor:	1
GC Column:	Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm	Sulfur Cleanup:	YES

CAS NO	COMPOUND NAME	CONCENTRATION UG/WIPE	Q
12674-11-2	Aroclor 1016	0.100	U
11104-28-2	Aroclor 1221	0.100	U
11141-16-5	Aroclor 1232	0.100	U
53469-21-9	Aroclor 1242	0.100	U
12672-29-6	Aroclor 1248	0.100	U
11097-69-1	Aroclor 1254	1.31	
11096-82-5	Aroclor 1260	0.100	U
37324-23-5	Aroclor 1262	0.100	U
11100-14-4	Aroclor 1268	0.100	U

Laboratory Qualifiers:
U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.

14

FORM I-CLP-PCB (NEA)

Print Date: 7/22/2011
Lims Version : 5.0.5.8

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name:	NEA - A Division of PACE	SDG No:	11070001
ELAP ID No:	11078	LRF ID:	LCS-31
Matrix:	Wipe	Client ID:	LAB CONTROL SPIKE
Sample wt(Dry)/vol:	N/A	Lab Sample ID:	AO10736L
Percent Moisture:	N/A	Lab File ID:	GC21B-1454-16
Extraction:	Soxhlet Method (3540C)	Date Received:	
Conc. Extract Volume:	5000 uL	Date Extracted:	07/01/2011
Injection Volume:	1.0 uL	Date Analyzed:	07/04/2011
Method:	SW-846 8082 (PCB)	Dilution Factor:	1
GC Column:	Phenomenex, Zebron ZB-5, 30 m, 0.25 mm ID, 0.25 µm	Sulfur Cleanup:	YES

CAS NO	COMPOUND NAME	CONCENTRATION UG/WIPE	Q
12674-11-2	Aroclor 1016	0.100	U
11104-28-2	Aroclor 1221	0.100	U
11141-16-5	Aroclor 1232	0.100	U
53469-21-9	Aroclor 1242	0.100	U
12672-29-6	Aroclor 1248	0.100	U
11097-69-1	Aroclor 1254	1.31	
11096-82-5	Aroclor 1260	0.100	U
37324-23-5	Aroclor 1262	0.100	U
11100-14-4	Aroclor 1268	0.100	U

Laboratory Qualifiers:
U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.

14

FORM I-CLP-PCB (NEA)

Print Date: 7/22/2011
Lims Version : 5.0.5.8

10-B
PCB Identification Summary

Laboratory Name:	NEA - A Division of PACE	SDG No:	11070001
ELAP ID No:	11078	Client ID:	LCS-31(LAB CONTROL SPIKE)
LRF Sample ID:	LCS-31	Lab Sample ID:	AO10736L
Instrument 1 ID:	GC21F	Instrument 2 ID:	GC21B
Date Analyzed:	07/04/2011 2:09:40 AM	Date Analyzed:	07/04/2011 2:09:44 AM
GC Column 1:	Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm	GC Column 2:	Phenomenex, Zebron ZB-5, 30 m, 0.25 mm ID, 0.25 µm
Lab File ID 1:	GC21F-1519-16	Lab File ID 2:	GC21B-1454-16
Matrix:	Wipe		

Analyte	Column	Peak	RT (min)	RT Window		Concentration (ug/Wipe)	RPD (%)	*
				From	To			
Aroclor 1016	1	1	NA	7.46	7.62			
		2	NA	7.84	8.00			
		3	NA	8.46	8.62			
		4	NA	8.67	8.83			
		5	NA	8.80	8.96			
	2	1	NA	8.05	8.21			
		2	NA	8.46	8.62			
		3	NA	9.07	9.23			
		4	NA	9.30	9.46			
		5	NA	9.48	9.64			
Aroclor 1221	1	1	NA	4.45	4.61			
		2	NA	5.69	5.85			
		3	NA	6.25	6.41			
		4	NA	6.44	6.60			
		5	NA	6.56	6.72			
	2	1	NA	5.24	5.40			
		2	NA	6.39	6.55			
		3	NA	6.86	7.02			
		4	NA	7.07	7.23			
		5	NA	7.19	7.35			
Aroclor 1232	1	1	NA	6.56	6.72			
		2	NA	7.83	7.99			
		3	NA	8.45	8.61			
		4	NA	8.66	8.82			
		5	NA	8.80	8.96			
	2	1	NA	7.19	7.35			
		2	NA	8.45	8.61			
		3	NA	9.06	9.22			
		4	NA	9.29	9.45			
		5	NA	9.47	9.63			
Aroclor 1242	1	1	NA	7.46	7.62			
		2	NA	7.84	8.00			
		3	NA	8.46	8.62			
		4	NA	8.67	8.83			
		5	NA	8.80	8.96			
	2	1	NA	8.05	8.21			
		2	NA	8.46	8.62			
		3	NA	9.07	9.23			
		4	NA	9.30	9.46			
		5	NA	9.48	9.64			

Relative Percent Difference Limit = 40.0%

FORM 10-CLP-PCB(NEA-PACE)

Print Date: 7/22/2011
Lims Version : 5.0.5.8

10-B
PCB Identification Summary

Laboratory Name:	NEA - A Division of PACE	SDG No:	11070001
ELAP ID No:	11078	Client ID:	LCS-31(LAB CONTROL SPIKE)
LRF Sample ID:	LCS-31	Lab Sample ID:	AO10736L
Instrument 1 ID:	GC21F	Instrument 2 ID:	GC21B
Date Analyzed:	07/04/2011 2:09:40 AM	Date Analyzed:	07/04/2011 2:09:44 AM
GC Column 1:	Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm	GC Column 2:	Phenomenex, Zebron ZB-5, 30 m, 0.25 mm ID, 0.25 µm
Lab File ID 1:	GC21F-1519-16	Lab File ID 2:	GC21B-1454-16
Matrix:	Wipe		

Analyte	Column	Peak	RT (min)	RT Window From	RT Window To	Concentration (ug/Wipe)	RPD (%)	*
Aroclor 1248	1	1	NA	9.37	9.53			
		2	NA	10.02	10.18			
		3	NA	10.65	10.81			
		4	NA	10.81	10.97			
		5	NA	11.21	11.37			
	2	1	NA	9.99	10.15			
		2	NA	10.73	10.89			
		3	NA	11.34	11.50			
		4	NA	11.54	11.70			
		5	NA	12.01	12.17			
Aroclor 1254	1	1	11.60	11.52	11.68			
		2	12.25	12.17	12.33			
		3	12.53	12.45	12.61			
		4	14.00	13.91	14.07			
		5	14.81	14.73	14.89	1.31		
	2	1	12.27	12.20	12.36			
		2	13.05	12.97	13.13			
		3	13.34	13.26	13.42			
		4	14.82	14.74	14.90			
		5	15.69	15.61	15.77	1.31	0.00	
Aroclor 1260	1	1	14.81	14.73	14.89			
		2	NA	16.94	17.10			
		3	NA	17.80	17.96			
		4	NA	18.54	18.70			
		5	NA	20.66	20.82			
	2	1	15.69	15.60	15.76			
		2	NA	17.87	18.03			
		3	NA	19.06	19.22			
		4	NA	19.70	19.86			
		5	NA	22.33	22.49			
Aroclor 1262	1	1	14.81	14.73	14.89			
		2	NA	16.94	17.10			
		3	NA	17.80	17.96			
		4	NA	18.55	18.71			
		5	NA	20.67	20.83			
	2	1	15.69	15.61	15.77			
		2	NA	17.88	18.04			
		3	NA	19.06	19.22			
		4	NA	19.70	19.86			
		5	NA	22.33	22.49			

Relative Percent Difference Limit = 40.0%

FORM 10-CLP-PCB(NEA-PACE)

Print Date: 7/22/2011
Lims Version : 5.0.5.8

10-B
PCB Identification Summary

Laboratory Name:	NEA - A Division of PACE	SDG No:	11070001
ELAP ID No:	11078	Client ID:	LCS-31(LAB CONTROL SPIKE)
LRF Sample ID:	LCS-31	Lab Sample ID:	AO10736L
Instrument 1 ID:	GC21F	Instrument 2 ID:	GC21B
Date Analyzed:	07/04/2011 2:09:40 AM	Date Analyzed:	07/04/2011 2:09:44 AM
GC Column 1:	Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm	GC Column 2:	Phenomenex, Zebron ZB-5, 30 m, 0.25 mm ID, 0.25 µm
Lab File ID 1:	GC21F-1519-16	Lab File ID 2:	GC21B-1454-16
Matrix:	Wipe		

Analyte	Column	Peak	RT (min)	RT Window		Concentration (ug/Wipe)	RPD (%)	*
				From	To			
Aroclor 1268	1	1	NA	18.55	18.71			
		2	NA	20.66	20.82			
		3	NA	18.33	18.49			
		4	NA	19.80	19.96			
		5	NA	20.15	20.31			
	2	1	NA	19.69	19.85			
		2	NA	22.33	22.49			
		3	NA	19.45	19.61			
		4	NA	21.12	21.28			
		5	NA	21.56	21.72			

14

Relative Percent Difference Limit = 40.0%

FORM 10-CLP-PCB(NEA-PACE)

Print Date: 7/22/2011
Lims Version : 5.0.5.8

CERTIFICATES OF ANALYSIS (PCB)

15

Analytical Sample Results

NEA Job Number: 11070001

NEA Laboratory, Division of Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: TRC ENVIRONMENTAL
Project: 115058 NBHS PCB SAMPLING
Client Sample ID: PLY-WIPE-114
Lab Sample ID: 11070001-02 (AO10748)

Collection Date: 06/30/2011 14:14
Sample Matrix: WIPE
Received Date: 07/01/2011 09:14
Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC21F-1519-22	SW-846 8082 (PCB)	07/04/2011 05:26	JES	NA	NA	Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm
Prep 1:	14399	EPA 3540C	07/01/2011 14:45	JWO	2 Wipe(s)	5.00 mL	NA

Analyte	CAS No.	Result (ug/Wipe)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.100	1.00	U	GC21F-1519-22
Aroclor 1221	11104-28-2	ND	0.100	1.00	U	GC21F-1519-22
Aroclor 1232	11141-16-5	ND	0.100	1.00	U	GC21F-1519-22
Aroclor 1242	53469-21-9	ND	0.100	1.00	U	GC21F-1519-22
Aroclor 1248	12672-29-6	ND	0.100	1.00	U	GC21F-1519-22
Aroclor 1254	11097-69-1	ND	0.100	1.00	U	GC21F-1519-22
Aroclor 1260	11096-82-5	ND	0.100	1.00	U	GC21F-1519-22
Aroclor 1262	37324-23-5	ND	0.100	1.00	U	GC21F-1519-22
Aroclor 1268	11100-14-4	ND	0.100	1.00	U	GC21F-1519-22
Total PCB's	1336-36-3	ND		1.00	U	GC21F-1519-22

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Tetrachloro-meta-xylene	877-09-8	94.8	60.0-140		GC21F-1519-22
Decachlorobiphenyl	2051-24-3	106	60.0-140		GC21F-1519-22
Tetrachloro-meta-xylene	877-09-8	96.3	60.0-140		GC21B-1454-22
Decachlorobiphenyl	2051-24-3	109	60.0-140		GC21B-1454-22

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

15

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2190 Technology Drive | Schenectady, NY 12308 | Phone 518.346.4592 | Fax 518.381.6055 | www.pacelabs.com | Email: information@nealab.com

Analytical Sample Results

NEA Job Number: 11070001

NEA Laboratory, Division of Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: TRC ENVIRONMENTAL
Project: 115058 NBHS PCB SAMPLING
Client Sample ID: PLY-WIPE-117
Lab Sample ID: 11070001-05 (AO10751)

Collection Date: 06/30/2011 14:17
Sample Matrix: WIPE
Received Date: 07/01/2011 09:14
Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC21F-1519-23	SW-846 8082 (PCB)	07/04/2011 05:59	JES	NA	NA	Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm
Prep 1:	14399	EPA 3540C	07/01/2011 14:45	JWO	2 Wipe(s)	5.00 mL	NA

Analyte	CAS No.	Result (ug/Wipe)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.100	1.00	U	GC21F-1519-23
Aroclor 1221	11104-28-2	ND	0.100	1.00	U	GC21F-1519-23
Aroclor 1232	11141-16-5	ND	0.100	1.00	U	GC21F-1519-23
Aroclor 1242	53469-21-9	ND	0.100	1.00	U	GC21F-1519-23
Aroclor 1248	12672-29-6	ND	0.100	1.00	U	GC21F-1519-23
Aroclor 1254	11097-69-1	ND	0.100	1.00	U	GC21F-1519-23
Aroclor 1260	11096-82-5	ND	0.100	1.00	U	GC21F-1519-23
Aroclor 1262	37324-23-5	ND	0.100	1.00	U	GC21F-1519-23
Aroclor 1268	11100-14-4	ND	0.100	1.00	U	GC21F-1519-23
Total PCB's	1336-36-3	ND		1.00	U	GC21F-1519-23

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Tetrachloro-meta-xylene	877-09-8	104	60.0-140		GC21F-1519-23
Decachlorobiphenyl	2051-24-3	117	60.0-140		GC21F-1519-23
Tetrachloro-meta-xylene	877-09-8	98.4	60.0-140		GC21B-1454-23
Decachlorobiphenyl	2051-24-3	109	60.0-140		GC21B-1454-23

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

15

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Analytical Sample Results

NEA Job Number: 11070001

NEA Laboratory, Division of Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: TRC ENVIRONMENTAL
Project: 115058 NBHS PCB SAMPLING
Client Sample ID: PLY-WIPE-121
Lab Sample ID: 11070001-09 (AO10755)

Collection Date: 06/30/2011 14:21
Sample Matrix: WIPE
Received Date: 07/01/2011 09:14
Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC21F-1519-24	SW-846 8082 (PCB)	07/04/2011 06:32	JES	NA	NA	Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm
Prep 1:	14399	EPA 3540C	07/01/2011 14:45	JWO	2 Wipe(s)	5.00 mL	NA

Analyte	CAS No.	Result (ug/Wipe)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.100	1.00	U	GC21F-1519-24
Aroclor 1221	11104-28-2	ND	0.100	1.00	U	GC21F-1519-24
Aroclor 1232	11141-16-5	ND	0.100	1.00	U	GC21F-1519-24
Aroclor 1242	53469-21-9	ND	0.100	1.00	U	GC21F-1519-24
Aroclor 1248	12672-29-6	ND	0.100	1.00	U	GC21F-1519-24
Aroclor 1254	11097-69-1	ND	0.100	1.00	U	GC21F-1519-24
Aroclor 1260	11096-82-5	ND	0.100	1.00	U	GC21F-1519-24
Aroclor 1262	37324-23-5	ND	0.100	1.00	U	GC21F-1519-24
Aroclor 1268	11100-14-4	ND	0.100	1.00	U	GC21F-1519-24
Total PCB's	1336-36-3	ND		1.00	U	GC21F-1519-24

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Tetrachloro-meta-xylene	877-09-8	99.0	60.0-140		GC21F-1519-24
Decachlorobiphenyl	2051-24-3	109	60.0-140		GC21F-1519-24
Tetrachloro-meta-xylene	877-09-8	96.6	60.0-140		GC21B-1454-24
Decachlorobiphenyl	2051-24-3	108	60.0-140		GC21B-1454-24

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

15

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Analytical Sample Results

NEA Job Number: 11070001

NEA Laboratory, Division of Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: TRC ENVIRONMENTAL
Project: 115058 NBHS PCB SAMPLING
Client Sample ID: PLY-WIPE-122
Lab Sample ID: 11070001-10 (AO10756)

Collection Date: 06/30/2011 14:22
Sample Matrix: WIPE
Received Date: 07/01/2011 09:14
Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC21F-1519-25	SW-846 8082 (PCB)	07/04/2011 07:05	JES	NA	NA	Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm
Prep 1:	14399	EPA 3540C	07/01/2011 14:45	JWO	2 Wipe(s)	5.00 mL	NA

Analyte	CAS No.	Result (ug/Wipe)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.100	1.00	U	GC21F-1519-25
Aroclor 1221	11104-28-2	ND	0.100	1.00	U	GC21F-1519-25
Aroclor 1232	11141-16-5	ND	0.100	1.00	U	GC21F-1519-25
Aroclor 1242	53469-21-9	ND	0.100	1.00	U	GC21F-1519-25
Aroclor 1248	12672-29-6	ND	0.100	1.00	U	GC21F-1519-25
Aroclor 1254	11097-69-1	ND	0.100	1.00	U	GC21F-1519-25
Aroclor 1260	11096-82-5	ND	0.100	1.00	U	GC21F-1519-25
Aroclor 1262	37324-23-5	ND	0.100	1.00	U	GC21F-1519-25
Aroclor 1268	11100-14-4	ND	0.100	1.00	U	GC21F-1519-25
Total PCB's	1336-36-3	ND		1.00	U	GC21F-1519-25

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Tetrachloro-meta-xylene	877-09-8	93.7	60.0-140		GC21F-1519-25
Decachlorobiphenyl	2051-24-3	111	60.0-140		GC21F-1519-25
Tetrachloro-meta-xylene	877-09-8	91.7	60.0-140		GC21B-1454-25
Decachlorobiphenyl	2051-24-3	111	60.0-140		GC21B-1454-25

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

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Date: July 20, 2011-L

NEA PACE Analytical e-Report

Report prepared for:
TRC ENVIRONMENTAL
WANNALANCIT MILLS
650 SUFFOLK ST
LOWELL, MA 01854
CONTACT: DAVID SULLIVAN

Project ID: 115058 NBHS PCB SAMPLING
Sampling Date(s): June 30, 2011
NEA Report ID: 11070002_Rev01
Client Service Contact: William Kotas (518) 346-4592 ext. 17

Analysis Included:
PCB Analysis

Test results meet all National Environmental Laboratory Accreditation Conference (NELAC) requirements unless noted in the case narrative. The results contained within this document relate only to the samples included in this report.This report shall not be reproduced, except in full, without the written consent of NEA - A Division of Pace Analytical Services, Inc.

Robert E. Wagner
Laboratory Director

Certifications: NYS (EPA: NY00906, ELAP: 11078), NJ (NY026), CT (PH-0337), MA(M-NY906), NC (668)

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Table of Contents

Section 1: CASE NARRATIVE 4

Section 2: SAMPLE CHAIN OF CUSTODY 6

Section 3: INTERNAL SAMPLE TRACKING RECORD 8

Section 4: SURROGATE % RECOVERY SUMMARY 11

Section 5: LABORATORY CONTROL SPIKE SUMMARY 13

Section 6: METHOD BLANK SUMMARY 16

Section 7: SAMPLE ANALYSIS DATA 19

Section 8: ANALYTICAL SEQUENCE (GC21F) 23

Section 9: INITIAL CALIBRATION DATA (GC21F) 27

Section 10: INITIAL/CONTINUING CALIBRATION DATA (GC21F) 30

Section 11: ANALYTICAL SEQUENCE (GC21B) 35

Section 12: INITIAL CALIBRATION DATA (GC21B) 39

Section 13: INITIAL/CONTINUING CALIBRATION DATA (GC21B) 42

Section 14: QC SAMPLE RAW DATA 47

Section 15: CERTIFICATES OF ANALYSIS (PCB) 55

CASE NARRATIVE

September 20, 2011

REVISED CASE NARRATIVE

This data package (SDG ID: 11070002) consists of 3 wipe samples received on 07/01/2011. The samples are from Project Name: 115058 NBHS PCB SAMPLING.

Revised Data Summary Package

The following correction has been made to the original data package submitted for this sample delivery group:

(1.) The Extraction Log and Screen Sheet have been replaced. The sample amount and wet weight has been changed.

This sample delivery group consists of the following samples:

Lab Sample ID	Client ID	Collection Date
AO10759*	PLY-WIPE-125	06/30/2011 14:25
AO10760*	PLY-WIPE-126	06/30/2011 14:26
AO10761*	PLY-WIPE-127	06/30/2011 14:27
AO10762*	PLY-WIPE-128	06/30/2011 14:28
AO10763	PLY-WIPE-129	06/30/2011 14:29
AO10764*	PLY-WIPE-130	06/30/2011 14:30
AO10765	PLY-WIPE-131	06/30/2011 14:31
AO10766*	PLY-WIPE-132	06/30/2011 14:32
AO10767*	PLY-WIPE-133	06/30/2011 14:33
AO10768	PLY-WIPE-134	06/30/2011 14:34
AO10769*	PLY-WIPE-135	06/30/2011 14:35
AO10770*	PLY-WIPE-136	06/30/2011 14:36

*Indicates samples placed on HOLD per client request

Sample Delivery and Receipt Conditions

(1.) All samples were delivered to the laboratory via FEDEX delivery service on 07/01/2011.

(2.) All samples were received at the laboratory intact and within holding times.

(3.) The following cooler temperature was recorded at sample receipt (Control limits are between 0-6 Degrees Celsius): 1.7 degrees Celsius. Please see Chain of Custody for details.

PCB Aroclor Analysis

Analysis for PCB Aroclors was performed by EPA Method 8082 dual column GC analysis. Samples were extracted by Soxhlet Extraction Method (EPA - Method 3540C). The following technical and administrative items were noted for the analysis:

(1.) All quality assurance parameters were met for the analysis.

Qualifier Summary

(1.) B-Denotes analyte observed in associated method blank or extraction blank at a concentration exceeding the MDL.
(2.) J-Denotes concentration result greater than the MDL but less than the RL.
(3.) U-Denotes analyte not observed at a concentration greater than the MDL.

Respectfully submitted,

William A. Kotas
Client Services Manager

S:\Lims Data\1107\11070002\Package\CN_11070002_Rev01.doc

SAMPLE CHAIN OF CUSTODY

Pace Analytical®
www.pacelabs.com

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

<11070002P1>

110700021

Page: of

1466636

Section A Required Client Information:

Company: TRC
Address: 650 SUFFOLK ST
LOWELL, MA 01854
Email To: DSULLIVAN@TRCSOLUTIONS.COM
Phone: 978-656-3665 Fax:
Requested Due Date/TAT: 24 HR

Section B Required Project Information:

Report To: DAVE SULLIVAN
Copy To: JOHN MULCHAY
MALCOLM BEELER, AECOM
Purchase Order No.:
Project Name: NBHS
Project Number: 115058 1820 3

Section C Invoice Information:

Attention:
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager:
Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☒ OTHER EPA

Site Location STATE: MA

Section D Required Client Information

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

PLY

Matrix Codes MATRIX / CODE

Drinking Water	DW
Water	WT
Waste Water	WW
Product	P
Soil/Solid	SL
Oil	OL
Wipe	WP
Air	AR
Tissue	TS
Other	OT

Requested Analysis Filtered (Y/N): N

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED Composite Start DATE	Composite Start TIME	Composite End/Grab DATE	Composite End/Grab TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other HEXANE	Analysis Test: PCB	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	~~FBE~~-WIPE-125	WP	G			6/30	1425		1								X	X		A010759
2	-126						1426		1								X	X		A010760
3	-127						1427		1								X	X		A010761
4	-128						1428		1								X	X		A010762
5	-129						1429		1								X	X		A010763
6	-130						1430		1								X	X		A010764
7	-131						1431		1								X	X		A010765
8	-132						1432		1								X	X		A010766
9	-133						1433		1								X	X		A010767
10	-134						1434		1								X	X		A010768
11	-135						1435		1								X	X		A010769
12	-136						1436		1								X	X		A010770

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	[signature]	6/30/11	1900	FedEx			1.7	Y	Y	Y
	FedEx			KNaughtonPACE	7/1/11	09:14				

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: JOHN MULCHAY

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 06/30/11

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-May-2007

INTERNAL SAMPLE TRACKING RECORD

PCB EXTRACTION LOG

Prep Date: 07/01/11 **Batch ID: 14399**

Initial for required Clean Up Steps

	Prep ID	LAB Sample ID	Alt Sample ID	Matrix	pH	Analysis Required	Extract Type / Unit	Percent Total Solids	Sample Amount (g or mL)	Extract Time On - 1	Extract Time Off - 1	Extract Time On - 2	Extract Time Off - 2	Date Acid Cleaned (MM/DD)	Date TBA Cleaned (MM/DD)	Date Florisil Shake (MM/DD)	Date Hg Shake (MM/DD)	Final Ext. Vol (mL)	Date Conc (MM/DD)	Comments
														TJH		TJH	TJH			
1	138335	PBLK-31	AO10736B	Wipe		E PCB S	SOX	N/A	1.000	15:15	07:15	NA	NA	07/02	NA	07/02	07/02	5	07/02	Lot:I00208
2	138334	LCS-31	AO10736L	Wipe		E PCB S	SOX	N/A	1.000	15:15	07:15	NA	NA	07/02	NA	07/02	07/02	5	07/02	Lot:I00208
3	138323	11070000-02	AO10736	Wipe		E PCB S	SOX	100	1.000	15:15	07:15	NA	NA	07/02	NA	07/02	07/02	5	07/02	Lot: I00208(11070029)
4	138324	11070000-06	AO10740	Wipe		E PCB S	SOX	100	1.000	15:15	07:15	NA	NA	07/02	NA	07/02	07/02	5	07/02	Lot: I00208(11070029)
5	138325	11070000-08	AO10742	Wipe		E PCB S	SOX	100	1.000	15:15	07:15	NA	NA	07/02	NA	07/02	07/02	5	07/02	Lot: I00208(11070029)
6	138326	11070000-10	AO10744	Wipe		E PCB S	SOX	100	1.000	15:15	07:15	NA	NA	07/02	NA	07/02	07/02	5	07/02	Lot: I00208(11070029)
7	138327	11070001-02	AO10748	Wipe		E PCB S	SOX	100	1.000	15:15	07:15	NA	NA	07/02	NA	07/02	07/02	5	07/02	Lot: I00208(11070029)
8	138328	11070001-05	AO10751	Wipe		E PCB S	SOX	100	1.000	15:15	07:15	NA	NA	07/02	NA	07/02	07/02	5	07/02	Lot: I00208(11070029)
9	138329	11070001-09	AO10755	Wipe		E PCB S	SOX	100	1.000	15:15	07:15	NA	NA	07/02	NA	07/02	07/02	5	07/02	Lot: I00208(11070029)
10	138330	11070001-10	AO10756	Wipe		E PCB S	SOX	100	1.000	15:15	07:15	NA	NA	07/02	NA	07/02	07/02	5	07/02	Lot: I00208(11070029)
11	138331	11070002-05	AO10763	Wipe		E PCB S	SOX	100	1.000	15:15	07:15	NA	NA	07/02	NA	07/02	07/02	5	07/02	Lot: I00208(11070029)
12	138332	11070002-07	AO10765	Wipe		E PCB S	SOX	100	1.000	15:15	07:15	NA	NA	07/02	NA	07/02	07/02	5	07/02	Lot: I00208(11070029)
13	138333	11070002-10	AO10768	Wipe		E PCB S	SOX	100	1.000	15:15	07:15	NA	NA	07/02	NA	07/02	07/02	5	07/02	Lot: I00208(11070029)

Solvent, Surrogate, Spike, and Acid Information

Item	Lot Number	Amount (uL)	Conc (ug/mL)	B	L	LD	S	D	M	K
Sulfuric Acid (Main Lab)	E49039	NA	NA	p	p	¨	p	¨	¨	¨
Mercury	062210	NA		p	p	¨	p	¨	¨	¨
Aroclor 1254 @ 12.5PPM SPIKE	021411B030P019B	200	12.5	¨	p	¨	¨	¨	¨	¨
Thimbles (Cellulose)	N08433x80MM	NA		p	p	¨	p	¨	¨	¨
0.50ppm TCMX/ 5.0ppm DCBP in Hexan	061911B030P148A1-10	100	0.5/5.0	p	p	¨	p	¨	¨	¨
Hexane (Dewar)	DE148	NA		p	p	¨	p	¨	¨	¨
10% Florisil MAIN LAB	062511MLB2P63A	NA		p	p	¨	p	¨	¨	¨

Analyst Review: Jillian L Grygas
Jill Grygas

Peer Review: Craig Petrask
Craig Petrask

Print Date: 9/20/2011
Lims Version : 5.0.6.1
_EXT - LOGBOOK_GC-SV; Rev 02; 1.18.2010; EXTRACTION

PCB SCREEN SHEET

LRF: 11070002 **Batch ID:14399**

NEA Sample ID	File ID	Matrix	Prep Date	Wet Weight (g or mL)	Percent Solids	Dry Weight (g or mL)	Set Volume (mL)	Screen Dilution	Screen Result	Bench Dilution	Dilution Sequence	Final Multiplier	Dilution Analyst
AO10736B	GC21B-1454-15	Wipe	**07/01/11**	1.000	N/A	NA	5	NA	NA	1	NA	5x	Tom Herold
	GC21F-1519-15	Wipe	**07/01/11**	1.000	N/A	NA	5	NA	NA	1	NA	5x	Tom Herold
AO10736L	GC21B-1454-16	Wipe	**07/01/11**	1.000	N/A	NA	5	NA	NA	1	NA	5x	Tom Herold
	GC21F-1519-16	Wipe	**07/01/11**	1.000	N/A	NA	5	NA	NA	1	NA	5x	Tom Herold
AO10736	GC21B-1454-17	Wipe	**07/01/11**	1.000	100	NA	5	NA	NA	1	NA	5x	Tom Herold
	GC21F-1519-17	Wipe	**07/01/11**	1.000	100	NA	5	NA	NA	1	NA	5x	Tom Herold
AO10740	GC21B-1454-18	Wipe	**07/01/11**	1.000	100	NA	5	NA	NA	1	NA	5x	Tom Herold
	GC21F-1519-18	Wipe	**07/01/11**	1.000	100	NA	5	NA	NA	1	NA	5x	Tom Herold
AO10742	GC21B-1454-19	Wipe	**07/01/11**	1.000	100	NA	5	NA	NA	1	NA	5x	Tom Herold
	GC21F-1519-19	Wipe	**07/01/11**	1.000	100	NA	5	NA	NA	1	NA	5x	Tom Herold
AO10744	GC21B-1454-21	Wipe	**07/01/11**	1.000	100	NA	5	NA	NA	1	NA	5x	Tom Herold
	GC21F-1519-21	Wipe	**07/01/11**	1.000	100	NA	5	NA	NA	1	NA	5x	Tom Herold
AO10748	GC21B-1454-22	Wipe	**07/01/11**	1.000	100	NA	5	NA	NA	1	NA	5x	Tom Herold
	GC21F-1519-22	Wipe	**07/01/11**	1.000	100	NA	5	NA	NA	1	NA	5x	Tom Herold
AO10751	GC21B-1454-23	Wipe	**07/01/11**	1.000	100	NA	5	NA	NA	1	NA	5x	Tom Herold
	GC21F-1519-23	Wipe	**07/01/11**	1.000	100	NA	5	NA	NA	1	NA	5x	Tom Herold
AO10755	GC21B-1454-24	Wipe	**07/01/11**	1.000	100	NA	5	NA	NA	1	NA	5x	Tom Herold
	GC21F-1519-24	Wipe	**07/01/11**	1.000	100	NA	5	NA	NA	1	NA	5x	Tom Herold
AO10756	GC21B-1454-25	Wipe	**07/01/11**	1.000	100	NA	5	NA	NA	1	NA	5x	Tom Herold
	GC21F-1519-25	Wipe	**07/01/11**	1.000	100	NA	5	NA	NA	1	NA	5x	Tom Herold
AO10763	GC21B-1454-26	Wipe	**07/01/11**	1.000	100	NA	5	NA	NA	1	NA	5x	Tom Herold
	GC21F-1519-26	Wipe	**07/01/11**	1.000	100	NA	5	NA	NA	1	NA	5x	Tom Herold
AO10765	GC21B-1454-27	Wipe	**07/01/11**	1.000	100	NA	5	NA	NA	1	NA	5x	Tom Herold
	GC21F-1519-27	Wipe	**07/01/11**	1.000	100	NA	5	NA	NA	1	NA	5x	Tom Herold
AO10768	GC21B-1454-28	Wipe	**07/01/11**	1.000	100	NA	5	NA	NA	1	NA	5x	Tom Herold
	GC21F-1519-28	Wipe	**07/01/11**	1.000	100	NA	5	NA	NA	1	NA	5x	Tom Herold

COMMENTS: _____

SURROGATE % RECOVERY SUMMARY

4

2F-1
PCB SURROGATE RECOVERY

Laboratory Name: NEA - A Division of PACE SDG: 11070002

ELAP ID No: 11078

GC Column (1): Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm

GC Column (2): Phenomenex, Zebron ZB-5, 30 m, 0.25 mm ID, 0.25 µm

LRF ID	LAB SAMPLE ID	LAB FILE ID	SURR 1 (Col 1) % REC #	SURR 2 (Col 1) % REC #	SURR 1 (Col 2) % REC #	SURR 2 (Col 2) % REC #	OTHER (1)	OTHER (2)	TOTAL OUT
PBLK-31	AO10736B	GC21F-1519-15	95.2	101					0
PBLK-31	AO10736B	GC21B-1454-15			93.3	106			0
LCS-31	AO10736L	GC21F-1519-16	101	111					0
LCS-31	AO10736L	GC21B-1454-16			95.0	107			0
11070002-05	AO10763	GC21F-1519-26	96.1	111					0
11070002-05	AO10763	GC21B-1454-26			92.9	109			0
11070002-07	AO10765	GC21F-1519-27	97.9	112					0
11070002-07	AO10765	GC21B-1454-27			96.1	112			0
11070002-10	AO10768	GC21F-1519-28	96.1	107					0
11070002-10	AO10768	GC21B-1454-28			97.9	112			0

4

Column to be used to flag recovery values
* Values outside of QC limits
D Surrogate diluted out

	Advisory QC Limits.
SURR1 = TETRACHLORO-META-XYLENE	(60.0-140)
SURR2 = DECACHLOROBIPHENYL	(60.0-140)

Form II-CLP-PCB(NEA-PACE)

Print Date: 7/22/2011
Lims Version : 5.0.5.8

LABORATORY CONTROL SPIKE SUMMARY

5

3F-2
LABORATORY CONTROL SPIKE (LCS) RECOVERY

Laboratory Name: NEA - A Division of PACE

ELAP ID No: 11078

SDG No: 11070002

LCS Lab ID: LCS-31

Blank Sample ID: PBLK-31

LCS File ID: GC21F-1519-16

Method Blank File ID: GC21F-1519-15

LCS Inj Date: 07/04/2011 02:09:40

Method Blank Inj Date: 07/04/2011 01:36:51

LCS ID: AO10736L

Method Blank ID: AO10736B

LCS Matrix: Wipe

Method Blank Matrix: Wipe

COMPOUND	SPIKE ADDED (ug/Wipe)	LCS CONCENTRATION (ug/Wipe)	LCS PERCENT RECOVERY #	QC LIMITS[1] PERCENT RECOVERY
Aroclor 1254	1.25	1.31	105	70.0-130

Column to be used to flag recovery values

[1]QC Limits based upon laboratory defaults.

* Values outside of QC limits

Spike Recovery: 0 out of 1 outside limits.

5

COMMENTS:

Form III-CLP-PCB (NEA-PAC

Lims Version : 5.0.5.8

3F-2
LABORATORY CONTROL SPIKE (LCS) RECOVERY

Laboratory Name: NEA - A Division of PACE

ELAP ID No: 11078

SDG No: 11070002

LCS Lab ID: LCS-31

Blank Sample ID: PBLK-31

LCS File ID: GC21B-1454-16

Method Blank File ID: GC21B-1454-15

LCS Inj Date: 07/04/2011 02:09:44

Method Blank Inj Date: 07/04/2011 01:36:55

LCS ID: AO10736L

Method Blank ID: AO10736B

LCS Matrix: Wipe

Method Blank Matrix: Wipe

COMPOUND	SPIKE ADDED (ug/Wipe)	LCS CONCENTRATION (ug/Wipe)	LCS PERCENT RECOVERY #	QC LIMITS[1] PERCENT RECOVERY
Aroclor 1254	1.25	1.31	104	70.0-130

Column to be used to flag recovery values

[1]QC Limits based upon laboratory defaults.

* Values outside of QC limits

Spike Recovery: 0 out of 1 outside limits.

5

COMMENTS:

Form III-CLP-PCB (NEA-PAC

Lims Version : 5.0.5.8

METHOD BLANK SUMMARY

6

4C-1
PCB METHOD BLANK SUMMARY

Laboratory Name:	NEA - A Division of PACE	SDG No:	11070002
ELAP ID No:	11078	Blank Sample ID:	PBLK-31
Matrix:	WIPE	Method Blank Nea ID No:	AO10736B
Instrument ID:	GC21F	Lab File ID:	GC21F-1519-15
Extraction Type:	Soxhlet Method (3540C)	Date Extracted:	07/01/2011
GC Column (1):	Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm	Date Analyzed:	07/04/2011
		Time Analyzed:	01:36:51

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES AND QC:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE / TIME ANALYZED
LCS-31(LAB CONTROL SPIKE)	AO10736L	GC21F-1519-16	07/04/2011 02:09:40
PLY-WIPE-129	AO10763	GC21F-1519-26	07/04/2011 07:37:52
PLY-WIPE-131	AO10765	GC21F-1519-27	07/04/2011 08:10:42
PLY-WIPE-134	AO10768	GC21F-1519-28	07/04/2011 08:43:30

6

FORM IV-CLP-PCB(NEA-PACE

Print date: 7/22/2011
Lims Version : 5.0.5.8

4C-1
PCB METHOD BLANK SUMMARY

Laboratory Name:	NEA - A Division of PACE	SDG No:	11070002
ELAP ID No:	11078	Blank Sample ID:	PBLK-31
Matrix:	WIPE	Method Blank Nea ID No:	AO10736B
Instrument ID:	GC21B	Lab File ID:	GC21B-1454-15
Extraction Type:	Soxhlet Method (3540C)	Date Extracted:	07/01/2011
GC Column (1):	Phenomenex, Zebron ZB-5, 30 m, 0.25 mm ID, 0.25 µm	Date Analyzed:	07/04/2011
		Time Analyzed:	01:36:55

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES AND QC:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE / TIME ANALYZED
LCS-31(LAB CONTROL SPIKE)	AO10736L	GC21B-1454-16	07/04/2011 02:09:44
PLY-WIPE-129	AO10763	GC21B-1454-26	07/04/2011 07:37:55
PLY-WIPE-131	AO10765	GC21B-1454-27	07/04/2011 08:10:45
PLY-WIPE-134	AO10768	GC21B-1454-28	07/04/2011 08:43:34

6

FORM IV-CLP-PCB(NEA-PACE

Print date: 7/22/2011
Lims Version : 5.0.5.8

SAMPLE ANALYSIS DATA

7

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name:	NEA - A Division of PACE	SDG No:	11070002
ELAP ID No:	11078	LRF ID:	11070002-05
Matrix:	Wipe	Client ID:	PLY-WIPE-129
Sample wt(Dry)/vol:	N/A	Lab Sample ID:	AO10763
Percent Moisture:	N/A	Date Received:	07/01/2011
Extraction:	Soxhlet Method (3540C)	Date Extracted:	07/01/2011
Conc. Extract Volume:	5000 uL	Date Analyzed:	07/04/2011
Method:	SW-846 8082 (PCB)	Dilution Factor:	1
		Sulfur Cleanup:	YES

Column 1 Information:

GC Column: Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm

Injection Volume: 1.0 uL

Lab File ID: GC21F-1519-26

Column 2 Information:

GC Column: Phenomenex, Zebron ZB-5, 30 m, 0.25 mm ID, 0.25 µm

Injection Volume: 1.0 uL

Lab File ID: GC21B-1454-26

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION UG/WIPE	Q
1	12674-11-2	Aroclor 1016	0.100	U
1	11104-28-2	Aroclor 1221	0.100	U
1	11141-16-5	Aroclor 1232	0.100	U
1	53469-21-9	Aroclor 1242	0.100	U
1	12672-29-6	Aroclor 1248	0.100	U
1	11097-69-1	Aroclor 1254	0.100	U
1	11096-82-5	Aroclor 1260	0.100	U
1	37324-23-5	Aroclor 1262	0.100	U
1	11100-14-4	Aroclor 1268	0.100	U

Laboratory Qualifiers:
U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.

7

FORM I-CLP-PCB (NEA)

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name:	NEA - A Division of PACE	SDG No:	11070002
ELAP ID No:	11078	LRF ID:	11070002-07
Matrix:	Wipe	Client ID:	PLY-WIPE-131
Sample wt(Dry)/vol:	N/A	Lab Sample ID:	AO10765
Percent Moisture:	N/A	Date Received:	07/01/2011
Extraction:	Soxhlet Method (3540C)	Date Extracted:	07/01/2011
Conc. Extract Volume:	5000 uL	Date Analyzed:	07/04/2011
Method:	SW-846 8082 (PCB)	Dilution Factor:	1
		Sulfur Cleanup:	YES

Column 1 Information:

GC Column: Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm

Injection Volume: 1.0 uL

Lab File ID: GC21F-1519-27

Column 2 Information:

GC Column: Phenomenex, Zebron ZB-5, 30 m, 0.25 mm ID, 0.25 µm

Injection Volume: 1.0 uL

Lab File ID: GC21B-1454-27

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION UG/WIPE	Q
1	12674-11-2	Aroclor 1016	0.100	U
1	11104-28-2	Aroclor 1221	0.100	U
1	11141-16-5	Aroclor 1232	0.100	U
1	53469-21-9	Aroclor 1242	0.100	U
1	12672-29-6	Aroclor 1248	0.100	U
1	11097-69-1	Aroclor 1254	0.100	U
1	11096-82-5	Aroclor 1260	0.100	U
1	37324-23-5	Aroclor 1262	0.100	U
1	11100-14-4	Aroclor 1268	0.100	U

Laboratory Qualifiers:
U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.

7

FORM I-CLP-PCB (NEA)

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name:	NEA - A Division of PACE	SDG No:	11070002
ELAP ID No:	11078	LRF ID:	11070002-10
Matrix:	Wipe	Client ID:	PLY-WIPE-134
Sample wt(Dry)/vol:	N/A	Lab Sample ID:	AO10768
Percent Moisture:	N/A	Date Received:	07/01/2011
Extraction:	Soxhlet Method (3540C)	Date Extracted:	07/01/2011
Conc. Extract Volume:	5000 uL	Date Analyzed:	07/04/2011
Method:	SW-846 8082 (PCB)	Dilution Factor:	1
		Sulfur Cleanup:	YES

Column 1 Information:

GC Column: Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm

Injection Volume: 1.0 uL

Lab File ID: GC21F-1519-28

Column 2 Information:

GC Column: Phenomenex, Zebron ZB-5, 30 m, 0.25 mm ID, 0.25 µm

Injection Volume: 1.0 uL

Lab File ID: GC21B-1454-28

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION UG/WIPE	Q
1	12674-11-2	Aroclor 1016	0.100	U
1	11104-28-2	Aroclor 1221	0.100	U
1	11141-16-5	Aroclor 1232	0.100	U
1	53469-21-9	Aroclor 1242	0.100	U
1	12672-29-6	Aroclor 1248	0.100	U
1	11097-69-1	Aroclor 1254	0.100	U
1	11096-82-5	Aroclor 1260	0.100	U
1	37324-23-5	Aroclor 1262	0.100	U
1	11100-14-4	Aroclor 1268	0.100	U

Laboratory Qualifiers:
U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.

7

FORM I-CLP-PCB (NEA)

Print Date: 7/22/2011
Lims Version : 5.0.5.8

ANALYTICAL SEQUENCE (GC21F)

8

8-D-1
PCB ANALYTICAL SEQUENCE

Laboratory Name: NEA - A Division of PACE SDG No: 11070002

ELAP ID No: 11078

Instrument ID: GC21F Init. Calib. Date(s): 03/11/11,03/12/11,03/14/11

GC Column (1): Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm

THE ANALYTICAL SEQUENCE OF SAMPLES, QC, AND STANDARDS IS GIVEN BELOW:

SURROGATE RETENTION TIME (RT) FROM INITIAL OR CONTINUING CALIBRATION
TCMX RT: 5.93 DCBP RT: 25.06

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE / TIME ANALYZED	TCMX RT # (+/-0.05 min)	DCBP RT # (+/-0.10 min)
01	A1016 20 PPB	031116A	GC21F-1425-3	03/11/2011 16:43:53		
02	A1016 100 PPB	031116B	GC21F-1425-4	03/11/2011 17:16:46		
03	A1016 250 PPB	031116C	GC21F-1425-5	03/11/2011 17:49:38		
04	A1016 500 PPB	031116D	GC21F-1425-6	03/11/2011 18:22:29		
05	A1016 1000 PPB	031116E	GC21F-1425-7	03/11/2011 18:55:20		
06	A1221 20 PPB	031121A	GC21F-1425-8	03/11/2011 19:28:11		
07	A1221 100 PPB	031121B	GC21F-1425-9	03/11/2011 20:01:03		
08	A1221 250 PPB	031121C	GC21F-1425-10	03/11/2011 20:33:54		
09	A1221 500 PPB	031121D	GC21F-1425-11	03/11/2011 21:06:46		
10	A1221 1000 PPB	031121E	GC21F-1425-12	03/11/2011 21:39:37		
11	A1232 20 PPB	031132A	GC21F-1425-13	03/11/2011 22:12:29		
12	A1232 100 PPB	031132B	GC21F-1425-14	03/11/2011 22:45:20		
13	A1232 250 PPB	031132C	GC21F-1425-15	03/11/2011 23:18:12		
14	A1232 500 PPB	031132D	GC21F-1425-16	03/11/2011 23:51:03		
15	A1232 1000 PPB	031132E	GC21F-1425-17	03/12/2011 00:23:54		
16	A1242 20 PPB	031142A	GC21F-1425-18	03/12/2011 00:56:47		
17	A1242 100 PPB	031142B	GC21F-1425-19	03/12/2011 01:29:38		
18	A1242 250 PPB	031142C	GC21F-1425-20	03/12/2011 02:02:29		
19	A1242 500 PPB	031142D	GC21F-1425-21	03/12/2011 02:35:19		
20	A1242 1000 PPB	031142E	GC21F-1425-22	03/12/2011 03:08:12		
21	A1248 20 PPB	031148A	GC21F-1425-23	03/12/2011 03:41:03		
22	A1248 100 PPB	031148B	GC21F-1425-24	03/12/2011 04:13:55		
23	A1248 250 PPB	031148C	GC21F-1425-25	03/12/2011 04:46:46		
24	A1248 500 PPB	031148D	GC21F-1425-26	03/12/2011 05:19:38		
25	A1248 1000 PPB	031148E	GC21F-1425-27	03/12/2011 05:52:30		
26	A1254 100 PPB	031154B	GC21F-1425-28	03/12/2011 06:25:22	5.93	25.06
27	A1254 20 PPB	031154A	GC21F-1425-29	03/12/2011 06:58:12	5.93	25.06
28	A1254 250 PPB	031154C	GC21F-1425-30	03/12/2011 07:31:03	5.93	25.06
29	A1254 500 PPB	031154D	GC21F-1425-31	03/12/2011 08:03:54	5.93	25.06
30	A1254 1000 PPB	031154E	GC21F-1425-32	03/12/2011 08:36:46	5.93	25.06
31	A1260 20 PPB	031160A	GC21F-1425-33	03/12/2011 09:09:37		
32	A1260 100 PPB	031160B	GC21F-1425-34	03/12/2011 09:42:28		
33	A1260 250 PPB	031160C	GC21F-1425-35	03/12/2011 10:15:19		
34	A1260 500 PPB	031160D	GC21F-1425-36	03/12/2011 10:48:11		
35	A1260 1000 PPB	031160E	GC21F-1425-37	03/12/2011 11:21:02		
36	A1262 20 PPB	031162A	GC21F-1425-38	03/12/2011 11:53:53		
37	A1262 100 PPB	031162B	GC21F-1425-39	03/12/2011 12:26:44		
38	A1262 250 PPB	031162C	GC21F-1425-40	03/12/2011 12:59:35		

Column used to flag surrogate retention times outside expected range.

8-D-1
PCB ANALYTICAL SEQUENCE

Laboratory Name: NEA - A Division of PACE SDG No: 11070002

ELAP ID No: 11078

Instrument ID: GC21F Init. Calib. Date(s): 03/11/11,03/12/11,03/14/11

GC Column (1): Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm

THE ANALYTICAL SEQUENCE OF SAMPLES, QC, AND STANDARDS IS GIVEN BELOW:

SURROGATE RETENTION TIME (RT) FROM INITIAL OR CONTINUING CALIBRATION
TCMX RT: 5.93 DCBP RT: 25.06

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE / TIME ANALYZED	TCMX RT # (+/-0.05 min)	DCBP RT # (+/-0.10 min)
39	A1262 500 PPB	031162D	GC21F-1425-41	03/12/2011 13:32:26		
40	A1262 1000 PPB	031162E	GC21F-1425-42	03/12/2011 14:05:18		
41	A1268 20 PPB	031168A	GC21F-1425-43	03/12/2011 14:38:09		
42	A1268 100 PPB	031168B	GC21F-1425-44	03/12/2011 15:11:00		
43	A1268 250 PPB	031168C	GC21F-1425-45	03/12/2011 15:43:52		
44	A1268 500 PPB	031168D	GC21F-1425-46	03/12/2011 16:16:44		
45	A1268 1000 PPB	031168E	GC21F-1425-47	03/12/2011 16:49:35		
46	IUPAC 15 20 PPB	0314FSA	GC21F-1425-60	03/14/2011 10:51:18		
47	IUPAC 15 50 PPB	0314FSB	GC21F-1425-61	03/14/2011 11:24:10		
48	IUPAC 15 80 PPB	0314FSC	GC21F-1425-62	03/14/2011 11:57:01		
49	IUPAC 15 100 PPB	0314FSD	GC21F-1425-63	03/14/2011 12:29:52		
50	IUPAC 15 200 PPB	0314FSE	GC21F-1425-64	03/14/2011 13:02:43		
51	A1016 500 PPB	CS160314A	GC21F-1425-66	03/14/2011 14:08:26	5.93	25.04
52	A1221 500 PPB	CS210314A	GC21F-1425-67	03/14/2011 14:41:18	5.93	25.03
53	A1232 500 PPB	CS320314A	GC21F-1425-68	03/14/2011 15:14:09	5.93	25.03
54	A1242 500 PPB	CS420314A	GC21F-1425-69	03/14/2011 15:47:00	5.93	25.04
55	A1248 500 PPB	CS480314A	GC21F-1425-70	03/14/2011 16:19:51	5.93	25.03
56	A1254 500 PPB	CS540314A	GC21F-1425-71	03/14/2011 16:52:42	5.93	25.03
57	A1260 500 PPB	CS600314A	GC21F-1425-72	03/14/2011 17:25:33	5.93	25.03
58	A1262 500 PPB	CS620314A	GC21F-1425-73	03/14/2011 17:58:24	5.93	25.04
59	A1268 500 PPB	CS680314A	GC21F-1425-74	03/14/2011 18:31:15	5.93	25.03
60	SURR IUPAC 15 70 PPB	110314FS01	GC21F-1425-75	03/14/2011 19:04:06	5.93	25.05
61	A1221 500 PPB	CS210703A	GC21F-1519-10	07/03/2011 22:52:46	5.94	25.04
62	ZZZZZ	ZZZZZ	GC21F-1519-11	07/03/2011 23:25:35	5.94	25.05
63	ZZZZZ	ZZZZZ	GC21F-1519-12	07/03/2011 23:58:24	5.94	25.05
64	ZZZZZ	ZZZZZ	GC21F-1519-13	07/04/2011 00:31:13	5.94	25.05
65	ZZZZZ	ZZZZZ	GC21F-1519-14	07/04/2011 01:04:02	5.94	25.05
66	PBLK-31(METHOD BLANK)	AO10736B	GC21F-1519-15	07/04/2011 01:36:51	5.94	25.04
67	LCS-31(LAB CONTROL SPIKE)	AO10736L	GC21F-1519-16	07/04/2011 02:09:40	5.94	25.04
68	ZZZZZ	ZZZZZ	GC21F-1519-17	07/04/2011 02:42:29	5.94	25.04
69	ZZZZZ	ZZZZZ	GC21F-1519-18	07/04/2011 03:15:18	5.94	25.04
70	ZZZZZ	ZZZZZ	GC21F-1519-19	07/04/2011 03:48:06	5.94	25.04
71	A1232 500 PPB	CS320703A	GC21F-1519-20	07/04/2011 04:20:55	5.94	25.04
72	ZZZZZ	ZZZZZ	GC21F-1519-21	07/04/2011 04:53:44	5.94	25.04
73	ZZZZZ	ZZZZZ	GC21F-1519-22	07/04/2011 05:26:34	5.94	25.04
74	ZZZZZ	ZZZZZ	GC21F-1519-23	07/04/2011 05:59:23	5.94	25.04
75	ZZZZZ	ZZZZZ	GC21F-1519-24	07/04/2011 06:32:12	5.94	25.04
76	ZZZZZ	ZZZZZ	GC21F-1519-25	07/04/2011 07:05:03	5.94	25.04

Column used to flag surrogate retention times outside expected range.

8-D-1
PCB ANALYTICAL SEQUENCE

Laboratory Name: NEA - A Division of PACE SDG No: 11070002

ELAP ID No: 11078

Instrument ID: GC21F Init. Calib. Date(s): 03/11/11,03/12/11,03/14/11

GC Column (1): Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm

THE ANALYTICAL SEQUENCE OF SAMPLES, QC, AND STANDARDS IS GIVEN BELOW:

SURROGATE RETENTION TIME (RT) FROM INITIAL OR CONTINUING CALIBRATION
TCMX RT: 5.93 DCBP RT: 25.06

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE / TIME ANALYZED	TCMX RT # (+/-0.05 min)	DCBP RT # (+/-0.10 min)
77	PLY-WIPE-129	AO10763	GC21F-1519-26	07/04/2011 07:37:52	5.94	25.04
78	PLY-WIPE-131	AO10765	GC21F-1519-27	07/04/2011 08:10:42	5.94	25.03
79	PLY-WIPE-134	AO10768	GC21F-1519-28	07/04/2011 08:43:30	5.94	25.05
80	ZZZZZ	ZZZZZ	GC21F-1519-29	07/04/2011 09:16:19	5.94	25.05
81	A1242 500 PPB	CS420703A	GC21F-1519-30	07/04/2011 09:49:08	5.94	25.04

8

Column used to flag surrogate retention times outside expected range.

INITIAL CALIBRATION DATA (GC21F)

9

6F-1
PCB INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Laboratory Name: NEA - A Division of PACE
SDG NO: 11070002
ELAP ID No: 11078
Date(s) Analyzed: 03/11/11,03/12/11,03/14/11
Instrument ID: GC21F
GC Column: Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm

COMPOUND	LAB FILE ID	NEA SAMPLE ID	AMOUNT (ppb)	TOTAL[1] RF	MEAN RF	% RSD
Aroclor 1016	GC21F-1425-3	031116A	20.0	80.892		
	GC21F-1425-4	031116B	100	91.315		
	GC21F-1425-5	031116C	250	84.840		
	GC21F-1425-6	031116D	500	84.133		
	GC21F-1425-7	031116E	1000	79.800	84.196	5.4
Aroclor 1221	GC21F-1425-8	031121A	20.0	24.208		
	GC21F-1425-9	031121B	100	25.122		
	GC21F-1425-10	031121C	250	24.662		
	GC21F-1425-11	031121D	500	22.567		
	GC21F-1425-12	031121E	1000	22.043	23.720	5.7
Aroclor 1232	GC21F-1425-13	031132A	20.0	42.018		
	GC21F-1425-14	031132B	100	40.939		
	GC21F-1425-15	031132C	250	41.091		
	GC21F-1425-16	031132D	500	39.718		
	GC21F-1425-17	031132E	1000	39.035	40.560	2.9
Aroclor 1242	GC21F-1425-18	031142A	20.0	75.584		
	GC21F-1425-19	031142B	100	72.310		
	GC21F-1425-20	031142C	250	74.392		
	GC21F-1425-21	031142D	500	74.520		
	GC21F-1425-22	031142E	1000	70.168	73.395	2.9
Aroclor 1248	GC21F-1425-23	031148A	20.0	67.932		
	GC21F-1425-24	031148B	100	75.340		
	GC21F-1425-25	031148C	250	75.049		
	GC21F-1425-26	031148D	500	70.150		
	GC21F-1425-27	031148E	1000	71.176	71.929	4.5
Aroclor 1254	GC21F-1425-29	031154A	20.0	111.528		
	GC21F-1425-28	031154B	100	117.476		
	GC21F-1425-30	031154C	250	113.797		
	GC21F-1425-31	031154D	500	110.455		
	GC21F-1425-32	031154E	1000	105.946	111.841	3.8
Aroclor 1260	GC21F-1425-33	031160A	20.0	132.290		
	GC21F-1425-34	031160B	100	133.443		
	GC21F-1425-35	031160C	250	130.897		
	GC21F-1425-36	031160D	500	130.670		
	GC21F-1425-37	031160E	1000	120.984	129.657	3.8
Aroclor 1262	GC21F-1425-38	031162A	20.0	138.670		
	GC21F-1425-39	031162B	100	135.528		
	GC21F-1425-40	031162C	250	141.432		
	GC21F-1425-41	031162D	500	140.464		
	GC21F-1425-42	031162E	1000	129.566	137.132	3.5

FORM VI-CLP-PCB(NEA-PACE)

Print Date: 7/22/2011
Lims Version : 5.0.5.8

6F-1
PCB INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Laboratory Name: NEA - A Division of PACE
SDG NO: 11070002
ELAP ID No: 11078
Date(s) Analyzed: 03/11/11,03/12/11,03/14/11
Instrument ID: GC21F
GC Column: Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm

COMPOUND	LAB FILE ID	NEA SAMPLE ID	AMOUNT (ppb)	TOTAL[1] RF	MEAN RF	% RSD
Aroclor 1268	GC21F-1425-43	031168A	20.0	271.193		
	GC21F-1425-44	031168B	100	277.620		
	GC21F-1425-45	031168C	250	268.054		
	GC21F-1425-46	031168D	500	247.108		
	GC21F-1425-47	031168E	1000	241.469	261.089	6.1
TCMX	GC21F-1425-29	031154A	2.00	488.907		
	GC21F-1425-28	031154B	5.00	471.002		
	GC21F-1425-30	031154C	8.00	456.151		
	GC21F-1425-31	031154D	10.0	456.889		
	GC21F-1425-32	031154E	20.0	435.936	461.777	4.3
4,4'-Dibromobiphenyl	GC21F-1425-60	0314FSA	20.0	259.225		
	GC21F-1425-61	0314FSB	50.0	244.499		
	GC21F-1425-62	0314FSC	80.0	237.202		
	GC21F-1425-63	0314FSD	100	239.501		
	GC21F-1425-64	0314FSE	200	226.267	241.339	5.0
DCBP	GC21F-1425-29	031154A	20.0	517.601		
	GC21F-1425-28	031154B	50.0	493.896		
	GC21F-1425-30	031154C	80.0	468.074		
	GC21F-1425-31	031154D	100	469.605		
	GC21F-1425-32	031154E	200	445.781	478.991	5.7

% RSD Limit <= 20%
TCMX=TETRACHLOROMETAXYLENE
DCBP=DECACHLOROBIPHENYL

[1] Response factor calculated using total area of 5 peaks used to quantitate each Aroclor. Mean response factor not used in Aroclor quantitation, calibration curve by linear regression used for quantitation. Concentrations are nominal values, please see Calibration Curve Report Point Table for actual values.

9

INITIAL/CONTINUING CALIBRATION DATA (GC21F)

10

7E-1
PCB CALIBRATION VERIFICATION SUMMARY

Laboratory Name: NEA - A Division of PACE SDG NO: 11070002

ELAP ID No: 11078

Instrument ID: GC21F

GC Column: Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm

COMPOUND	LAB FILE ID	NEA SAMPLE ID	CALIB TYPE	CALC AMOUNT (ng/mL)	NOM AMOUNT (ng/mL)	PERCENT DIFFERENCE	Q	DATE / TIME ANALYZED
Aroclor 1016	GC21F-1425-66	CS160314A	ICV	499	500	-0.153		03/14/2011 14:08:26
Aroclor 1221	GC21F-1425-67	CS210314A	ICV	509	500	1.86		03/14/2011 14:41:18
Aroclor 1232	GC21F-1425-68	CS320314A	ICV	496	500	-0.867		03/14/2011 15:14:09
Aroclor 1242	GC21F-1425-69	CS420314A	ICV	450	500	-9.95		03/14/2011 15:47:00
Aroclor 1248	GC21F-1425-70	CS480314A	ICV	482	500	-3.51		03/14/2011 16:19:51
Aroclor 1254	GC21F-1425-71	CS540314A	ICV	480	500	-3.97		03/14/2011 16:52:42
Aroclor 1260	GC21F-1425-72	CS600314A	ICV	479	500	-4.30		03/14/2011 17:25:33
Aroclor 1262	GC21F-1425-73	CS620314A	ICV	495	500	-1.02		03/14/2011 17:58:24
Aroclor 1268	GC21F-1425-74	CS680314A	ICV	462	500	-7.61		03/14/2011 18:31:15
Aroclor 1221	GC21F-1519-10	CS210703A	CCV	554	500	10.9		07/03/2011 22:52:46
Aroclor 1232	GC21F-1519-20	CS320703A	CCV	562	500	12.4		07/04/2011 04:20:55
Aroclor 1242	GC21F-1519-30	CS420703A	CCV	486	500	-2.86		07/04/2011 09:49:08

% Difference must be less than or equal to +/- 15 percent

ICV = Initial Calibration Verification

CCV = Continuing Calibration Verification

10

7E-2
PCB CALIBRATION VERIFICATION SUMMARY

Laboratory Name: NEA - A Division of PACE
SGD NO: 11070002
ELAP ID No: 11078
Instrument ID: GC21F
GC Column: Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm

COMPOUND	Lab File ID	NEA Sample ID	CALIB* TYPE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO
Aroclor 1016	GC21F-1425-66	CS160314A	ICV	1	7.54	7.46	7.62
		CS160314A	ICV	2	7.92	7.84	8.00
		CS160314A	ICV	3	8.54	8.46	8.62
		CS160314A	ICV	4	8.75	8.67	8.83
		CS160314A	ICV	5	8.88	8.80	8.96
Aroclor 1221	GC21F-1425-67	CS210314A	ICV	1	4.53	4.45	4.61
		CS210314A	ICV	2	5.77	5.69	5.85
		CS210314A	ICV	3	6.33	6.25	6.41
		CS210314A	ICV	4	6.52	6.44	6.60
		CS210314A	ICV	5	6.64	6.56	6.72
Aroclor 1232	GC21F-1425-68	CS320314A	ICV	1	6.64	6.56	6.72
		CS320314A	ICV	2	7.91	7.83	7.99
		CS320314A	ICV	3	8.53	8.45	8.61
		CS320314A	ICV	4	8.74	8.66	8.82
		CS320314A	ICV	5	8.88	8.80	8.96
Aroclor 1242	GC21F-1425-69	CS420314A	ICV	1	7.54	7.46	7.62
		CS420314A	ICV	2	7.92	7.84	8.00
		CS420314A	ICV	3	8.54	8.46	8.62
		CS420314A	ICV	4	8.75	8.67	8.83
		CS420314A	ICV	5	8.88	8.80	8.96
Aroclor 1248	GC21F-1425-70	CS480314A	ICV	1	9.45	9.37	9.53
		CS480314A	ICV	2	10.10	10.02	10.18
		CS480314A	ICV	3	10.73	10.65	10.81
		CS480314A	ICV	4	10.89	10.81	10.97
		CS480314A	ICV	5	11.29	11.21	11.37
Aroclor 1254	GC21F-1425-71	CS540314A	ICV	1	11.60	11.52	11.68
		CS540314A	ICV	2	12.25	12.17	12.33
		CS540314A	ICV	3	12.53	12.45	12.61
		CS540314A	ICV	4	13.99	13.91	14.07
		CS540314A	ICV	5	14.81	14.73	14.89
Aroclor 1260	GC21F-1425-72	CS600314A	ICV	1	14.81	14.73	14.89
		CS600314A	ICV	2	17.02	16.94	17.10
		CS600314A	ICV	3	17.88	17.80	17.96
		CS600314A	ICV	4	18.62	18.54	18.70
		CS600314A	ICV	5	20.74	20.66	20.82
Aroclor 1262	GC21F-1425-73	CS620314A	ICV	1	14.81	14.73	14.89
		CS620314A	ICV	2	17.02	16.94	17.10
		CS620314A	ICV	3	17.88	17.80	17.96

FORM VII-CLP-PCB(NEA-PACE

Print Date: 7/22/2011
Lims Version : 5.0.5.8

7E-2
PCB CALIBRATION VERIFICATION SUMMARY

Laboratory Name: NEA - A Division of PACE
SGD NO: 11070002
ELAP ID No: 11078
Instrument ID: GC21F
GC Column: Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm

COMPOUND	Lab File ID	NEA Sample ID	CALIB TYPE*	PEAK	RT	RT WINDOW FROM	RT WINDOW TO
Aroclor 1262		CS620314A	ICV	4	18.63	18.55	18.71
		CS620314A	ICV	5	20.75	20.67	20.83
Aroclor 1268	GC21F-1425-74	CS680314A	ICV	1	18.63	18.55	18.71
		CS680314A	ICV	2	20.74	20.66	20.82
		CS680314A	ICV	3	18.41	18.33	18.49
		CS680314A	ICV	4	19.88	19.80	19.96
		CS680314A	ICV	5	20.23	20.15	20.31

* ICV = Initial Calibration Verification
CCV = Continuing Calibration Verification

10

7E-2
PCB CALIBRATION VERIFICATION SUMMARY

Laboratory Name: NEA - A Division of PACE
SGD NO: 11070002
ELAP ID No: 11078
Instrument ID: GC21F
GC Column: Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm

COMPOUND	Lab File ID	NEA Sample ID	CALIB TYPE*	PEAK	RT	RT WINDOW FROM	RT WINDOW TO
Aroclor 1221	GC21F-1519-10	CS210703A	CCV	1	4.55	4.45	4.61
		CS210703A	CCV	2	5.78	5.69	5.85
		CS210703A	CCV	3	6.34	6.25	6.41
		CS210703A	CCV	4	6.53	6.44	6.60
		CS210703A	CCV	5	6.65	6.56	6.72
Aroclor 1232	GC21F-1519-20	CS320703A	CCV	1	6.65	6.56	6.72
		CS320703A	CCV	2	7.92	7.83	7.99
		CS320703A	CCV	3	8.54	8.45	8.61
		CS320703A	CCV	4	8.74	8.66	8.82
		CS320703A	CCV	5	8.88	8.80	8.96
Aroclor 1242	GC21F-1519-30	CS420703A	CCV	1	7.54	7.46	7.62
		CS420703A	CCV	2	7.92	7.84	8.00
		CS420703A	CCV	3	8.54	8.46	8.62
		CS420703A	CCV	4	8.75	8.67	8.83
		CS420703A	CCV	5	8.88	8.80	8.96

* ICV = Initial Calibration Verification
CCV = Continuing Calibration Verification

10

ANALYTICAL SEQUENCE (GC21B)

8-D-1
PCB ANALYTICAL SEQUENCE

Laboratory Name: NEA - A Division of PACE SDG No: 11070002

ELAP ID No: 11078

Instrument ID: GC21B Init. Calib. Date(s): 03/11/11,03/12/11,03/14/11

GC Column (1): Phenomenex, Zebron ZB-5, 30 m, 0.25 mm ID, 0.25 µm

THE ANALYTICAL SEQUENCE OF SAMPLES, QC, AND STANDARDS IS GIVEN BELOW:

SURROGATE RETENTION TIME (RT) FROM INITIAL OR CONTINUING CALIBRATION
TCMX RT: 6.51 DCBP RT: 27.37

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE / TIME ANALYZED	TCMX RT # (+/-0.05 min)	DCBP RT # (+/-0.10 min)
01	A1016 20 PPB	031116A	GC21B-1358-3	03/11/2011 16:43:58		
02	A1016 100 PPB	031116B	GC21B-1358-4	03/11/2011 17:16:50		
03	A1016 250 PPB	031116C	GC21B-1358-5	03/11/2011 17:49:43		
04	A1016 500 PPB	031116D	GC21B-1358-6	03/11/2011 18:22:33		
05	A1016 1000 PPB	031116E	GC21B-1358-7	03/11/2011 18:55:24		
06	A1221 20 PPB	031121A	GC21B-1358-8	03/11/2011 19:28:15		
07	A1221 100 PPB	031121B	GC21B-1358-9	03/11/2011 20:01:07		
08	A1221 250 PPB	031121C	GC21B-1358-10	03/11/2011 20:33:59		
09	A1221 500 PPB	031121D	GC21B-1358-11	03/11/2011 21:06:50		
10	A1221 1000 PPB	031121E	GC21B-1358-12	03/11/2011 21:39:42		
11	A1232 20 PPB	031132A	GC21B-1358-13	03/11/2011 22:12:34		
12	A1232 100 PPB	031132B	GC21B-1358-14	03/11/2011 22:45:25		
13	A1232 250 PPB	031132C	GC21B-1358-15	03/11/2011 23:18:17		
14	A1232 500 PPB	031132D	GC21B-1358-16	03/11/2011 23:51:08		
15	A1232 1000 PPB	031132E	GC21B-1358-17	03/12/2011 00:23:59		
16	A1242 20 PPB	031142A	GC21B-1358-18	03/12/2011 00:56:51		
17	A1242 100 PPB	031142B	GC21B-1358-19	03/12/2011 01:29:43		
18	A1242 250 PPB	031142C	GC21B-1358-20	03/12/2011 02:02:33		
19	A1242 500 PPB	031142D	GC21B-1358-21	03/12/2011 02:35:24		
20	A1242 1000 PPB	031142E	GC21B-1358-22	03/12/2011 03:08:16		
21	A1248 20 PPB	031148A	GC21B-1358-23	03/12/2011 03:41:07		
22	A1248 100 PPB	031148B	GC21B-1358-24	03/12/2011 04:13:59		
23	A1248 250 PPB	031148C	GC21B-1358-25	03/12/2011 04:46:50		
24	A1248 500 PPB	031148D	GC21B-1358-26	03/12/2011 05:19:42		
25	A1248 1000 PPB	031148E	GC21B-1358-27	03/12/2011 05:52:34		
26	A1254 100 PPB	031154B	GC21B-1358-28	03/12/2011 06:25:25	6.51	27.38
27	A1254 20 PPB	031154A	GC21B-1358-29	03/12/2011 06:58:15	6.51	27.37
28	A1254 250 PPB	031154C	GC21B-1358-30	03/12/2011 07:31:06	6.51	27.37
29	A1254 500 PPB	031154D	GC21B-1358-31	03/12/2011 08:03:58	6.51	27.38
30	A1254 1000 PPB	031154E	GC21B-1358-32	03/12/2011 08:36:50	6.51	27.37
31	A1260 20 PPB	031160A	GC21B-1358-33	03/12/2011 09:09:41		
32	A1260 100 PPB	031160B	GC21B-1358-34	03/12/2011 09:42:32		
33	A1260 250 PPB	031160C	GC21B-1358-35	03/12/2011 10:15:23		
34	A1260 500 PPB	031160D	GC21B-1358-36	03/12/2011 10:48:15		
35	A1260 1000 PPB	031160E	GC21B-1358-37	03/12/2011 11:21:05		
36	A1262 20 PPB	031162A	GC21B-1358-38	03/12/2011 11:53:56		
37	A1262 100 PPB	031162B	GC21B-1358-39	03/12/2011 12:26:47		
38	A1262 250 PPB	031162C	GC21B-1358-40	03/12/2011 12:59:38		

Column used to flag surrogate retention times outside expected range.

8-D-1
PCB ANALYTICAL SEQUENCE

Laboratory Name: NEA - A Division of PACE SDG No: 11070002

ELAP ID No: 11078

Instrument ID: GC21B Init. Calib. Date(s): 03/11/11,03/12/11,03/14/11

GC Column (1): Phenomenex, Zebron ZB-5, 30 m, 0.25 mm ID, 0.25 µm

THE ANALYTICAL SEQUENCE OF SAMPLES, QC, AND STANDARDS IS GIVEN BELOW:

SURROGATE RETENTION TIME (RT) FROM INITIAL OR CONTINUING CALIBRATION
TCMX RT: 6.51 DCBP RT: 27.37

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE / TIME ANALYZED	TCMX RT # (+/-0.05 min)	DCBP RT # (+/-0.10 min)
39	A1262 500 PPB	031162D	GC21B-1358-41	03/12/2011 13:32:30		
40	A1262 1000 PPB	031162E	GC21B-1358-42	03/12/2011 14:05:21		
41	A1268 20 PPB	031168A	GC21B-1358-43	03/12/2011 14:38:13		
42	A1268 100 PPB	031168B	GC21B-1358-44	03/12/2011 15:11:04		
43	A1268 250 PPB	031168C	GC21B-1358-45	03/12/2011 15:43:56		
44	A1268 500 PPB	031168D	GC21B-1358-46	03/12/2011 16:16:48		
45	A1268 1000 PPB	031168E	GC21B-1358-47	03/12/2011 16:49:38		
46	IUPAC 15 20 PPB	0314FSA	GC21B-1358-60	03/14/2011 10:51:22		
47	IUPAC 15 50 PPB	0314FSB	GC21B-1358-61	03/14/2011 11:24:14		
48	IUPAC 15 80 PPB	0314FSC	GC21B-1358-62	03/14/2011 11:57:05		
49	IUPAC 15 100 PPB	0314FSD	GC21B-1358-63	03/14/2011 12:29:56		
50	IUPAC 15 200 PPB	0314FSE	GC21B-1358-64	03/14/2011 13:02:48		
51	A1016 500 PPB	CS160314A	GC21B-1358-66	03/14/2011 14:08:31	6.51	27.35
52	A1221 500 PPB	CS210314A	GC21B-1358-67	03/14/2011 14:41:22	6.51	27.34
53	A1232 500 PPB	CS320314A	GC21B-1358-68	03/14/2011 15:14:13	6.50	27.35
54	A1242 500 PPB	CS420314A	GC21B-1358-69	03/14/2011 15:47:04	6.51	27.35
55	A1248 500 PPB	CS480314A	GC21B-1358-70	03/14/2011 16:19:55	6.50	27.35
56	A1254 500 PPB	CS540314A	GC21B-1358-71	03/14/2011 16:52:46	6.51	27.35
57	A1260 500 PPB	CS600314A	GC21B-1358-72	03/14/2011 17:25:37	6.51	27.34
58	A1262 500 PPB	CS620314A	GC21B-1358-73	03/14/2011 17:58:28	6.51	27.35
59	A1268 500 PPB	CS680314A	GC21B-1358-74	03/14/2011 18:31:20	6.51	27.35
60	SURR IUPAC 15 70 PPB	110314FS01	GC21B-1358-75	03/14/2011 19:04:10	6.52	27.37
61	A1221 500 PPB	CS210703A	GC21B-1454-10	07/03/2011 22:52:50	6.51	27.36
62	ZZZZZ	ZZZZZ	GC21B-1454-11	07/03/2011 23:25:39	6.51	27.36
63	ZZZZZ	ZZZZZ	GC21B-1454-12	07/03/2011 23:58:28	6.51	27.35
64	ZZZZZ	ZZZZZ	GC21B-1454-13	07/04/2011 00:31:17	6.51	27.35
65	ZZZZZ	ZZZZZ	GC21B-1454-14	07/04/2011 01:04:06	6.51	27.35
66	PBLK-31(METHOD BLANK)	AO10736B	GC21B-1454-15	07/04/2011 01:36:55	6.51	27.35
67	LCS-31(LAB CONTROL SPIKE)	AO10736L	GC21B-1454-16	07/04/2011 02:09:44	6.50	27.35
68	ZZZZZ	ZZZZZ	GC21B-1454-17	07/04/2011 02:42:33	6.51	27.35
69	ZZZZZ	ZZZZZ	GC21B-1454-18	07/04/2011 03:15:22	6.51	27.35
70	ZZZZZ	ZZZZZ	GC21B-1454-19	07/04/2011 03:48:11	6.50	27.35
71	A1232 500 PPB	CS320703A	GC21B-1454-20	07/04/2011 04:21:00	6.50	27.34
72	ZZZZZ	ZZZZZ	GC21B-1454-21	07/04/2011 04:53:49	6.51	27.34
73	ZZZZZ	ZZZZZ	GC21B-1454-22	07/04/2011 05:26:38	6.51	27.35
74	ZZZZZ	ZZZZZ	GC21B-1454-23	07/04/2011 05:59:27	6.51	27.35
75	ZZZZZ	ZZZZZ	GC21B-1454-24	07/04/2011 06:32:16	6.51	27.35
76	ZZZZZ	ZZZZZ	GC21B-1454-25	07/04/2011 07:05:06	6.51	27.35

Column used to flag surrogate retention times outside expected range.

8-D-1
PCB ANALYTICAL SEQUENCE

Laboratory Name: NEA - A Division of PACE SDG No: 11070002

ELAP ID No: 11078

Instrument ID: GC21B Init. Calib. Date(s): 03/11/11,03/12/11,03/14/11

GC Column (1): Phenomenex, Zebron ZB-5, 30 m, 0.25 mm ID, 0.25 µm

THE ANALYTICAL SEQUENCE OF SAMPLES, QC, AND STANDARDS IS GIVEN BELOW:

SURROGATE RETENTION TIME (RT) FROM INITIAL OR CONTINUING CALIBRATION
TCMX RT: 6.51 DCBP RT: 27.37

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE / TIME ANALYZED	TCMX RT # (+/-0.05 min)	DCBP RT # (+/-0.10 min)
77	PLY-WIPE-129	AO10763	GC21B-1454-26	07/04/2011 07:37:55	6.51	27.35
78	PLY-WIPE-131	AO10765	GC21B-1454-27	07/04/2011 08:10:45	6.51	27.34
79	PLY-WIPE-134	AO10768	GC21B-1454-28	07/04/2011 08:43:34	6.51	27.35
80	ZZZZZ	ZZZZZ	GC21B-1454-29	07/04/2011 09:16:23	6.51	27.35
81	A1242 500 PPB	CS420703A	GC21B-1454-30	07/04/2011 09:49:12	6.51	27.34

11

Column used to flag surrogate retention times outside expected range.

INITIAL CALIBRATION DATA (GC21B)

12

6F-1
PCB INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Laboratory Name: NEA - A Division of PACE
SDG NO: 11070002
ELAP ID No: 11078
Date(s) Analyzed: 03/11/11,03/12/11,03/14/11
Instrument ID: GC21B
GC Column: Phenomenex, Zebron ZB-5, 30 m, 0.25 mm ID, 0.25 µm

COMPOUND	LAB FILE ID	NEA SAMPLE ID	AMOUNT (ppb)	TOTAL[1] RF	MEAN RF	% RSD
Aroclor 1016	GC21B-1358-3	031116A	20.0	94.632		
	GC21B-1358-4	031116B	100	98.739		
	GC21B-1358-5	031116C	250	91.424		
	GC21B-1358-6	031116D	500	85.900		
	GC21B-1358-7	031116E	1000	82.370	90.613	7.3
Aroclor 1221	GC21B-1358-8	031121A	20.0	25.923		
	GC21B-1358-9	031121B	100	24.896		
	GC21B-1358-10	031121C	250	23.671		
	GC21B-1358-11	031121D	500	23.996		
	GC21B-1358-12	031121E	1000	22.895	24.276	4.8
Aroclor 1232	GC21B-1358-13	031132A	20.0	37.199		
	GC21B-1358-14	031132B	100	45.723		
	GC21B-1358-15	031132C	250	42.085		
	GC21B-1358-16	031132D	500	41.496		
	GC21B-1358-17	031132E	1000	42.423	41.785	7.3
Aroclor 1242	GC21B-1358-18	031142A	20.0	79.466		
	GC21B-1358-19	031142B	100	76.688		
	GC21B-1358-20	031142C	250	77.633		
	GC21B-1358-21	031142D	500	75.885		
	GC21B-1358-22	031142E	1000	71.100	76.154	4.1
Aroclor 1248	GC21B-1358-23	031148A	20.0	81.489		
	GC21B-1358-24	031148B	100	81.431		
	GC21B-1358-25	031148C	250	79.335		
	GC21B-1358-26	031148D	500	74.865		
	GC21B-1358-27	031148E	1000	75.745	78.573	4.0
Aroclor 1254	GC21B-1358-29	031154A	20.0	138.240		
	GC21B-1358-28	031154B	100	134.540		
	GC21B-1358-30	031154C	250	130.888		
	GC21B-1358-31	031154D	500	123.817		
	GC21B-1358-32	031154E	1000	121.696	129.836	5.4
Aroclor 1260	GC21B-1358-33	031160A	20.0	163.077		
	GC21B-1358-34	031160B	100	185.477		
	GC21B-1358-35	031160C	250	184.114		
	GC21B-1358-36	031160D	500	178.429		
	GC21B-1358-37	031160E	1000	173.465	176.912	5.1
Aroclor 1262	GC21B-1358-38	031162A	20.0	183.589		
	GC21B-1358-39	031162B	100	186.133		
	GC21B-1358-40	031162C	250	199.774		
	GC21B-1358-41	031162D	500	187.716		
	GC21B-1358-42	031162E	1000	185.774	188.597	3.4

FORM VI-CLP-PCB(NEA-PACE)

Print Date: 7/22/2011
Lims Version : 5.0.5.8

6F-1
PCB INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Laboratory Name: NEA - A Division of PACE
SDG NO: 11070002
ELAP ID No: 11078
Date(s) Analyzed: 03/11/11,03/12/11,03/14/11
Instrument ID: GC21B
GC Column: Phenomenex, Zebron ZB-5, 30 m, 0.25 mm ID, 0.25 µm

COMPOUND	LAB FILE ID	NEA SAMPLE ID	AMOUNT (ppb)	TOTAL[1] RF	MEAN RF	% RSD
Aroclor 1268	GC21B-1358-43	031168A	20.0	348.303		
	GC21B-1358-44	031168B	100	356.499		
	GC21B-1358-45	031168C	250	340.982		
	GC21B-1358-46	031168D	500	326.090		
	GC21B-1358-47	031168E	1000	319.904	338.356	4.5
TCMX	GC21B-1358-29	031154A	2.00	533.555		
	GC21B-1358-28	031154B	5.00	502.196		
	GC21B-1358-30	031154C	8.00	497.695		
	GC21B-1358-31	031154D	10.0	483.808		
	GC21B-1358-32	031154E	20.0	468.488	497.148	4.9
4,4'-Dibromobiphenyl	GC21B-1358-60	0314FSA	20.0	297.154		
	GC21B-1358-61	0314FSB	50.0	284.899		
	GC21B-1358-62	0314FSC	80.0	275.012		
	GC21B-1358-63	0314FSD	100	263.534		
	GC21B-1358-64	0314FSE	200	254.528	275.025	6.1
DCBP	GC21B-1358-29	031154A	20.0	575.342		
	GC21B-1358-28	031154B	50.0	571.216		
	GC21B-1358-30	031154C	80.0	532.309		
	GC21B-1358-31	031154D	100	529.661		
	GC21B-1358-32	031154E	200	519.739	545.654	4.7

% RSD Limit <= 20%
TCMX=TETRACHLOROMETAXYLENE
DCBP=DECACHLOROBIPHENYL

[1] Response factor calculated using total area of 5 peaks used to quantitate each Aroclor. Mean response factor not used in Aroclor quantitation, calibration curve by linear regression used for quantitation. Concentrations are nominal values, please see Calibration Curve Report Point Table for actual values.

12

INITIAL/CONTINUING CALIBRATION DATA (GC21B)

13

7E-1
PCB CALIBRATION VERIFICATION SUMMARY

Laboratory Name: NEA - A Division of PACE
SDG NO: 11070002
ELAP ID No: 11078
Instrument ID: GC21B
GC Column: Phenomenex, Zebron ZB-5, 30 m, 0.25 mm ID, 0.25 µm

COMPOUND	LAB FILE ID	NEA SAMPLE ID	CALIB TYPE	CALC AMOUNT (ng/mL)	NOM AMOUNT (ng/mL)	PERCENT DIFFERENCE	Q	DATE / TIME ANALYZED
Aroclor 1016	GC21B-1358-66	CS160314A	ICV	484	500	-3.19		03/14/2011 14:08:31
Aroclor 1221	GC21B-1358-67	CS210314A	ICV	492	500	-1.64		03/14/2011 14:41:22
Aroclor 1232	GC21B-1358-68	CS320314A	ICV	464	500	-7.24		03/14/2011 15:14:13
Aroclor 1242	GC21B-1358-69	CS420314A	ICV	455	500	-8.93		03/14/2011 15:47:04
Aroclor 1248	GC21B-1358-70	CS480314A	ICV	474	500	-5.14		03/14/2011 16:19:55
Aroclor 1254	GC21B-1358-71	CS540314A	ICV	489	500	-2.17		03/14/2011 16:52:46
Aroclor 1260	GC21B-1358-72	CS600314A	ICV	458	500	-8.44		03/14/2011 17:25:37
Aroclor 1262	GC21B-1358-73	CS620314A	ICV	502	500	0.383		03/14/2011 17:58:28
Aroclor 1268	GC21B-1358-74	CS680314A	ICV	473	500	-5.31		03/14/2011 18:31:20
Aroclor 1221	GC21B-1454-10	CS210703A	CCV	556	500	11.1		07/03/2011 22:52:50
Aroclor 1232	GC21B-1454-20	CS320703A	CCV	549	500	9.79		07/04/2011 04:21:00
Aroclor 1242	GC21B-1454-30	CS420703A	CCV	496	500	-0.747		07/04/2011 09:49:12

% Difference must be less than or equal to +/- 15 percent
ICV = Initial Calibration Verification
CCV = Continuing Calibration Verification

13

7E-2
PCB CALIBRATION VERIFICATION SUMMARY

Laboratory Name: NEA - A Division of PACE
SGD NO: 11070002
ELAP ID No: 11078
Instrument ID: GC21B
GC Column: Phenomenex, Zebron ZB-5, 30 m, 0.25 mm ID, 0.25 µm

COMPOUND	Lab File ID	NEA Sample ID	CALIB* TYPE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO
Aroclor 1016	GC21B-1358-66	CS160314A	ICV	1	8.13	8.05	8.21
		CS160314A	ICV	2	8.54	8.46	8.62
		CS160314A	ICV	3	9.15	9.07	9.23
		CS160314A	ICV	4	9.38	9.30	9.46
		CS160314A	ICV	5	9.56	9.48	9.64
Aroclor 1221	GC21B-1358-67	CS210314A	ICV	1	5.32	5.24	5.40
		CS210314A	ICV	2	6.47	6.39	6.55
		CS210314A	ICV	3	6.94	6.86	7.02
		CS210314A	ICV	4	7.15	7.07	7.23
		CS210314A	ICV	5	7.27	7.19	7.35
Aroclor 1232	GC21B-1358-68	CS320314A	ICV	1	7.27	7.19	7.35
		CS320314A	ICV	2	8.53	8.45	8.61
		CS320314A	ICV	3	9.14	9.06	9.22
		CS320314A	ICV	4	9.37	9.29	9.45
		CS320314A	ICV	5	9.55	9.47	9.63
Aroclor 1242	GC21B-1358-69	CS420314A	ICV	1	8.13	8.05	8.21
		CS420314A	ICV	2	8.54	8.46	8.62
		CS420314A	ICV	3	9.15	9.07	9.23
		CS420314A	ICV	4	9.38	9.30	9.46
		CS420314A	ICV	5	9.56	9.48	9.64
Aroclor 1248	GC21B-1358-70	CS480314A	ICV	1	10.07	9.99	10.15
		CS480314A	ICV	2	10.81	10.73	10.89
		CS480314A	ICV	3	11.42	11.34	11.50
		CS480314A	ICV	4	11.62	11.54	11.70
		CS480314A	ICV	5	12.09	12.01	12.17
Aroclor 1254	GC21B-1358-71	CS540314A	ICV	1	12.28	12.20	12.36
		CS540314A	ICV	2	13.05	12.97	13.13
		CS540314A	ICV	3	13.34	13.26	13.42
		CS540314A	ICV	4	14.82	14.74	14.90
		CS540314A	ICV	5	15.69	15.61	15.77
Aroclor 1260	GC21B-1358-72	CS600314A	ICV	1	15.68	15.60	15.76
		CS600314A	ICV	2	17.95	17.87	18.03
		CS600314A	ICV	3	19.14	19.06	19.22
		CS600314A	ICV	4	19.78	19.70	19.86
		CS600314A	ICV	5	22.41	22.33	22.49
Aroclor 1262	GC21B-1358-73	CS620314A	ICV	1	15.69	15.61	15.77
		CS620314A	ICV	2	17.96	17.88	18.04
		CS620314A	ICV	3	19.14	19.06	19.22

13

FORM VII-CLP-PCB(NEA-PACE

Print Date: 7/22/2011
Lims Version : 5.0.5.8

7E-2
PCB CALIBRATION VERIFICATION SUMMARY

Laboratory Name: NEA - A Division of PACE
SGD NO: 11070002
ELAP ID No: 11078
Instrument ID: GC21B
GC Column: Phenomenex, Zebron ZB-5, 30 m, 0.25 mm ID, 0.25 µm

COMPOUND	Lab File ID	NEA Sample ID	CALIB TYPE*	PEAK	RT	RT WINDOW FROM	RT WINDOW TO
Aroclor 1262		CS620314A	ICV	4	19.78	19.70	19.86
		CS620314A	ICV	5	22.41	22.33	22.49
Aroclor 1268	GC21B-1358-74	CS680314A	ICV	1	19.77	19.69	19.85
		CS680314A	ICV	2	22.41	22.33	22.49
		CS680314A	ICV	3	19.53	19.45	19.61
		CS680314A	ICV	4	21.20	21.12	21.28
		CS680314A	ICV	5	21.64	21.56	21.72

* ICV = Initial Calibration Verification
CCV = Continuing Calibration Verification

13

7E-2
PCB CALIBRATION VERIFICATION SUMMARY

Laboratory Name: NEA - A Division of PACE
SGD NO: 11070002
ELAP ID No: 11078
Instrument ID: GC21B
GC Column: Phenomenex, Zebron ZB-5, 30 m, 0.25 mm ID, 0.25 µm

COMPOUND	Lab File ID	NEA Sample ID	CALIB TYPE*	PEAK	RT	RT WINDOW FROM	RT WINDOW TO
Aroclor 1221	GC21B-1454-10	CS210703A	CCV	1	5.32	5.24	5.40
		CS210703A	CCV	2	6.47	6.39	6.55
		CS210703A	CCV	3	6.94	6.86	7.02
		CS210703A	CCV	4	7.15	7.07	7.23
		CS210703A	CCV	5	7.27	7.19	7.35
Aroclor 1232	GC21B-1454-20	CS320703A	CCV	1	7.27	7.19	7.35
		CS320703A	CCV	2	8.53	8.45	8.61
		CS320703A	CCV	3	9.14	9.06	9.22
		CS320703A	CCV	4	9.37	9.29	9.45
		CS320703A	CCV	5	9.55	9.47	9.63
Aroclor 1242	GC21B-1454-30	CS420703A	CCV	1	8.12	8.05	8.21
		CS420703A	CCV	2	8.53	8.46	8.62
		CS420703A	CCV	3	9.14	9.07	9.23
		CS420703A	CCV	4	9.37	9.30	9.46
		CS420703A	CCV	5	9.55	9.48	9.64

* ICV = Initial Calibration Verification
CCV = Continuing Calibration Verification

13

QC SAMPLE RAW DATA

14

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name:	NEA - A Division of PACE	SDG No:	11070002
ELAP ID No:	11078	LRF ID:	PBLK-31
Matrix:	Wipe	Client ID:	METHOD BLANK
Sample wt(Dry)/vol:	N/A	Lab Sample ID:	AO10736B
Percent Moisture:	N/A	Lab File ID:	GC21F-1519-15
Extraction:	Soxhlet Method (3540C)	Date Received:	
Conc. Extract Volume:	5000 uL	Date Extracted:	07/01/2011
Injection Volume:	1.0 uL	Date Analyzed:	07/04/2011
Method:	SW-846 8082 (PCB)	Dilution Factor:	1
GC Column:	Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm	Sulfur Cleanup:	YES

CAS NO	COMPOUND NAME	CONCENTRATION UG/WIPE	Q
12674-11-2	Aroclor 1016	0.100	U
11104-28-2	Aroclor 1221	0.100	U
11141-16-5	Aroclor 1232	0.100	U
53469-21-9	Aroclor 1242	0.100	U
12672-29-6	Aroclor 1248	0.100	U
11097-69-1	Aroclor 1254	0.100	U
11096-82-5	Aroclor 1260	0.100	U
37324-23-5	Aroclor 1262	0.100	U
11100-14-4	Aroclor 1268	0.100	U

Laboratory Qualifiers:
U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.

14

FORM I-CLP-PCB (NEA)

Print Date: 7/22/2011
Lims Version : 5.0.5.8

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name:	NEA - A Division of PACE	SDG No:	11070002
ELAP ID No:	11078	LRF ID:	PBLK-31
Matrix:	Wipe	Client ID:	METHOD BLANK
Sample wt(Dry)/vol:	N/A	Lab Sample ID:	AO10736B
Percent Moisture:	N/A	Lab File ID:	GC21B-1454-15
Extraction:	Soxhlet Method (3540C)	Date Received:	
Conc. Extract Volume:	5000 uL	Date Extracted:	07/01/2011
Injection Volume:	1.0 uL	Date Analyzed:	07/04/2011
Method:	SW-846 8082 (PCB)	Dilution Factor:	1
GC Column:	Phenomenex, Zebron ZB-5, 30 m, 0.25 mm ID, 0.25 µm	Sulfur Cleanup:	YES

CAS NO	COMPOUND NAME	CONCENTRATION UG/WIPE	Q
12674-11-2	Aroclor 1016	0.100	U
11104-28-2	Aroclor 1221	0.100	U
11141-16-5	Aroclor 1232	0.100	U
53469-21-9	Aroclor 1242	0.100	U
12672-29-6	Aroclor 1248	0.100	U
11097-69-1	Aroclor 1254	0.100	U
11096-82-5	Aroclor 1260	0.100	U
37324-23-5	Aroclor 1262	0.100	U
11100-14-4	Aroclor 1268	0.100	U

Laboratory Qualifiers:
U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.

14

FORM I-CLP-PCB (NEA)

Print Date: 7/22/2011
Lims Version : 5.0.5.8

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name:	NEA - A Division of PACE	SDG No:	11070002
ELAP ID No:	11078	LRF ID:	LCS-31
Matrix:	Wipe	Client ID:	LAB CONTROL SPIKE
Sample wt(Dry)/vol:	N/A	Lab Sample ID:	AO10736L
Percent Moisture:	N/A	Lab File ID:	GC21F-1519-16
Extraction:	Soxhlet Method (3540C)	Date Received:	
Conc. Extract Volume:	5000 uL	Date Extracted:	07/01/2011
Injection Volume:	1.0 uL	Date Analyzed:	07/04/2011
Method:	SW-846 8082 (PCB)	Dilution Factor:	1
GC Column:	Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm	Sulfur Cleanup:	YES

CAS NO	COMPOUND NAME	CONCENTRATION UG/WIPE	Q
12674-11-2	Aroclor 1016	0.100	U
11104-28-2	Aroclor 1221	0.100	U
11141-16-5	Aroclor 1232	0.100	U
53469-21-9	Aroclor 1242	0.100	U
12672-29-6	Aroclor 1248	0.100	U
11097-69-1	Aroclor 1254	1.31	
11096-82-5	Aroclor 1260	0.100	U
37324-23-5	Aroclor 1262	0.100	U
11100-14-4	Aroclor 1268	0.100	U

Laboratory Qualifiers:
U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.

14

FORM I-CLP-PCB (NEA)

Print Date: 7/22/2011
Lims Version : 5.0.5.8

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name:	NEA - A Division of PACE	SDG No:	11070002
ELAP ID No:	11078	LRF ID:	LCS-31
Matrix:	Wipe	Client ID:	LAB CONTROL SPIKE
Sample wt(Dry)/vol:	N/A	Lab Sample ID:	AO10736L
Percent Moisture:	N/A	Lab File ID:	GC21B-1454-16
Extraction:	Soxhlet Method (3540C)	Date Received:	
Conc. Extract Volume:	5000 uL	Date Extracted:	07/01/2011
Injection Volume:	1.0 uL	Date Analyzed:	07/04/2011
Method:	SW-846 8082 (PCB)	Dilution Factor:	1
GC Column:	Phenomenex, Zebron ZB-5, 30 m, 0.25 mm ID, 0.25 µm	Sulfur Cleanup:	YES

CAS NO	COMPOUND NAME	CONCENTRATION UG/WIPE	Q
12674-11-2	Aroclor 1016	0.100	U
11104-28-2	Aroclor 1221	0.100	U
11141-16-5	Aroclor 1232	0.100	U
53469-21-9	Aroclor 1242	0.100	U
12672-29-6	Aroclor 1248	0.100	U
11097-69-1	Aroclor 1254	1.31	
11096-82-5	Aroclor 1260	0.100	U
37324-23-5	Aroclor 1262	0.100	U
11100-14-4	Aroclor 1268	0.100	U

Laboratory Qualifiers:
U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.

14

FORM I-CLP-PCB (NEA)

Print Date: 7/22/2011
Lims Version : 5.0.5.8

10-B
PCB Identification Summary

Laboratory Name:	NEA - A Division of PACE	SDG No:	11070002
ELAP ID No:	11078	Client ID:	LCS-31(LAB CONTROL SPIKE)
LRF Sample ID:	LCS-31	Lab Sample ID:	AO10736L
Instrument 1 ID:	GC21F	Instrument 2 ID:	GC21B
Date Analyzed:	07/04/2011 2:09:40 AM	Date Analyzed:	07/04/2011 2:09:44 AM
GC Column 1:	Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm	GC Column 2:	Phenomenex, Zebron ZB-5, 30 m, 0.25 mm ID, 0.25 µm
Lab File ID 1:	GC21F-1519-16	Lab File ID 2:	GC21B-1454-16
Matrix:	Wipe		

Analyte	Column	Peak	RT (min)	RT Window		Concentration (ug/Wipe)	RPD (%)	*
				From	To			
Aroclor 1016	1	1	NA	7.46	7.62			
		2	NA	7.84	8.00			
		3	NA	8.46	8.62			
		4	NA	8.67	8.83			
		5	NA	8.80	8.96			
	2	1	NA	8.05	8.21			
		2	NA	8.46	8.62			
		3	NA	9.07	9.23			
		4	NA	9.30	9.46			
		5	NA	9.48	9.64			
Aroclor 1221	1	1	NA	4.45	4.61			
		2	NA	5.69	5.85			
		3	NA	6.25	6.41			
		4	NA	6.44	6.60			
		5	NA	6.56	6.72			
	2	1	NA	5.24	5.40			
		2	NA	6.39	6.55			
		3	NA	6.86	7.02			
		4	NA	7.07	7.23			
		5	NA	7.19	7.35			
Aroclor 1232	1	1	NA	6.56	6.72			
		2	NA	7.83	7.99			
		3	NA	8.45	8.61			
		4	NA	8.66	8.82			
		5	NA	8.80	8.96			
	2	1	NA	7.19	7.35			
		2	NA	8.45	8.61			
		3	NA	9.06	9.22			
		4	NA	9.29	9.45			
		5	NA	9.47	9.63			
Aroclor 1242	1	1	NA	7.46	7.62			
		2	NA	7.84	8.00			
		3	NA	8.46	8.62			
		4	NA	8.67	8.83			
		5	NA	8.80	8.96			
	2	1	NA	8.05	8.21			
		2	NA	8.46	8.62			
		3	NA	9.07	9.23			
		4	NA	9.30	9.46			
		5	NA	9.48	9.64			

Relative Percent Difference Limit = 40.0%

FORM 10-CLP-PCB(NEA-PACE)

Print Date: 7/22/2011
Lims Version : 5.0.5.8

10-B
PCB Identification Summary

Laboratory Name:	NEA - A Division of PACE	SDG No:	11070002
ELAP ID No:	11078	Client ID:	LCS-31(LAB CONTROL SPIKE)
LRF Sample ID:	LCS-31	Lab Sample ID:	AO10736L
Instrument 1 ID:	GC21F	Instrument 2 ID:	GC21B
Date Analyzed:	07/04/2011 2:09:40 AM	Date Analyzed:	07/04/2011 2:09:44 AM
GC Column 1:	Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm	GC Column 2:	Phenomenex, Zebron ZB-5, 30 m, 0.25 mm ID, 0.25 µm
Lab File ID 1:	GC21F-1519-16	Lab File ID 2:	GC21B-1454-16
Matrix:	Wipe		

Analyte	Column	Peak	RT (min)	RT Window From	RT Window To	Concentration (ug/Wipe)	RPD (%)	*
Aroclor 1248	1	1	NA	9.37	9.53			
		2	NA	10.02	10.18			
		3	NA	10.65	10.81			
		4	NA	10.81	10.97			
		5	NA	11.21	11.37			
	2	1	NA	9.99	10.15			
		2	NA	10.73	10.89			
		3	NA	11.34	11.50			
		4	NA	11.54	11.70			
		5	NA	12.01	12.17			
Aroclor 1254	1	1	11.60	11.52	11.68			
		2	12.25	12.17	12.33			
		3	12.53	12.45	12.61			
		4	14.00	13.91	14.07			
		5	14.81	14.73	14.89	1.31		
	2	1	12.27	12.20	12.36			
		2	13.05	12.97	13.13			
		3	13.34	13.26	13.42			
		4	14.82	14.74	14.90			
		5	15.69	15.61	15.77	1.31	0.00	
Aroclor 1260	1	1	14.81	14.73	14.89			
		2	NA	16.94	17.10			
		3	NA	17.80	17.96			
		4	NA	18.54	18.70			
		5	NA	20.66	20.82			
	2	1	15.69	15.60	15.76			
		2	NA	17.87	18.03			
		3	NA	19.06	19.22			
		4	NA	19.70	19.86			
		5	NA	22.33	22.49			
Aroclor 1262	1	1	14.81	14.73	14.89			
		2	NA	16.94	17.10			
		3	NA	17.80	17.96			
		4	NA	18.55	18.71			
		5	NA	20.67	20.83			
	2	1	15.69	15.61	15.77			
		2	NA	17.88	18.04			
		3	NA	19.06	19.22			
		4	NA	19.70	19.86			
		5	NA	22.33	22.49			

Relative Percent Difference Limit = 40.0%

FORM 10-CLP-PCB(NEA-PACE)

Print Date: 7/22/2011
Lims Version : 5.0.5.8

10-B
PCB Identification Summary

Laboratory Name:	NEA - A Division of PACE	SDG No:	11070002
ELAP ID No:	11078	Client ID:	LCS-31(LAB CONTROL SPIKE)
LRF Sample ID:	LCS-31	Lab Sample ID:	AO10736L
Instrument 1 ID:	GC21F	Instrument 2 ID:	GC21B
Date Analyzed:	07/04/2011 2:09:40 AM	Date Analyzed:	07/04/2011 2:09:44 AM
GC Column 1:	Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm	GC Column 2:	Phenomenex, Zebron ZB-5, 30 m, 0.25 mm ID, 0.25 µm
Lab File ID 1:	GC21F-1519-16	Lab File ID 2:	GC21B-1454-16
Matrix:	Wipe		

Analyte	Column	Peak	RT (min)	RT Window		Concentration (ug/Wipe)	RPD (%)	*
				From	To			
Aroclor 1268	1	1	NA	18.55	18.71			
		2	NA	20.66	20.82			
		3	NA	18.33	18.49			
		4	NA	19.80	19.96			
		5	NA	20.15	20.31			
	2	1	NA	19.69	19.85			
		2	NA	22.33	22.49			
		3	NA	19.45	19.61			
		4	NA	21.12	21.28			
		5	NA	21.56	21.72			

14

Relative Percent Difference Limit = 40.0%

FORM 10-CLP-PCB(NEA-PACE)

Print Date: 7/22/2011
Lims Version : 5.0.5.8

CERTIFICATES OF ANALYSIS (PCB)

15

Analytical Sample Results

NEA Job Number: 11070002

NEA Laboratory, Division of Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: TRC ENVIRONMENTAL
Project: 115058 NBHS PCB SAMPLING
Client Sample ID: PLY-WIPE-129
Lab Sample ID: 11070002-05 (AO10763)

Collection Date: 06/30/2011 14:29
Sample Matrix: WIPE
Received Date: 07/01/2011 09:14
Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC21F-1519-26	SW-846 8082 (PCB)	07/04/2011 07:37	JES	NA	NA	Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm
Prep 1:	14399	EPA 3540C	07/01/2011 14:45	JWO	2 Wipe(s)	5.00 mL	NA

Analyte	CAS No.	Result (ug/Wipe)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.100	1.00	U	GC21F-1519-26
Aroclor 1221	11104-28-2	ND	0.100	1.00	U	GC21F-1519-26
Aroclor 1232	11141-16-5	ND	0.100	1.00	U	GC21F-1519-26
Aroclor 1242	53469-21-9	ND	0.100	1.00	U	GC21F-1519-26
Aroclor 1248	12672-29-6	ND	0.100	1.00	U	GC21F-1519-26
Aroclor 1254	11097-69-1	ND	0.100	1.00	U	GC21F-1519-26
Aroclor 1260	11096-82-5	ND	0.100	1.00	U	GC21F-1519-26
Aroclor 1262	37324-23-5	ND	0.100	1.00	U	GC21F-1519-26
Aroclor 1268	11100-14-4	ND	0.100	1.00	U	GC21F-1519-26
Total PCB's	1336-36-3	ND		1.00	U	GC21F-1519-26

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Tetrachloro-meta-xylene	877-09-8	96.1	60.0-140		GC21F-1519-26
Decachlorobiphenyl	2051-24-3	111	60.0-140		GC21F-1519-26
Tetrachloro-meta-xylene	877-09-8	92.9	60.0-140		GC21B-1454-26
Decachlorobiphenyl	2051-24-3	109	60.0-140		GC21B-1454-26

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

15

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Analytical Sample Results

NEA Job Number: 11070002

NEA Laboratory, Division of Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: TRC ENVIRONMENTAL
Project: 115058 NBHS PCB SAMPLING
Client Sample ID: PLY-WIPE-131
Lab Sample ID: 11070002-07 (AO10765)

Collection Date: 06/30/2011 14:31
Sample Matrix: WIPE
Received Date: 07/01/2011 09:14
Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC21F-1519-27	SW-846 8082 (PCB)	07/04/2011 08:10	JES	NA	NA	Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm
Prep 1:	14399	EPA 3540C	07/01/2011 14:45	JWO	2 Wipe(s)	5.00 mL	NA

Analyte	CAS No.	Result (ug/Wipe)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.100	1.00	U	GC21F-1519-27
Aroclor 1221	11104-28-2	ND	0.100	1.00	U	GC21F-1519-27
Aroclor 1232	11141-16-5	ND	0.100	1.00	U	GC21F-1519-27
Aroclor 1242	53469-21-9	ND	0.100	1.00	U	GC21F-1519-27
Aroclor 1248	12672-29-6	ND	0.100	1.00	U	GC21F-1519-27
Aroclor 1254	11097-69-1	ND	0.100	1.00	U	GC21F-1519-27
Aroclor 1260	11096-82-5	ND	0.100	1.00	U	GC21F-1519-27
Aroclor 1262	37324-23-5	ND	0.100	1.00	U	GC21F-1519-27
Aroclor 1268	11100-14-4	ND	0.100	1.00	U	GC21F-1519-27
Total PCB's	1336-36-3	ND		1.00	U	GC21F-1519-27

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Tetrachloro-meta-xylene	877-09-8	97.9	60.0-140		GC21F-1519-27
Decachlorobiphenyl	2051-24-3	112	60.0-140		GC21F-1519-27
Tetrachloro-meta-xylene	877-09-8	96.1	60.0-140		GC21B-1454-27
Decachlorobiphenyl	2051-24-3	112	60.0-140		GC21B-1454-27

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

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Analytical Sample Results

NEA Job Number: 11070002

NEA Laboratory, Division of Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: TRC ENVIRONMENTAL
Project: 115058 NBHS PCB SAMPLING
Client Sample ID: PLY-WIPE-134
Lab Sample ID: 11070002-10 (AO10768)

Collection Date: 06/30/2011 14:34
Sample Matrix: WIPE
Received Date: 07/01/2011 09:14
Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC21F-1519-28	SW-846 8082 (PCB)	07/04/2011 08:43	JES	NA	NA	Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm
Prep 1:	14399	EPA 3540C	07/01/2011 14:45	JWO	2 Wipe(s)	5.00 mL	NA

Analyte	CAS No.	Result (ug/Wipe)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.100	1.00	U	GC21F-1519-28
Aroclor 1221	11104-28-2	ND	0.100	1.00	U	GC21F-1519-28
Aroclor 1232	11141-16-5	ND	0.100	1.00	U	GC21F-1519-28
Aroclor 1242	53469-21-9	ND	0.100	1.00	U	GC21F-1519-28
Aroclor 1248	12672-29-6	ND	0.100	1.00	U	GC21F-1519-28
Aroclor 1254	11097-69-1	ND	0.100	1.00	U	GC21F-1519-28
Aroclor 1260	11096-82-5	ND	0.100	1.00	U	GC21F-1519-28
Aroclor 1262	37324-23-5	ND	0.100	1.00	U	GC21F-1519-28
Aroclor 1268	11100-14-4	ND	0.100	1.00	U	GC21F-1519-28
Total PCB's	1336-36-3	ND		1.00	U	GC21F-1519-28

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Tetrachloro-meta-xylene	877-09-8	96.1	60.0-140		GC21F-1519-28
Decachlorobiphenyl	2051-24-3	107	60.0-140		GC21F-1519-28
Tetrachloro-meta-xylene	877-09-8	97.9	60.0-140		GC21B-1454-28
Decachlorobiphenyl	2051-24-3	112	60.0-140		GC21B-1454-28

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

15

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Date: July 05, 2011

NEA PACE Analytical e-Report

***Issuance of this report is prior to full data package.**

Report prepared for:
TRC ENVIRONMENTAL
WANNALANCIT MILLS
650 SUFFOLK ST
LOWELL, MA 01854
CONTACT: DAVID SULLIVAN

Project ID: 115058 NBHS PCB SAMPLING
Sampling Date(s): June 30, 2011
NEA Report ID: 11070003
Client Service Contact: William Kotas (518) 346-4592 ext. 17

Analysis Included:
PCB Analysis (Solid)

Test results meet all National Environmental Laboratory Accreditation Conference (NELAC) requirements unless noted in the case narrative. The results contained within the document relate only to the samples included in this report. This report shall not be reproduced, except in full, without the written consent of NEA - A Division of Pace Analytical Services, Inc.

Robert E. Wagner
Laboratory Director

Certifications: NYS (EPA: NY00906, ELAP: 11078), NJ (NY026), CT (PH-0337), MA(M-NY906), NC (668)

NEA - A Division of Pace Analytical Services| 2190 Technology Drive | Schenectady, NY 12308
Phone: 518.346.4592 | internet: www.nealab.com | Email: information@nealab.com

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Table of Contents

Section 1: QUALIFIERS 4

Section 2: SAMPLE CHAIN OF CUSTODY 6

Section 3: GC - PCB 8

Section 4: GC - PCB QC 20

QUALIFIERS

Organic Laboratory Qualifiers Defined

B - Denotes analyte observed in associated method blank or extraction blank. Analyte concentration should be considered as estimated.

D - Surrogate was diluted out. The analysis of the sample required a dilution such that the surrogate concentration was diluted below the laboratory acceptance criteria.

E - Denotes analyte concentration exceeded calibration range of instrument. Sample could not be re-analyzed at secondary dilution due to insufficient sample amount, quick turn-around request, sample matrix interference or hold time excursion. Concentration result should be considered as estimated.

J - Denotes an estimated concentration. The concentration result is greater than or equal to the Method Detection Limit (MDL) but less than the Reporting Limit (RL).

P - Indicates relative percent difference (RPD) between primary and secondary GC column analysis exceeds 40 % or indicates percent difference (PD) between primary and secondary GC column analysis exceeds 25 %.

U - Denotes analyte not detected at concentration greater than or equal to the RL. RL's are adjusted for sample weight/volume and dilution factors.

Z - Chromatographic interference due to PCB co-elution.

* - Value not within control limits.

Inorganic Laboratory Qualifiers Defined

B - Denotes analyte observed in associated method blank or digestion blank. Analyte concentration should be considered as estimated.

E - Denotes analyte concentration exceeded calibration range of instrument. Sample could not be re-analyzed at secondary dilution due to insufficient sample amount, quick turn-around request, sample matrix interference or hold time excursion. Concentration result should be considered as estimated.

J - Denotes an estimated concentration. The concentration result is greater than or equal to the Method Detection Limit (MDL) but less than the Reporting Limit (RL).

U - Denotes analyte not detected at concentration greater than or equal to the RL. RL's are adjusted for sample weight/volume and dilution factors.

* - Value not within control limits.

SAMPLE CHAIN OF CUSTODY

Pace Analytical®
www.pacelabs.com

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

<11070003P1>

110700031

Page: of

1466637

Section A Required Client Information:

Company: TEC
Address: 650 SUFFOLK ST
LOWELL, MA 01854
Email To: DSULLIVAN@TECSOLUTIONS.COM
Phone: 978-656-3565 Fax:
Requested Due Date/TAT: 24 Hr

Section B Required Project Information:

Report To: DAVE SULLIVAN
Copy To: JOHN MULHALL
MALCOLM BEELER, AECOM
Purchase Order No.:
Project Name: NBHS
Project Number: 115058/8203

Section C Invoice Information:

Attention:
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager:
Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☒ OTHER ERP

Site Location STATE: MA

Requested Analysis Filtered (Y/N)

Section D Required Client Information

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Matrix Codes (MATRIX / CODE): Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED Composite Start DATE	Composite Start TIME	Composite End/Grab DATE	Composite End/Grab TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other HEXANE	Analysis Test: PCB	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	TEC PLY-WIPE-137	WT	6			6/28	1437		1								X	X		A010771
2	PLY-BULK-138	SL					1438		1									X		A010772
3	-139						1439		1									X		A010773
4	-140						1440		1									X		A010774
5	-141						1441		1									X		A010775
6	-142						1442		1									X		A010776
7	-143						1443		1									X		A010777
8	-144						1444		1									X		A010778
9	-145						1445		1									X		A010779
10	-146						1446		1									X		A010780
11	-147						1447		1									X		A010781
12	-148						1448		1									X		A010782

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	[signature]	6/30/11	1900	FEDEX			1.7	Y	Y	Y
	FEDEX			K Houghton PACE	7-1-11	09:14				

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: JOHN MULHALL

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 6/30/11

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-May-2007

GC - PCB

Analytical Sample Results

NEA Job Number: 11070003

NEA Laboratory, Division of Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: TRC ENVIRONMENTAL
Project: 115058 NBHS PCB SAMPLING
Client Sample ID: PLY-BULK-138
Lab Sample ID: 11070003-02 (AO10772)

Collection Date: 06/30/2011 14:38
Sample Matrix: SOLID
Received Date: 07/01/2011 09:14
Percent Solid: 100 - Results are based on dry weight unless otherwise noted.

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC21F-1519-32	SW-846 8082 (PCB)	07/04/2011 10:54	TEH	NA	NA	Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm
Prep 1:	14396	EPA 3540C	07/01/2011 13:15	TJH	3.67 g	25.0 mL	NA

3

Analyte	CAS No.	Result (ug/g)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.136	1.00	U	GC21F-1519-32
Aroclor 1221	11104-28-2	ND	0.136	1.00	U	GC21F-1519-32
Aroclor 1232	11141-16-5	ND	0.136	1.00	U	GC21F-1519-32
Aroclor 1242	53469-21-9	ND	0.136	1.00	U	GC21F-1519-32
Aroclor 1248	12672-29-6	ND	0.136	1.00	U	GC21F-1519-32
Aroclor 1254	11097-69-1	ND	0.136	1.00	U	GC21F-1519-32
Aroclor 1260	11096-82-5	ND	0.136	1.00	U	GC21F-1519-32
Total PCB Amount > RL	1336-36-3	ND		1.00	U	GC21F-1519-32

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Tetrachloro-meta-xylene	877-09-8	93.1	60.0-140		GC21F-1519-32
Decachlorobiphenyl	2051-24-3	105	60.0-140		GC21F-1519-32
Tetrachloro-meta-xylene	877-09-8	92.5	60.0-140		GC21B-1454-32
Decachlorobiphenyl	2051-24-3	101	60.0-140		GC21B-1454-32

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

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Analytical Sample Results

NEA Job Number: 11070003

NEA Laboratory, Division of Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: TRC ENVIRONMENTAL
Project: 115058 NBHS PCB SAMPLING
Client Sample ID: PLY-BULK-139
Lab Sample ID: 11070003-03 (AO10773)

Collection Date: 06/30/2011 14:39
Sample Matrix: SOLID
Received Date: 07/01/2011 09:14
Percent Solid: 100 - Results are based on dry weight unless otherwise noted.

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC21F-1519-33	SW-846 8082 (PCB)	07/04/2011 11:27	TEH	NA	NA	Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm
Prep 1:	14396	EPA 3540C	07/01/2011 13:16	TJH	4.55 g	25.0 mL	NA

3

Analyte	CAS No.	Result (ug/g)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.110	1.00	U	GC21F-1519-33
Aroclor 1221	11104-28-2	ND	0.110	1.00	U	GC21F-1519-33
Aroclor 1232	11141-16-5	ND	0.110	1.00	U	GC21F-1519-33
Aroclor 1242	53469-21-9	ND	0.110	1.00	U	GC21F-1519-33
Aroclor 1248	12672-29-6	ND	0.110	1.00	U	GC21F-1519-33
Aroclor 1254	11097-69-1	ND	0.110	1.00	U	GC21F-1519-33
Aroclor 1260	11096-82-5	ND	0.110	1.00	U	GC21F-1519-33
Total PCB Amount > RL	1336-36-3	ND		1.00	U	GC21F-1519-33

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Tetrachloro-meta-xylene	877-09-8	96.3	60.0-140		GC21F-1519-33
Decachlorobiphenyl	2051-24-3	104	60.0-140		GC21F-1519-33
Tetrachloro-meta-xylene	877-09-8	96.4	60.0-140		GC21B-1454-33
Decachlorobiphenyl	2051-24-3	105	60.0-140		GC21B-1454-33

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

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Analytical Sample Results

NEA Job Number: 11070003

NEA Laboratory, Division of Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: TRC ENVIRONMENTAL
Project: 115058 NBHS PCB SAMPLING
Client Sample ID: PLY-BULK-140
Lab Sample ID: 11070003-04 (AO10774)

Collection Date: 06/30/2011 14:40
Sample Matrix: SOLID
Received Date: 07/01/2011 09:14
Percent Solid: 100 - Results are based on dry weight unless otherwise noted.

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC21F-1519-34	SW-846 8082 (PCB)	07/04/2011 12:00	TEH	NA	NA	Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm
Prep 1:	14396	EPA 3540C	07/01/2011 13:17	TJH	5.04 g	25.0 mL	NA

3

Analyte	CAS No.	Result (ug/g)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.0993	1.00	U	GC21F-1519-34
Aroclor 1221	11104-28-2	ND	0.0993	1.00	U	GC21F-1519-34
Aroclor 1232	11141-16-5	ND	0.0993	1.00	U	GC21F-1519-34
Aroclor 1242	53469-21-9	ND	0.0993	1.00	U	GC21F-1519-34
Aroclor 1248	12672-29-6	ND	0.0993	1.00	U	GC21F-1519-34
Aroclor 1254	11097-69-1	ND	0.0993	1.00	U	GC21F-1519-34
Aroclor 1260	11096-82-5	ND	0.0993	1.00	U	GC21F-1519-34
Total PCB Amount > RL	1336-36-3	ND		1.00	U	GC21F-1519-34

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Tetrachloro-meta-xylene	877-09-8	104	60.0-140		GC21F-1519-34
Decachlorobiphenyl	2051-24-3	111	60.0-140		GC21F-1519-34
Tetrachloro-meta-xylene	877-09-8	102	60.0-140		GC21B-1454-34
Decachlorobiphenyl	2051-24-3	108	60.0-140		GC21B-1454-34

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

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Analytical Sample Results

NEA Job Number: 11070003

NEA Laboratory, Division of Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: TRC ENVIRONMENTAL
Project: 115058 NBHS PCB SAMPLING
Client Sample ID: PLY-BULK-141
Lab Sample ID: 11070003-05 (AO10775)

Collection Date: 06/30/2011 14:41
Sample Matrix: SOLID
Received Date: 07/01/2011 09:14
Percent Solid: 100 - Results are based on dry weight unless otherwise noted.

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC21F-1519-35	SW-846 8082 (PCB)	07/04/2011 12:33	TEH	NA	NA	Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm
Prep 1:	14396	EPA 3540C	07/01/2011 13:18	TJH	4.84 g	25.0 mL	NA

3

Analyte	CAS No.	Result (ug/g)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.103	1.00	U	GC21F-1519-35
Aroclor 1221	11104-28-2	ND	0.103	1.00	U	GC21F-1519-35
Aroclor 1232	11141-16-5	ND	0.103	1.00	U	GC21F-1519-35
Aroclor 1242	53469-21-9	ND	0.103	1.00	U	GC21F-1519-35
Aroclor 1248	12672-29-6	ND	0.103	1.00	U	GC21F-1519-35
Aroclor 1254	11097-69-1	ND	0.103	1.00	U	GC21F-1519-35
Aroclor 1260	11096-82-5	ND	0.103	1.00	U	GC21F-1519-35
Total PCB Amount > RL	1336-36-3	ND		1.00	U	GC21F-1519-35

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Tetrachloro-meta-xylene	877-09-8	98.3	60.0-140		GC21F-1519-35
Decachlorobiphenyl	2051-24-3	107	60.0-140		GC21F-1519-35
Tetrachloro-meta-xylene	877-09-8	93.8	60.0-140		GC21B-1454-35
Decachlorobiphenyl	2051-24-3	103	60.0-140		GC21B-1454-35

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

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Analytical Sample Results

NEA Job Number: 11070003

NEA Laboratory, Division of Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: TRC ENVIRONMENTAL
Project: 115058 NBHS PCB SAMPLING
Client Sample ID: PLY-BULK-142
Lab Sample ID: 11070003-06 (AO10776)

Collection Date: 06/30/2011 14:42
Sample Matrix: SOLID
Received Date: 07/01/2011 09:14
Percent Solid: 100 - Results are based on dry weight unless otherwise noted.

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC21F-1519-36	SW-846 8082 (PCB)	07/04/2011 13:06	TEH	NA	NA	Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm
Prep 1:	14396	EPA 3540C	07/01/2011 13:19	TJH	4.88 g	25.0 mL	NA

3

Analyte	CAS No.	Result (ug/g)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.102	1.00	U	GC21F-1519-36
Aroclor 1221	11104-28-2	ND	0.102	1.00	U	GC21F-1519-36
Aroclor 1232	11141-16-5	ND	0.102	1.00	U	GC21F-1519-36
Aroclor 1242	53469-21-9	ND	0.102	1.00	U	GC21F-1519-36
Aroclor 1248	12672-29-6	ND	0.102	1.00	U	GC21F-1519-36
Aroclor 1254	11097-69-1	ND	0.102	1.00	U	GC21F-1519-36
Aroclor 1260	11096-82-5	ND	0.102	1.00	U	GC21F-1519-36
Total PCB Amount > RL	1336-36-3	ND		1.00	U	GC21F-1519-36

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Tetrachloro-meta-xylene	877-09-8	101	60.0-140		GC21F-1519-36
Decachlorobiphenyl	2051-24-3	109	60.0-140		GC21F-1519-36
Tetrachloro-meta-xylene	877-09-8	96.7	60.0-140		GC21B-1454-36
Decachlorobiphenyl	2051-24-3	105	60.0-140		GC21B-1454-36

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

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Analytical Sample Results

NEA Job Number: 11070003

NEA Laboratory, Division of Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: TRC ENVIRONMENTAL
Project: 115058 NBHS PCB SAMPLING
Client Sample ID: PLY-BULK-143
Lab Sample ID: 11070003-07 (AO10777)

Collection Date: 06/30/2011 14:43
Sample Matrix: SOLID
Received Date: 07/01/2011 09:14
Percent Solid: 100 - Results are based on dry weight unless otherwise noted.

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC21F-1519-37	SW-846 8082 (PCB)	07/04/2011 13:38	TEH	NA	NA	Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm
Prep 1:	14396	EPA 3540C	07/01/2011 13:19	TJH	5.11 g	25.0 mL	NA

3

Analyte	CAS No.	Result (ug/g)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.0979	1.00	U	GC21F-1519-37
Aroclor 1221	11104-28-2	ND	0.0979	1.00	U	GC21F-1519-37
Aroclor 1232	11141-16-5	ND	0.0979	1.00	U	GC21F-1519-37
Aroclor 1242	53469-21-9	ND	0.0979	1.00	U	GC21F-1519-37
Aroclor 1248	12672-29-6	ND	0.0979	1.00	U	GC21F-1519-37
Aroclor 1254	11097-69-1	ND	0.0979	1.00	U	GC21F-1519-37
Aroclor 1260	11096-82-5	ND	0.0979	1.00	U	GC21F-1519-37
Total PCB Amount > RL	1336-36-3	ND		1.00	U	GC21F-1519-37

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Tetrachloro-meta-xylene	877-09-8	99.4	60.0-140		GC21F-1519-37
Decachlorobiphenyl	2051-24-3	105	60.0-140		GC21F-1519-37
Tetrachloro-meta-xylene	877-09-8	105	60.0-140		GC21B-1454-37
Decachlorobiphenyl	2051-24-3	108	60.0-140		GC21B-1454-37

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

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Analytical Sample Results

NEA Job Number: 11070003

NEA Laboratory, Division of Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: TRC ENVIRONMENTAL
Project: 115058 NBHS PCB SAMPLING
Client Sample ID: PLY-BULK-144
Lab Sample ID: 11070003-08 (AO10778)

Collection Date: 06/30/2011 14:44
Sample Matrix: SOLID
Received Date: 07/01/2011 09:14
Percent Solid: 100 - Results are based on dry weight unless otherwise noted.

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC21F-1519-38	SW-846 8082 (PCB)	07/04/2011 14:11	TEH	NA	NA	Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm
Prep 1:	14396	EPA 3540C	07/01/2011 13:20	TJH	4.92 g	25.0 mL	NA

3

Analyte	CAS No.	Result (ug/g)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.102	1.00	U	GC21F-1519-38
Aroclor 1221	11104-28-2	ND	0.102	1.00	U	GC21F-1519-38
Aroclor 1232	11141-16-5	ND	0.102	1.00	U	GC21F-1519-38
Aroclor 1242	53469-21-9	ND	0.102	1.00	U	GC21F-1519-38
Aroclor 1248	12672-29-6	ND	0.102	1.00	U	GC21F-1519-38
Aroclor 1254	11097-69-1	ND	0.102	1.00	U	GC21F-1519-38
Aroclor 1260	11096-82-5	ND	0.102	1.00	U	GC21F-1519-38
Total PCB Amount > RL	1336-36-3	ND		1.00	U	GC21F-1519-38

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Tetrachloro-meta-xylene	877-09-8	99.5	60.0-140		GC21F-1519-38
Decachlorobiphenyl	2051-24-3	109	60.0-140		GC21F-1519-38
Tetrachloro-meta-xylene	877-09-8	102	60.0-140		GC21B-1454-38
Decachlorobiphenyl	2051-24-3	105	60.0-140		GC21B-1454-38

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

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Analytical Sample Results

NEA Job Number: 11070003

NEA Laboratory, Division of Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: TRC ENVIRONMENTAL
Project: 115058 NBHS PCB SAMPLING
Client Sample ID: PLY-BULK-145
Lab Sample ID: 11070003-09 (AO10779)

Collection Date: 06/30/2011 14:45
Sample Matrix: SOLID
Received Date: 07/01/2011 09:14
Percent Solid: 100 - Results are based on dry weight unless otherwise noted.

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC21F-1519-39	SW-846 8082 (PCB)	07/04/2011 14:44	TEH	NA	NA	Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm
Prep 1:	14396	EPA 3540C	07/01/2011 13:21	TJH	4.82 g	25.0 mL	NA

3

Analyte	CAS No.	Result (ug/g)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.104	1.00	U	GC21F-1519-39
Aroclor 1221	11104-28-2	ND	0.104	1.00	U	GC21F-1519-39
Aroclor 1232	11141-16-5	ND	0.104	1.00	U	GC21F-1519-39
Aroclor 1242	53469-21-9	ND	0.104	1.00	U	GC21F-1519-39
Aroclor 1248	12672-29-6	ND	0.104	1.00	U	GC21F-1519-39
Aroclor 1254	11097-69-1	ND	0.104	1.00	U	GC21F-1519-39
Aroclor 1260	11096-82-5	ND	0.104	1.00	U	GC21F-1519-39
Total PCB Amount > RL	1336-36-3	ND		1.00	U	GC21F-1519-39

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Tetrachloro-meta-xylene	877-09-8	93.9	60.0-140		GC21F-1519-39
Decachlorobiphenyl	2051-24-3	100	60.0-140		GC21F-1519-39
Tetrachloro-meta-xylene	877-09-8	99.8	60.0-140		GC21B-1454-39
Decachlorobiphenyl	2051-24-3	104	60.0-140		GC21B-1454-39

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

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Analytical Sample Results

NEA Job Number: 11070003

NEA Laboratory, Division of Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: TRC ENVIRONMENTAL
Project: 115058 NBHS PCB SAMPLING
Client Sample ID: PLY-BULK-146
Lab Sample ID: 11070003-10 (AO10780)

Collection Date: 06/30/2011 14:46
Sample Matrix: SOLID
Received Date: 07/01/2011 09:14
Percent Solid: 100 - Results are based on dry weight unless otherwise noted.

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC21F-1519-41	SW-846 8082 (PCB)	07/04/2011 15:50	TEH	NA	NA	Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm
Prep 1:	14396	EPA 3540C	07/01/2011 13:22	TJH	5.01 g	25.0 mL	NA

3

Analyte	CAS No.	Result (ug/g)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.0999	1.00	U	GC21F-1519-41
Aroclor 1221	11104-28-2	ND	0.0999	1.00	U	GC21F-1519-41
Aroclor 1232	11141-16-5	ND	0.0999	1.00	U	GC21F-1519-41
Aroclor 1242	53469-21-9	ND	0.0999	1.00	U	GC21F-1519-41
Aroclor 1248	12672-29-6	ND	0.0999	1.00	U	GC21F-1519-41
Aroclor 1254	11097-69-1	ND	0.0999	1.00	U	GC21F-1519-41
Aroclor 1260	11096-82-5	ND	0.0999	1.00	U	GC21F-1519-41
Total PCB Amount > RL	1336-36-3	ND		1.00	U	GC21F-1519-41

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Tetrachloro-meta-xylene	877-09-8	102	60.0-140		GC21F-1519-41
Decachlorobiphenyl	2051-24-3	109	60.0-140		GC21F-1519-41
Tetrachloro-meta-xylene	877-09-8	98.2	60.0-140		GC21B-1454-41
Decachlorobiphenyl	2051-24-3	106	60.0-140		GC21B-1454-41

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

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Analytical Sample Results

NEA Job Number: 11070003

NEA Laboratory, Division of Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: TRC ENVIRONMENTAL
Project: 115058 NBHS PCB SAMPLING
Client Sample ID: PLY-BULK-147
Lab Sample ID: 11070003-11 (AO10781)

Collection Date: 06/30/2011 14:47
Sample Matrix: SOLID
Received Date: 07/01/2011 09:14
Percent Solid: 100 - Results are based on dry weight unless otherwise noted.

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC21F-1519-42	SW-846 8082 (PCB)	07/04/2011 16:23	TEH	NA	NA	Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm
Prep 1:	14396	EPA 3540C	07/01/2011 13:23	TJH	4.35 g	25.0 mL	NA

3

Analyte	CAS No.	Result (ug/g)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.115	1.00	U	GC21F-1519-42
Aroclor 1221	11104-28-2	ND	0.115	1.00	U	GC21F-1519-42
Aroclor 1232	11141-16-5	ND	0.115	1.00	U	GC21F-1519-42
Aroclor 1242	53469-21-9	ND	0.115	1.00	U	GC21F-1519-42
Aroclor 1248	12672-29-6	ND	0.115	1.00	U	GC21F-1519-42
Aroclor 1254	11097-69-1	ND	0.115	1.00	U	GC21F-1519-42
Aroclor 1260	11096-82-5	ND	0.115	1.00	U	GC21F-1519-42
Total PCB Amount > RL	1336-36-3	ND		1.00	U	GC21F-1519-42

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Tetrachloro-meta-xylene	877-09-8	98.4	60.0-140		GC21F-1519-42
Decachlorobiphenyl	2051-24-3	110	60.0-140		GC21F-1519-42
Tetrachloro-meta-xylene	877-09-8	104	60.0-140		GC21B-1454-42
Decachlorobiphenyl	2051-24-3	111	60.0-140		GC21B-1454-42

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

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PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

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Analytical Sample Results

NEA Job Number: 11070003

NEA Laboratory, Division of Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: TRC ENVIRONMENTAL
Project: 115058 NBHS PCB SAMPLING
Client Sample ID: PLY-BULK-148
Lab Sample ID: 11070003-12 (AO10782)

Collection Date: 06/30/2011 14:48
Sample Matrix: SOLID
Received Date: 07/01/2011 09:14
Percent Solid: 100 - Results are based on dry weight unless otherwise noted.

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC21F-1519-43	SW-846 8082 (PCB)	07/04/2011 16:55	TEH	NA	NA	Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm
Prep 1:	14396	EPA 3540C	07/01/2011 13:23	TJH	5.20 g	25.0 mL	NA

3

Analyte	CAS No.	Result (ug/g)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.0962	1.00	U	GC21F-1519-43
Aroclor 1221	11104-28-2	ND	0.0962	1.00	U	GC21F-1519-43
Aroclor 1232	11141-16-5	ND	0.0962	1.00	U	GC21F-1519-43
Aroclor 1242	53469-21-9	ND	0.0962	1.00	U	GC21F-1519-43
Aroclor 1248	12672-29-6	ND	0.0962	1.00	U	GC21F-1519-43
Aroclor 1254	11097-69-1	ND	0.0962	1.00	U	GC21F-1519-43
Aroclor 1260	11096-82-5	ND	0.0962	1.00	U	GC21F-1519-43
Total PCB Amount > RL	1336-36-3	ND		1.00	U	GC21F-1519-43

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Tetrachloro-meta-xylene	877-09-8	97.0	60.0-140		GC21F-1519-43
Decachlorobiphenyl	2051-24-3	105	60.0-140		GC21F-1519-43
Tetrachloro-meta-xylene	877-09-8	95.5	60.0-140		GC21B-1454-43
Decachlorobiphenyl	2051-24-3	106	60.0-140		GC21B-1454-43

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

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GC - PCB QC

4

Quality Control Results
Method Blank
NEA Job Number: 11070003

NEA Laboratory, Division of Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: TRC ENVIRONMENTAL
Project: 115058 NBHS PCB SAMPLING
Client Sample ID: Method Blank (AO10772B)
Lab Sample ID: PBLK-28

Collection Date: N/A
Sample Matrix: SOLID
Received Date: N/A
Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC21B-1454-29	SW-846 8082 (PCB)	07/04/2011 09:16	TEH	NA	NA	Phenomenex, Zebron ZB-5, 30 m, 0.25 mm ID, 0.25 µm
Prep 1:	14396	EPA 3540C	07/01/2011 13:25	TJH	10.3 g	25.0 mL	NA

Analyte	CAS No.	Result (ug/g)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.0500	1.00	U	GC21B-1454-29
Aroclor 1221	11104-28-2	ND	0.0500	1.00	U	GC21B-1454-29
Aroclor 1232	11141-16-5	ND	0.0500	1.00	U	GC21B-1454-29
Aroclor 1242	53469-21-9	ND	0.0500	1.00	U	GC21B-1454-29
Aroclor 1248	12672-29-6	ND	0.0500	1.00	U	GC21B-1454-29
Aroclor 1254	11097-69-1	ND	0.0500	1.00	U	GC21B-1454-29
Aroclor 1260	11096-82-5	ND	0.0500	1.00	U	GC21B-1454-29
Total PCB Amount > RL	1336-36-3	ND		1.00	U	GC21B-1454-29

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Tetrachloro-meta-xylene	877-09-8	97.8	60.0-140		GC21B-1454-29
Decachlorobiphenyl	2051-24-3	106	60.0-140		GC21B-1454-29

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

4

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Quality Control Results
Method Blank

NEA Job Number: 11070003

NEA Laboratory, Division of Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: TRC ENVIRONMENTAL
Project: 115058 NBHS PCB SAMPLING
Client Sample ID: Method Blank (AO10772B)
Lab Sample ID: PBLK-28

Collection Date: N/A
Sample Matrix: SOLID
Received Date: N/A
Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC21F-1519-29	SW-846 8082 (PCB)	07/04/2011 09:16	TEH	NA	NA	Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm
Prep 1:	14396	EPA 3540C	07/01/2011 13:25	TJH	10.3 g	25.0 mL	NA

Analyte	CAS No.	Result (ug/g)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.0500	1.00	U	GC21F-1519-29
Aroclor 1221	11104-28-2	ND	0.0500	1.00	U	GC21F-1519-29
Aroclor 1232	11141-16-5	ND	0.0500	1.00	U	GC21F-1519-29
Aroclor 1242	53469-21-9	ND	0.0500	1.00	U	GC21F-1519-29
Aroclor 1248	12672-29-6	ND	0.0500	1.00	U	GC21F-1519-29
Aroclor 1254	11097-69-1	ND	0.0500	1.00	U	GC21F-1519-29
Aroclor 1260	11096-82-5	ND	0.0500	1.00	U	GC21F-1519-29
Total PCB Amount > RL	1336-36-3	ND		1.00	U	GC21F-1519-29

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Tetrachloro-meta-xylene	877-09-8	96.7	60.0-140		GC21F-1519-29
Decachlorobiphenyl	2051-24-3	106	60.0-140		GC21F-1519-29

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

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Quality Control Results
Lab Control Sample
NEA Job Number: 11070003

NEA Laboratory, Division of Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: TRC ENVIRONMENTAL
Project: 115058 NBHS PCB SAMPLING
Client Sample ID: Lab Control Sample (AO10772L)
Lab Sample ID: LCS-28

Collection Date: N/A
Sample Matrix: SOLID
Received Date: N/A
Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC21B-1454-31	SW-846 8082 (PCB)	07/04/2011 10:22	TEH	NA	NA	Phenomenex, Zebron ZB-5, 30 m, 0.25 mm ID, 0.25 µm
Prep 1:	14396	EPA 3540C	07/01/2011 13:26	TJH	10.3 g	25.0 mL	NA

4

Analyte Spiked	CAS No.	Added (ug/g)	LCS (ug/g)	LCS % Rec.	Q[1]	Limits (%)
Aroclor 1242	53469-21-9	1.21	1.23	101		70.0-130

[1]Qualifier column where '*' denotes value outside the control limits.

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Tetrachloro-meta-xylene	877-09-8	100	60.0-140		GC21B-1454-31
Decachlorobiphenyl	2051-24-3	107	60.0-140		GC21B-1454-31

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

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Quality Control Results
Lab Control Sample
NEA Job Number: 11070003

NEA Laboratory, Division of Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: TRC ENVIRONMENTAL
Project: 115058 NBHS PCB SAMPLING
Client Sample ID: Lab Control Sample (AO10772L)
Lab Sample ID: LCS-28

Collection Date: N/A
Sample Matrix: SOLID
Received Date: N/A
Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC21F-1519-31	SW-846 8082 (PCB)	07/04/2011 10:21	TEH	NA	NA	Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm
Prep 1:	14396	EPA 3540C	07/01/2011 13:26	TJH	10.3 g	25.0 mL	NA

Analyte Spiked	CAS No.	Added (ug/g)	LCS (ug/g)	LCS % Rec.	Q[1]	Limits (%)
Aroclor 1242	53469-21-9	1.21	1.20	98.8		70.0-130

[1]Qualifier column where '*' denotes value outside the control limits.

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Tetrachloro-meta-xylene	877-09-8	96.5	60.0-140		GC21F-1519-31
Decachlorobiphenyl	2051-24-3	109	60.0-140		GC21F-1519-31

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

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Date: July 07, 2011

NEA PACE Analytical e-Report

***Issuance of this report is prior to full data package.**

Report prepared for:
TRC ENVIRONMENTAL
WANNALANCIT MILLS
650 SUFFOLK ST
LOWELL, MA 01854
CONTACT: DAVID SULLIVAN

Project ID: 115058 NBHS PCB SAMPLING
Sampling Date(s): June 30, 2011
NEA Report ID: 11070062
Client Service Contact: William Kotas (518) 346-4592 ext. 17

Analysis Included:
PCB Analysis

Test results meet all National Environmental Laboratory Accreditation Conference (NELAC) requirements unless noted in the case narrative. The results contained within the document relate only to the samples included in this report. This report shall not be reproduced, except in full, without the written consent of NEA - A Division of Pace Analytical Services, Inc.

Robert E. Wagner
Laboratory Director

Certifications: NYS (EPA: NY00906, ELAP: 11078), NJ (NY026), CT (PH-0337), MA(M-NY906), NC (668)

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Phone: 518.346.4592 | internet: www.nealab.com | Email: information@nealab.com

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Table of Contents

Section 1: QUALIFIERS 4

Section 2: SAMPLE CHAIN OF CUSTODY 6

Section 3: GC - PCB 9

Section 4: GC - PCB QC 26

QUALIFIERS

Organic Laboratory Qualifiers Defined

B - Denotes analyte observed in associated method blank or extraction blank. Analyte concentration should be considered as estimated.

D - Surrogate was diluted out. The analysis of the sample required a dilution such that the surrogate concentration was diluted below the laboratory acceptance criteria.

E - Denotes analyte concentration exceeded calibration range of instrument. Sample could not be re-analyzed at secondary dilution due to insufficient sample amount, quick turn-around request, sample matrix interference or hold time excursion. Concentration result should be considered as estimated.

J - Denotes an estimated concentration. The concentration result is greater than or equal to the Method Detection Limit (MDL) but less than the Reporting Limit (RL).

P - Indicates relative percent difference (RPD) between primary and secondary GC column analysis exceeds 40 % or indicates percent difference (PD) between primary and secondary GC column analysis exceeds 25 %.

U - Denotes analyte not detected at concentration greater than or equal to the RL. RL's are adjusted for sample weight/volume and dilution factors.

Z - Chromatographic interference due to PCB co-elution.

* - Value not within control limits.

Inorganic Laboratory Qualifiers Defined

B - Denotes analyte observed in associated method blank or digestion blank. Analyte concentration should be considered as estimated.

E - Denotes analyte concentration exceeded calibration range of instrument. Sample could not be re-analyzed at secondary dilution due to insufficient sample amount, quick turn-around request, sample matrix interference or hold time excursion. Concentration result should be considered as estimated.

J - Denotes an estimated concentration. The concentration result is greater than or equal to the Method Detection Limit (MDL) but less than the Reporting Limit (RL).

U - Denotes analyte not detected at concentration greater than or equal to the RL. RL's are adjusted for sample weight/volume and dilution factors.

* - Value not within control limits.

SAMPLE CHAIN OF CUSTODY

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be compl <11070062P1>

110700621

Page: of

1466634

Section A Required Client Information:

Company: TRC
Address: 650 SUFFOLK ST
LOWELL MA 01854
Email To: DSULLIVAN@TRCSOLUTIONS.COM
Phone: 978-656-3565 Fax:
Requested Due Date/TAT: 24HR

Section B Required Project Information:

Report To: DAVE SULLIVAN
Copy To: JOHN MULHALL
MALCOLM BEELER, AECOM
Purchase Order No.:
Project Name: NBHS
Project Number: 115058/820/3

Section C Invoice Information:

Attention:
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager:
Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☒ OTHER EPA

Site Location STATE: MA

Section D Required Client Information

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Matrix Codes — MATRIX / CODE: Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

Requested Analysis Filtered (Y/N): Y/N; Analysis Test: PCB

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED Composite Start Date	Composite Start Time	Composite End/Grab Date	Composite End/Grab Time	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other HEXANE	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	~~PLY~~ WIPE — 101	WP	G	6		6/30	1401		1								X		A010735 A011178
2	— 102						1402		1								X		A010736 —
3	— 103						1403		1								X		A010737 A011179
4	— 104						1404		1								X		A010738 A011180
5	— 105						1405		1								X		A010739 A011181
6	— 106						1406		1								X		A010740 —
7	— 107						1407		1								X		A010741 A011182
8	— 108						1408		1								X		A010742 —
9	— 109						1409		1								X		A010743 A011183
10	— 110						1410		1								X		A010744 —
11	— 111						1411		1								X		A010745 A011184
12	— 112						1412		1								X		A010746 A011185

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	[signature]	6/30/11	1900	FedEX			1.7	Y	Y	Y
	FedEX			Kdaughtlen PACE	7-1-11	09:14				

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: JOHN MULHALL

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 06/30/11

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-May-2007

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www.pacelabs.com

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

<11070062P2>

110700622

Page: of

1466635

Section A Required Client Information:

Company: TRC
Address: 650 SUFFOLK ST.
LOWELL MA 01854
Email To: DSULLIVAN@TRCSOLUTIONS.COM
Phone: 978-656-3545 Fax:
Requested Due Date/TAT: 24HR

Section B Required Project Information:

Report To: DAVE SULLIVAN
Copy To: JOHN MULHALL
MALCOLM BEELER, AECOM
Purchase Order No.:
Project Name: NBHS
Project Number: 115058 1820/3

Section C Invoice Information:

Attention:
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager:
Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☒ OTHER ERA

Site Location STATE: MA

Section D Required Client Information

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

PLY

Matrix Codes MATRIX / CODE: Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

Requested Analysis Filtered (Y/N): Y

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other HEXANE	Analysis Test: PCB	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	~~FB6~~-WIPE-113	WT	G			6/30	1413		1								X	X		A010747 A011186
2	-114						1414		1								X	X		A010748 —
3	-115						1415		1								X	X		A010749 A011187
4	-116						1416		1								X	X		A010750 A011188
5	-117						1417		1								X	X		A010751 —
6	-118						1418		1								X	X		A010752 A011189
7	-119						1419		1								X	X		A010753 A011190
8	-120						1420		1								X	X		A010754 A011191
9	-121						1421		1								X	X		A010755 —
10	-122						1422		1								X	X		A010756 —
11	-123						1423		1								X	X		A010757 A011192
12	-124						1424		1								X	X		A010758 A011193

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	[signature]	6/30/11	1900	FedEx			1.7	Y	Y	Y
	FedEx			K. Coughlin PACE	7/1/11	09:14				

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: JOHN MULHALL

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 06/30/11

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-May-2007

GC - PCB

Analytical Sample Results

NEA Job Number: 11070062

NEA Laboratory, Division of Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: TRC ENVIRONMENTAL
Project: 115058 NBHS PCB SAMPLING
Client Sample ID: PLY-WIPE-101
Lab Sample ID: 11070062-01 (AO11178)

Collection Date: 06/30/2011 14:01
Sample Matrix: WIPE
Received Date: 07/01/2011 09:14
Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC20F-1011-8	SW-846 8082 (PCB)	07/06/2011 19:45	TEH	NA	NA	Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm
Prep 1:	14452	EPA 3540C	07/05/2011 19:20	JLG	1 Wipe(s)	25.0 mL	NA

3

Analyte	CAS No.	Result (ug/Wipe)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.500	1.00	U	GC20F-1011-8
Aroclor 1221	11104-28-2	ND	0.500	1.00	U	GC20F-1011-8
Aroclor 1232	11141-16-5	ND	0.500	1.00	U	GC20F-1011-8
Aroclor 1242	53469-21-9	ND	0.500	1.00	U	GC20F-1011-8
Aroclor 1248	12672-29-6	ND	0.500	1.00	U	GC20F-1011-8
Aroclor 1254	11097-69-1	ND	0.500	1.00	U	GC20F-1011-8
Aroclor 1260	11096-82-5	ND	0.500	1.00	U	GC20F-1011-8
Aroclor 1262	37324-23-5	ND	0.500	1.00	U	GC20F-1011-8
Aroclor 1268	11100-14-4	ND	0.500	1.00	U	GC20F-1011-8
Total PCB's	1336-36-3	ND		1.00	U	GC20F-1011-8

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Tetrachloro-meta-xylene	877-09-8	105	60.0-140		GC20F-1011-8
Decachlorobiphenyl	2051-24-3	107	60.0-140		GC20F-1011-8
Tetrachloro-meta-xylene	877-09-8	106	60.0-140		GC20B-992-8
Decachlorobiphenyl	2051-24-3	108	60.0-140		GC20B-992-8

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

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Analytical Sample Results

NEA Job Number: 11070062

NEA Laboratory, Division of Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: TRC ENVIRONMENTAL
Project: 115058 NBHS PCB SAMPLING
Client Sample ID: PLY-WIPE-103
Lab Sample ID: 11070062-02 (AO11179)

Collection Date: 06/30/2011 14:03
Sample Matrix: WIPE
Received Date: 07/01/2011 09:14
Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC20F-1011-9	SW-846 8082 (PCB)	07/06/2011 20:18	TEH	NA	NA	Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm
Prep 1:	14452	EPA 3540C	07/05/2011 19:20	JLG	1 Wipe(s)	25.0 mL	NA

3

Analyte	CAS No.	Result (ug/Wipe)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.500	1.00	U	GC20F-1011-9
Aroclor 1221	11104-28-2	ND	0.500	1.00	U	GC20F-1011-9
Aroclor 1232	11141-16-5	ND	0.500	1.00	U	GC20F-1011-9
Aroclor 1242	53469-21-9	ND	0.500	1.00	U	GC20F-1011-9
Aroclor 1248	12672-29-6	ND	0.500	1.00	U	GC20F-1011-9
Aroclor 1254	11097-69-1	ND	0.500	1.00	U	GC20F-1011-9
Aroclor 1260	11096-82-5	ND	0.500	1.00	U	GC20F-1011-9
Aroclor 1262	37324-23-5	ND	0.500	1.00	U	GC20F-1011-9
Aroclor 1268	11100-14-4	ND	0.500	1.00	U	GC20F-1011-9
Total PCB's	1336-36-3	ND		1.00	U	GC20F-1011-9

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Tetrachloro-meta-xylene	877-09-8	103	60.0-140		GC20F-1011-9
Decachlorobiphenyl	2051-24-3	104	60.0-140		GC20F-1011-9
Tetrachloro-meta-xylene	877-09-8	103	60.0-140		GC20B-992-9
Decachlorobiphenyl	2051-24-3	109	60.0-140		GC20B-992-9

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

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Analytical Sample Results

NEA Job Number: 11070062

NEA Laboratory, Division of Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: TRC ENVIRONMENTAL
Project: 115058 NBHS PCB SAMPLING
Client Sample ID: PLY-WIPE-104
Lab Sample ID: 11070062-03 (AO11180)

Collection Date: 06/30/2011 14:04
Sample Matrix: WIPE
Received Date: 07/01/2011 09:14
Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC20F-1011-10	SW-846 8082 (PCB)	07/06/2011 20:50	TEH	NA	NA	Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm
Prep 1:	14452	EPA 3540C	07/05/2011 19:20	JLG	1 Wipe(s)	25.0 mL	NA

3

Analyte	CAS No.	Result (ug/Wipe)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.500	1.00	U	GC20F-1011-10
Aroclor 1221	11104-28-2	ND	0.500	1.00	U	GC20F-1011-10
Aroclor 1232	11141-16-5	ND	0.500	1.00	U	GC20F-1011-10
Aroclor 1242	53469-21-9	ND	0.500	1.00	U	GC20F-1011-10
Aroclor 1248	12672-29-6	ND	0.500	1.00	U	GC20F-1011-10
Aroclor 1254	11097-69-1	ND	0.500	1.00	U	GC20F-1011-10
Aroclor 1260	11096-82-5	ND	0.500	1.00	U	GC20F-1011-10
Aroclor 1262	37324-23-5	ND	0.500	1.00	U	GC20F-1011-10
Aroclor 1268	11100-14-4	ND	0.500	1.00	U	GC20F-1011-10
Total PCB's	1336-36-3	ND		1.00	U	GC20F-1011-10

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Tetrachloro-meta-xylene	877-09-8	103	60.0-140		GC20F-1011-10
Decachlorobiphenyl	2051-24-3	105	60.0-140		GC20F-1011-10
Tetrachloro-meta-xylene	877-09-8	102	60.0-140		GC20B-992-10
Decachlorobiphenyl	2051-24-3	105	60.0-140		GC20B-992-10

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

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Analytical Sample Results

NEA Job Number: 11070062

NEA Laboratory, Division of Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: TRC ENVIRONMENTAL
Project: 115058 NBHS PCB SAMPLING
Client Sample ID: PLY-WIPE-105
Lab Sample ID: 11070062-04 (AO11181)

Collection Date: 06/30/2011 14:05
Sample Matrix: WIPE
Received Date: 07/01/2011 09:14
Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC20F-1011-11	SW-846 8082 (PCB)	07/06/2011 21:23	TEH	NA	NA	Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm
Prep 1:	14452	EPA 3540C	07/05/2011 19:20	JLG	1 Wipe(s)	25.0 mL	NA

3

Analyte	CAS No.	Result (ug/Wipe)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.500	1.00	U	GC20F-1011-11
Aroclor 1221	11104-28-2	ND	0.500	1.00	U	GC20F-1011-11
Aroclor 1232	11141-16-5	ND	0.500	1.00	U	GC20F-1011-11
Aroclor 1242	53469-21-9	ND	0.500	1.00	U	GC20F-1011-11
Aroclor 1248	12672-29-6	ND	0.500	1.00	U	GC20F-1011-11
Aroclor 1254	11097-69-1	ND	0.500	1.00	U	GC20F-1011-11
Aroclor 1260	11096-82-5	ND	0.500	1.00	U	GC20F-1011-11
Aroclor 1262	37324-23-5	ND	0.500	1.00	U	GC20F-1011-11
Aroclor 1268	11100-14-4	ND	0.500	1.00	U	GC20F-1011-11
Total PCB's	1336-36-3	ND		1.00	U	GC20F-1011-11

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Tetrachloro-meta-xylene	877-09-8	104	60.0-140		GC20F-1011-11
Decachlorobiphenyl	2051-24-3	106	60.0-140		GC20F-1011-11
Tetrachloro-meta-xylene	877-09-8	106	60.0-140		GC20B-992-11
Decachlorobiphenyl	2051-24-3	106	60.0-140		GC20B-992-11

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

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Analytical Sample Results

NEA Job Number: 11070062

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2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: TRC ENVIRONMENTAL
Project: 115058 NBHS PCB SAMPLING
Client Sample ID: PLY-WIPE-107
Lab Sample ID: 11070062-05 (AO11182)

Collection Date: 06/30/2011 14:07
Sample Matrix: WIPE
Received Date: 07/01/2011 09:14
Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC20F-1011-12	SW-846 8082 (PCB)	07/06/2011 21:55	TEH	NA	NA	Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm
Prep 1:	14452	EPA 3540C	07/05/2011 19:20	JLG	1 Wipe(s)	25.0 mL	NA

3

Analyte	CAS No.	Result (ug/Wipe)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.500	1.00	U	GC20F-1011-12
Aroclor 1221	11104-28-2	ND	0.500	1.00	U	GC20F-1011-12
Aroclor 1232	11141-16-5	ND	0.500	1.00	U	GC20F-1011-12
Aroclor 1242	53469-21-9	ND	0.500	1.00	U	GC20F-1011-12
Aroclor 1248	12672-29-6	ND	0.500	1.00	U	GC20F-1011-12
Aroclor 1254	11097-69-1	ND	0.500	1.00	U	GC20F-1011-12
Aroclor 1260	11096-82-5	ND	0.500	1.00	U	GC20F-1011-12
Aroclor 1262	37324-23-5	ND	0.500	1.00	U	GC20F-1011-12
Aroclor 1268	11100-14-4	ND	0.500	1.00	U	GC20F-1011-12
Total PCB's	1336-36-3	ND		1.00	U	GC20F-1011-12

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Tetrachloro-meta-xylene	877-09-8	104	60.0-140		GC20F-1011-12
Decachlorobiphenyl	2051-24-3	104	60.0-140		GC20F-1011-12
Tetrachloro-meta-xylene	877-09-8	102	60.0-140		GC20B-992-12
Decachlorobiphenyl	2051-24-3	105	60.0-140		GC20B-992-12

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

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Analytical Sample Results

NEA Job Number: 11070062

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2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: TRC ENVIRONMENTAL
Project: 115058 NBHS PCB SAMPLING
Client Sample ID: PLY-WIPE-109
Lab Sample ID: 11070062-06 (AO11183)

Collection Date: 06/30/2011 14:09
Sample Matrix: WIPE
Received Date: 07/01/2011 09:14
Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC20F-1011-13	SW-846 8082 (PCB)	07/06/2011 22:28	TEH	NA	NA	Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm
Prep 1:	14452	EPA 3540C	07/05/2011 19:20	JLG	1 Wipe(s)	25.0 mL	NA

3

Analyte	CAS No.	Result (ug/Wipe)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.500	1.00	U	GC20F-1011-13
Aroclor 1221	11104-28-2	ND	0.500	1.00	U	GC20F-1011-13
Aroclor 1232	11141-16-5	ND	0.500	1.00	U	GC20F-1011-13
Aroclor 1242	53469-21-9	ND	0.500	1.00	U	GC20F-1011-13
Aroclor 1248	12672-29-6	ND	0.500	1.00	U	GC20F-1011-13
Aroclor 1254	11097-69-1	ND	0.500	1.00	U	GC20F-1011-13
Aroclor 1260	11096-82-5	ND	0.500	1.00	U	GC20F-1011-13
Aroclor 1262	37324-23-5	ND	0.500	1.00	U	GC20F-1011-13
Aroclor 1268	11100-14-4	ND	0.500	1.00	U	GC20F-1011-13
Total PCB's	1336-36-3	ND		1.00	U	GC20F-1011-13

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Tetrachloro-meta-xylene	877-09-8	104	60.0-140		GC20F-1011-13
Decachlorobiphenyl	2051-24-3	106	60.0-140		GC20F-1011-13
Tetrachloro-meta-xylene	877-09-8	104	60.0-140		GC20B-992-13
Decachlorobiphenyl	2051-24-3	107	60.0-140		GC20B-992-13

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

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NEA Job Number: 11070062

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2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: TRC ENVIRONMENTAL
Project: 115058 NBHS PCB SAMPLING
Client Sample ID: PLY-WIPE-111
Lab Sample ID: 11070062-07 (AO11184)

Collection Date: 06/30/2011 14:11
Sample Matrix: WIPE
Received Date: 07/01/2011 09:14
Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC20F-1011-14	SW-846 8082 (PCB)	07/06/2011 23:01	TEH	NA	NA	Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm
Prep 1:	14452	EPA 3540C	07/05/2011 19:20	JLG	1 Wipe(s)	25.0 mL	NA

3

Analyte	CAS No.	Result (ug/Wipe)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.500	1.00	U	GC20F-1011-14
Aroclor 1221	11104-28-2	ND	0.500	1.00	U	GC20F-1011-14
Aroclor 1232	11141-16-5	ND	0.500	1.00	U	GC20F-1011-14
Aroclor 1242	53469-21-9	ND	0.500	1.00	U	GC20F-1011-14
Aroclor 1248	12672-29-6	ND	0.500	1.00	U	GC20F-1011-14
Aroclor 1254	11097-69-1	ND	0.500	1.00	U	GC20F-1011-14
Aroclor 1260	11096-82-5	ND	0.500	1.00	U	GC20F-1011-14
Aroclor 1262	37324-23-5	ND	0.500	1.00	U	GC20F-1011-14
Aroclor 1268	11100-14-4	ND	0.500	1.00	U	GC20F-1011-14
Total PCB's	1336-36-3	ND		1.00	U	GC20F-1011-14

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Tetrachloro-meta-xylene	877-09-8	99.2	60.0-140		GC20F-1011-14
Decachlorobiphenyl	2051-24-3	100	60.0-140		GC20F-1011-14
Tetrachloro-meta-xylene	877-09-8	102	60.0-140		GC20B-992-14
Decachlorobiphenyl	2051-24-3	104	60.0-140		GC20B-992-14

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

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Analytical Sample Results

NEA Job Number: 11070062

NEA Laboratory, Division of Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: TRC ENVIRONMENTAL
Project: 115058 NBHS PCB SAMPLING
Client Sample ID: PLY-WIPE-112
Lab Sample ID: 11070062-08 (AO11185)

Collection Date: 06/30/2011 14:12
Sample Matrix: WIPE
Received Date: 07/01/2011 09:14
Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC20F-1011-16	SW-846 8082 (PCB)	07/07/2011 00:06	TEH	NA	NA	Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm
Prep 1:	14452	EPA 3540C	07/05/2011 19:20	JLG	1 Wipe(s)	25.0 mL	NA

3

Analyte	CAS No.	Result (ug/Wipe)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.500	1.00	U	GC20F-1011-16
Aroclor 1221	11104-28-2	ND	0.500	1.00	U	GC20F-1011-16
Aroclor 1232	11141-16-5	ND	0.500	1.00	U	GC20F-1011-16
Aroclor 1242	53469-21-9	ND	0.500	1.00	U	GC20F-1011-16
Aroclor 1248	12672-29-6	ND	0.500	1.00	U	GC20F-1011-16
Aroclor 1254	11097-69-1	ND	0.500	1.00	U	GC20F-1011-16
Aroclor 1260	11096-82-5	ND	0.500	1.00	U	GC20F-1011-16
Aroclor 1262	37324-23-5	ND	0.500	1.00	U	GC20F-1011-16
Aroclor 1268	11100-14-4	ND	0.500	1.00	U	GC20F-1011-16
Total PCB's	1336-36-3	ND		1.00	U	GC20F-1011-16

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Tetrachloro-meta-xylene	877-09-8	104	60.0-140		GC20F-1011-16
Decachlorobiphenyl	2051-24-3	107	60.0-140		GC20F-1011-16
Tetrachloro-meta-xylene	877-09-8	104	60.0-140		GC20B-992-16
Decachlorobiphenyl	2051-24-3	107	60.0-140		GC20B-992-16

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

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Analytical Sample Results

NEA Job Number: 11070062

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2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: TRC ENVIRONMENTAL
Project: 115058 NBHS PCB SAMPLING
Client Sample ID: PLY-WIPE-113
Lab Sample ID: 11070062-09 (AO11186)

Collection Date: 06/30/2011 14:13
Sample Matrix: WIPE
Received Date: 07/01/2011 09:14
Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC20F-1011-17	SW-846 8082 (PCB)	07/07/2011 00:38	TEH	NA	NA	Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm
Prep 1:	14452	EPA 3540C	07/05/2011 19:20	JLG	1 Wipe(s)	25.0 mL	NA

3

Analyte	CAS No.	Result (ug/Wipe)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.500	1.00	U	GC20F-1011-17
Aroclor 1221	11104-28-2	ND	0.500	1.00	U	GC20F-1011-17
Aroclor 1232	11141-16-5	ND	0.500	1.00	U	GC20F-1011-17
Aroclor 1242	53469-21-9	ND	0.500	1.00	U	GC20F-1011-17
Aroclor 1248	12672-29-6	ND	0.500	1.00	U	GC20F-1011-17
Aroclor 1254	11097-69-1	ND	0.500	1.00	U	GC20F-1011-17
Aroclor 1260	11096-82-5	ND	0.500	1.00	U	GC20F-1011-17
Aroclor 1262	37324-23-5	ND	0.500	1.00	U	GC20F-1011-17
Aroclor 1268	11100-14-4	ND	0.500	1.00	U	GC20F-1011-17
Total PCB's	1336-36-3	ND		1.00	U	GC20F-1011-17

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Tetrachloro-meta-xylene	877-09-8	104	60.0-140		GC20F-1011-17
Decachlorobiphenyl	2051-24-3	104	60.0-140		GC20F-1011-17
Tetrachloro-meta-xylene	877-09-8	103	60.0-140		GC20B-992-17
Decachlorobiphenyl	2051-24-3	107	60.0-140		GC20B-992-17

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

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Analytical Sample Results

NEA Job Number: 11070062

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2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: TRC ENVIRONMENTAL
Project: 115058 NBHS PCB SAMPLING
Client Sample ID: PLY-WIPE-115
Lab Sample ID: 11070062-10 (AO11187)

Collection Date: 06/30/2011 14:15
Sample Matrix: WIPE
Received Date: 07/01/2011 09:14
Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC20F-1011-18	SW-846 8082 (PCB)	07/07/2011 01:11	TEH	NA	NA	Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm
Prep 1:	14452	EPA 3540C	07/05/2011 19:20	JLG	1 Wipe(s)	25.0 mL	NA

3

Analyte	CAS No.	Result (ug/Wipe)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.500	1.00	U	GC20F-1011-18
Aroclor 1221	11104-28-2	ND	0.500	1.00	U	GC20F-1011-18
Aroclor 1232	11141-16-5	ND	0.500	1.00	U	GC20F-1011-18
Aroclor 1242	53469-21-9	ND	0.500	1.00	U	GC20F-1011-18
Aroclor 1248	12672-29-6	ND	0.500	1.00	U	GC20F-1011-18
Aroclor 1254	11097-69-1	ND	0.500	1.00	U	GC20F-1011-18
Aroclor 1260	11096-82-5	ND	0.500	1.00	U	GC20F-1011-18
Aroclor 1262	37324-23-5	ND	0.500	1.00	U	GC20F-1011-18
Aroclor 1268	11100-14-4	ND	0.500	1.00	U	GC20F-1011-18
Total PCB's	1336-36-3	ND		1.00	U	GC20F-1011-18

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Tetrachloro-meta-xylene	877-09-8	104	60.0-140		GC20F-1011-18
Decachlorobiphenyl	2051-24-3	105	60.0-140		GC20F-1011-18
Tetrachloro-meta-xylene	877-09-8	105	60.0-140		GC20B-992-18
Decachlorobiphenyl	2051-24-3	109	60.0-140		GC20B-992-18

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

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Analytical Sample Results

NEA Job Number: 11070062

NEA Laboratory, Division of Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: TRC ENVIRONMENTAL
Project: 115058 NBHS PCB SAMPLING
Client Sample ID: PLY-WIPE-116
Lab Sample ID: 11070062-11 (AO11188)

Collection Date: 06/30/2011 14:16
Sample Matrix: WIPE
Received Date: 07/01/2011 09:14
Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC20F-1011-19	SW-846 8082 (PCB)	07/07/2011 01:43	TEH	NA	NA	Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm
Prep 1:	14452	EPA 3540C	07/05/2011 19:20	JLG	1 Wipe(s)	25.0 mL	NA

3

Analyte	CAS No.	Result (ug/Wipe)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.500	1.00	U	GC20F-1011-19
Aroclor 1221	11104-28-2	ND	0.500	1.00	U	GC20F-1011-19
Aroclor 1232	11141-16-5	ND	0.500	1.00	U	GC20F-1011-19
Aroclor 1242	53469-21-9	ND	0.500	1.00	U	GC20F-1011-19
Aroclor 1248	12672-29-6	ND	0.500	1.00	U	GC20F-1011-19
Aroclor 1254	11097-69-1	ND	0.500	1.00	U	GC20F-1011-19
Aroclor 1260	11096-82-5	ND	0.500	1.00	U	GC20F-1011-19
Aroclor 1262	37324-23-5	ND	0.500	1.00	U	GC20F-1011-19
Aroclor 1268	11100-14-4	ND	0.500	1.00	U	GC20F-1011-19
Total PCB's	1336-36-3	ND		1.00	U	GC20F-1011-19

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Tetrachloro-meta-xylene	877-09-8	107	60.0-140		GC20F-1011-19
Decachlorobiphenyl	2051-24-3	108	60.0-140		GC20F-1011-19
Tetrachloro-meta-xylene	877-09-8	104	60.0-140		GC20B-992-19
Decachlorobiphenyl	2051-24-3	109	60.0-140		GC20B-992-19

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

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Analytical Sample Results

NEA Job Number: 11070062

NEA Laboratory, Division of Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: TRC ENVIRONMENTAL
Project: 115058 NBHS PCB SAMPLING
Client Sample ID: PLY-WIPE-118
Lab Sample ID: 11070062-12 (AO11189)

Collection Date: 06/30/2011 14:18
Sample Matrix: WIPE
Received Date: 07/01/2011 09:14
Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC20F-1011-20	SW-846 8082 (PCB)	07/07/2011 02:16	TEH	NA	NA	Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm
Prep 1:	14452	EPA 3540C	07/05/2011 19:20	JLG	1 Wipe(s)	25.0 mL	NA

3

Analyte	CAS No.	Result (ug/Wipe)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.500	1.00	U	GC20F-1011-20
Aroclor 1221	11104-28-2	ND	0.500	1.00	U	GC20F-1011-20
Aroclor 1232	11141-16-5	ND	0.500	1.00	U	GC20F-1011-20
Aroclor 1242	53469-21-9	ND	0.500	1.00	U	GC20F-1011-20
Aroclor 1248	12672-29-6	ND	0.500	1.00	U	GC20F-1011-20
Aroclor 1254	11097-69-1	ND	0.500	1.00	U	GC20F-1011-20
Aroclor 1260	11096-82-5	ND	0.500	1.00	U	GC20F-1011-20
Aroclor 1262	37324-23-5	ND	0.500	1.00	U	GC20F-1011-20
Aroclor 1268	11100-14-4	ND	0.500	1.00	U	GC20F-1011-20
Total PCB's	1336-36-3	ND		1.00	U	GC20F-1011-20

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Tetrachloro-meta-xylene	877-09-8	104	60.0-140		GC20F-1011-20
Decachlorobiphenyl	2051-24-3	104	60.0-140		GC20F-1011-20
Tetrachloro-meta-xylene	877-09-8	104	60.0-140		GC20B-992-20
Decachlorobiphenyl	2051-24-3	107	60.0-140		GC20B-992-20

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

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Analytical Sample Results

NEA Job Number: 11070062

NEA Laboratory, Division of Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: TRC ENVIRONMENTAL
Project: 115058 NBHS PCB SAMPLING
Client Sample ID: PLY-WIPE-119
Lab Sample ID: 11070062-13 (AO11190)

Collection Date: 06/30/2011 14:19
Sample Matrix: WIPE
Received Date: 07/01/2011 09:14
Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC20F-1011-21	SW-846 8082 (PCB)	07/07/2011 02:49	TEH	NA	NA	Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm
Prep 1:	14452	EPA 3540C	07/05/2011 19:20	JLG	1 Wipe(s)	25.0 mL	NA

3

Analyte	CAS No.	Result (ug/Wipe)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.500	1.00	U	GC20F-1011-21
Aroclor 1221	11104-28-2	ND	0.500	1.00	U	GC20F-1011-21
Aroclor 1232	11141-16-5	ND	0.500	1.00	U	GC20F-1011-21
Aroclor 1242	53469-21-9	ND	0.500	1.00	U	GC20F-1011-21
Aroclor 1248	12672-29-6	ND	0.500	1.00	U	GC20F-1011-21
Aroclor 1254	11097-69-1	ND	0.500	1.00	U	GC20F-1011-21
Aroclor 1260	11096-82-5	ND	0.500	1.00	U	GC20F-1011-21
Aroclor 1262	37324-23-5	ND	0.500	1.00	U	GC20F-1011-21
Aroclor 1268	11100-14-4	ND	0.500	1.00	U	GC20F-1011-21
Total PCB's	1336-36-3	ND		1.00	U	GC20F-1011-21

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Tetrachloro-meta-xylene	877-09-8	103	60.0-140		GC20F-1011-21
Decachlorobiphenyl	2051-24-3	105	60.0-140		GC20F-1011-21
Tetrachloro-meta-xylene	877-09-8	102	60.0-140		GC20B-992-21
Decachlorobiphenyl	2051-24-3	106	60.0-140		GC20B-992-21

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

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Analytical Sample Results

NEA Job Number: 11070062

NEA Laboratory, Division of Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: TRC ENVIRONMENTAL
Project: 115058 NBHS PCB SAMPLING
Client Sample ID: PLY-WIPE-120
Lab Sample ID: 11070062-14 (AO11191)

Collection Date: 06/30/2011 14:20
Sample Matrix: WIPE
Received Date: 07/01/2011 09:14
Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC20F-1011-22	SW-846 8082 (PCB)	07/07/2011 03:21	TEH	NA	NA	Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm
Prep 1:	14452	EPA 3540C	07/05/2011 19:20	JLG	1 Wipe(s)	25.0 mL	NA

3

Analyte	CAS No.	Result (ug/Wipe)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.500	1.00	U	GC20F-1011-22
Aroclor 1221	11104-28-2	ND	0.500	1.00	U	GC20F-1011-22
Aroclor 1232	11141-16-5	ND	0.500	1.00	U	GC20F-1011-22
Aroclor 1242	53469-21-9	ND	0.500	1.00	U	GC20F-1011-22
Aroclor 1248	12672-29-6	ND	0.500	1.00	U	GC20F-1011-22
Aroclor 1254	11097-69-1	ND	0.500	1.00	U	GC20F-1011-22
Aroclor 1260	11096-82-5	ND	0.500	1.00	U	GC20F-1011-22
Aroclor 1262	37324-23-5	ND	0.500	1.00	U	GC20F-1011-22
Aroclor 1268	11100-14-4	ND	0.500	1.00	U	GC20F-1011-22
Total PCB's	1336-36-3	ND		1.00	U	GC20F-1011-22

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Tetrachloro-meta-xylene	877-09-8	100	60.0-140		GC20F-1011-22
Decachlorobiphenyl	2051-24-3	104	60.0-140		GC20F-1011-22
Tetrachloro-meta-xylene	877-09-8	100	60.0-140		GC20B-992-22
Decachlorobiphenyl	2051-24-3	104	60.0-140		GC20B-992-22

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

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Analytical Sample Results

NEA Job Number: 11070062

NEA Laboratory, Division of Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: TRC ENVIRONMENTAL
Project: 115058 NBHS PCB SAMPLING
Client Sample ID: PLY-WIPE-123
Lab Sample ID: 11070062-15 (AO11192)

Collection Date: 06/30/2011 14:23
Sample Matrix: WIPE
Received Date: 07/01/2011 09:14
Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC20F-1011-23	SW-846 8082 (PCB)	07/07/2011 03:54	TEH	NA	NA	Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm
Prep 1:	14452	EPA 3540C	07/05/2011 19:20	JLG	1 Wipe(s)	25.0 mL	NA

3

Analyte	CAS No.	Result (ug/Wipe)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.500	1.00	U	GC20F-1011-23
Aroclor 1221	11104-28-2	ND	0.500	1.00	U	GC20F-1011-23
Aroclor 1232	11141-16-5	ND	0.500	1.00	U	GC20F-1011-23
Aroclor 1242	53469-21-9	ND	0.500	1.00	U	GC20F-1011-23
Aroclor 1248	12672-29-6	ND	0.500	1.00	U	GC20F-1011-23
Aroclor 1254	11097-69-1	ND	0.500	1.00	U	GC20F-1011-23
Aroclor 1260	11096-82-5	ND	0.500	1.00	U	GC20F-1011-23
Aroclor 1262	37324-23-5	ND	0.500	1.00	U	GC20F-1011-23
Aroclor 1268	11100-14-4	ND	0.500	1.00	U	GC20F-1011-23
Total PCB's	1336-36-3	ND		1.00	U	GC20F-1011-23

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Tetrachloro-meta-xylene	877-09-8	106	60.0-140		GC20F-1011-23
Decachlorobiphenyl	2051-24-3	107	60.0-140		GC20F-1011-23
Tetrachloro-meta-xylene	877-09-8	102	60.0-140		GC20B-992-23
Decachlorobiphenyl	2051-24-3	106	60.0-140		GC20B-992-23

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

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Analytical Sample Results

NEA Job Number: 11070062

NEA Laboratory, Division of Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: TRC ENVIRONMENTAL
Project: 115058 NBHS PCB SAMPLING
Client Sample ID: PLY-WIPE-124
Lab Sample ID: 11070062-16 (AO11193)

Collection Date: 06/30/2011 14:24
Sample Matrix: WIPE
Received Date: 07/01/2011 09:14
Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC20F-1011-24	SW-846 8082 (PCB)	07/07/2011 04:26	TEH	NA	NA	Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm
Prep 1:	14452	EPA 3540C	07/05/2011 19:20	JLG	1 Wipe(s)	25.0 mL	NA

3

Analyte	CAS No.	Result (ug/Wipe)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.500	1.00	U	GC20F-1011-24
Aroclor 1221	11104-28-2	ND	0.500	1.00	U	GC20F-1011-24
Aroclor 1232	11141-16-5	ND	0.500	1.00	U	GC20F-1011-24
Aroclor 1242	53469-21-9	ND	0.500	1.00	U	GC20F-1011-24
Aroclor 1248	12672-29-6	ND	0.500	1.00	U	GC20F-1011-24
Aroclor 1254	11097-69-1	ND	0.500	1.00	U	GC20F-1011-24
Aroclor 1260	11096-82-5	ND	0.500	1.00	U	GC20F-1011-24
Aroclor 1262	37324-23-5	ND	0.500	1.00	U	GC20F-1011-24
Aroclor 1268	11100-14-4	ND	0.500	1.00	U	GC20F-1011-24
Total PCB's	1336-36-3	ND		1.00	U	GC20F-1011-24

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Tetrachloro-meta-xylene	877-09-8	101	60.0-140		GC20F-1011-24
Decachlorobiphenyl	2051-24-3	103	60.0-140		GC20F-1011-24
Tetrachloro-meta-xylene	877-09-8	100	60.0-140		GC20B-992-24
Decachlorobiphenyl	2051-24-3	105	60.0-140		GC20B-992-24

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

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GC - PCB QC

4

Quality Control Results
Method Blank
NEA Job Number: 11070062

NEA Laboratory, Division of Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: TRC ENVIRONMENTAL
Project: 115058 NBHS PCB SAMPLING
Client Sample ID: Method Blank (AO11178B)
Lab Sample ID: PBLK-71

Collection Date: N/A
Sample Matrix: WIPE
Received Date: N/A
Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC20B-992-6	SW-846 8082 (PCB)	07/06/2011 18:40	TEH	NA	NA	Phenomenex, Zebron ZB-5, 30 m, 0.25 mm ID, 0.25 µm
Prep 1:	14452	EPA 3540C	07/05/2011 19:20	JLG	1 Wipe(s)	25.0 mL	NA

Analyte	CAS No.	Result (ug/Wipe)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.500	1.00	U	GC20B-992-6
Aroclor 1221	11104-28-2	ND	0.500	1.00	U	GC20B-992-6
Aroclor 1232	11141-16-5	ND	0.500	1.00	U	GC20B-992-6
Aroclor 1242	53469-21-9	ND	0.500	1.00	U	GC20B-992-6
Aroclor 1248	12672-29-6	ND	0.500	1.00	U	GC20B-992-6
Aroclor 1254	11097-69-1	ND	0.500	1.00	U	GC20B-992-6
Aroclor 1260	11096-82-5	ND	0.500	1.00	U	GC20B-992-6
Aroclor 1262	37324-23-5	ND	0.500	1.00	U	GC20B-992-6
Aroclor 1268	11100-14-4	ND	0.500	1.00	U	GC20B-992-6
Total PCB's	1336-36-3	ND		1.00	U	GC20B-992-6

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Tetrachloro-meta-xylene	877-09-8	106	60.0-140		GC20B-992-6
Decachlorobiphenyl	2051-24-3	110	60.0-140		GC20B-992-6

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

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Quality Control Results
Method Blank
NEA Job Number: 11070062

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2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: TRC ENVIRONMENTAL
Project: 115058 NBHS PCB SAMPLING
Client Sample ID: Method Blank (AO11178B)
Lab Sample ID: PBLK-71

Collection Date: N/A
Sample Matrix: WIPE
Received Date: N/A
Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC20F-1011-6	SW-846 8082 (PCB)	07/06/2011 18:40	TEH	NA	NA	Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm
Prep 1:	14452	EPA 3540C	07/05/2011 19:20	JLG	1 Wipe(s)	25.0 mL	NA

Analyte	CAS No.	Result (ug/Wipe)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.500	1.00	U	GC20F-1011-6
Aroclor 1221	11104-28-2	ND	0.500	1.00	U	GC20F-1011-6
Aroclor 1232	11141-16-5	ND	0.500	1.00	U	GC20F-1011-6
Aroclor 1242	53469-21-9	ND	0.500	1.00	U	GC20F-1011-6
Aroclor 1248	12672-29-6	ND	0.500	1.00	U	GC20F-1011-6
Aroclor 1254	11097-69-1	ND	0.500	1.00	U	GC20F-1011-6
Aroclor 1260	11096-82-5	ND	0.500	1.00	U	GC20F-1011-6
Aroclor 1262	37324-23-5	ND	0.500	1.00	U	GC20F-1011-6
Aroclor 1268	11100-14-4	ND	0.500	1.00	U	GC20F-1011-6
Total PCB's	1336-36-3	ND		1.00	U	GC20F-1011-6

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Tetrachloro-meta-xylene	877-09-8	109	60.0-140		GC20F-1011-6
Decachlorobiphenyl	2051-24-3	108	60.0-140		GC20F-1011-6

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

4

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Quality Control Results
Lab Control Sample
NEA Job Number: 11070062

NEA Laboratory, Division of Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: TRC ENVIRONMENTAL
Project: 115058 NBHS PCB SAMPLING
Client Sample ID: Lab Control Sample (AO11178L)
Lab Sample ID: LCS-71

Collection Date: N/A
Sample Matrix: WIPE
Received Date: N/A
Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC20B-992-7	SW-846 8082 (PCB)	07/06/2011 19:13	TEH	NA	NA	Phenomenex, Zebron ZB-5, 30 m, 0.25 mm ID, 0.25 µm
Prep 1:	14452	EPA 3540C	07/05/2011 19:20	JLG	1 Wipe(s)	25.0 mL	NA

Analyte Spiked	CAS No.	Added (ug/Wipe)	LCS (ug/Wipe)	LCS % Rec.	Q[1]	Limits (%)
Aroclor 1254	11097-69-1	12.5	12.8	102		70.0-130

[1]Qualifier column where '*' denotes value outside the control limits.

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Tetrachloro-meta-xylene	877-09-8	99.5	60.0-140		GC20B-992-7
Decachlorobiphenyl	2051-24-3	101	60.0-140		GC20B-992-7

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

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Quality Control Results
Lab Control Sample
NEA Job Number: 11070062

NEA Laboratory, Division of Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: TRC ENVIRONMENTAL
Project: 115058 NBHS PCB SAMPLING
Client Sample ID: Lab Control Sample (AO11178L)
Lab Sample ID: LCS-71

Collection Date: N/A
Sample Matrix: WIPE
Received Date: N/A
Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC20F-1011-7	SW-846 8082 (PCB)	07/06/2011 19:12	TEH	NA	NA	Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm
Prep 1:	14452	EPA 3540C	07/05/2011 19:20	JLG	1 Wipe(s)	25.0 mL	NA

Analyte Spiked	CAS No.	Added (ug/Wipe)	LCS (ug/Wipe)	LCS % Rec.	Q[1]	Limits (%)
Aroclor 1254	11097-69-1	12.5	12.6	101		70.0-130

[1]Qualifier column where '*' denotes value outside the control limits.

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Tetrachloro-meta-xylene	877-09-8	100	60.0-140		GC20F-1011-7
Decachlorobiphenyl	2051-24-3	103	60.0-140		GC20F-1011-7

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

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Date: July 07, 2011

NEA PACE Analytical e-Report

Report prepared for:
TRC ENVIRONMENTAL
WANNALANCIT MILLS
650 SUFFOLK ST
LOWELL, MA 01854
CONTACT: DAVID SULLIVAN

Project ID: 115058 NBHS PCB SAMPLING
Sampling Date(s): June 30, 2011
NEA Report ID: 11070063
Client Service Contact: William Kotas (518) 346-4592 ext. 17

Analysis Included:
PCB Analysis

Test results meet all National Environmental Laboratory Accreditation Conference (NELAC) requirements unless noted in the case narrative. The results contained within this document relate only to the samples included in this report.This report shall not be reproduced, except in full, without the written consent of NEA - A Division of Pace Analytical Services, Inc.

Robert E. Wagner
Laboratory Director

Certifications: NYS (EPA: NY00906, ELAP: 11078), NJ (NY026), CT (PH-0337), MA(M-NY906), NC (668)

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Phone: 518.346.4592 | internet: www.nealab.com | Email: information@nealab.com

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Table of Contents

Section 1: QUALIFIERS 4

Section 2: SAMPLE CHAIN OF CUSTODY 6

Section 3: GC - PCB 9

Section 4: GC - PCB QC 20

QUALIFIERS

Organic Laboratory Qualifiers Defined

B - Denotes analyte observed in associated method blank or extraction blank. Analyte concentration should be considered as estimated.

D - Surrogate was diluted out. The analysis of the sample required a dilution such that the surrogate concentration was diluted below the laboratory acceptance criteria.

E - Denotes analyte concentration exceeded calibration range of instrument. Sample could not be re-analyzed at secondary dilution due to insufficient sample amount, quick turn-around request, sample matrix interference or hold time excursion. Concentration result should be considered as estimated.

J - Denotes an estimated concentration. The concentration result is greater than or equal to the Method Detection Limit (MDL) but less than the Reporting Limit (RL).

P - Indicates relative percent difference (RPD) between primary and secondary GC column analysis exceeds 40 % or indicates percent difference (PD) between primary and secondary GC column analysis exceeds 25 %.

U - Denotes analyte not detected at concentration greater than or equal to the RL. RL's are adjusted for sample weight/volume and dilution factors.

Z - Chromatographic interference due to PCB co-elution.

* - Value not within control limits.

Inorganic Laboratory Qualifiers Defined

B - Denotes analyte observed in associated method blank or digestion blank. Analyte concentration should be considered as estimated.

E - Denotes analyte concentration exceeded calibration range of instrument. Sample could not be re-analyzed at secondary dilution due to insufficient sample amount, quick turn-around request, sample matrix interference or hold time excursion. Concentration result should be considered as estimated.

J - Denotes an estimated concentration. The concentration result is greater than or equal to the Method Detection Limit (MDL) but less than the Reporting Limit (RL).

U - Denotes analyte not detected at concentration greater than or equal to the RL. RL's are adjusted for sample weight/volume and dilution factors.

* - Value not within control limits.

SAMPLE CHAIN OF CUSTODY

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be complete <11070063P1>

110700631

Page: of

1466636

Section A Required Client Information:

Company: TRC
Address: 650 SUFFOLK ST, LOWELL, MA 0854
Email To: DSULLIVAN@TRCSOLUTIONS.COM
Phone: 978-656-3565 Fax:
Requested Due Date/TAT: 24 HR

Section B Required Project Information:

Report To: DAVE SULLIVAN
Copy To: JOHN MULCHALL, MALCOLM BEELER, AECOM
Purchase Order No.:
Project Name: NBHS
Project Number: 115058 1820/3

Section C Invoice Information:

Attention:
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager:
Pace Profile #:

REGULATORY AGENCY: ☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER ☐ UST ☐ RCRA ☒ OTHER EPA

Site Location STATE: MA

Section D Required Client Information

Matrix Codes MATRIX / CODE: Drinking Water DW, Water WT, Waste Water WW, Product P, Soil/Solid SL, Oil OL, Wipe WP, Air AR, Tissue TS, Other OT

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE: PLY

Requested Analysis Filtered (Y/N): N

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other HEXANE	Analysis Test: PCB	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	FBE-WIPE-125	WP	G			6/30	1425		1								X	X		A010759 A011194
2	-126						1426		1								X	X		A010760 A011195
3	-127						1427		1								X	X		A010761 A011196
4	-128						1428		1								X	X		A010762 A011197
5	-129						1429		1								X	X		A010763 —
6	-130						1430		1								X	X		A010764 A011198
7	-131						1431		1								X	X		A010765 —
8	-132						1432		1								X	X		A010766 A011199
9	-133						1433		1								X	X		A010767 A011200
10	-134						1434		1								X	X		A010768 —
11	-135						1435		1								X	X		A010769 A011201
12	-136						1436		1								X	X		A010770 A011202

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	[signature] FedEx	6/30/11	1900	FedEx			17	Y	Y	Y
				Kaughtum PACE	7/1/11	09:14				

ORIGINAL

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: JOHN MULCHALL
SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 06/30/11

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-May-2007

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be compl...

<11070063P2>

110700632

Page: of

1466637

Section A Required Client Information:

Company: TEC
Address: 650 SUFFOLK ST
LOWELL, MA 01854
Email To: DSULLIVAN@TECSOLUTIONS.COM
Phone: 978-656-3565 Fax:
Requested Due Date/TAT: 24 Hr

Section B Required Project Information:

Report To: DAVE SULLIVAN
Copy To: JOHN MULHALL
MALCOLM BEELER, AECOM
Purchase Order No.:
Project Name: NBHS
Project Number: 115058/820/3

Section C Invoice Information:

Attention:
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager:
Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☒ OTHER EPP

Site Location STATE: MA

Requested Analysis Filtered (Y/N)

Section D Required Client Information

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Matrix Codes — MATRIX / CODE: Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED Composite Start DATE	Composite Start TIME	Composite End/Grab DATE	Composite End/Grab TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other HEXANE	Analysis Test PCB	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	TEC PLY-WIPE-137	WT	G			6/30	1437		1								X	X		A010771 A011203
2	PLY-BULK-138	SL					1438		1								X	X		A010772
3	-139						1439		1								X	X		A010773
4	-140						1440		1								X	X		A010774
5	-141						1441		1								X	X		A010775
6	-142						1442		1								X	X		A010776
7	-143						1443		1								X	X		A010777
8	-144						1444		1								X	X		A010778
9	-145						1445		1								X	X		A010779
10	-146						1446		1								X	X		A010780
11	-147						1447		1								X	X		A010781
12	-148						1448		1								X	X		A010782

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	[signature]	6/30/11	1900	FedEx			1.7	Y	Y	Y
	FedEx			K Knightlen PACE	7-1-11	09:14				

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: JOHN MULHALL

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 6/30/11

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-May-2007

GC - PCB

Analytical Sample Results

NEA Job Number: 11070063

NEA Laboratory, Division of Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: TRC ENVIRONMENTAL
Project: 115058 NBHS PCB SAMPLING
Client Sample ID: PLY-WIPE-125
Lab Sample ID: 11070063-01 (AO11194)

Collection Date: 06/30/2011 14:25
Sample Matrix: WIPE
Received Date: 07/01/2011 09:14
Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC21F-1522-26	SW-846 8082 (PCB)	07/07/2011 04:16	TEH	NA	NA	Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm
Prep 1:	14451	EPA 3540C	07/05/2011 17:45	JLG	1 Wipe(s)	25.0 mL	NA

3

Analyte	CAS No.	Result (ug/Wipe)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.500	1.00	U	GC21F-1522-26
Aroclor 1221	11104-28-2	ND	0.500	1.00	U	GC21F-1522-26
Aroclor 1232	11141-16-5	ND	0.500	1.00	U	GC21F-1522-26
Aroclor 1242	53469-21-9	ND	0.500	1.00	U	GC21F-1522-26
Aroclor 1248	12672-29-6	ND	0.500	1.00	U	GC21F-1522-26
Aroclor 1254	11097-69-1	ND	0.500	1.00	U	GC21F-1522-26
Aroclor 1260	11096-82-5	ND	0.500	1.00	U	GC21F-1522-26
Aroclor 1262	37324-23-5	ND	0.500	1.00	U	GC21F-1522-26
Aroclor 1268	11100-14-4	ND	0.500	1.00	U	GC21F-1522-26
Total PCB's	1336-36-3	ND		1.00	U	GC21F-1522-26

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Tetrachloro-meta-xylene	877-09-8	96.2	60.0-140		GC21F-1522-26
Decachlorobiphenyl	2051-24-3	108	60.0-140		GC21F-1522-26
Tetrachloro-meta-xylene	877-09-8	92.0	60.0-140		GC21B-1457-26
Decachlorobiphenyl	2051-24-3	96.7	60.0-140		GC21B-1457-26

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

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Analytical Sample Results

NEA Job Number: 11070063

NEA Laboratory, Division of Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: TRC ENVIRONMENTAL
Project: 115058 NBHS PCB SAMPLING
Client Sample ID: PLY-WIPE-126
Lab Sample ID: 11070063-02 (AO11195)

Collection Date: 06/30/2011 14:26
Sample Matrix: WIPE
Received Date: 07/01/2011 09:14
Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC21F-1522-27	SW-846 8082 (PCB)	07/07/2011 04:48	TEH	NA	NA	Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm
Prep 1:	14451	EPA 3540C	07/05/2011 17:45	JLG	1 Wipe(s)	25.0 mL	NA

3

Analyte	CAS No.	Result (ug/Wipe)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.500	1.00	U	GC21F-1522-27
Aroclor 1221	11104-28-2	ND	0.500	1.00	U	GC21F-1522-27
Aroclor 1232	11141-16-5	ND	0.500	1.00	U	GC21F-1522-27
Aroclor 1242	53469-21-9	ND	0.500	1.00	U	GC21F-1522-27
Aroclor 1248	12672-29-6	ND	0.500	1.00	U	GC21F-1522-27
Aroclor 1254	11097-69-1	ND	0.500	1.00	U	GC21F-1522-27
Aroclor 1260	11096-82-5	ND	0.500	1.00	U	GC21F-1522-27
Aroclor 1262	37324-23-5	ND	0.500	1.00	U	GC21F-1522-27
Aroclor 1268	11100-14-4	ND	0.500	1.00	U	GC21F-1522-27
Total PCB's	1336-36-3	ND		1.00	U	GC21F-1522-27

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Tetrachloro-meta-xylene	877-09-8	97.5	60.0-140		GC21F-1522-27
Decachlorobiphenyl	2051-24-3	113	60.0-140		GC21F-1522-27
Tetrachloro-meta-xylene	877-09-8	96.5	60.0-140		GC21B-1457-27
Decachlorobiphenyl	2051-24-3	101	60.0-140		GC21B-1457-27

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

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Analytical Sample Results

NEA Job Number: 11070063

NEA Laboratory, Division of Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: TRC ENVIRONMENTAL
Project: 115058 NBHS PCB SAMPLING
Client Sample ID: PLY-WIPE-127
Lab Sample ID: 11070063-03 (AO11196)

Collection Date: 06/30/2011 14:27
Sample Matrix: WIPE
Received Date: 07/01/2011 09:14
Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC21F-1522-28	SW-846 8082 (PCB)	07/07/2011 05:21	TEH	NA	NA	Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm
Prep 1:	14451	EPA 3540C	07/05/2011 17:45	JLG	1 Wipe(s)	25.0 mL	NA

3

Analyte	CAS No.	Result (ug/Wipe)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.500	1.00	U	GC21F-1522-28
Aroclor 1221	11104-28-2	ND	0.500	1.00	U	GC21F-1522-28
Aroclor 1232	11141-16-5	ND	0.500	1.00	U	GC21F-1522-28
Aroclor 1242	53469-21-9	ND	0.500	1.00	U	GC21F-1522-28
Aroclor 1248	12672-29-6	ND	0.500	1.00	U	GC21F-1522-28
Aroclor 1254	11097-69-1	ND	0.500	1.00	U	GC21F-1522-28
Aroclor 1260	11096-82-5	ND	0.500	1.00	U	GC21F-1522-28
Aroclor 1262	37324-23-5	ND	0.500	1.00	U	GC21F-1522-28
Aroclor 1268	11100-14-4	ND	0.500	1.00	U	GC21F-1522-28
Total PCB's	1336-36-3	ND		1.00	U	GC21F-1522-28

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Tetrachloro-meta-xylene	877-09-8	93.5	60.0-140		GC21F-1522-28
Decachlorobiphenyl	2051-24-3	107	60.0-140		GC21F-1522-28
Tetrachloro-meta-xylene	877-09-8	91.0	60.0-140		GC21B-1457-28
Decachlorobiphenyl	2051-24-3	99.7	60.0-140		GC21B-1457-28

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

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Analytical Sample Results

NEA Job Number: 11070063

NEA Laboratory, Division of Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: TRC ENVIRONMENTAL
Project: 115058 NBHS PCB SAMPLING
Client Sample ID: PLY-WIPE-128
Lab Sample ID: 11070063-04 (AO11197)

Collection Date: 06/30/2011 14:28
Sample Matrix: WIPE
Received Date: 07/01/2011 09:14
Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC21F-1522-29	SW-846 8082 (PCB)	07/07/2011 05:54	TEH	NA	NA	Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm
Prep 1:	14451	EPA 3540C	07/05/2011 17:45	JLG	1 Wipe(s)	25.0 mL	NA

3

Analyte	CAS No.	Result (ug/Wipe)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.500	1.00	U	GC21F-1522-29
Aroclor 1221	11104-28-2	ND	0.500	1.00	U	GC21F-1522-29
Aroclor 1232	11141-16-5	ND	0.500	1.00	U	GC21F-1522-29
Aroclor 1242	53469-21-9	ND	0.500	1.00	U	GC21F-1522-29
Aroclor 1248	12672-29-6	ND	0.500	1.00	U	GC21F-1522-29
Aroclor 1254	11097-69-1	ND	0.500	1.00	U	GC21F-1522-29
Aroclor 1260	11096-82-5	ND	0.500	1.00	U	GC21F-1522-29
Aroclor 1262	37324-23-5	ND	0.500	1.00	U	GC21F-1522-29
Aroclor 1268	11100-14-4	ND	0.500	1.00	U	GC21F-1522-29
Total PCB's	1336-36-3	ND		1.00	U	GC21F-1522-29

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Tetrachloro-meta-xylene	877-09-8	102	60.0-140		GC21F-1522-29
Decachlorobiphenyl	2051-24-3	115	60.0-140		GC21F-1522-29
Tetrachloro-meta-xylene	877-09-8	98.7	60.0-140		GC21B-1457-29
Decachlorobiphenyl	2051-24-3	102	60.0-140		GC21B-1457-29

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

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Analytical Sample Results

NEA Job Number: 11070063

NEA Laboratory, Division of Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: TRC ENVIRONMENTAL
Project: 115058 NBHS PCB SAMPLING
Client Sample ID: PLY-WIPE-130
Lab Sample ID: 11070063-05 (AO11198)

Collection Date: 06/30/2011 14:30
Sample Matrix: WIPE
Received Date: 07/01/2011 09:14
Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC21F-1522-30	SW-846 8082 (PCB)	07/07/2011 06:27	TEH	NA	NA	Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm
Prep 1:	14451	EPA 3540C	07/05/2011 17:45	JLG	1 Wipe(s)	25.0 mL	NA

3

Analyte	CAS No.	Result (ug/Wipe)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.500	1.00	U	GC21F-1522-30
Aroclor 1221	11104-28-2	ND	0.500	1.00	U	GC21F-1522-30
Aroclor 1232	11141-16-5	ND	0.500	1.00	U	GC21F-1522-30
Aroclor 1242	53469-21-9	ND	0.500	1.00	U	GC21F-1522-30
Aroclor 1248	12672-29-6	ND	0.500	1.00	U	GC21F-1522-30
Aroclor 1254	11097-69-1	ND	0.500	1.00	U	GC21F-1522-30
Aroclor 1260	11096-82-5	ND	0.500	1.00	U	GC21F-1522-30
Aroclor 1262	37324-23-5	ND	0.500	1.00	U	GC21F-1522-30
Aroclor 1268	11100-14-4	ND	0.500	1.00	U	GC21F-1522-30
Total PCB's	1336-36-3	ND		1.00	U	GC21F-1522-30

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Tetrachloro-meta-xylene	877-09-8	103	60.0-140		GC21F-1522-30
Decachlorobiphenyl	2051-24-3	114	60.0-140		GC21F-1522-30
Tetrachloro-meta-xylene	877-09-8	91.7	60.0-140		GC21B-1457-30
Decachlorobiphenyl	2051-24-3	103	60.0-140		GC21B-1457-30

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

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Analytical Sample Results

NEA Job Number: 11070063

NEA Laboratory, Division of Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: TRC ENVIRONMENTAL
Project: 115058 NBHS PCB SAMPLING
Client Sample ID: PLY-WIPE-132
Lab Sample ID: 11070063-06 (AO11199)

Collection Date: 06/30/2011 14:32
Sample Matrix: WIPE
Received Date: 07/01/2011 09:14
Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC21F-1522-31	SW-846 8082 (PCB)	07/07/2011 07:00	TEH	NA	NA	Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm
Prep 1:	14451	EPA 3540C	07/05/2011 17:45	JLG	1 Wipe(s)	25.0 mL	NA

3

Analyte	CAS No.	Result (ug/Wipe)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.500	1.00	U	GC21F-1522-31
Aroclor 1221	11104-28-2	ND	0.500	1.00	U	GC21F-1522-31
Aroclor 1232	11141-16-5	ND	0.500	1.00	U	GC21F-1522-31
Aroclor 1242	53469-21-9	ND	0.500	1.00	U	GC21F-1522-31
Aroclor 1248	12672-29-6	ND	0.500	1.00	U	GC21F-1522-31
Aroclor 1254	11097-69-1	ND	0.500	1.00	U	GC21F-1522-31
Aroclor 1260	11096-82-5	ND	0.500	1.00	U	GC21F-1522-31
Aroclor 1262	37324-23-5	ND	0.500	1.00	U	GC21F-1522-31
Aroclor 1268	11100-14-4	ND	0.500	1.00	U	GC21F-1522-31
Total PCB's	1336-36-3	ND		1.00	U	GC21F-1522-31

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Tetrachloro-meta-xylene	877-09-8	96.6	60.0-140		GC21F-1522-31
Decachlorobiphenyl	2051-24-3	111	60.0-140		GC21F-1522-31
Tetrachloro-meta-xylene	877-09-8	92.0	60.0-140		GC21B-1457-31
Decachlorobiphenyl	2051-24-3	102	60.0-140		GC21B-1457-31

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

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Analytical Sample Results

NEA Job Number: 11070063

NEA Laboratory, Division of Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: TRC ENVIRONMENTAL
Project: 115058 NBHS PCB SAMPLING
Client Sample ID: PLY-WIPE-133
Lab Sample ID: 11070063-07 (AO11200)

Collection Date: 06/30/2011 14:33
Sample Matrix: WIPE
Received Date: 07/01/2011 09:14
Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC21F-1522-33	SW-846 8082 (PCB)	07/07/2011 08:05	TEH	NA	NA	Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm
Prep 1:	14451	EPA 3540C	07/05/2011 17:45	JLG	1 Wipe(s)	25.0 mL	NA

3

Analyte	CAS No.	Result (ug/Wipe)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.500	1.00	U	GC21F-1522-33
Aroclor 1221	11104-28-2	ND	0.500	1.00	U	GC21F-1522-33
Aroclor 1232	11141-16-5	ND	0.500	1.00	U	GC21F-1522-33
Aroclor 1242	53469-21-9	ND	0.500	1.00	U	GC21F-1522-33
Aroclor 1248	12672-29-6	ND	0.500	1.00	U	GC21F-1522-33
Aroclor 1254	11097-69-1	ND	0.500	1.00	U	GC21F-1522-33
Aroclor 1260	11096-82-5	ND	0.500	1.00	U	GC21F-1522-33
Aroclor 1262	37324-23-5	ND	0.500	1.00	U	GC21F-1522-33
Aroclor 1268	11100-14-4	ND	0.500	1.00	U	GC21F-1522-33
Total PCB's	1336-36-3	ND		1.00	U	GC21F-1522-33

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Tetrachloro-meta-xylene	877-09-8	101	60.0-140		GC21F-1522-33
Decachlorobiphenyl	2051-24-3	114	60.0-140		GC21F-1522-33
Tetrachloro-meta-xylene	877-09-8	94.3	60.0-140		GC21B-1457-33
Decachlorobiphenyl	2051-24-3	105	60.0-140		GC21B-1457-33

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

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Analytical Sample Results

NEA Job Number: 11070063

NEA Laboratory, Division of Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: TRC ENVIRONMENTAL
Project: 115058 NBHS PCB SAMPLING
Client Sample ID: PLY-WIPE-135
Lab Sample ID: 11070063-08 (AO11201)

Collection Date: 06/30/2011 14:35
Sample Matrix: WIPE
Received Date: 07/01/2011 09:14
Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC21F-1522-34	SW-846 8082 (PCB)	07/07/2011 08:38	TEH	NA	NA	Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm
Prep 1:	14451	EPA 3540C	07/05/2011 17:45	JLG	1 Wipe(s)	25.0 mL	NA

3

Analyte	CAS No.	Result (ug/Wipe)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.500	1.00	U	GC21F-1522-34
Aroclor 1221	11104-28-2	ND	0.500	1.00	U	GC21F-1522-34
Aroclor 1232	11141-16-5	ND	0.500	1.00	U	GC21F-1522-34
Aroclor 1242	53469-21-9	ND	0.500	1.00	U	GC21F-1522-34
Aroclor 1248	12672-29-6	ND	0.500	1.00	U	GC21F-1522-34
Aroclor 1254	11097-69-1	ND	0.500	1.00	U	GC21F-1522-34
Aroclor 1260	11096-82-5	ND	0.500	1.00	U	GC21F-1522-34
Aroclor 1262	37324-23-5	ND	0.500	1.00	U	GC21F-1522-34
Aroclor 1268	11100-14-4	ND	0.500	1.00	U	GC21F-1522-34
Total PCB's	1336-36-3	ND		1.00	U	GC21F-1522-34

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Tetrachloro-meta-xylene	877-09-8	97.5	60.0-140		GC21F-1522-34
Decachlorobiphenyl	2051-24-3	109	60.0-140		GC21F-1522-34
Tetrachloro-meta-xylene	877-09-8	94.9	60.0-140		GC21B-1457-34
Decachlorobiphenyl	2051-24-3	102	60.0-140		GC21B-1457-34

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

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Analytical Sample Results

NEA Job Number: 11070063

NEA Laboratory, Division of Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: TRC ENVIRONMENTAL
Project: 115058 NBHS PCB SAMPLING
Client Sample ID: PLY-WIPE-136
Lab Sample ID: 11070063-09 (AO11202)

Collection Date: 06/30/2011 14:36
Sample Matrix: WIPE
Received Date: 07/01/2011 09:14
Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC21F-1522-35	SW-846 8082 (PCB)	07/07/2011 09:11	TEH	NA	NA	Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm
Prep 1:	14451	EPA 3540C	07/05/2011 17:45	JLG	1 Wipe(s)	25.0 mL	NA

3

Analyte	CAS No.	Result (ug/Wipe)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.500	1.00	U	GC21F-1522-35
Aroclor 1221	11104-28-2	ND	0.500	1.00	U	GC21F-1522-35
Aroclor 1232	11141-16-5	ND	0.500	1.00	U	GC21F-1522-35
Aroclor 1242	53469-21-9	ND	0.500	1.00	U	GC21F-1522-35
Aroclor 1248	12672-29-6	ND	0.500	1.00	U	GC21F-1522-35
Aroclor 1254	11097-69-1	ND	0.500	1.00	U	GC21F-1522-35
Aroclor 1260	11096-82-5	ND	0.500	1.00	U	GC21F-1522-35
Aroclor 1262	37324-23-5	ND	0.500	1.00	U	GC21F-1522-35
Aroclor 1268	11100-14-4	ND	0.500	1.00	U	GC21F-1522-35
Total PCB's	1336-36-3	ND		1.00	U	GC21F-1522-35

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Tetrachloro-meta-xylene	877-09-8	99.5	60.0-140		GC21F-1522-35
Decachlorobiphenyl	2051-24-3	111	60.0-140		GC21F-1522-35
Tetrachloro-meta-xylene	877-09-8	96.5	60.0-140		GC21B-1457-35
Decachlorobiphenyl	2051-24-3	106	60.0-140		GC21B-1457-35

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

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Analytical Sample Results

NEA Job Number: 11070063

NEA Laboratory, Division of Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: TRC ENVIRONMENTAL
Project: 115058 NBHS PCB SAMPLING
Client Sample ID: PLY-WIPE-137
Lab Sample ID: 11070063-10 (AO11203)

Collection Date: 06/30/2011 14:37
Sample Matrix: WIPE
Received Date: 07/01/2011 09:14
Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC21F-1522-36	SW-846 8082 (PCB)	07/07/2011 09:44	TEH	NA	NA	Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm
Prep 1:	14451	EPA 3540C	07/05/2011 17:45	JLG	1 Wipe(s)	25.0 mL	NA

3

Analyte	CAS No.	Result (ug/Wipe)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.500	1.00	U	GC21F-1522-36
Aroclor 1221	11104-28-2	ND	0.500	1.00	U	GC21F-1522-36
Aroclor 1232	11141-16-5	ND	0.500	1.00	U	GC21F-1522-36
Aroclor 1242	53469-21-9	ND	0.500	1.00	U	GC21F-1522-36
Aroclor 1248	12672-29-6	ND	0.500	1.00	U	GC21F-1522-36
Aroclor 1254	11097-69-1	ND	0.500	1.00	U	GC21F-1522-36
Aroclor 1260	11096-82-5	ND	0.500	1.00	U	GC21F-1522-36
Aroclor 1262	37324-23-5	ND	0.500	1.00	U	GC21F-1522-36
Aroclor 1268	11100-14-4	ND	0.500	1.00	U	GC21F-1522-36
Total PCB's	1336-36-3	ND		1.00	U	GC21F-1522-36

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Tetrachloro-meta-xylene	877-09-8	99.5	60.0-140		GC21F-1522-36
Decachlorobiphenyl	2051-24-3	111	60.0-140		GC21F-1522-36
Tetrachloro-meta-xylene	877-09-8	95.0	60.0-140		GC21B-1457-36
Decachlorobiphenyl	2051-24-3	105	60.0-140		GC21B-1457-36

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

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GC - PCB QC

4

Quality Control Results
Method Blank
NEA Job Number: 11070063

NEA Laboratory, Division of Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: TRC ENVIRONMENTAL
Project: 115058 NBHS PCB SAMPLING
Client Sample ID: Method Blank (AO11194B)
Lab Sample ID: PBLK-70

Collection Date: N/A
Sample Matrix: WIPE
Received Date: N/A
Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC21B-1457-24	SW-846 8082 (PCB)	07/07/2011 03:10	TEH	NA	NA	Phenomenex, Zebron ZB-5, 30 m, 0.25 mm ID, 0.25 µm
Prep 1:	14451	EPA 3540C	07/05/2011 17:45	JLG	1 Wipe(s)	25.0 mL	NA

Analyte	CAS No.	Result (ug/Wipe)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.500	1.00	U	GC21B-1457-24
Aroclor 1221	11104-28-2	ND	0.500	1.00	U	GC21B-1457-24
Aroclor 1232	11141-16-5	ND	0.500	1.00	U	GC21B-1457-24
Aroclor 1242	53469-21-9	ND	0.500	1.00	U	GC21B-1457-24
Aroclor 1248	12672-29-6	ND	0.500	1.00	U	GC21B-1457-24
Aroclor 1254	11097-69-1	ND	0.500	1.00	U	GC21B-1457-24
Aroclor 1260	11096-82-5	ND	0.500	1.00	U	GC21B-1457-24
Aroclor 1262	37324-23-5	ND	0.500	1.00	U	GC21B-1457-24
Aroclor 1268	11100-14-4	ND	0.500	1.00	U	GC21B-1457-24
Total PCB's	1336-36-3	ND		1.00	U	GC21B-1457-24

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Tetrachloro-meta-xylene	877-09-8	87.2	60.0-140		GC21B-1457-24
Decachlorobiphenyl	2051-24-3	102	60.0-140		GC21B-1457-24

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

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Quality Control Results
Method Blank
NEA Job Number: 11070063

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2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: TRC ENVIRONMENTAL
Project: 115058 NBHS PCB SAMPLING
Client Sample ID: Method Blank (AO11194B)
Lab Sample ID: PBLK-70

Collection Date: N/A
Sample Matrix: WIPE
Received Date: N/A
Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC21F-1522-24	SW-846 8082 (PCB)	07/07/2011 03:10	TEH	NA	NA	Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm
Prep 1:	14451	EPA 3540C	07/05/2011 17:45	JLG	1 Wipe(s)	25.0 mL	NA

Analyte	CAS No.	Result (ug/Wipe)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.500	1.00	U	GC21F-1522-24
Aroclor 1221	11104-28-2	ND	0.500	1.00	U	GC21F-1522-24
Aroclor 1232	11141-16-5	ND	0.500	1.00	U	GC21F-1522-24
Aroclor 1242	53469-21-9	ND	0.500	1.00	U	GC21F-1522-24
Aroclor 1248	12672-29-6	ND	0.500	1.00	U	GC21F-1522-24
Aroclor 1254	11097-69-1	ND	0.500	1.00	U	GC21F-1522-24
Aroclor 1260	11096-82-5	ND	0.500	1.00	U	GC21F-1522-24
Aroclor 1262	37324-23-5	ND	0.500	1.00	U	GC21F-1522-24
Aroclor 1268	11100-14-4	ND	0.500	1.00	U	GC21F-1522-24
Total PCB's	1336-36-3	ND		1.00	U	GC21F-1522-24

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Tetrachloro-meta-xylene	877-09-8	104	60.0-140		GC21F-1522-24
Decachlorobiphenyl	2051-24-3	112	60.0-140		GC21F-1522-24

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

4

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Quality Control Results
Lab Control Sample
NEA Job Number: 11070063

NEA Laboratory, Division of Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: TRC ENVIRONMENTAL
Project: 115058 NBHS PCB SAMPLING
Client Sample ID: Lab Control Sample (AO11194L)
Lab Sample ID: LCS-70

Collection Date: N/A
Sample Matrix: WIPE
Received Date: N/A
Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC21B-1457-25	SW-846 8082 (PCB)	07/07/2011 03:43	TEH	NA	NA	Phenomenex, Zebron ZB-5, 30 m, 0.25 mm ID, 0.25 µm
Prep 1:	14451	EPA 3540C	07/05/2011 17:45	JLG	1 Wipe(s)	25.0 mL	NA

4

Analyte Spiked	CAS No.	Added (ug/Wipe)	LCS (ug/Wipe)	LCS % Rec.	Q[1]	Limits (%)
Aroclor 1254	11097-69-1	12.5	12.1	97.1		70.0-130

[1]Qualifier column where '*' denotes value outside the control limits.

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Tetrachloro-meta-xylene	877-09-8	94.1	60.0-140		GC21B-1457-25
Decachlorobiphenyl	2051-24-3	96.1	60.0-140		GC21B-1457-25

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

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Quality Control Results
Lab Control Sample
NEA Job Number: 11070063

NEA Laboratory, Division of Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: TRC ENVIRONMENTAL
Project: 115058 NBHS PCB SAMPLING
Client Sample ID: Lab Control Sample (AO11194L)
Lab Sample ID: LCS-70

Collection Date: N/A
Sample Matrix: WIPE
Received Date: N/A
Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC21F-1522-25	SW-846 8082 (PCB)	07/07/2011 03:43	TEH	NA	NA	Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm
Prep 1:	14451	EPA 3540C	07/05/2011 17:45	JLG	1 Wipe(s)	25.0 mL	NA

Analyte Spiked	CAS No.	Added (ug/Wipe)	LCS (ug/Wipe)	LCS % Rec.	Q[1]	Limits (%)
Aroclor 1254	11097-69-1	12.5	12.4	99.4		70.0-130

[1]Qualifier column where '*' denotes value outside the control limits.

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Tetrachloro-meta-xylene	877-09-8	94.5	60.0-140		GC21F-1522-25
Decachlorobiphenyl	2051-24-3	107	60.0-140		GC21F-1522-25

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

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Date: July 28, 2011

NEA Analytical e-Report

Report prepared for:
TRC ENVIRONMENTAL
WANNALANCIT MILLS
650 SUFFOLK ST
LOWELL, MA 01854
CONTACT: DAVE SULLIVAN

Project ID: NBHS/115058/720/2
Sampling Date(s): July 26, 2011
NEA Report ID: 11070439
Report Date: July 28, 2011
Client Service Contact: William Kotas (518) 346-4592 ext. 17

Analysis Included:
PCB Analysis (Solid)

Test results meet all National Environmental Laboratory Accreditation Conference (NELAC) requirements unless noted in the case narrative. This report shall not be reproduced, except in full, without the written consent of Northeast Analytical, Inc.

Robert E. Wagner
Laboratory Director

Certifications: NY (NY00906), NJ (NY026), CT (PH-0337), MA(M-NY906), NC (668)

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Table of Contents

Section 1: SAMPLE CHAIN OF CUSTODY 4

Section 2: GC - PCB 6

Section 3: GC - PCB QC 17

SAMPLE CHAIN OF CUSTODY

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

<11070439P1>

110704391

Page: 1 of 1

1466638

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: TRC	Report To: David Sullivan	Attention:
Address: 650 Suffolk Street	Copy To:	Company Name:
Lowell, MA		Address:
Email To: dsullivan@trcsolutions.com	Purchase Order No.:	Pace Quote Reference:
Phone: 978.970.5600 Fax:	Project Name: New Bedford High School	Pace Project Manager:
Requested Due Date/TAT: 1 Business Day RUSH	Project Number: 115058	Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☒ OTHER EPA

Site Location STATE: MA

Section D Required Client Information

Matrix Codes MATRIX / CODE: Drinking Water DW, Water WT, Waste Water WW, Product P, Soil/Solid SL, Oil OL, Wipe WP, Air AR, Tissue TS, Other OT

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Concrete

Requested Analysis Filtered (Y/N): Y/N

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test: EPA 8082 - PCB	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	B-230-CON-1 (0-0.5")	OT	G			7/26/11	1335			X										A013893
2	B-230-CON-2 (0-0.5")						1345													A013894
3	B-230-COL (0-0.5")						1355													A013895
4	A-211-CON-1 (0-0.5")						1530													A013896
5	A-211-CON-2 (0-0.5")						1540													A013897
6	A-211-CON-3 (0-0.5")						1550													A013898
7	A-213-CON-1 (0-0.5")						1600													A013899
8	A-213-CON-2 (0-0.5")						1610													~~A0138~~ A013900
9	A-213-CON-3 (0-0.5")						1620													A013901
10	DUP-1 (0-0.5")	OT	G			7/26/11	1700			X										A013902
11																				
12																				

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
Relinquish via FedEx	Kevin Jordan (TRC)	7/26/11	1900	VIA FedEx			2.6 (IR)	Y	Y	Y
							0.3 TB			
	VIA FedEx			[illegible] / PACE	7/27/11	09:28				

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Kevin Jordan and Jason Fiero

SIGNATURE of SAMPLER: Kevin [illegible] DATE Signed (MM/DD/YY):

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-May-2007

GC - PCB

Analytical Sample Results

NEA Job Number: 11070439

NEA Laboratory, Division of Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: TRC ENVIRONMENTAL
Project: NBHS/115058/720/2
Client Sample ID: B-230-CON-1 (0-0.5")
Lab Sample ID: 11070439-01 (AO13893)

Collection Date: 07/26/2011 13:35
Sample Matrix: SOLID
Received Date: 07/27/2011 09:28
Percent Solid: 100 - Results are based on dry weight unless otherwise noted.

2

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC21B-1480-6	SW-846 8082 (PCB)	07/28/2011 11:08	JKA	NA	NA	Phenomenex, Zebron ZB-5, 30 m, 0.25 mm ID, 0.25 µm
Prep 1:	14842	EPA 3540C	07/27/2011 11:53	KLR	5.01 g	25.0 mL	NA

Analyte	CAS No.	Result (ug/g)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.0997	1.00	U	GC21B-1480-6
Aroclor 1221	11104-28-2	ND	0.0997	1.00	U	GC21B-1480-6
Aroclor 1232	11141-16-5	ND	0.0997	1.00	U	GC21B-1480-6
Aroclor 1242	53469-21-9	ND	0.0997	1.00	U	GC21B-1480-6
Aroclor 1248	12672-29-6	0.257	0.0997	1.00	AE,AJ	GC21B-1480-6
Aroclor 1254	11097-69-1	ND	0.0997	1.00	U	GC21B-1480-6
Aroclor 1260	11096-82-5	ND	0.0997	1.00	U	GC21B-1480-6
Total PCB Amount > RL	1336-36-3	0.257		1.00		GC21B-1480-6

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Tetrachloro-meta-xylene	877-09-8	101	60.0-140		GC21F-1543-6
Decachlorobiphenyl	2051-24-3	110	60.0-140		GC21F-1543-6
Tetrachloro-meta-xylene	877-09-8	88.9	60.0-140		GC21B-1480-6
Decachlorobiphenyl	2051-24-3	98.3	60.0-140		GC21B-1480-6

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.
AE-Aroclor 1248 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
AJ-Sample exhibited a chromatographic pattern indicating both Aroclor 1242 and Aroclor 1248 to be present. The Aroclor reported was based on selecting the Aroclor that exhibited the higher concentration.

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Analytical Sample Results

NEA Job Number: 11070439

NEA Laboratory, Division of Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: TRC ENVIRONMENTAL
Project: NBHS/115058/720/2
Client Sample ID: B-230 CON-2 (0-0.5")
Lab Sample ID: 11070439-02 (AO13894)

Collection Date: 07/26/2011 13:45
Sample Matrix: SOLID
Received Date: 07/27/2011 09:28
Percent Solid: 100 - Results are based on dry weight unless otherwise noted.

2

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC21B-1480-7	SW-846 8082 (PCB)	07/28/2011 11:41	JKA	NA	NA	Phenomenex, Zebron ZB-5, 30 m, 0.25 mm ID, 0.25 µm
Prep 1:	14842	EPA 3540C	07/27/2011 11:55	KLR	5.00 g	25.0 mL	NA

Analyte	CAS No.	Result (ug/g)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.100	1.00	U	GC21B-1480-7
Aroclor 1221	11104-28-2	ND	0.100	1.00	U	GC21B-1480-7
Aroclor 1232	11141-16-5	ND	0.100	1.00	U	GC21B-1480-7
Aroclor 1242	53469-21-9	ND	0.100	1.00	U	GC21B-1480-7
Aroclor 1248	12672-29-6	0.187	0.100	1.00	AE,AJ	GC21B-1480-7
Aroclor 1254	11097-69-1	ND	0.100	1.00	U	GC21B-1480-7
Aroclor 1260	11096-82-5	ND	0.100	1.00	U	GC21B-1480-7
Total PCB Amount > RL	1336-36-3	0.187		1.00		GC21B-1480-7

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Tetrachloro-meta-xylene	877-09-8	99.6	60.0-140		GC21F-1543-7
Decachlorobiphenyl	2051-24-3	108	60.0-140		GC21F-1543-7
Tetrachloro-meta-xylene	877-09-8	89.3	60.0-140		GC21B-1480-7
Decachlorobiphenyl	2051-24-3	97.8	60.0-140		GC21B-1480-7

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.
AE-Aroclor 1248 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
AJ-Sample exhibited a chromatographic pattern indicating both Aroclor 1242 and Aroclor 1248 to be present. The Aroclor reported was based on selecting the Aroclor that exhibited the higher concentration.

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Analytical Sample Results

NEA Job Number: 11070439

NEA Laboratory, Division of Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: TRC ENVIRONMENTAL
Project: NBHS/115058/720/2
Client Sample ID: B-230 COL (0-0.5")
Lab Sample ID: 11070439-03 (AO13895)

Collection Date: 07/26/2011 13:55
Sample Matrix: SOLID
Received Date: 07/27/2011 09:28
Percent Solid: 100 - Results are based on dry weight unless otherwise noted.

2

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC21B-1480-9	SW-846 8082 (PCB)	07/28/2011 12:47	JKA	NA	NA	Phenomenex, Zebron ZB-5, 30 m, 0.25 mm ID, 0.25 µm
Prep 1:	14842	EPA 3540C	07/27/2011 11:56	KLR	5.07 g	25.0 mL	NA

Analyte	CAS No.	Result (ug/g)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.0986	1.00	U	GC21B-1480-9
Aroclor 1221	11104-28-2	ND	0.0986	1.00	U	GC21B-1480-9
Aroclor 1232	11141-16-5	ND	0.0986	1.00	U	GC21B-1480-9
Aroclor 1242	53469-21-9	ND	0.0986	1.00	U	GC21B-1480-9
Aroclor 1248	12672-29-6	0.114	0.0986	1.00	AE,AJ	GC21B-1480-9
Aroclor 1254	11097-69-1	ND	0.0986	1.00	U	GC21B-1480-9
Aroclor 1260	11096-82-5	ND	0.0986	1.00	U	GC21B-1480-9
Total PCB Amount > RL	1336-36-3	0.114		1.00		GC21B-1480-9

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Tetrachloro-meta-xylene	877-09-8	107	60.0-140		GC21F-1543-9
Decachlorobiphenyl	2051-24-3	117	60.0-140		GC21F-1543-9
Tetrachloro-meta-xylene	877-09-8	95.9	60.0-140		GC21B-1480-9
Decachlorobiphenyl	2051-24-3	105	60.0-140		GC21B-1480-9

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.
AE-Aroclor 1248 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
AJ-Sample exhibited a chromatographic pattern indicating both Aroclor 1242 and Aroclor 1248 to be present. The Aroclor reported was based on selecting the Aroclor that exhibited the higher concentration.

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Analytical Sample Results

NEA Job Number: 11070439

NEA Laboratory, Division of Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: TRC ENVIRONMENTAL
Project: NBHS/115058/720/2
Client Sample ID: A-211-CON-1 (0-0.5")
Lab Sample ID: 11070439-04 (AO13896)

Collection Date: 07/26/2011 15:30
Sample Matrix: SOLID
Received Date: 07/27/2011 09:28
Percent Solid: 100 - Results are based on dry weight unless otherwise noted.

2

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC21F-1543-10	SW-846 8082 (PCB)	07/28/2011 13:20	JKA	NA	NA	Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm
Prep 1:	14842	EPA 3540C	07/27/2011 11:57	KLR	5.15 g	25.0 mL	NA

Analyte	CAS No.	Result (ug/g)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.0970	1.00	U	GC21F-1543-10
Aroclor 1221	11104-28-2	ND	0.0970	1.00	U	GC21F-1543-10
Aroclor 1232	11141-16-5	ND	0.0970	1.00	U	GC21F-1543-10
Aroclor 1242	53469-21-9	ND	0.0970	1.00	U	GC21F-1543-10
Aroclor 1248	12672-29-6	ND	0.0970	1.00	U	GC21F-1543-10
Aroclor 1254	11097-69-1	ND	0.0970	1.00	U	GC21F-1543-10
Aroclor 1260	11096-82-5	ND	0.0970	1.00	U	GC21F-1543-10
Total PCB Amount > RL	1336-36-3	ND		1.00	U	GC21F-1543-10

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Tetrachloro-meta-xylene	877-09-8	103	60.0-140		GC21F-1543-10
Decachlorobiphenyl	2051-24-3	116	60.0-140		GC21F-1543-10
Tetrachloro-meta-xylene	877-09-8	94.9	60.0-140		GC21B-1480-10
Decachlorobiphenyl	2051-24-3	104	60.0-140		GC21B-1480-10

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

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Analytical Sample Results

NEA Job Number: 11070439

NEA Laboratory, Division of Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: TRC ENVIRONMENTAL
Project: NBHS/115058/720/2
Client Sample ID: A-211-CON-2 (0-0.5")
Lab Sample ID: 11070439-05 (AO13897)

Collection Date: 07/26/2011 15:40
Sample Matrix: SOLID
Received Date: 07/27/2011 09:28
Percent Solid: 100 - Results are based on dry weight unless otherwise noted.

2

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC21F-1543-11	SW-846 8082 (PCB)	07/28/2011 13:52	JKA	NA	NA	Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm
Prep 1:	14842	EPA 3540C	07/27/2011 11:58	KLR	5.08 g	25.0 mL	NA

Analyte	CAS No.	Result (ug/g)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.0985	1.00	U	GC21F-1543-11
Aroclor 1221	11104-28-2	ND	0.0985	1.00	U	GC21F-1543-11
Aroclor 1232	11141-16-5	ND	0.0985	1.00	U	GC21F-1543-11
Aroclor 1242	53469-21-9	ND	0.0985	1.00	U	GC21F-1543-11
Aroclor 1248	12672-29-6	ND	0.0985	1.00	U	GC21F-1543-11
Aroclor 1254	11097-69-1	ND	0.0985	1.00	U	GC21F-1543-11
Aroclor 1260	11096-82-5	ND	0.0985	1.00	U	GC21F-1543-11
Total PCB Amount > RL	1336-36-3	ND		1.00	U	GC21F-1543-11

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Tetrachloro-meta-xylene	877-09-8	100	60.0-140		GC21F-1543-11
Decachlorobiphenyl	2051-24-3	112	60.0-140		GC21F-1543-11
Tetrachloro-meta-xylene	877-09-8	91.6	60.0-140		GC21B-1480-11
Decachlorobiphenyl	2051-24-3	99.3	60.0-140		GC21B-1480-11

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

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Analytical Sample Results

NEA Job Number: 11070439

NEA Laboratory, Division of Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

2

Client: TRC ENVIRONMENTAL
Project: NBHS/115058/720/2
Client Sample ID: A-211-CON-3 (0-0.5")
Lab Sample ID: 11070439-06 (AO13898)

Collection Date: 07/26/2011 15:55
Sample Matrix: SOLID
Received Date: 07/27/2011 09:28
Percent Solid: 100 - Results are based on dry weight unless otherwise noted.

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC21B-1480-8	SW-846 8082 (PCB)	07/28/2011 12:14	JKA	NA	NA	Phenomenex, Zebron ZB-5, 30 m, 0.25 mm ID, 0.25 µm
Prep 1:	14842	EPA 3540C	07/27/2011 11:59	KLR	5.01 g	25.0 mL	NA

Analyte	CAS No.	Result (ug/g)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.0997	1.00	U	GC21B-1480-8
Aroclor 1221	11104-28-2	ND	0.0997	1.00	U	GC21B-1480-8
Aroclor 1232	11141-16-5	ND	0.0997	1.00	U	GC21B-1480-8
Aroclor 1242	53469-21-9	ND	0.0997	1.00	U	GC21B-1480-8
Aroclor 1248	12672-29-6	0.147	0.0997	1.00	AE,AJ	GC21B-1480-8
Aroclor 1254	11097-69-1	ND	0.0997	1.00	U	GC21B-1480-8
Aroclor 1260	11096-82-5	ND	0.0997	1.00	U	GC21B-1480-8
Total PCB Amount > RL	1336-36-3	0.147		1.00		GC21B-1480-8

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Tetrachloro-meta-xylene	877-09-8	106	60.0-140		GC21F-1543-8
Decachlorobiphenyl	2051-24-3	115	60.0-140		GC21F-1543-8
Tetrachloro-meta-xylene	877-09-8	94.5	60.0-140		GC21B-1480-8
Decachlorobiphenyl	2051-24-3	100	60.0-140		GC21B-1480-8

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.
AE-Aroclor 1248 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
AJ-Sample exhibited a chromatographic pattern indicating both Aroclor 1242 and Aroclor 1248 to be present. The Aroclor reported was based on selecting the Aroclor that exhibited the higher concentration.

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Analytical Sample Results

NEA Job Number: 11070439

NEA Laboratory, Division of Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: TRC ENVIRONMENTAL
Project: NBHS/115058/720/2
Client Sample ID: A-213-CON-1 (0-0.5")
Lab Sample ID: 11070439-07 (AO13899)

Collection Date: 07/26/2011 16:00
Sample Matrix: SOLID
Received Date: 07/27/2011 09:28
Percent Solid: 100 - Results are based on dry weight unless otherwise noted.

2

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC21F-1543-16	SW-846 8082 (PCB)	07/28/2011 16:37	JKA	NA	NA	Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm
Prep 1:	14842	EPA 3540C	07/27/2011 12:01	KLR	5.11 g	25.0 mL	NA

Analyte	CAS No.	Result (ug/g)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.0978	1.00	U	GC21F-1543-16
Aroclor 1221	11104-28-2	ND	0.0978	1.00	U	GC21F-1543-16
Aroclor 1232	11141-16-5	ND	0.0978	1.00	U	GC21F-1543-16
Aroclor 1242	53469-21-9	ND	0.0978	1.00	U	GC21F-1543-16
Aroclor 1248	12672-29-6	ND	0.0978	1.00	U	GC21F-1543-16
Aroclor 1254	11097-69-1	ND	0.0978	1.00	U	GC21F-1543-16
Aroclor 1260	11096-82-5	ND	0.0978	1.00	U	GC21F-1543-16
Total PCB Amount > RL	1336-36-3	ND		1.00	U	GC21F-1543-16

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Tetrachloro-meta-xylene	877-09-8	104	60.0-140		GC21F-1543-16
Decachlorobiphenyl	2051-24-3	109	60.0-140		GC21F-1543-16
Tetrachloro-meta-xylene	877-09-8	90.7	60.0-140		GC21B-1480-16
Decachlorobiphenyl	2051-24-3	99.3	60.0-140		GC21B-1480-16

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

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Analytical Sample Results

NEA Job Number: 11070439

NEA Laboratory, Division of Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: TRC ENVIRONMENTAL
Project: NBHS/115058/720/2
Client Sample ID: A-213-CON-2 (0-0.5")
Lab Sample ID: 11070439-08 (AO13900)

Collection Date: 07/26/2011 16:10
Sample Matrix: SOLID
Received Date: 07/27/2011 09:28
Percent Solid: 100 - Results are based on dry weight unless otherwise noted.

2

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC21F-1543-13	SW-846 8082 (PCB)	07/28/2011 14:58	JKA	NA	NA	Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm
Prep 1:	14842	EPA 3540C	07/27/2011 12:02	KLR	5.04 g	25.0 mL	NA

Analyte	CAS No.	Result (ug/g)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.0993	1.00	U	GC21F-1543-13
Aroclor 1221	11104-28-2	ND	0.0993	1.00	U	GC21F-1543-13
Aroclor 1232	11141-16-5	ND	0.0993	1.00	U	GC21F-1543-13
Aroclor 1242	53469-21-9	ND	0.0993	1.00	U	GC21F-1543-13
Aroclor 1248	12672-29-6	ND	0.0993	1.00	U	GC21F-1543-13
Aroclor 1254	11097-69-1	ND	0.0993	1.00	U	GC21F-1543-13
Aroclor 1260	11096-82-5	ND	0.0993	1.00	U	GC21F-1543-13
Total PCB Amount > RL	1336-36-3	ND		1.00	U	GC21F-1543-13

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Tetrachloro-meta-xylene	877-09-8	102	60.0-140		GC21F-1543-13
Decachlorobiphenyl	2051-24-3	111	60.0-140		GC21F-1543-13
Tetrachloro-meta-xylene	877-09-8	87.0	60.0-140		GC21B-1480-13
Decachlorobiphenyl	2051-24-3	96.3	60.0-140		GC21B-1480-13

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

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Analytical Sample Results

NEA Job Number: 11070439

NEA Laboratory, Division of Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: TRC ENVIRONMENTAL
Project: NBHS/115058/720/2
Client Sample ID: A-213-CON-3 (0-0.5")
Lab Sample ID: 11070439-09 (AO13901)

Collection Date: 07/26/2011 16:20
Sample Matrix: SOLID
Received Date: 07/27/2011 09:28
Percent Solid: 100 - Results are based on dry weight unless otherwise noted.

2

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC21F-1543-14	SW-846 8082 (PCB)	07/28/2011 15:31	JKA	NA	NA	Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm
Prep 1:	14842	EPA 3540C	07/27/2011 12:03	KLR	5.01 g	25.0 mL	NA

Analyte	CAS No.	Result (ug/g)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.0999	1.00	U	GC21F-1543-14
Aroclor 1221	11104-28-2	ND	0.0999	1.00	U	GC21F-1543-14
Aroclor 1232	11141-16-5	ND	0.0999	1.00	U	GC21F-1543-14
Aroclor 1242	53469-21-9	ND	0.0999	1.00	U	GC21F-1543-14
Aroclor 1248	12672-29-6	ND	0.0999	1.00	U	GC21F-1543-14
Aroclor 1254	11097-69-1	ND	0.0999	1.00	U	GC21F-1543-14
Aroclor 1260	11096-82-5	ND	0.0999	1.00	U	GC21F-1543-14
Total PCB Amount > RL	1336-36-3	ND		1.00	U	GC21F-1543-14

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Tetrachloro-meta-xylene	877-09-8	107	60.0-140		GC21F-1543-14
Decachlorobiphenyl	2051-24-3	118	60.0-140		GC21F-1543-14
Tetrachloro-meta-xylene	877-09-8	89.5	60.0-140		GC21B-1480-14
Decachlorobiphenyl	2051-24-3	100	60.0-140		GC21B-1480-14

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

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Analytical Sample Results

NEA Job Number: 11070439

NEA Laboratory, Division of Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: TRC ENVIRONMENTAL
Project: NBHS/115058/720/2
Client Sample ID: DUP-1 (0-0.5)
Lab Sample ID: 11070439-10 (AO13902)

Collection Date: 07/26/2011 17:00
Sample Matrix: SOLID
Received Date: 07/27/2011 09:28
Percent Solid: 100 - Results are based on dry weight unless otherwise noted.

2

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC21F-1543-15	SW-846 8082 (PCB)	07/28/2011 16:04	JKA	NA	NA	Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm
Prep 1:	14842	EPA 3540C	07/27/2011 12:04	KLR	5.01 g	25.0 mL	NA

Analyte	CAS No.	Result (ug/g)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.0998	1.00	U	GC21F-1543-15
Aroclor 1221	11104-28-2	ND	0.0998	1.00	U	GC21F-1543-15
Aroclor 1232	11141-16-5	ND	0.0998	1.00	U	GC21F-1543-15
Aroclor 1242	53469-21-9	ND	0.0998	1.00	U	GC21F-1543-15
Aroclor 1248	12672-29-6	ND	0.0998	1.00	U	GC21F-1543-15
Aroclor 1254	11097-69-1	ND	0.0998	1.00	U	GC21F-1543-15
Aroclor 1260	11096-82-5	ND	0.0998	1.00	U	GC21F-1543-15
Total PCB Amount > RL	1336-36-3	ND		1.00	U	GC21F-1543-15

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Tetrachloro-meta-xylene	877-09-8	104	60.0-140		GC21F-1543-15
Decachlorobiphenyl	2051-24-3	111	60.0-140		GC21F-1543-15
Tetrachloro-meta-xylene	877-09-8	93.4	60.0-140		GC21B-1480-15
Decachlorobiphenyl	2051-24-3	101	60.0-140		GC21B-1480-15

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

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GC - PCB QC

Quality Control Results
Method Blank
NEA Job Number: 11070439

NEA Laboratory, Division of Pace Analytical Services, Inc.
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Phone: 518.346.4592
Fax: 518.381.6055

Client: TRC ENVIRONMENTAL
Project: NBHS/115058/720/2
Client Sample ID: Method Blank (AO13893B)
Lab Sample ID: PBLK-08

Collection Date: N/A
Sample Matrix: SOLID
Received Date: N/A
Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC21B-1480-4	SW-846 8082 (PCB)	07/28/2011 10:03	JKA	NA	NA	Phenomenex, Zebron ZB-5, 30 m, 0.25 mm ID, 0.25 µm
Prep 1:	14842	EPA 3540C	07/27/2011 11:41	KLR	10.1 g	25.0 mL	NA

3

Analyte	CAS No.	Result (ug/g)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.0500	1.00	U	GC21B-1480-4
Aroclor 1221	11104-28-2	ND	0.0500	1.00	U	GC21B-1480-4
Aroclor 1232	11141-16-5	ND	0.0500	1.00	U	GC21B-1480-4
Aroclor 1242	53469-21-9	ND	0.0500	1.00	U	GC21B-1480-4
Aroclor 1248	12672-29-6	ND	0.0500	1.00	U	GC21B-1480-4
Aroclor 1254	11097-69-1	ND	0.0500	1.00	U	GC21B-1480-4
Aroclor 1260	11096-82-5	ND	0.0500	1.00	U	GC21B-1480-4
Total PCB Amount > RL	1336-36-3	ND		1.00	U	GC21B-1480-4

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Tetrachloro-meta-xylene	877-09-8	88.6	60.0-140		GC21B-1480-4
Decachlorobiphenyl	2051-24-3	97.3	60.0-140		GC21B-1480-4

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

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Quality Control Results
Method Blank
NEA Job Number: 11070439

NEA Laboratory, Division of Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: TRC ENVIRONMENTAL
Project: NBHS/115058/720/2
Client Sample ID: Method Blank (AO13893B)
Lab Sample ID: PBLK-08

Collection Date: N/A
Sample Matrix: SOLID
Received Date: N/A
Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC21F-1543-4	SW-846 8082 (PCB)	07/28/2011 10:03	JKA	NA	NA	Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm
Prep 1:	14842	EPA 3540C	07/27/2011 11:41	KLR	10.1 g	25.0 mL	NA

3

Analyte	CAS No.	Result (ug/g)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.0500	1.00	U	GC21F-1543-4
Aroclor 1221	11104-28-2	ND	0.0500	1.00	U	GC21F-1543-4
Aroclor 1232	11141-16-5	ND	0.0500	1.00	U	GC21F-1543-4
Aroclor 1242	53469-21-9	ND	0.0500	1.00	U	GC21F-1543-4
Aroclor 1248	12672-29-6	ND	0.0500	1.00	U	GC21F-1543-4
Aroclor 1254	11097-69-1	ND	0.0500	1.00	U	GC21F-1543-4
Aroclor 1260	11096-82-5	ND	0.0500	1.00	U	GC21F-1543-4
Total PCB Amount > RL	1336-36-3	ND		1.00	U	GC21F-1543-4

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Tetrachloro-meta-xylene	877-09-8	98.4	60.0-140		GC21F-1543-4
Decachlorobiphenyl	2051-24-3	108	60.0-140		GC21F-1543-4

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

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Quality Control Results
Lab Control Sample
NEA Job Number: 11070439

NEA Laboratory, Division of Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: TRC ENVIRONMENTAL
Project: NBHS/115058/720/2
Client Sample ID: Lab Control Sample (AO13893L)
Lab Sample ID: LCS-08

Collection Date: N/A
Sample Matrix: SOLID
Received Date: N/A
Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC21B-1480-5	SW-846 8082 (PCB)	07/28/2011 10:36	JKA	NA	NA	Phenomenex, Zebron ZB-5, 30 m, 0.25 mm ID, 0.25 µm
Prep 1:	14842	EPA 3540C	07/27/2011 11:42	KLR	10.4 g	25.0 mL	NA

3

Analyte Spiked	CAS No.	Added (ug/g)	LCS (ug/g)	LCS % Rec.	Q[1]	Limits (%)
Aroclor 1242	53469-21-9	1.20	1.09	90.8		70.0-130

[1]Qualifier column where '*' denotes value outside the control limits.

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Tetrachloro-meta-xylene	877-09-8	91.5	60.0-140		GC21B-1480-5
Decachlorobiphenyl	2051-24-3	101	60.0-140		GC21B-1480-5

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

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Quality Control Results
Lab Control Sample
NEA Job Number: 11070439

NEA Laboratory, Division of Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: TRC ENVIRONMENTAL
Project: NBHS/115058/720/2
Client Sample ID: Lab Control Sample (AO13893L)
Lab Sample ID: LCS-08

Collection Date: N/A
Sample Matrix: SOLID
Received Date: N/A
Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC21F-1543-5	SW-846 8082 (PCB)	07/28/2011 10:36	JKA	NA	NA	Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm
Prep 1:	14842	EPA 3540C	07/27/2011 11:42	KLR	10.4 g	25.0 mL	NA

3

Analyte Spiked	CAS No.	Added (ug/g)	LCS (ug/g)	LCS % Rec.	Q[1]	Limits (%)
Aroclor 1242	53469-21-9	1.20	1.20	100		70.0-130

[1]Qualifier column where '*' denotes value outside the control limits.

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Tetrachloro-meta-xylene	877-09-8	105	60.0-140		GC21F-1543-5
Decachlorobiphenyl	2051-24-3	121	60.0-140		GC21F-1543-5

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

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Date: August 09, 2011

NEA PACE Analytical e-Report

***Issuance of this report is prior to full data package.**

Report prepared for:
TRC ENVIRONMENTAL
WANNALANCIT MILLS
650 SUFFOLK ST
LOWELL, MA 01854
CONTACT: DAVID SULLIVAN

Project ID: 115058 NBHS PCB SAMPLING
Sampling Date(s): August 04, 2011
NEA Report ID: 11080061
Client Service Contact: William Kotas (518) 346-4592 ext. 17

Analysis Included:
PCB Analysis (Solid)

Test results meet all National Environmental Laboratory Accreditation Conference (NELAC) requirements unless noted in the case narrative. The results contained within the document relate only to the samples included in this report. This report shall not be reproduced, except in full, without the written consent of NEA - A Division of Pace Analytical Services, Inc.

Robert E. Wagner
Laboratory Director

Certifications: NYS (EPA: NY00906, ELAP: 11078), NJ (NY026), CT (PH-0337), MA(M-NY906), NC (668)

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Table of Contents

Section 1: QUALIFIERS 4

Section 2: SAMPLE CHAIN OF CUSTODY 6

Section 3: GC - PCB 9

Section 4: GC - PCB QC 23

QUALIFIERS

Organic Laboratory Qualifiers Defined

B - Denotes analyte observed in associated method blank or extraction blank. Analyte concentration should be considered as estimated.

D - Surrogate was diluted out. The analysis of the sample required a dilution such that the surrogate concentration was diluted below the laboratory acceptance criteria.

E - Denotes analyte concentration exceeded calibration range of instrument. Sample could not be re-analyzed at secondary dilution due to insufficient sample amount, quick turn-around request, sample matrix interference or hold time excursion. Concentration result should be considered as estimated.

J - Denotes an estimated concentration. The concentration result is greater than or equal to the Method Detection Limit (MDL) but less than the Reporting Limit (RL).

P - Indicates relative percent difference (RPD) between primary and secondary GC column analysis exceeds 40 % or indicates percent difference (PD) between primary and secondary GC column analysis exceeds 25 %.

U - Denotes analyte not detected at concentration greater than or equal to the RL. RL's are adjusted for sample weight/volume and dilution factors.

Z - Chromatographic interference due to PCB co-elution.

* - Value not within control limits.

Inorganic Laboratory Qualifiers Defined

B - Denotes analyte observed in associated method blank or digestion blank. Analyte concentration should be considered as estimated.

E - Denotes analyte concentration exceeded calibration range of instrument. Sample could not be re-analyzed at secondary dilution due to insufficient sample amount, quick turn-around request, sample matrix interference or hold time excursion. Concentration result should be considered as estimated.

J - Denotes an estimated concentration. The concentration result is greater than or equal to the Method Detection Limit (MDL) but less than the Reporting Limit (RL).

U - Denotes analyte not detected at concentration greater than or equal to the RL. RL's are adjusted for sample weight/volume and dilution factors.

* - Value not within control limits.

SAMPLE CHAIN OF CUSTODY

Pace Analytical
www.pacelabs.com

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields <11080061P1>

110800611

Page: 1 of 2

Section A Required Client Information:

Company: TRC
Address: 650 SUFFOLK ST
LOWELL MA 01854
Email To: DSULLIVAN@TRCSOLUTIONS.COM
Phone: 978-656-3565 Fax:
Requested Due Date/TAT: 3 DAY

Section B Required Project Information:

Report To: DAVE SULLIVAN
Copy To:
Purchase Order No.:
Project Name: NIBHS
Project Number: 115058/820/3

Section C Invoice Information:

Attention:
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager:
Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☒ OTHER EPA

SITE LOCATION: ☐ GA ☐ IL ☐ IN ☐ MI ☐ NC ☐ OH ☐ SC ☐ WI ☐ OTHER MA

Section D Required Client Information

Valid Matrix Codes

MATRIX	CODE
DRINKING WATER	DW
WATER	WT
WASTE WATER	WW
PRODUCT	P
SOIL/SOLID	SL
OIL	OL
WIPE	WP
AIR	AR
OTHER	OT
TISSUE	TS

ITEM #	SAMPLE ID (One Character per box. (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE)	MATRIX CODE	SAMPLE TYPE G=GRAB C=COMP	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Requested Analysis: PCB (Cx)	Filtered (Y/N)	Residual Chlorine (Y/N)	Pace Project No. Lab I.D.
1	PAINT-DUP	SL	G	8/4/11	1430	—	—	70F	1	1								X			A014650
2	PAINT-213-1	↓	↓	↓	1530	—	—	↓										X			A014651
3	PAINT-213-2				1540	—	—											X			A014652
4	PRIME-213				1550	—	—											X			A014653
5	PAINT-213-3				1600	—	—											X			A014654
6	PAINT-211-1				1610	—	—											X			A014655
7	PAINT-211-2				1620	—	—											X			A014656
8	PRIME-211				1635	—	—											X			A014657
9	PAINT-211-3				1645	—	—											X			A014658
10	PAINT-230-1				1700	—	—											X			A014659
11	PAINT-230-2				1710	—	—											X			A014660
12	PAINT-230-3	↓	↓	↓	1715	—	—	↓										X			A014661

Additional Comments:

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
[signature] FedEx	8/4/11	1830	FedEx Kim Daughtery	8-5-11	9:48

SAMPLE CONDITIONS

Temp in °C	Received on Ice Y/N	Custody Sealed Cooler Y/N	Samples Intact Y/N
3.9	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: JOHN MULHALL
SIGNATURE of SAMPLER: [signature] DATE Signed (MM / DD / YY): 8/4/11

e-File(ALLQ020rev.3,31Mar05))22Jun2005

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

<11080061P2>

110800612

Page: 2 of 2

Section A Required Client Information:

Company: TRC
Address: 650 SUFFOLK ST. LOWELL MA 01854
Email To: DSULLIVAN@TRCSOLUTIONS.COM
Phone: 978-656-3588 Fax:
Requested Due Date/TAT:

Section B Required Project Information:

Report To: DAVE SULLIVAN
Copy To:
Purchase Order No.:
Project Name: NBHS
Project Number: 115058/820/3

Section C Invoice Information:

Attention:
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager:
Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☒ OTHER ETA

SITE LOCATION: ☐ GA ☐ IL ☐ IN ☐ MI ☐ NC ☐ OH ☐ SC ☐ WI ☐ OTHER MA

Section D Required Client Information

SAMPLE ID
One Character per box.
(A-Z, 0-9 / ,-)
Sample IDs MUST BE UNIQUE

Valid Matrix Codes

MATRIX	CODE
DRINKING WATER	DW
WATER	WT
WASTE WATER	WW
PRODUCT	P
SOIL/SOLID	SL
OIL	OL
WIPE	WP
AIR	AR
OTHER	OT
TISSUE	TS

ITEM #	SAMPLE ID	MATRIX CODE	SAMPLE TYPE G=GRAB C=COMP	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Filtered (Y/N)	Requested Analysis: PCB (soil)	Residual Chlorine (Y/N)	Pace Project No. Lab I.D.
1	PRIME-230	SL	G	8/4/11	1725	—		70F	1	1								X			A014062
2																					
3																					
4																					
5																					
6																					
7																					
8																					
9																					
10																					
11																					
12																					

Additional Comments:

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
[signature]	8/4/11	1830	FedEx		
FedEx			K. Daughtem	8-5-11	9:48

SAMPLE CONDITIONS

Temp in °C	Received on Ice	Custody Sealed Cooler	Samples Intact
3.9	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: JOHN MULHALL
SIGNATURE of SAMPLER: [signature]
DATE Signed (MM / DD / YY): 8/4/11

e-File(ALLQ020rev.3,31Mar05))22Jun2005

GC - PCB

Analytical Sample Results

NEA Job Number: 11080061

NEA Laboratory, Division of Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: TRC ENVIRONMENTAL
Project: 115058 NBHS PCB SAMPLING
Client Sample ID: PAINT-DUP
Lab Sample ID: 11080061-01 (AO14650)

Collection Date: 08/04/2011 14:30
Sample Matrix: SOLID
Received Date: 08/05/2011 09:48
Percent Solid: 100 - Results are based on dry weight unless otherwise noted.

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC21F-1555-10	SW-846 8082 (PCB)	08/08/2011 02:27	TEH	NA	NA	Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm
Prep 1:	14991	EPA 3540C	08/05/2011 12:55	KLR	3.59 g	25.0 mL	NA

3

Analyte	CAS No.	Result (ug/g)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.139	1.00	U	GC21F-1555-10
Aroclor 1221	11104-28-2	ND	0.139	1.00	U	GC21F-1555-10
Aroclor 1232	11141-16-5	ND	0.139	1.00	U	GC21F-1555-10
Aroclor 1242	53469-21-9	ND	0.139	1.00	U	GC21F-1555-10
Aroclor 1248	12672-29-6	0.381	0.139	1.00	AE	GC21F-1555-10
Aroclor 1254	11097-69-1	0.141	0.139	1.00	AF	GC21F-1555-10
Aroclor 1260	11096-82-5	ND	0.139	1.00	U	GC21F-1555-10
Total PCB Amount > RL	1336-36-3	0.522		1.00		GC21F-1555-10

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Tetrachloro-meta-xylene	877-09-8	97.9	60.0-140		GC21F-1555-10
Decachlorobiphenyl	2051-24-3	100	60.0-140		GC21F-1555-10
Tetrachloro-meta-xylene	877-09-8	93.8	60.0-140		GC21B-1492-10
Decachlorobiphenyl	2051-24-3	97.9	60.0-140		GC21B-1492-10

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.
AE-Aroclor 1248 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
AF-Aroclor 1254 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.

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Analytical Sample Results

NEA Job Number: 11080061

NEA Laboratory, Division of Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: TRC ENVIRONMENTAL
Project: 115058 NBHS PCB SAMPLING
Client Sample ID: PAINT-213-1
Lab Sample ID: 11080061-02 (AO14651)

Collection Date: 08/04/2011 15:30
Sample Matrix: SOLID
Received Date: 08/05/2011 09:48
Percent Solid: 100 - Results are based on dry weight unless otherwise noted.

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC21B-1492-11	SW-846 8082 (PCB)	08/08/2011 03:00	TEH	NA	NA	Phenomenex, Zebron ZB-5, 30 m, 0.25 mm ID, 0.25 µm
Analysis 2:	GC21F-1555-11	SW-846 8082 (PCB)	08/08/2011 03:00	TEH	NA	NA	Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm
Prep 1:	14991	EPA 3540C	08/05/2011 12:56	KLR	4.00 g	25.0 mL	NA

3

Analyte	CAS No.	Result (ug/g)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.125	1.00	U	GC21F-1555-11
Aroclor 1221	11104-28-2	ND	0.125	1.00	U	GC21F-1555-11
Aroclor 1232	11141-16-5	ND	0.125	1.00	U	GC21F-1555-11
Aroclor 1242	53469-21-9	ND	0.125	1.00	U	GC21F-1555-11
Aroclor 1248	12672-29-6	0.548	0.125	1.00	AE	GC21F-1555-11
Aroclor 1254	11097-69-1	0.239	0.125	1.00	AF	GC21B-1492-11
Aroclor 1260	11096-82-5	ND	0.125	1.00	U	GC21F-1555-11
Total PCB Amount > RL	1336-36-3	0.787		1.00		GC21F-1555-11

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Tetrachloro-meta-xylene	877-09-8	97.2	60.0-140		GC21F-1555-11
Decachlorobiphenyl	2051-24-3	100	60.0-140		GC21F-1555-11
Tetrachloro-meta-xylene	877-09-8	96.0	60.0-140		GC21B-1492-11
Decachlorobiphenyl	2051-24-3	97.9	60.0-140		GC21B-1492-11

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.
AE-Aroclor 1248 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
AF-Aroclor 1254 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.

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Analytical Sample Results

NEA Job Number: 11080061

NEA Laboratory, Division of Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: TRC ENVIRONMENTAL
Project: 115058 NBHS PCB SAMPLING
Client Sample ID: PAINT-213-2
Lab Sample ID: 11080061-03 (AO14652)

Collection Date: 08/04/2011 15:40
Sample Matrix: SOLID
Received Date: 08/05/2011 09:48
Percent Solid: 100 - Results are based on dry weight unless otherwise noted.

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC21F-1555-12	SW-846 8082 (PCB)	08/08/2011 03:32	TEH	NA	NA	Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm
Prep 1:	14991	EPA 3540C	08/05/2011 12:57	KLR	2.93 g	25.0 mL	NA

3

Analyte	CAS No.	Result (ug/g)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.171	1.00	U	GC21F-1555-12
Aroclor 1221	11104-28-2	ND	0.171	1.00	U	GC21F-1555-12
Aroclor 1232	11141-16-5	ND	0.171	1.00	U	GC21F-1555-12
Aroclor 1242	53469-21-9	ND	0.171	1.00	U	GC21F-1555-12
Aroclor 1248	12672-29-6	0.368	0.171	1.00	AE	GC21F-1555-12
Aroclor 1254	11097-69-1	ND	0.171	1.00	U	GC21F-1555-12
Aroclor 1260	11096-82-5	ND	0.171	1.00	U	GC21F-1555-12
Total PCB Amount > RL	1336-36-3	0.368		1.00		GC21F-1555-12

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Tetrachloro-meta-xylene	877-09-8	102	60.0-140		GC21F-1555-12
Decachlorobiphenyl	2051-24-3	107	60.0-140		GC21F-1555-12
Tetrachloro-meta-xylene	877-09-8	96.2	60.0-140		GC21B-1492-12
Decachlorobiphenyl	2051-24-3	98.8	60.0-140		GC21B-1492-12

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.
AE-Aroclor 1248 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.

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Analytical Sample Results

NEA Job Number: 11080061

NEA Laboratory, Division of Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: TRC ENVIRONMENTAL
Project: 115058 NBHS PCB SAMPLING
Client Sample ID: PRIME-213
Lab Sample ID: 11080061-04 (AO14653)

Collection Date: 08/04/2011 15:50
Sample Matrix: SOLID
Received Date: 08/05/2011 09:48
Percent Solid: 100 - Results are based on dry weight unless otherwise noted.

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC21F-1555-13	SW-846 8082 (PCB)	08/08/2011 04:05	TEH	NA	NA	Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm
Analysis 2:	GC21B-1492-13	SW-846 8082 (PCB)	08/08/2011 04:05	TEH	NA	NA	Phenomenex, Zebron ZB-5, 30 m, 0.25 mm ID, 0.25 µm
Prep 1:	14991	EPA 3540C	08/05/2011 12:58	KLR	3.71 g	25.0 mL	NA

3

Analyte	CAS No.	Result (ug/g)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.135	1.00	U	GC21B-1492-13
Aroclor 1221	11104-28-2	ND	0.135	1.00	U	GC21B-1492-13
Aroclor 1232	11141-16-5	ND	0.135	1.00	U	GC21B-1492-13
Aroclor 1242	53469-21-9	ND	0.135	1.00	U	GC21B-1492-13
Aroclor 1248	12672-29-6	0.908	0.135	1.00	AE	GC21F-1555-13
Aroclor 1254	11097-69-1	0.938	0.135	1.00	AF	GC21B-1492-13
Aroclor 1260	11096-82-5	0.351	0.135	1.00	AG	GC21F-1555-13
Total PCB Amount > RL	1336-36-3	2.197		1.00		GC21B-1492-13

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Tetrachloro-meta-xylene	877-09-8	99.1	60.0-140		GC21F-1555-13
Decachlorobiphenyl	2051-24-3	105	60.0-140		GC21F-1555-13
Tetrachloro-meta-xylene	877-09-8	95.2	60.0-140		GC21B-1492-13
Decachlorobiphenyl	2051-24-3	99.1	60.0-140		GC21B-1492-13

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.
AE-Aroclor 1248 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
AF-Aroclor 1254 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
AG-Aroclor 1260 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.

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Analytical Sample Results

NEA Job Number: 11080061

NEA Laboratory, Division of Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: TRC ENVIRONMENTAL
Project: 115058 NBHS PCB SAMPLING
Client Sample ID: PAINT-213-3
Lab Sample ID: 11080061-05 (AO14654)

Collection Date: 08/04/2011 16:00
Sample Matrix: SOLID
Received Date: 08/05/2011 09:48
Percent Solid: 100 - Results are based on dry weight unless otherwise noted.

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC21F-1555-14	SW-846 8082 (PCB)	08/08/2011 04:38	TEH	NA	NA	Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm
Prep 1:	14991	EPA 3540C	08/05/2011 12:59	KLR	3.38 g	25.0 mL	NA

3

Analyte	CAS No.	Result (ug/g)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.148	1.00	U	GC21F-1555-14
Aroclor 1221	11104-28-2	ND	0.148	1.00	U	GC21F-1555-14
Aroclor 1232	11141-16-5	ND	0.148	1.00	U	GC21F-1555-14
Aroclor 1242	53469-21-9	ND	0.148	1.00	U	GC21F-1555-14
Aroclor 1248	12672-29-6	0.330	0.148	1.00	AE	GC21F-1555-14
Aroclor 1254	11097-69-1	ND	0.148	1.00	U	GC21F-1555-14
Aroclor 1260	11096-82-5	ND	0.148	1.00	U	GC21F-1555-14
Total PCB Amount > RL	1336-36-3	0.330		1.00		GC21F-1555-14

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Tetrachloro-meta-xylene	877-09-8	97.1	60.0-140		GC21F-1555-14
Decachlorobiphenyl	2051-24-3	90.4	60.0-140		GC21F-1555-14
Tetrachloro-meta-xylene	877-09-8	99.0	60.0-140		GC21B-1492-14
Decachlorobiphenyl	2051-24-3	105	60.0-140		GC21B-1492-14

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.
AE-Aroclor 1248 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.

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Analytical Sample Results

NEA Job Number: 11080061

NEA Laboratory, Division of Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: TRC ENVIRONMENTAL
Project: 115058 NBHS PCB SAMPLING
Client Sample ID: PAINT-211-1
Lab Sample ID: 11080061-06 (AO14655)

Collection Date: 08/04/2011 16:10
Sample Matrix: SOLID
Received Date: 08/05/2011 09:48
Percent Solid: 100 - Results are based on dry weight unless otherwise noted.

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC21F-1555-15	SW-846 8082 (PCB)	08/08/2011 05:11	TEH	NA	NA	Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm
Prep 1:	14991	EPA 3540C	08/05/2011 13:00	KLR	3.98 g	25.0 mL	NA

3

Analyte	CAS No.	Result (ug/g)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.126	1.00	U	GC21F-1555-15
Aroclor 1221	11104-28-2	ND	0.126	1.00	U	GC21F-1555-15
Aroclor 1232	11141-16-5	ND	0.126	1.00	U	GC21F-1555-15
Aroclor 1242	53469-21-9	ND	0.126	1.00	U	GC21F-1555-15
Aroclor 1248	12672-29-6	1.71	0.126	1.00	AE	GC21F-1555-15
Aroclor 1254	11097-69-1	ND	0.126	1.00	U	GC21F-1555-15
Aroclor 1260	11096-82-5	ND	0.126	1.00	U	GC21F-1555-15
Total PCB Amount > RL	1336-36-3	1.71		1.00		GC21F-1555-15

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Tetrachloro-meta-xylene	877-09-8	93.7	60.0-140		GC21F-1555-15
Decachlorobiphenyl	2051-24-3	86.5	60.0-140		GC21F-1555-15
Tetrachloro-meta-xylene	877-09-8	92.7	60.0-140		GC21B-1492-15
Decachlorobiphenyl	2051-24-3	58.4	60.0-140	*	GC21B-1492-15

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.
AE-Aroclor 1248 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.

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Analytical Sample Results

NEA Job Number: 11080061

NEA Laboratory, Division of Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: TRC ENVIRONMENTAL
Project: 115058 NBHS PCB SAMPLING
Client Sample ID: PAINT-211-2
Lab Sample ID: 11080061-07 (AO14656)

Collection Date: 08/04/2011 16:20
Sample Matrix: SOLID
Received Date: 08/05/2011 09:48
Percent Solid: 100 - Results are based on dry weight unless otherwise noted.

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC21B-1492-16	SW-846 8082 (PCB)	08/08/2011 05:44	TEH	NA	NA	Phenomenex, Zebron ZB-5, 30 m, 0.25 mm ID, 0.25 µm
Prep 1:	14991	EPA 3540C	08/05/2011 13:01	KLR	3.38 g	25.0 mL	NA

3

Analyte	CAS No.	Result (ug/g)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.148	1.00	U	GC21B-1492-16
Aroclor 1221	11104-28-2	ND	0.148	1.00	U	GC21B-1492-16
Aroclor 1232	11141-16-5	ND	0.148	1.00	U	GC21B-1492-16
Aroclor 1242	53469-21-9	ND	0.148	1.00	U	GC21B-1492-16
Aroclor 1248	12672-29-6	1.26	0.148	1.00	AE	GC21B-1492-16
Aroclor 1254	11097-69-1	ND	0.148	1.00	U	GC21B-1492-16
Aroclor 1260	11096-82-5	ND	0.148	1.00	U	GC21B-1492-16
Total PCB Amount > RL	1336-36-3	1.26		1.00		GC21B-1492-16

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Tetrachloro-meta-xylene	877-09-8	92.0	60.0-140		GC21F-1555-16
Decachlorobiphenyl	2051-24-3	96.2	60.0-140		GC21F-1555-16
Tetrachloro-meta-xylene	877-09-8	93.3	60.0-140		GC21B-1492-16
Decachlorobiphenyl	2051-24-3	98.4	60.0-140		GC21B-1492-16

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.
AE-Aroclor 1248 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.

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Analytical Sample Results

NEA Job Number: 11080061

NEA Laboratory, Division of Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: TRC ENVIRONMENTAL
Project: 115058 NBHS PCB SAMPLING
Client Sample ID: PRIME-211
Lab Sample ID: 11080061-08 (AO14657)

Collection Date: 08/04/2011 16:35
Sample Matrix: SOLID
Received Date: 08/05/2011 09:48
Percent Solid: 100 - Results are based on dry weight unless otherwise noted.

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC21F-1555-18	SW-846 8082 (PCB)	08/08/2011 06:49	TEH	NA	NA	Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm
Analysis 2:	GC21B-1492-18	SW-846 8082 (PCB)	08/08/2011 06:49	TEH	NA	NA	Phenomenex, Zebron ZB-5, 30 m, 0.25 mm ID, 0.25 µm
Prep 1:	14991	EPA 3540C	08/05/2011 13:03	KLR	3.18 g	25.0 mL	NA

3

Analyte	CAS No.	Result (ug/g)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.315	2.00	U	GC21B-1492-18
Aroclor 1221	11104-28-2	ND	0.315	2.00	U	GC21B-1492-18
Aroclor 1232	11141-16-5	ND	0.315	2.00	U	GC21B-1492-18
Aroclor 1242	53469-21-9	ND	0.315	2.00	U	GC21B-1492-18
Aroclor 1248	12672-29-6	5.11	0.315	2.00	AE	GC21B-1492-18
Aroclor 1254	11097-69-1	ND	0.315	2.00	U	GC21B-1492-18
Aroclor 1260	11096-82-5	2.52	0.315	2.00	AG	GC21F-1555-18
Total PCB Amount > RL	1336-36-3	7.63		2.00		GC21B-1492-18

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Tetrachloro-meta-xylene	877-09-8	93.0	60.0-140		GC21F-1555-18
Decachlorobiphenyl	2051-24-3	105	60.0-140		GC21F-1555-18
Tetrachloro-meta-xylene	877-09-8	93.5	60.0-140		GC21B-1492-18
Decachlorobiphenyl	2051-24-3	100	60.0-140		GC21B-1492-18

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.
AE-Aroclor 1248 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
AG-Aroclor 1260 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.

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Analytical Sample Results

NEA Job Number: 11080061

NEA Laboratory, Division of Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: TRC ENVIRONMENTAL
Project: 115058 NBHS PCB SAMPLING
Client Sample ID: PAINT-211-3
Lab Sample ID: 11080061-09 (AO14658)

Collection Date: 08/04/2011 16:45
Sample Matrix: SOLID
Received Date: 08/05/2011 09:48
Percent Solid: 100 - Results are based on dry weight unless otherwise noted.

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC21F-1555-19	SW-846 8082 (PCB)	08/08/2011 07:22	TEH	NA	NA	Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm
Prep 1:	14991	EPA 3540C	08/05/2011 13:05	KLR	3.62 g	25.0 mL	NA

3

Analyte	CAS No.	Result (ug/g)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.138	1.00	U	GC21F-1555-19
Aroclor 1221	11104-28-2	ND	0.138	1.00	U	GC21F-1555-19
Aroclor 1232	11141-16-5	ND	0.138	1.00	U	GC21F-1555-19
Aroclor 1242	53469-21-9	ND	0.138	1.00	U	GC21F-1555-19
Aroclor 1248	12672-29-6	1.48	0.138	1.00	AE	GC21F-1555-19
Aroclor 1254	11097-69-1	0.536	0.138	1.00	AF	GC21F-1555-19
Aroclor 1260	11096-82-5	ND	0.138	1.00	U	GC21F-1555-19
Total PCB Amount > RL	1336-36-3	2.016		1.00		GC21F-1555-19

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Tetrachloro-meta-xylene	877-09-8	95.8	60.0-140		GC21F-1555-19
Decachlorobiphenyl	2051-24-3	101	60.0-140		GC21F-1555-19
Tetrachloro-meta-xylene	877-09-8	94.6	60.0-140		GC21B-1492-19
Decachlorobiphenyl	2051-24-3	97.9	60.0-140		GC21B-1492-19

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.
AE-Aroclor 1248 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
AF-Aroclor 1254 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.

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Analytical Sample Results

NEA Job Number: 11080061

NEA Laboratory, Division of Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: TRC ENVIRONMENTAL
Project: 115058 NBHS PCB SAMPLING
Client Sample ID: PAINT-230-1
Lab Sample ID: 11080061-10 (AO14659)

Collection Date: 08/04/2011 17:00
Sample Matrix: SOLID
Received Date: 08/05/2011 09:48
Percent Solid: 100 - Results are based on dry weight unless otherwise noted.

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC21F-1555-20	SW-846 8082 (PCB)	08/08/2011 07:55	TEH	NA	NA	Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm
Prep 1:	14991	EPA 3540C	08/05/2011 13:06	KLR	3.13 g	25.0 mL	NA

3

Analyte	CAS No.	Result (ug/g)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.319	2.00	U	GC21F-1555-20
Aroclor 1221	11104-28-2	ND	0.319	2.00	U	GC21F-1555-20
Aroclor 1232	11141-16-5	ND	0.319	2.00	U	GC21F-1555-20
Aroclor 1242	53469-21-9	ND	0.319	2.00	U	GC21F-1555-20
Aroclor 1248	12672-29-6	5.70	0.319	2.00	AE	GC21F-1555-20
Aroclor 1254	11097-69-1	ND	0.319	2.00	U	GC21F-1555-20
Aroclor 1260	11096-82-5	ND	0.319	2.00	U	GC21F-1555-20
Total PCB Amount > RL	1336-36-3	5.70		2.00		GC21F-1555-20

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Tetrachloro-meta-xylene	877-09-8	86.7	60.0-140		GC21F-1555-20
Decachlorobiphenyl	2051-24-3	96.0	60.0-140		GC21F-1555-20
Tetrachloro-meta-xylene	877-09-8	85.7	60.0-140		GC21B-1492-20
Decachlorobiphenyl	2051-24-3	91.1	60.0-140		GC21B-1492-20

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.
AE-Aroclor 1248 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.

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Analytical Sample Results

NEA Job Number: 11080061

NEA Laboratory, Division of Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: TRC ENVIRONMENTAL
Project: 115058 NBHS PCB SAMPLING
Client Sample ID: PAINT-230-2
Lab Sample ID: 11080061-11 (AO14660)

Collection Date: 08/04/2011 17:10
Sample Matrix: SOLID
Received Date: 08/05/2011 09:48
Percent Solid: 100 - Results are based on dry weight unless otherwise noted.

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC21F-1555-21	SW-846 8082 (PCB)	08/08/2011 08:28	TEH	NA	NA	Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm
Prep 1:	14991	EPA 3540C	08/05/2011 13:08	KLR	3.79 g	25.0 mL	NA

3

Analyte	CAS No.	Result (ug/g)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.527	4.00	U	GC21F-1555-21
Aroclor 1221	11104-28-2	ND	0.527	4.00	U	GC21F-1555-21
Aroclor 1232	11141-16-5	ND	0.527	4.00	U	GC21F-1555-21
Aroclor 1242	53469-21-9	ND	0.527	4.00	U	GC21F-1555-21
Aroclor 1248	12672-29-6	7.19	0.527	4.00	AE	GC21F-1555-21
Aroclor 1254	11097-69-1	ND	0.527	4.00	U	GC21F-1555-21
Aroclor 1260	11096-82-5	ND	0.527	4.00	U	GC21F-1555-21
Total PCB Amount > RL	1336-36-3	7.19		4.00		GC21F-1555-21

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Tetrachloro-meta-xylene	877-09-8	95.2	60.0-140		GC21F-1555-21
Decachlorobiphenyl	2051-24-3	75.7	60.0-140		GC21F-1555-21
Tetrachloro-meta-xylene	877-09-8	85.0	60.0-140		GC21B-1492-21
Decachlorobiphenyl	2051-24-3	88.5	60.0-140		GC21B-1492-21

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.
AE-Aroclor 1248 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.

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Analytical Sample Results

NEA Job Number: 11080061

NEA Laboratory, Division of Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: TRC ENVIRONMENTAL
Project: 115058 NBHS PCB SAMPLING
Client Sample ID: PAINT-230-3
Lab Sample ID: 11080061-12 (AO14661)

Collection Date: 08/04/2011 17:15
Sample Matrix: SOLID
Received Date: 08/05/2011 09:48
Percent Solid: 100 - Results are based on dry weight unless otherwise noted.

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC21F-1555-22	SW-846 8082 (PCB)	08/08/2011 09:01	TEH	NA	NA	Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm
Prep 1:	14991	EPA 3540C	08/05/2011 13:09	KLR	4.48 g	25.0 mL	NA

3

Analyte	CAS No.	Result (ug/g)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.335	3.00	U	GC21F-1555-22
Aroclor 1221	11104-28-2	ND	0.335	3.00	U	GC21F-1555-22
Aroclor 1232	11141-16-5	ND	0.335	3.00	U	GC21F-1555-22
Aroclor 1242	53469-21-9	ND	0.335	3.00	U	GC21F-1555-22
Aroclor 1248	12672-29-6	5.97	0.335	3.00	AE	GC21F-1555-22
Aroclor 1254	11097-69-1	ND	0.335	3.00	U	GC21F-1555-22
Aroclor 1260	11096-82-5	ND	0.335	3.00	U	GC21F-1555-22
Total PCB Amount > RL	1336-36-3	5.97		3.00		GC21F-1555-22

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Tetrachloro-meta-xylene	877-09-8	100	60.0-140		GC21F-1555-22
Decachlorobiphenyl	2051-24-3	61.5	60.0-140		GC21F-1555-22
Tetrachloro-meta-xylene	877-09-8	82.3	60.0-140		GC21B-1492-22
Decachlorobiphenyl	2051-24-3	92.7	60.0-140		GC21B-1492-22

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.
AE-Aroclor 1248 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.

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Analytical Sample Results

NEA Job Number: 11080061

NEA Laboratory, Division of Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: TRC ENVIRONMENTAL
Project: 115058 NBHS PCB SAMPLING
Client Sample ID: PRIME-230
Lab Sample ID: 11080061-13 (AO14662)

Collection Date: 08/04/2011 17:25
Sample Matrix: SOLID
Received Date: 08/05/2011 09:48
Percent Solid: 100 - Results are based on dry weight unless otherwise noted.

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC21B-1492-23	SW-846 8082 (PCB)	08/08/2011 09:34	TEH	NA	NA	Phenomenex, Zebron ZB-5, 30 m, 0.25 mm ID, 0.25 µm
Prep 1:	14991	EPA 3540C	08/05/2011 13:11	KLR	4.01 g	25.0 mL	NA

3

Analyte	CAS No.	Result (ug/g)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.249	2.00	U	GC21B-1492-23
Aroclor 1221	11104-28-2	ND	0.249	2.00	U	GC21B-1492-23
Aroclor 1232	11141-16-5	ND	0.249	2.00	U	GC21B-1492-23
Aroclor 1242	53469-21-9	ND	0.249	2.00	U	GC21B-1492-23
Aroclor 1248	12672-29-6	3.44	0.249	2.00	AE	GC21B-1492-23
Aroclor 1254	11097-69-1	ND	0.249	2.00	U	GC21B-1492-23
Aroclor 1260	11096-82-5	ND	0.249	2.00	U	GC21B-1492-23
Total PCB Amount > RL	1336-36-3	3.44		2.00		GC21B-1492-23

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Tetrachloro-meta-xylene	877-09-8	87.6	60.0-140		GC21F-1555-23
Decachlorobiphenyl	2051-24-3	93.4	60.0-140		GC21F-1555-23
Tetrachloro-meta-xylene	877-09-8	84.2	60.0-140		GC21B-1492-23
Decachlorobiphenyl	2051-24-3	92.1	60.0-140		GC21B-1492-23

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.
AE-Aroclor 1248 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.

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GC - PCB QC

4

Quality Control Results
Method Blank
NEA Job Number: 11080061

NEA Laboratory, Division of Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: TRC ENVIRONMENTAL
Project: 115058 NBHS PCB SAMPLING
Client Sample ID: Method Blank (AO14650B)
Lab Sample ID: PBLK-95

Collection Date: N/A
Sample Matrix: SOLID
Received Date: N/A
Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC21B-1492-8	SW-846 8082 (PCB)	08/08/2011 01:21	TEH	NA	NA	Phenomenex, Zebron ZB-5, 30 m, 0.25 mm ID, 0.25 µm
Prep 1:	14991	EPA 3540C	08/05/2011 12:22	KLR	10.1 g	25.0 mL	NA

Analyte	CAS No.	Result (ug/g)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.0500	1.00	U	GC21B-1492-8
Aroclor 1221	11104-28-2	ND	0.0500	1.00	U	GC21B-1492-8
Aroclor 1232	11141-16-5	ND	0.0500	1.00	U	GC21B-1492-8
Aroclor 1242	53469-21-9	ND	0.0500	1.00	U	GC21B-1492-8
Aroclor 1248	12672-29-6	ND	0.0500	1.00	U	GC21B-1492-8
Aroclor 1254	11097-69-1	ND	0.0500	1.00	U	GC21B-1492-8
Aroclor 1260	11096-82-5	ND	0.0500	1.00	U	GC21B-1492-8
Total PCB Amount > RL	1336-36-3	ND		1.00	U	GC21B-1492-8

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Tetrachloro-meta-xylene	877-09-8	93.7	60.0-140		GC21B-1492-8
Decachlorobiphenyl	2051-24-3	104	60.0-140		GC21B-1492-8

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

4

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Quality Control Results
Method Blank

NEA Job Number: 11080061

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Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: TRC ENVIRONMENTAL
Project: 115058 NBHS PCB SAMPLING
Client Sample ID: Method Blank (AO14650B)
Lab Sample ID: PBLK-95

Collection Date: N/A
Sample Matrix: SOLID
Received Date: N/A
Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC21F-1555-8	SW-846 8082 (PCB)	08/08/2011 01:21	TEH	NA	NA	Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm
Prep 1:	14991	EPA 3540C	08/05/2011 12:22	KLR	10.1 g	25.0 mL	NA

Analyte	CAS No.	Result (ug/g)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.0500	1.00	U	GC21F-1555-8
Aroclor 1221	11104-28-2	ND	0.0500	1.00	U	GC21F-1555-8
Aroclor 1232	11141-16-5	ND	0.0500	1.00	U	GC21F-1555-8
Aroclor 1242	53469-21-9	ND	0.0500	1.00	U	GC21F-1555-8
Aroclor 1248	12672-29-6	ND	0.0500	1.00	U	GC21F-1555-8
Aroclor 1254	11097-69-1	ND	0.0500	1.00	U	GC21F-1555-8
Aroclor 1260	11096-82-5	ND	0.0500	1.00	U	GC21F-1555-8
Total PCB Amount > RL	1336-36-3	ND		1.00	U	GC21F-1555-8

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Tetrachloro-meta-xylene	877-09-8	95.8	60.0-140		GC21F-1555-8
Decachlorobiphenyl	2051-24-3	107	60.0-140		GC21F-1555-8

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

4

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Quality Control Results
Lab Control Sample
NEA Job Number: 11080061

NEA Laboratory, Division of Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: TRC ENVIRONMENTAL
Project: 115058 NBHS PCB SAMPLING
Client Sample ID: Lab Control Sample (AO14650L)
Lab Sample ID: LCS-95

Collection Date: N/A
Sample Matrix: SOLID
Received Date: N/A
Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC21B-1492-9	SW-846 8082 (PCB)	08/08/2011 01:54	TEH	NA	NA	Phenomenex, Zebron ZB-5, 30 m, 0.25 mm ID, 0.25 µm
Prep 1:	14991	EPA 3540C	08/05/2011 12:22	KLR	10.2 g	25.0 mL	NA

4

Analyte Spiked	CAS No.	Added (ug/g)	LCS (ug/g)	LCS % Rec.	Q[1]	Limits (%)
Aroclor 1242	53469-21-9	1.22	1.24	102		70.0-130

[1]Qualifier column where '*' denotes value outside the control limits.

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Tetrachloro-meta-xylene	877-09-8	96.9	60.0-140		GC21B-1492-9
Decachlorobiphenyl	2051-24-3	102	60.0-140		GC21B-1492-9

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

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Quality Control Results
Lab Control Sample
NEA Job Number: 11080061

NEA Laboratory, Division of Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: TRC ENVIRONMENTAL
Project: 115058 NBHS PCB SAMPLING
Client Sample ID: Lab Control Sample (AO14650L)
Lab Sample ID: LCS-95

Collection Date: N/A
Sample Matrix: SOLID
Received Date: N/A
Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC21F-1555-9	SW-846 8082 (PCB)	08/08/2011 01:54	TEH	NA	NA	Phenomenex, Zebron ZB-1, 30 m, 0.25 mm ID, 0.25 µm
Prep 1:	14991	EPA 3540C	08/05/2011 12:22	KLR	10.2 g	25.0 mL	NA

Analyte Spiked	CAS No.	Added (ug/g)	LCS (ug/g)	LCS % Rec.	Q[1]	Limits (%)
Aroclor 1242	53469-21-9	1.22	1.18	96.7		70.0-130

[1]Qualifier column where '*' denotes value outside the control limits.

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Tetrachloro-meta-xylene	877-09-8	97.3	60.0-140		GC21F-1555-9
Decachlorobiphenyl	2051-24-3	106	60.0-140		GC21F-1555-9

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

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APPENDIX F

MANIFESTS AND CERTIFICATES OF DISPOSAL

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number MP 5 0 8 9 9 7 4 5 1 1	2. Page 1 of 1	3. Emergency Response Phone 800 966 9282	4. Waste Tracking Number [illegible]

GENERATOR

5. Generator's Name and Mailing Address
City Of New Bedford
133 Williams Street Room 304
New Bedford, MA 02740
Generator's Phone: 508-961-4576 Cheryl Heulin

Generator's Site Address (if different than mailing address)
City of New Bedford - 230 Hathaway
230 Hathaway Boulevard
New Bedford, MA 02740

6. Transporter 1 Company Name
Triumvirate Environmental, Inc.
U.S. EPA ID Number: MAD 9 8 5 2 8 6 9 8 8

7. Transporter 2 Company Name
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Waste Management of New Hampshire, Inc
18 Turnkey Way
Rochester, NH 03839
Facility's Phone: 800-963-4776
U.S. EPA ID Number: N H D 9 8 0 9 1 4 6 3 4

HM	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. Non-regulated material	200 100	BA	004 002	T	
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information
a- (| x) 486238NH b- c- d-

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: X
Signature: X
Month 08 Day 01 Year 11

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Sean LaMarre
Signature: Sean LaMarre
Month 08 Day 01 Year 11

Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED FACILITY

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name
Signature
Month Day Year

GENERATOR'S/SHIPPER'S INITIAL COPY

XXXXX

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: MP 5 0 8 9 9 7 4 5 1 1
2. Page 1 of: 1
3. Emergency Response Phone: 800 966 9282
4. Manifest Tracking Number: 004997388 FLE

GENERATOR

5. Generator's Name and Mailing Address
City Of New Bedford
133 Williams Street Room 304
New Bedford, MA 02740
Generator's Phone: 508-961-4576 Cheryl Henlin

Generator's Site Address (if different than mailing address)
City of New Bedford - 230 Hathaway
230 Hathaway Boulevard
New Bedford, MA 02740

6. Transporter 1 Company Name: Goulet Trucking Inc.
U.S. EPA ID Number: MAC300006038

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
EQ-Wayne Disposal, Inc.
49350 North I-94 Service Drive
Belleville, MI 48111
Facility's Phone: (800) 592-5489
U.S. EPA ID Number: MID048090633

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	NA3077, Hazardous waste, solid, n.o.s. 9, III (RQ: Polychlorinated Biphenyls)	001	CM	Est. 10,000	K	MA02	PCB1	
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1 - (1 x Roll-off) G110036WDI : Out of Service Date 7/19/2011 Unique ID:719201173634-2 2- 3- 4-

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: Cheryl Henlin
Signature: Cheryl Henlin
Month 7 Day 19 Year 11

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: Jeffrey M. Stowell
Signature:
Month 07 Day 19 Year 11
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☒ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Actual weight 5,430 kg ok per Mike Farnell Manifest Reference Number: Terminate 7/22/11 JW
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. PCB 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: Josh Heath
Signature:
Month 7 Day 20 Year 11

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

XXXXX

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UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: MP 5 0 8 9 9 7 4 3 1 1
2. Page 1 of: 1
3. Emergency Response Phone: 800 966 9282
4. Manifest Tracking Number: 004997389 FLE

5. Generator's Name and Mailing Address
City Of New Bedford
133 Williams Street Room 304
New Bedford, MA 02740
Generator's Phone: 508-961-4576 Cheryl Henlin

Generator's Site Address (if different than mailing address)
City of New Bedford - 230 Hathaway
230 Hathaway Boulevard
New Bedford, MA 02740

6. Transporter 1 Company Name: Goulet Trucking Inc.
U.S. EPA ID Number: MAC300900603 8

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
EQ-Wayne Disposal, Inc.
49350 North I-94 Service Drive
Belleville, MI 48111
Facility's Phone: (800) 592-5489
U.S. EPA ID Number: MI D048090633

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	NA3077, Hazardous waste, solid, n.o.s. 9, III (RQ: Polychlorinated Biphenyls)	001	CM	EST 10,000	K	MA02	PCB1	
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1 - (1 x Roll-off) G110036WDI : Out of Service Date 7/19/2011 Unique ID:719201173634-1 2- 3- 4-

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: Cheryl Henlin
Signature: Cheryl Henlin
Month 7 Day 19 Year 11

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: Jeffrey M. Stowell
Signature:
Month 07 Day 19 Year 11
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☒ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Actual weight 3,436 kg OK per Mike Farrell @ Triumvirate 7/22/11 JV
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. H010 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: Josh Heath
Signature:
Month 7 Day 20 Year 11

GENERATOR | INT'L | TRANSPORTER | DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete. DESIGNATED FACILITY TO GENERATOR

XXXXX

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: MP 5 0 8 9 9 7 4 5 1 1
2. Page 1 of 1
3. Emergency Response Phone: 800 966 9282
4. Manifest Tracking Number: 004997398 FLE

5. Generator's Name and Mailing Address
City Of New Bedford
133 Williams Street Room 304
New Bedford, MA 02740
Generator's Phone: 508-961-4576 Cheryl Henlin

Generator's Site Address (if different than mailing address)
City of New Bedford - 230 Hathaway
230 Hathaway Boulevard
New Bedford, MA 02740

6. Transporter 1 Company Name: Triumvirate Environmental, Inc.
U.S. EPA ID Number: M A D 9 8 5 2 8 6 9 8 8

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
EQ-Wayne Disposal, Inc.
49350 North I-94 Service Drive
Belleville, MI 48111
Facility's Phone: (800) 592-5489
U.S. EPA ID Number: M I D 0 4 8 0 9 0 6 3 3

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	NA3077, Hazardous waste, solid, n.o.s. 9, III (RQ: Polychlorinated Biphenyls)	0 0 1	CM	4500	K	MA02	PCB1	
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1 - (1 x Roll-off) G110036WDI : Out of Service Date 8/1/2011 Unique ID:81201173634-1 2- 3- 4-
CON # 651-74

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: Cheryl Henlin
Signature: Cheryl Henlin
Month 08 Day 03 Year 11

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 Roy
Signature:
Month 8 Day 3 Year 11
Transporter 2 Printed/Typed Name
Signature
Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☒ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Actual weight 3,604 kgs per MIKE Farrell @ Triumvirate 8/11 JV
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. D99 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: Jamie Cowan
Signature:
Month 8 Day 05 Year 11

GENERATOR | INT'L | TRANSPORTER | DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

XXXXX

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Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: MP 5 0 8 9 9 7 4 5 1 1
2. Page 1 of: 1
3. Emergency Response Phone: 800 966 9282
4. Manifest Tracking Number: 004997399 FLE

GENERATOR

5. Generator's Name and Mailing Address
City Of New Bedford
133 Williams Street Room 304
New Bedford, MA 02740
Generator's Phone: 508-961-4576 Cheryl Henlin

Generator's Site Address (if different than mailing address)
City of New Bedford - 230 Hathaway
230 Hathaway Boulevard
New Bedford, MA 02740

6. Transporter 1 Company Name: Triumvirate Environmental, Inc.
U.S. EPA ID Number: M A D 9 8 5 2 8 6 9 8 8

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
EQ-Wayne Disposal, Inc.
49350 North I-94 Service Drive
Belleville, MI 48111
Facility's Phone: (800) 592-5489
U.S. EPA ID Number: M I D 0 4 8 0 9 0 6 3 3

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	NA3077, Hazardous waste, solid, n.o.s. 9, III (RQ: Polychlorinated Biphenyls)	0 0 1	CM	Est 3500	K	MA02	PCB1	
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1 - (1 x Roll-off) G110036WDI : Out of Service Date 8/15/2011 Unique ID:8 201173634-1 2- 3 - 4 -

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: Cheryl Henlin
Signature: Cheryl Henlin
Month 08 Day 15 Year 11

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: Hans Rouillard
Signature: Hans Rouillard
Month 8 Day 15 Year 11
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

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. PCD 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: Philip Nowlan
Signature:
Month Day Year 8/15/11

00-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

XXXXX

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Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: MP 5 0 8 9 9 7 4 5 1 1

2. Page 1 of 1

3. Emergency Response Phone: 800 966 9282

4. Manifest Tracking Number: 004997400 FLE

5. Generator's Name and Mailing Address
City Of New Bedford
133 Williams Street Room 304
New Bedford, MA 02740
Generator's Phone: 508-961-4576 Cheryl Henlin

Generator's Site Address (if different than mailing address)
City of New Bedford - 230 Hathaway
230 Hathaway Boulevard
New Bedford, MA 02740

6. Transporter 1 Company Name: Triumvirate Environmental, Inc.
U.S. EPA ID Number: M A D 9 8 5 2 8 6 9 8 8

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
EQ-Wayne Disposal, Inc.
49350 North I-94 Service Drive
Belleville, MI 48111
Facility's Phone: (800) 592-5489
U.S. EPA ID Number: M I D 0 4 8 0 9 0 6 3 3

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	1NA3077, Hazardous waste, solid, n.o.s. 9, III (RQ: Polychlorinated Biphenyls)	0 0 1	C M	4500	K	MA02	PCB1	
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1 - (1 x Roll-off) G110036WDI : Out of Service Date 8/1/2011 Unique ID:81201173634-2 2- 3- 4-
EST 88

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: Cheryl Henlin
Signature: Cheryl Henlin
Month 08 Day 03 Year 11

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 Roy
Signature:
Month 8 Day 3 Year 11
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☒ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Actual weight 3,604 kg OK per MJC Manifest Reference Number: Triumvirate 8/8/11 JV
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. PCD 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: Tonya Quigley
Signature:
Month 08 Day 05 Year 11

GENERATOR | INT'L | TRANSPORTER | DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

XXXXX

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: MP 5 0 8 9 9 7 4 5 1 1
2. Page 1 of 1
3. Emergency Response Phone: 800 966 9282
4. Manifest Tracking Number: 005001952 FLE

5. Generator's Name and Mailing Address
City Of New Bedford
133 Williams Street Room 304
New Bedford, MA 02740
Generator's Phone: 508-961-4576 Cheryl Henlin

Generator's Site Address (if different than mailing address)
City of New Bedford - 230 Hathaway
230 Hathaway Boulevard
New Bedford, MA 02740

6. Transporter 1 Company Name
Triumvirate Environmental, Inc.
U.S. EPA ID Number: M A D 9 8 5 2 8 6 9 8 8

7. Transporter 2 Company Name
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
EQ-Wayne Disposal, Inc.
49350 North I-94 Service Drive
Belleville, MI 48111
Facility's Phone: (800) 592-5489
U.S. EPA ID Number: M I D 0 4 8 0 9 0 6 3 3

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	NA3077, Hazardous waste, solid, n.o.s. 9, III (RQ: Polychlorinated Biphenyls)	0 0 1	C M	4500	K	MA02	PCB1	
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1 - (1 x Roll-off) G110036WDI : Out of Service Date 8/ /2011 Unique ID:8/ 201173634-2 2- 3- 4-

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: Cheryl Henlin
Signature: Cheryl Henlin
Month 08 Day 10 Year 11

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 Ray
Signature:
Month 8 Day 10 Year 11
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. PCB 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest exceptes noted in Item 18a
Printed/Typed Name: Josh Heath
Signature:
Month 8 Day 16 Year 11

GENERATOR | INT'L | TRANSPORTER | DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

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: MP 5 0 8 9 9 7 4 5 1 1
2. Page 1 of 1
3. Emergency Response Phone: 800 966 9282
4. Manifest Tracking Number: 005001956 FLE

5. Generator's Name and Mailing Address
City Of New Bedford
133 Williams Street Room 304
New Bedford, MA 02740
Generator's Phone: 508-961-4576 Cheryl Henlin

Generator's Site Address (if different than mailing address)
City of New Bedford - 230 Hathaway
230 Hathaway Boulevard
New Bedford, MA 02740

6. Transporter 1 Company Name
Triumvirate Environmental, Inc.
U.S. EPA ID Number: MAD985286988

7. Transporter 2 Company Name
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
EQ-Wayne Disposal, Inc.
49350 North I-94 Service Drive
Belleville, MI 48111
Facility's Phone: (800) 592-5489
U.S. EPA ID Number: MID048090633

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	NA3077, Hazardous waste, solid, n.o.s. 9, III (RQ: Polychlorinated Biphenyls)	001	CM	4500	K	MA02	PCB1	
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1 - (1 x Roll-off) G110036WDI : Out of Service Date 7/ /2011 Unique ID: 201173634-1 2- 3- 4-

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: Cheryl Henlin
Signature: Cheryl Henlin
Month 08 Day 10 Year 11

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 Roy
Signature:
Month 8 Day 10 Year 11
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☒ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Actual weight 3,436 kg or per Mike Farrell @ Triumvirate 8/15/11 JV
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. P CB 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: Tonya Nugent
Signature:
Month 10 Day 12 Year 11

GENERATOR | INT'L | TRANSPORTER | DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

XXXXX
Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: MP 5 0 8 9 9 7 4 5 1 1
2. Page 1 of 1
3. Emergency Response Phone: 800 966 9282
4. Manifest Tracking Number: 005001958 FLE

5. Generator's Name and Mailing Address
City Of New Bedford
133 Williams Street Room 304
New Bedford, MA 02740
Generator's Phone: 508-961-4576 Cheryl Henlin

Generator's Site Address (if different than mailing address)
City of New Bedford - 230 Hathaway
230 Hathaway Boulevard
New Bedford, MA 02740

6. Transporter 1 Company Name: Triumvirate Environmental, Inc.
U.S. EPA ID Number: M A D 9 8 5 2 8 6 9 8 8

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
EQ-Wayne Disposal, Inc.
49350 North I-94 Service Drive
Bellville, MI 48111
Facility's Phone: (800) 592-5489
U.S. EPA ID Number: M I D 0 4 8 0 9 0 6 3 3

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	NA3077, Hazardous waste, solid, n.o.s. 9, III (RQ: Polychlorinated Biphenyls)	0 0 1	C M	4500	K	MA02	PCB1	
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1 - (1 x Roll-off) G110036WDI : Out of Service Date 8/8/2011 Unique ID:88201173634-2 2- 3- 4-
GSX 019

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: Cheryl Henlin
Signature: Cheryl Henlin
Month 08 Day 08 Year 11

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: Gary Roy
Signature:
Month 8 Day 8 Year 11
Transporter 2 Printed/Typed Name
Signature
Month Day Year

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. PCB 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: Josh Heath
Signature:
Month 8 Day 19 Year 11

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

XXXXX

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Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: MP 5 0 8 9 9 7 4 5 1 1

2. Page 1 of 1

3. Emergency Response Phone: 800 966 9282

4. Manifest Tracking Number: 005001959 FLE

5. Generator's Name and Mailing Address
City Of New Bedford
133 Williams Street Room 304
New Bedford, MA 02740
Generator's Phone: 508-961-4576 Cheryl Henlin

Generator's Site Address (if different than mailing address)
City of New Bedford - 230 Hathaway
230 Hathaway Boulevard
New Bedford, MA 02740

6. Transporter 1 Company Name: Triumvirate Environmental, Inc.
U.S. EPA ID Number: M A D 9 8 5 2 8 6 9 8 8

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
EQ-Wayne Disposal, Inc.
49350 North I-94 Service Drive
Bellville, MI 48111
Facility's Phone: (800) 592-5489
U.S. EPA ID Number: M I D 0 4 8 0 9 0 6 3 3

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	NA3077, Hazardous waste, solid, n.o.s. 9, III (RQ: Polychlorinated Biphenyls)	0 0 1	C M	450	K	MA02	PCB1	
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1 - (1 x Roll-off) G110038WDI : Out of Service Date 8/8/2011 Unique ID:88201173634-1 2- 3- 4-
EST 035

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: Cheryl Henlin
Signature: Cheryl Henlin
Month 08 Day 08 Year 11

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 Roy
Signature:
Month 8 Day 8 Year 11

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. PCB 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: Josh Heath
Signature:
Month 8 Day 9 Year 11

GENERATOR | INT'L | TRANSPORTER | DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

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: MP 5 0 8 9 9 7 4 5 1 1

2. Page 1 of 1

3. Emergency Response Phone: 800 966 9282

4. Manifest Tracking Number: 005002211 FLE

5. Generator's Name and Mailing Address
City Of New Bedford
133 Williams Street Room 304
New Bedford, MA 02740
Generator's Phone: 508-961-4576 Cheryl Henlin

Generator's Site Address (if different than mailing address)
City of New Bedford - 230 Hathaway
230 Hathaway Boulevard
New Bedford, MA 02740

6. Transporter 1 Company Name: Triumvirate Environmental, Inc.
U.S. EPA ID Number: MAD985286988

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
EQ-Wayne Disposal, Inc.
49350 North I-94 Service Drive
Belleville, MI 48111
Facility's Phone: (800) 592-5489
U.S. EPA ID Number: MI D 0 4 8 0 9 0 6 3 3

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	NA3077, Hazardous waste, solid, n.o.s. 9, III (RQ: Polychlorinated Biphenyls)	0 0 1	C M	ES 3000	K	MA02	PCB1	
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1 - (1 x Roll-off) G110036WDI : Out of Service Date 8/3/2011 Unique ID:8 3/201173634-4 2- 3- 4-

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: Cheryl Henlin
Signature: Cheryl Henlin
Month 9 Day 6 Year 11

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: Aaron Rouillard
Signature: Aaron Rouillard
Month 9 Day 6 Year 11
Transporter 2 Printed/Typed Name
Signature
Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☒ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
actual weight 2,618 kg ok per Mike Fanelli Triumvirate 9/8/11 JV
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. PCB 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: Signature: Month Day Year

GENERATOR | INT'L | TRANSPORTER | DESIGNATED FACILITY

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 # 005002211 FLE, Line Item 1 has been landfilled on

09-07, 2011 in accordance with all local, state and federal regulations 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:

XXXXX

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: MP 5 0 8 9 9 7 4 5 1 1

2. Page 1 of 1

3. Emergency Response Phone: 800 966 9282

4. Manifest Tracking Number: 005002213 FLE

5. Generator's Name and Mailing Address
City Of New Bedford
133 Williams Street Room 304
New Bedford, MA 02740
Generator's Phone: 508-961-4576 Cheryl Henlin

Generator's Site Address (if different than mailing address)
City of New Bedford - 230 Hathaway
230 Hathaway Boulevard
New Bedford, MA 02740

6. Transporter 1 Company Name: Triumvirate Environmental, Inc.
U.S. EPA ID Number: M A D 9 8 3 2 8 6 9 8 8

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
CWM Chemical Services
1550 Balmer Road PO Box 200
Model City, NY 14107
Facility's Phone: (716) 754-8231
U.S. EPA ID Number: N Y D 0 4 9 8 3 6 6 7 9

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	1NA3082, Hazardous waste, liquid, n.o.s. 9, III (RQ: Polychlorinated Biphenyls)	0 0 2	D M	[illegible]	K	MA02	B002	
X	2NA3082, Hazardous waste, liquid, n.o.s. 9, III (RQ: Polychlorinated Biphenyls)	0 0 6	D M	[illegible]	K	MA02	B007	
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1 - (2 x 55) NY302899 : Out of Service Date: 6/19/2011 Unique ID # 736148182011-12, 736148182011-13 2- (6 x 55) - Shipped
NY302898 : Out of Service Date: 6/19/2011 Unique ID # 736148182011-50, 736148182011-55 3- 4-

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: Cheryl Henlin
Signature: [illegible]
Month 9 Day 19 Year 11

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: [illegible]
Signature: [illegible]
Month Day Year

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
Signature
Month Day Year

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

(2)

XXXXX

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: MP 5 0 8 9 9 7 4 5 1 F
2. Page 1 of: 1
3. Emergency Response Phone: 800 966 9282
4. Manifest Tracking Number: 005002218 FLE

5. Generator's Name and Mailing Address
City Of New Bedford
133 Williams Street Room 304
New Bedford, MA 02740
Generator's Phone: 508-961-4576 Cheryl Henlin

Generator's Site Address (if different than mailing address)
City of New Bedford - 230 Hathaway
230 Hathaway Boulevard
New Bedford, MA 02740

6. Transporter 1 Company Name: Triumvirate Environmental, Inc.
U.S. EPA ID Number: M A D 9 8 5 2 8 6 9 8 8

7. Transporter 2 Company Name: FRANK'S VACUUM TRUCK SERVICE
U.S. EPA ID Number: NYD 982792814

8. Designated Facility Name and Site Address
CWM Chemical Services
1550 Balmer Road PO Box 200
Model City, NY 14107
Facility's Phone: (716) 754-8231
U.S. EPA ID Number: N Y D 0 4 9 8 3 6 6 7 9

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	UN2315 RMC 10-5-11 ~~NA3082, Hazardous waste, liquid, n.o.s., 9, III~~ (RQ: Polychlorinated Biphenyls), 9, III VID, 9, II	001	DM	00054	K	MA02	B007	
	2.						B PM 10-5-11	
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1 - (1 x 55) NY302898 : Out of Service Date: 9/13/2011 Unique ID # 7383492011A-1 through 7383492011A- 2 -
3 - 4 -
8114785 7

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

Generator's/Offeror's Printed/Typed Name: X Cheryl Henlin
Signature: X Cheryl Henlin
Month 9 Day 13 Year 11

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: WILLIAM P MABEE
Signature: William P Mabee
Month 9 Day 13 Year 11
Transporter 2 Printed/Typed Name: DALE DOMENECH
Signature:
Month 10 Day 4 Year 11

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☒ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Line 1 item 13 add waste codes F002, F003 & F005
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. H141 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: Richard La Bene
Signature:
Month 10 Day 05 Year 11

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

XXXXX

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: MP 5 0 8 9 9 7 4 5 1 1
2. Page 1 of 1
3. Emergency Response Phone: 800 966 9282
4. Manifest Tracking Number: 005002225 FLE

GENERATOR

5. Generator's Name and Mailing Address
City Of New Bedford
133 Williams Street Room 304
New Bedford, MA 02740
Generator's Phone: 508-961-4576 Cheryl Henlin

Generator's Site Address (if different than mailing address)
City of New Bedford - 230 Hathaway
230 Hathaway Boulevard
New Bedford, MA 02740

6. Transporter 1 Company Name: Triumvirate Environmental, Inc.
U.S. EPA ID Number: M A D 9 8 5 2 8 6 9 8 8

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
EQ-Wayne Disposal, Inc.
49350 North I-94 Service Drive
Belleville, MI 48111
Facility's Phone: (800) 592-5489
U.S. EPA ID Number: M I D 0 4 8 0 9 0 6 3 3

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	NA3077, Hazardous waste, solid, n.o.s. 9, III (RQ Polychlorinated Biphenyls)	0 0 1	C M	5 CY 3500	K	MA02	PCB1	
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1 - (1 x Roll-off) G110036WDI : Out of Service Date 8/15/2011 Unique ID:8/15201173634-2 2- 3- 4-

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: Cheryl Henlin
Signature: Cheryl Henlin
Month 08 Day 15 Year 11

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: Aaron Rouleau
Signature: Aaron Rouleau
Month 8 Day 15 Year 11
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

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. PCD 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: Patrick Rowley
Signature:
Month 08 Day 16 Year 11

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

64242

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number: MP 5 0 8 9 9 7 4 5 1 1
2. Page 1 of 1
3. Emergency Response Phone: 800 966 9282
4. Waste Tracking Number: NHWM051701

5. Generator's Name and Mailing Address
City Of New Bedford
133 Williams Street Room 304
New Bedford, MA 02740
Generator's Phone: 508-961-4576 Cheryl Henlin

Generator's Site Address (if different than mailing address)
City of New Bedford - 230 Hathaway
230 Hathaway Boulevard
New Bedford, MA 02740

6. Transporter 1 Company Name: Triumvirate Environmental, Inc.
U.S. EPA ID Number: M A D 9 8 5 2 8 6 9 8 8

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Triumvirate Environmental (Merrimack), Inc.
263 Howard Street
Lowell, MA 01852
Facility's Phone: (978) 453-7772
U.S. EPA ID Number: M A D 0 4 7 0 7 5 7 3 4

HM	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
X	NA2212, RQ: Asbestos 9, III	001	DM	00050	P	
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information
a- (/ x 55) LOW05333 b- c- d-

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.
Generator's/Offeror's Printed/Typed Name: X Cheryl Henlin
Signature: X Cheryl Henlin
Month 9 Day 13 Year 11

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: WILLIAM P MABEE
Signature: William P Mabee
Month 9 Day 13 Year 11
Transporter 2 Printed/Typed Name
Signature
Month Day Year

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name: Valerie Assiani
Signature
Month 09 Day 15 Year 11

GENERATOR | INT'L | TRANSPORTER | DESIGNATED FACILITY

DESIGNATED FACILITY TO GENERATOR

63915

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	MP 5 0 8 9 9 7 4 5 1 1	1	800 966 9282	NHWM051704

5. Generator's Name and Mailing Address

City Of New Bedford
133 Williams Street Room 304
New Bedford, MA 02740
Generator's Phone: 508-961-4576 Cheryl Henlin

Generator's Site Address (if different than mailing address)

City of New Bedford - 230 Hathaway
230 Hathaway Boulevard
New Bedford, MA 02740

6. Transporter 1 Company Name: Triumvirate Environmental, Inc. — U.S. EPA ID Number: MAD985286988

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address

Triumvirate Environmental (Merrimack), Inc.
263 Howard Street
Lowell, MA 01852
Facility's Phone: (978) 453-7772

U.S. EPA ID Number: MAD047075734

HM	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
X	1. NA2212, RQ: Asbestos 9, III	018	DM	03000	P	
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information

a- (18 x 55) LOW05333 b- c- d-

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Cheryl Henlin — Signature: Cheryl Henlin — Month 08 Day 19 Year 11

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Mark Eppley — Signature: [illegible] — Month 8 Day 19 Year 11

Transporter 2 Printed/Typed Name — Signature — Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Valerie Amaro — Signature: [illegible] — Month 08 Day 19 Year 11

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

DESIGNATED FACILITY TO GENERATOR

211-00495

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	MP 5 0 8 9 9 7 4 5 1 1	1	800 966 9282	NHWM051725

GENERATOR

5. Generator's Name and Mailing Address
City Of New Bedford
133 Williams Street Room 304
New Bedford, MA 02740
Generator's Phone: 508-961-4576 Cheryl Henlin

Generator's Site Address (if different than mailing address)
Citv of New Bedford - 230 Hathawav
230 Hathaway Boulevard
New Bedford, MA 02740

6. Transporter 1 Company Name
Triumvirate Environmental, Inc.
U.S. EPA ID Number: MAD985286988

7. Transporter 2 Company Name
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Triumvirate Environmental, Inc-41 Tanner
41 Tanner Street
Lowell, MA 01852
Facility's Phone: 978-453-7772
U.S. EPA ID Number: MAC300013695

HM	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. Fluorescent Lamps for Recycling, non-regulated per 49 CFR173.164(e) "Universal Waste--Mercury-containing Lamp(s)"	003	CF	00060	P	
	2. Fluorescent Lamps for Recycling, non-regulated per 49 CFR173.164(e) "Universal Waste--Mercury-containing Lamp(s)"	035	CF	00600	P	
	3. FLORESCENT LAMPS FOR RECYCLING, NON-REGULATED PER 49 CFR 173.164(e) UNIVERSAL WASTE - MERCURY - CONTAINING LAMPS	001	CF	00020	P	
	4.					

13. Special Handling Instructions and Additional Information
a- (3 x U Tube Box) b- (35 x Lamp Box 4 ft) c- (1 x 8 Ft Box) d-

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Cheryl Henlin
Signature: Cheryl Henlin
Month 08 Day 24 Year 11

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Mark Eppley
Signature:
Month 8 Day 24 Year 11
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED FACILITY

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator) Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name: John Menegian
Signature:
Month 8 Day 24 Year 11

DESIGNATED FACILITY TO GENERATOR

41-00481

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	MP 5 0 8 9 9 7 4 5 1 1	1	800 966 9282	NHWM054985

5. Generator's Name and Mailing Address
City Of New Bedford
133 Williams Street Room 304
New Bedford, MA 02740
Generator's Phone: 508-961-4576 Cheryl Henlin

Generator's Site Address (if different than mailing address)
City of New Bedford - 230 Hathaway
230 Hathaway Boulevard
New Bedford, MA 02740

6. Transporter 1 Company Name: Triumvirate Environmental, Inc. — U.S. EPA ID Number: MAD985286988

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Triumvirate Environmental, Inc-41 Tanner
41 Tanner Street
Lowell, MA 01852
Facility's Phone: 978-453-7772 — U.S. EPA ID Number: MAC300013695

HM	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. Fluorescent Lamps for Recycling, non-regulated per 49 CFR173.164(e) "Universal Waste--Mercury-containing Lamp(s)"	059	CF	00600	P	
	2. Non Regulated Material (Exempt PCB Ballasts)	009	DM	04500	P	
	3. Flourescent Lamps for Recycling Non Regulated per 49 CFR173.16 "Universal Waste - Mercury-con.	003	CF	00050	P	
	4.					

13. Special Handling Instructions and Additional Information
a- (59x4FT)
b- (49x55)
9
c-
d-
(3x cube)

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Generator's/Offeror's Printed/Typed Name: Cheryl Henlin — Signature: Cheryl Henlin — Month 8 Day 19 Year 11

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Mark Eppley — Signature: [signature] — Month 8 Day 19 Year 11
Transporter 2 Printed/Typed Name — Signature — Month Day Year

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name: John Menzigian — Signature: [signature] — Month 8 Day 19 Year 11

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

DESIGNATED FACILITY TO GENERATOR

41-00526

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number: MP 5 0 8 9 9 7 4 5 1 1
2. Page 1 of: 1
3. Emergency Response Phone: 800 966 9282
4. Waste Tracking Number: NHWM051702

5. Generator's Name and Mailing Address
City Of New Bedford
133 Williams Street Room 304
New Bedford, MA 02740
Generator's Phone: 508-961-4576 Cheryl Henlin

Generator's Site Address (if different than mailing address)
City of New Bedford - 230 Hathaway
230 Hathaway Boulevard
New Bedford, MA 02740

6. Transporter 1 Company Name: Triumvirate Environmental, Inc.
U.S. EPA ID Number: M A D 9 8 5 2 8 6 9 8 8

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Triumvirate Environmental, Inc-41 Tanner
41 Tanner Street
Lowell, MA 01852
Facility's Phone: 978-453-7772
U.S. EPA ID Number: M A C 3 0 0 0 1 3 6 9 5

HM	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1 Fluorescent Lamps for Recycling, non-regulated per 49 CFR173.164(e) "Universal Waste--Mercury-containing Lamp(s)"	001	C F	00005	P	
	2 Fluorescent Lamps for Recycling, non-regulated per 49 CFR173.164(e) "Universal Waste--Mercury-containing Lamp(s)"	007	C F	00140	P	
	3 Fluorescent Lamps for Recycling, non-regulated per 49 CFR173.164(e) "Universal Waste--Mercury-containing Lamp(s)" DID NOT SHIP IN PM		C F		P	
	4.					

13. Special Handling Instructions and Additional Information
a- (/ x U Tube Box) b- (7 x Lamp Box 4 ft) c- (x ~~Lamp Box 8 ft~~) d-

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: X Cheryl Henlin
Signature: X Cheryl Henlin
Month 9 Day 13 Year 11

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: WILLIAM P MABEE
Signature: William P Mabee
Month 9 Day 13 Year 11
Transporter 2 Printed/Typed Name
Signature
Month Day Year

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name: John Menzigian
Signature: John Menz
Month 9 Day 15 Year 11

GENERATOR | INT'L | TRANSPORTER | DESIGNATED FACILITY

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 # 005002225 ELE, Line Item 1 has been landfilled on

8/16/2011 in accordance with all local, state and federal regulations 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 accompnying 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:

THE ENVIRONMENTAL QUALITY COMPANY 49350 N. I-94 SERVICE DRIVE BELLEVILLE MICHIGAN 48111

CERTIFICATE OF DISPOSAL

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as PCB Solid

and specified on Manifest # 005002211 FLE, Line Item 1 has been landfilled on

09-07, 2011 in accordance with all local, state and federal regulations 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:

THE ENVIRONMENTAL QUALITY COMPANY 49350 N. I-94 SERVICE DRIVE BELLEVILLE MICHIGAN 48111

Form # REC-FM-014-BEL

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12/12/08

CERTIFICATE OF DISPOSAL

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as PCB Solid

and specified on Manifest # 005002210 FLE, Line Item 1 has been landfilled on

09-07, 2011 in accordance with all local, state and federal regulations 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:

THE ENVIRONMENTAL QUALITY COMPANY 49350 N. I-94 SERVICE DRIVE BELLEVILLE MICHIGAN 48111

Form # REC-FM-014-BEL

The electronic version of this document is the controlled version. Each user is responsible for ensuring that any document being used is the current version.

12/12/08

CERTIFICATE OF DISPOSAL

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as PCB Solid

and specified on Manifest # 005001939 FLE, Line Item 1 has been landfilled on

8-9, 2001 in accordance with all local, state and federal regulations 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 accompnying 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:

THE ENVIRONMENTAL QUALITY COMPANY 49350 N. I-94 SERVICE DRIVE BELLEVILLE MICHIGAN 48111

CERTIFICATE OF DISPOSAL

This certificate is to verify the wastes specified on Manifest # 005001958FLE

have been properly disposed of in accordance with all local, state and federal regulations.

"Disposed of" means either: 1) Burial or 2) Processed as specified in 40 CFR et sea.

FACILITY NAME: *(Please check one)*

☐ Michigan Disposal Waste Treatment Plant (EPA I.D. # MID000724831)

☒ Wayne Disposal, Inc. (EPA I.D. # MID048090633)

ADDRESS: 49350 N. I-94 Service Drive
Belleville, Michigan 48111

PHONE NUMBER: 1-800-592-5489

FAX NUMBER: 1-800-593-5329

Authorized Signature:

THE ENVIRONMENTAL QUALITY COMPANY 49350 N. I-94 SERVICE DRIVE BELLEVILLE MICHIGAN 48111

Form # REC-FM-029-BEL

The electronic version of this document is the controlled version. Each user is responsible for ensuring that any document being used is the current version.

2/22/11

CERTIFICATE OF DISPOSAL

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as PCB Solid

and specified on Manifest # 005001956 FLE, Line Item 1 has been landfilled on 8/12/2011 in accordance with all local, state and federal regulations 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 accompnying 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:

THE ENVIRONMENTAL QUALITY COMPANY 49350 N. I-94 SERVICE DRIVE BELLEVILLE MICHIGAN 48111

CERTIFICATE OF DISPOSAL

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as 005001952 F/E

and specified on Manifest # 005001952 F/E, Line Item 1 has been landfilled on

8/16, 2011 in accordance with all local, state and federal regulations 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 accompnying 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: [signature]

THE ENVIRONMENTAL QUALITY COMPANY 49350 N. I-94 SERVICE DRIVE BELLEVILLE MICHIGAN 48111

CERTIFICATE OF DISPOSAL

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as PCB Solid

and specified on Manifest # 004997388FCE, Line Item 1 has been landfilled on

7-25, 2011 in accordance with all local, state and federal regulations 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:

THE ENVIRONMENTAL QUALITY COMPANY 49350 N. I-94 SERVICE DRIVE BELLEVILLE MICHIGAN 48111

Form # REC-FM-014-BEL

The electronic version of this document is the controlled version. Each user is responsible for ensuring that any document being used is the current version.

12/12/08

CERTIFICATE OF DISPOSAL

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as PCB Solid

and specified on Manifest # 004997389FCE, Line Item 1 has been landfilled on

7-21, 2011 in accordance with all local, state and federal regulations 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)

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Authorized Signature:

THE ENVIRONMENTAL QUALITY COMPANY 49350 N. I-94 SERVICE DRIVE BELLEVILLE MICHIGAN 48111

Form # REC-FM-014-BEL

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12/12/08

CERTIFICATE OF DISPOSAL

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as PCB Solid

and specified on Manifest # 007499739 8 FLE, Line Item 1 has been landfilled on

8/05/2011 in accordance with all local, state and federal regulations 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)

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Authorized Signature: _____

THE ENVIRONMENTAL QUALITY COMPANY 49350 N. I-94 SERVICE DRIVE BELLEVILLE MICHIGAN 48111

CERTIFICATE OF DISPOSAL

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as PCB Solid

and specified on Manifest # 004997399 FLE, Line Item 1 has been landfilled on

8/16/2001 in accordance with all local, state and federal regulations 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)

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Authorized Signature:

THE ENVIRONMENTAL QUALITY COMPANY 49350 N. I-94 SERVICE DRIVE BELLEVILLE MICHIGAN 48111

CERTIFICATE OF DISPOSAL

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as PCB Solid

and specified on Manifest # 004997400 FLE, Line Item 1 has been landfilled on 8/05/2011 in accordance with all local, state and federal regulations 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)

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Authorized Signature: _____

THE ENVIRONMENTAL QUALITY COMPANY 49350 N. I-94 SERVICE DRIVE BELLEVILLE MICHIGAN 48111