

REPORT OF FINDINGS

NEW BEDFORD HIGH SCHOOL POLYCHLORINATED BIPHENYLS SOURCE/ SINK SAMPLING PROGRAM



Prepared for:

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
(978) 970-5600

October 2008

TABLE OF CONTENTS

1.0	INTRODUCTION.....	1-1
2.0	PROJECT BACKGROUND.....	2-1
2.1	Historical Sampling Results Summary	2-1
2.2	Cleaning of Air Handling Systems and Contaminated Dust Accumulators	2-1
2.3	Supplemental Diagnostic PCB Source Sampling	2-4
3.0	TECHNICAL APPROACH (Field Evaluation/Sampling Summary)	3-1
3.1	Visual Assessment/Initial Materials Quantification	3-1
3.2	Sampling of Uncharacterized Potential Source Materials	3-1
3.3	Further Evaluation of Preliminary Bulk/Air Concentration Trend.....	3-2
3.4	Characterization of Potential PCB Sources with Limited Distribution	3-3
3.5	Field Quality Control	3-3
3.6	Laboratory Data Management and Documentation	3-4
4.0	FIELD MODIFICATIONS TO SAMPLING PLAN.....	4-1
4.1	Sampling Plan Departures.....	4-1
4.2	Additional Samples Collected That Were Not Specified in the Plan	4-1
5.0	RESULTS	5-1
5.1	Bulk Sampling Results.....	5-1
5.2	Wipe Sampling Results.....	5-1
6.0	DISCUSSION	6-1
6.1	PCB Sources	6-1
6.2	Previously Uncharacterized Potential Source Materials.....	6-1
6.3	Further Evaluation of Preliminary Bulk/Air Concentration Trend.....	6-2
6.4	Characterization of Potential PCB Sources with Limited Distribution	6-2
7.0	DATA VALIDATION SUMMARY	7-1
8.0	FINDINGS AND RECOMMENDATIONS	8-1
8.1	Findings.....	8-1
8.2	Recommendations.....	8-2
9.0	REFERENCES.....	9-1

TABLES

Table 1	A-Block Materials Inventory
Table 2	B-Block Materials Inventory
Table 3	C-Block Materials Inventory
Table 4	D-Block Materials Inventory
Table 5	E and F Block Materials Inventory
Table 6	Sampling of Uncharacterized Potential Source Materials
Table 7	Further Evaluation of Preliminary Bulk/Air Concentration Trend
Table 8	Characterization of Potential PCB Sources with Limited Distribution
Table 9	Summary of Analytical Results for Bulk Samples – July 2008
Table 10	Summary of Analytical Results for Wipe Samples – July 2008
Table 11	Results of Sampling of Uncharacterized Potential Source Materials
Table 12	Results of Further Evaluation of Preliminary Bulk/Air PCB Concentration Trend
Table 13	Updated PCB Bulk/Air Concentration Trend for Rooms B-240 and A-114-3
Table 14	Limited Distribution Materials Data Summary - Bulk Sample Analysis
Table 15	Limited Distribution Materials Data Summary - Wipe Sample Analysis

FIGURES

Figure 1	Site Location Map
Figure 2	A-C Block Sampling – First Floor
Figure 3	A-D Block Sampling – Second Floor
Figure 4	A & B Block Sampling – Third Floor

APPENDICES

Appendix A	– Limitations
Appendix B	– Laboratory Data Reports
Appendix C	– Data Validation Report
Appendix D	– Select Captioned Photographs
Appendix E	– Data Table Excerpts from Prior TRC Reports
Appendix F	– Quasi-Random Bulk Material Mapping/Sampling Plan

1.0 INTRODUCTION

This Report of Findings presents the data and findings from a polychlorinated biphenyl (PCB) building material source/sink mapping and sampling effort conducted by TRC Environmental Corporation (TRC) at New Bedford High School (NBHS), 230 Hathaway Boulevard, New Bedford, Massachusetts (see Figure 1). The purpose of the source/sink mapping and sampling effort was to help identify and quantify potential PCB-containing building materials at NBHS that could serve as sources of detected airborne concentrations of PCBs. Data collected from the PCB source/sink mapping will form the basis for plans to further remediate NBHS PCB contamination.

Prior investigations conducted by TRC and others have documented the presence of PCBs in indoor air and building materials at NBHS at concentrations greater than United States Environmental Protection Agency (EPA) project-specific action levels and risk-based concentrations (TRC, 2006a, 2008; BETA, 2006)¹. PCB-containing building materials are potentially a significant source of PCBs detected in indoor air at NBHS. TRC's source/sink sampling program was based in part on a September 12, 2007 site reconnaissance of NBHS conducted with representatives of the City, EPA, and TRC, and documented in e-mail correspondence dated September 13, 2007 (TRC 2007). TRC prepared Work Order No. 10 to describe the scope of work and cost estimate for conducting and documenting the source/sink mapping and sampling effort. The City authorized Work Order No. 10 on June 3, 2008.

TRC's scope of work for field evaluation and sampling included the following:

- Quantification of PCB building materials through site reconnaissance;
- Sampling of uncharacterized potential PCB source materials;
- Evaluation of a preliminary bulk/air concentration trend (TRC, 2008);
- Characterization of potential PCB sources with limited distribution (i.e., equipment and building materials not commonly found throughout the building);
- Mapping/sampling of bulk material on a quasi-random basis to establish general characterization coverage;
- Data validation, evaluation, and management, and analytical support; and
- Preparation of this Report of Findings.

The remaining sections of this report include Section 2 (Project Background), Section 3 (Technical Approach), Section 4 (Field Modifications to Sampling Plan), Section 5 (Results), Section 6 (Discussion), Section 7 (Data Validation/Quality Summary), Section 8 (Findings and Recommendations) and Section 9 (References). This report is subject to the limitations included in Appendix A. Appendix B provides copies of sample results from laboratory reports.

¹ EPA's Action Level of 0.05 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$) is considered a threshold for further evaluation. The risk-based Acceptable Long-Term Average Exposure Concentration is $0.3 \mu\text{g}/\text{m}^3$ and represents a long-term average concentration that corresponds to risk benchmarks established by the Massachusetts Department of Environmental Protection (MassDEP) assuming 25 years of daily workplace exposure. Short-term exposures at the EPA Action Level do not represent an immediate threat to health.

Appendix C provides the data validation report. Appendix D provides selected captioned photographs taken during the field effort. Appendix E provides data table excerpts from prior TRC reports. Appendix F provides the Quasi-Random Bulk Material Mapping/Sampling Plan.

2.0 PROJECT BACKGROUND

2.1 Historical Sampling Results Summary

TRC was first retained by the City to perform indoor air sampling and other environmental testing for PCBs in the interior of NBHS in the summer of 2006 as a follow-up to the earlier work of a prior consultant. The results of this work were presented at a public meeting held on August 31, 2006 (TRC, 2006b) and are documented in detail in TRC's November 17, 2006 *Report of Findings – New Bedford High School-Indoor Polychlorinated Biphenyls Sampling* (TRC, 2006a). Findings summarized by TRC's November 2006 report include the following:

- Indoor air sampling showed detectable levels of PCBs in 23 of 25 samples. The results of laboratory analysis of air samples collected from NBHS air ranged from 0.0024 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$) to 0.31 $\mu\text{g}/\text{m}^3$ total PCBs. One result exceeded the MassDEP-established site specific Acceptable Long-Term Average Exposure Concentration of 0.3 $\mu\text{g}/\text{m}^3$, which represents a long-term risk level based on 25 years of daily work place exposure. Ten results exceeded the EPA Action Level of 0.05 $\mu\text{g}/\text{m}^3$, considered a threshold prompting further evaluation.
- PCBs were not detected, or were detected at much lower concentrations in samples collected of outdoor air.
- Building materials are an important, although not necessarily exclusive, source of the PCBs in the indoor air at NBHS. At this time, sampling data suggests that dust in vents and caulking materials are important contributors. Other potentially significant contributors are tile and baseboard mastics, and local and regional PCB contamination attributable to historical uses and disposal of PCBs.
- PCB-contaminated dust, especially in the ventilation systems, is an important contributor to the levels of PCBs found in indoor air. Laboratory analysis showed that PCBs were detected in 18 of 19 dust samples collected from within the NBHS air handling system. The data also show that the dust inside the ducts contained PCBs at concentrations up to 36 milligrams per kilogram (mg/kg or parts per million [“ppm”]), with an average ventilation dust PCB concentration of 6.7 mg/kg.
- Airborne PCB concentrations detected in NBHS are similar to other schools and public buildings based on TRC's review of other available data in the technical literature. These NBHS PCB air concentration data are consistent with prior published data that highlight a global issue attributing PCBs in indoor air directly to PCB-contaminated building materials (TRC, 2006b).

2.2 Cleaning of Air Handling Systems and Contaminated Dust Accumulators

As outlined in TRC's August 31, 2006 presentation of the August 2006 NBHS air, bulk, and wipe PCB sampling results (TRC, 2006b), the removal of deposited material, PCB contaminated dust in the ventilation system and in areas of long-standing dust accumulation, was expected to

improve the indoor air quality of the school and reduce airborne PCB concentrations as a first phase in the remediation of the PCB indoor air contamination of NBHS.

During the Summer of 2007 school break, TRC oversaw the cleaning of air handling systems, ductwork and surfaces containing PCB-contaminated dust at NBHS. The remedial actions were implemented by Indoor Air Technologies, Incorporated (IAT) of Victor, New York under TRC supervision. The work was performed consistent with a performance-based bid specification prepared by TRC.

The ventilation system was cleaned using source removal mechanical cleaning methods designed to extract contaminated surface dust deposits and render the HVAC system visibly clean and capable of passing cleaning verification methods consistent with National Air Dust Cleaning Association (NADCA) standards and other specified tests (e.g., wipe sampling).

IAT initiated work on July 9, 2007 and completed remedial activities on August 24, 2007. IAT's remedial actions consisted of the following:

- **Ducts:** Cleaned all supply, return and exhaust ducts in the school (approximately 13,572 feet of ductwork of varying cross-sectional area).
- **HVAC Components:** Cleaned 20 central HVAC components, fan coils and intakes.
- **Perimeter univent and corridor heaters:** Cleaned filter housings and replaced filters for 250 units.
- **Return exhaust vents:** Cleaned 120 return air exhaust vents (the approximate linear footage of return air vents was 8,700 feet).
- **Surface cleaning:** Cleaned exposed horizontal surfaces with visible dust accumulation (primarily surfaces 8-feet above the floor level that are not routinely cleaned). The estimated surface area subjected to cleaning was approximately 93,000 sq. ft. Surface cleaning also included the surfaces of the NBHS boilers, which were cleaned using extension wands to prevent direct contact of hot surfaces by IAT personnel.
- **Sub-locker Space:** The enclosed spaces under 4,000 hallway lockers were cleaned to remove long-standing reservoirs of PCB-contaminated dust that had accumulated.
- **Wood and Auto Shops:** Unique and dusty environments for which lump-sum comprehensive cleaning of fixed surfaces was performed.

All filters within the NBHS HVAC system were also replaced by IAT with new filters, supplied by NBHS, no matter the age or condition.

The remedial activities conducted by IAT at NBHS significantly reduced the PCB burden associated with dust deposits (approximately 3,400 pounds of PCB-contaminated solid material were removed from the school). This includes significant quantities of PCB-contaminated solid

material (dust) removed from the air handling system and spent HVAC filter media. Total PCB concentrations found in these dusts, which ranged from 0.78 mg/kg to 36.5 mg/kg (average 7.4 mg/kg), were attributable to one or more of the following sources:

- PCB-contaminated dusts entering the building via HVAC intake (air handling system);
- PCB-contaminated dusts (e.g., soils) entering the building attributable to greater than 20 years of “foot traffic”;
- PCBs in gaseous phase entering the building air intakes coupled with sorption onto surfaces/dusts residing in the building;
- Off-gasing of PCBs from PCB-containing building materials followed by adsorption onto surfaces and/or entrained dust deposits; and
- Dusts/solids resulting from abrasion or physical breakdown of pre-existing solid building materials containing PCBs.

All but 3 of the 207 post-remedial wipe samples collected from cleaned surfaces were non-detect for PCB Aroclors. The PCB concentrations of the three wipe samples where PCBs were detected were all significantly lower than the United States EPA PCB cleanup standard for non-porous surfaces in high occupancy areas (§761.61(a)(4)(ii) [“unrestricted use standard”] of 10 $\mu\text{g}/100\text{ cm}^2$, demonstrating the effectiveness of the cleaning techniques employed in the remedial effort.

Post-remedial air monitoring for PCBs by TRC was expedited to ensure sufficient time for data collection and analysis prior to the start of the 2007-2008 school year. The results of post-remedial air monitoring conducted on August 14, 2007 were varied. In some locations, reductions in air phase PCB concentrations were observed, while in other locations concentrations remained essentially the same or increased when compared to air-phase PCB data collected by TRC in August 2006, prior to the implementation of duct cleaning activities.

Re-sampling of indoor air for PCBs in select locations in the A and B blocks was undertaken by TRC on August 29 and 30, 2007. Prior to the air-phase PCB re-sampling event, HEPA air-filtration was performed in the A and B blocks to help evaluate if residual PCB-contaminated dust levels in air could explain the unchanged or increased PCB air concentrations, since the air sampling was conducted soon after completing remedial activities in these areas. (HEPA filtration was also conducted in the C-, D-, and E- Blocks.) However, the A/B block re-sampling event returned results nearly identical to the first TRC air sampling event performed on August 14, 2007.

Further investigation revealed that 20 out of 120 (approximately 17-percent) of the roof top exhaust vents were not working at the time of the August 2007 post-remediation PCB air sampling events. In addition, over 40-percent of the perimeter univents were found to be non-functioning. The lack of a fully functioning ventilation system might have contributed to the unchanged or increased air-phase PCB concentrations given that PCB sources (e.g., PCB-

containing building materials such as mastics, caulking, and paint) are still present in the building. A third round of PCB indoor air monitoring was conducted in February 2008 following the restoration of the HVAC system to full operational capacity. The February 2008 PCB indoor air monitoring concentrations were lower compared to past rounds of monitoring by TRC and others in April 2006, August 2006, and August 2007 and appear to demonstrate the efficacy of remedial actions (e.g., contaminated dust removal from the HVAC system) and HVAC system repairs.

The results of the February 2008 PCB air sampling are summarized below (all units are in $\mu\text{g}/\text{m}^3$):

- Number of interior non-detect (ND) results: 5 (out of 26 interior monitoring locations)
- Concentration range of detections: $0.0014 \mu\text{g}/\text{m}^3$ to $0.13 \mu\text{g}/\text{m}^3$
- Locations with PCB air concentrations above the EPA *Threshold for Further Investigation* ($0.05 \mu\text{g}/\text{m}^3$): 2 locations (rooms A-307-3 at $0.085 \mu\text{g}/\text{m}^3$ and room A-212/213-4 at $0.13 \mu\text{g}/\text{m}^3$).
- Locations with PCB Air Concentrations Above the *Acceptable Long-Term Average Exposure Concentration* ($0.3 \mu\text{g}/\text{m}^3$): None

2.3 Supplemental Diagnostic PCB Source Sampling

During the Summer of 2007, TRC also undertook supplemental diagnostic PCB source sampling, including additional bulk sampling in the two classrooms with the highest concentrations of indoor air PCBs in August 2006 to clarify the relative contributions of potential PCB sources present at these locations. This sampling was conducted as a means of identifying remedial actions most appropriate for PCB-containing bulk materials residing in other portions of the school. TRC collected comparative bulk samples in August 2007 from rooms B-240 and A-114-3 for PCB Aroclors targeting the media listed below:

- Floor tile mastic
- Window glazing
- Baseboard (cove base) mastic
- Old wall paint (located above the drop ceiling)
- Recent paint (the top layer of paint on classroom walls below the drop ceiling)
- Steel beam paint (structural steel located above the drop ceiling)
- Couch foam (B-240 only)

Results from analyses of the B-240 and A-114-3 classroom bulk samples suggest that a potential concentration trend exists between bulk building material PCB concentration and PCB concentrations present in room air at these same locations. The bulk and air phase PCB results are both greater in room B-240 compared to room A-114-3 based on the 2007 air monitoring results.

A hypothesis for the persistent air-phase concentrations of PCBs at NBHS is that numerous low concentration PCB-contaminated building materials serve as reservoir sources for the air phase PCBs detected at NBHS. Solid phase PCBs volatilize slowly into the vapor phase; therefore, higher concentrations in indoor air may be expected in locations where building material PCB concentrations are higher. In addition, different ventilation rates from area to area during testing may have exacerbated this effect or contributed to the incrementally higher PCB concentrations detected at some locations. Outdoor ambient air does not appear to be a significant source of contamination found in indoor air since outdoor air samples collected in 2007 concurrently with indoor air samples were either non-detect for PCBs, or had measured concentrations significantly lower (by an order of magnitude or more in many cases) than the corresponding indoor air levels.

The work conducted by TRC to date at NBHS is consistent with the overall evaluation process for the building, which involves source identification, remedial action, and re-testing to evaluate progress. The Summer 2007 vent cleaning was the first step toward a systematic remediation of PCB sources in the building. Other sources remain, such as mastics and caulking, etc. The recent air monitoring results highlight the importance of addressing the remaining PCB-containing source materials in the school. EPA noted in an October 3, 2007 letter to the City that a more comprehensive assessment of building materials is in order to determine the extent of PCB contamination in NBHS (EPA, 2007).

3.0 TECHNICAL APPROACH (FIELD EVALUATION/SAMPLING SUMMARY)

TRC planned the source/sink field evaluation and sampling tasks as two separate mobilizations. The following tasks were accomplished in the first mobilization.

- Visual Assessment/Initial Materials Quantification
- Sampling of Uncharacterized Potential Source Materials
- Further Evaluation of Preliminary Bulk/Air Concentration Trend
- Characterization of Potential PCB Sources with Limited Distribution

TRC utilized data collected through the above-listed activities to help evaluate potential areas to be sampled under the second mobilization. The second mobilization will be scheduled following EPA concurrence on a quasi-random sampling program to further characterize PCB-containing building materials at NBHS.

On July 17, 2008, TRC mobilized to NBHS to initiate the above-described field evaluation and sampling. On the morning of July 17, 2008, TRC also met with NBHS and School Department officials and a representative of the City's Department of Environmental Stewardship to discuss the scope and goals of the source/sink mapping and sampling effort. Based on input from school and City officials, TRC adjusted the sampling program, accounting for various past renovation efforts and planned renovation activities, which are described herein where appropriate.

The NBHS interior sampling was conducted in general conformance with current industry standards and engineering practices. TRC sent all samples to Northeast Analytical Laboratories (NEA) of Schenectady, New York for analysis of PCB Aroclors via SW-846 Method 8082 (EPA, 1996). The following sections describe each of the field activities conducted by TRC.

3.1 Visual Assessment/Initial Materials Quantification

TRC conducted a room-by-room, area-by-area assessment to quantify the amounts of potential PCB-containing building materials previously sampled and potentially targeted for sampling as part of this effort (e.g., paint, floor tiles, carpet, window caulking, etc.). Tables 1 through 5 summarize the quantity estimates from this effort. The materials quantification and bulk materials sampling will help evaluate the relative impact of various PCB-containing materials and prioritize future remedial efforts.

3.2 Sampling of Uncharacterized Potential Source Materials

The presence of some potential source/sink materials were noted during the September 12, 2007 site reconnaissance and documented in a subsequent September 13, 2007 e-mail message. As part of the first source/sink field mobilization, TRC collected and analyzed representative samples of these materials (bulk material samples) on an expedited basis to evaluate their role in the sampling program as a whole. These materials included the following:

- Vinyl cove base (as opposed to mastic)

- Floor tiles/floor tile gaps (mastic)
- Porous push-pin board material
- Laminate adhesives on counter tops and cabinet doors/framing
- Carpets/carpet pads (potential PCB sinks) in the library and some offices.

TRC collected samples of the first four bulleted items from two school rooms previously utilized for detailed bulk material evaluations (B-240 and A-114-3) to build on concentrations trends hypothesized for these rooms (TRC, 2008). One sample of each material was collected per room exclusive of quality control [QC] samples. Table 6 summarizes the samples collected from the above-noted classrooms.

Representative carpet samples were collected from eight (8) locations. Carpet padding was sampled in one (1) location. TRC worked closely with facility engineering staff to select unobtrusive locations for carpet sampling to minimize potential aesthetic impacts. Table 6 also summarizes the carpet sampling conducted by TRC.

Bulk material samples were collected using hand tools such as a utility knife, razor blade, scraper, laboratory spatula, etc. Each container was labeled with a location-specific sample number. TRC attempted to collect samples in a manner that minimized damage to building systems and/or materials. After collection of each sample, the sampling implements were decontaminated or, in the case of the utility knife, blades were disposed of so each sample was collected with dedicated equipment. Upon collection, samples were placed into air-tight, pre-cleaned 8-ounce glass containers provided by the laboratory.

3.3 Further Evaluation of Preliminary Bulk/Air Concentration Trend

TRC noted a preliminary bulk/air-phase PCB concentration trend based on the air/bulk results from rooms B-240 and A-114-3 (TRC, 2008). Given the relatively greater expense of air monitoring, TRC recommended obtaining a similar density of bulk source data from additional rooms with reliable air sampling data (i.e., where the ventilation system was known to be working) to further evaluate the consistency of the correlation, selecting rooms with PCB air monitoring results that span the air phase concentration range (low, medium, high). TRC chose the following rooms for this work (Total PCB air results from August 2007 are provided in parentheses):

- A-212/213-4 (0.62 ug/m³)
- A-311-2 (0.045 ug/m³)
- A-205-4 (0.0037 ug/m³)

TRC collected nine (9) samples from A-212/213-4, nine (9) samples from A-311-2, and ten (10) samples from A-205-4 (exclusive of QC), which is consistent with the density of sampling previously conducted in rooms B-240 and A-114-3. Table 7 summarizes the samples collected from the above-noted classrooms.

All bulk samples were submitted to NEA for analysis of PCB Aroclors by SW-846 Method 8082 (EPA, 1996) to maintain consistency with the current database of bulk analytical data.

3.4 Characterization of Potential PCB Sources with Limited Distribution

During the September 12, 2007 site reconnaissance, TRC and EPA noted the potential presence of additional PCB building material/equipment sources. TRC conducted sampling to target these building materials. As described in TRC Work Order Number 10, the proposed sampling targeted the boiler room, elevator hydraulics, roof materials, and the building exterior materials with the potential to impact indoor air quality. Input from school officials and maintenance personnel indicated that some of the proposed sampling was not necessary (e.g., elevator reservoir, roofing materials) since the equipment or materials were recently replaced (post-PCB building material use). Additional samples were collected of select media based on school department knowledge of upcoming renovation projects (i.e., window replacement) or based on professional judgment. Also, some items targeted for sampling were not accessible or did not have sufficient material available for sampling. Please refer to Section 4.0 (Field Modification to Sampling Plan) for the details of specific modifications. As summarized on Table 8, a total of 20 samples were collected of potential PCB sources with limited distribution including eight (8) wipes and 12 bulk samples (exclusive of QC).

Bulk samples or wipe samples were collected based on field circumstances and professional judgment. Bulk samples were collected where there was sufficient material (approximately 10 grams) to enable the laboratory to analyze the sample. Wipe samples were collected where material volume was insufficient, or where collecting the sample would damage building components and affect their performance, or where the sampled media was more appropriate for wipe sampling (e.g., oil smears).

During wipe sampling, TRC used a 10 cm by 10 cm template and a hexane-preserved gauze wipe consistent with American Society for Testing and Materials (ASTM) Standard Practice for Field Collection of Organic Compounds from Surfaces Using Wipe Sampling, Standard Designation: D 6661-01 (ASTM, 2001). Samples were placed into air-tight laboratory 4-ounce glass containers. Each container was labeled with a location-specific number.

3.5 Field Quality Control

The following QC samples were collected:

- Field duplicates. Field duplicates provide a measure of precision for the combined sampling and analysis scheme. Four field duplicate pairs were collected from bulk material samples. No field duplicates were collected for wipe samples.
- Cooler temperature blanks consisting of sample containers filled with non-preserved water (potable or distilled) were included in all coolers. The laboratory used these temperature blanks to ensure that proper preservation of the samples was maintained during sample shipment. The laboratory recorded the results of the temperature blanks on the chain-of-custody or sample login form immediately upon receipt of the samples at the laboratory, prior to inventory and refrigeration.

3.6 Laboratory Data Management and Documentation

All laboratory results were delivered to TRC via an electronic data deliverable (EDD). TRC tabulated the results on spreadsheets and transferred all data to TRC's proprietary Lowell Information System (LIS) database. No manual data entry of the results was required, thereby eliminating the introduction of human error. TRC obtained all raw laboratory data including chromatograms and copies of internal chains of custody for potential future review.

Field data were recorded on field log forms to maintain a permanent record of all field activities. Information recorded included date, individuals on site, sampling observations and techniques, and any additional relevant information. All field notes and photographs are maintained and stored in dedicated project files.

4.0 FIELD MODIFICATIONS TO SAMPLING PLAN

Several adjustments to the sampling plan proposed in TRC Work Order Number 10 were required based on field conditions and discussions with NBHS and school department personnel, as summarized below:

4.1 Sampling Plan Departures

The following summarizes sampling plan departures:

- TRC omitted elevator hydraulic fluids from sampling because NBHS personnel indicated that these fluids had been changed recently (i.e., within the last two years). Fluid of such vintage is not expected to contain PCBs.
- TRC's sampling plan included an equal number of carpet samples and carpet pad samples; however, only one of the carpets sampled had padding beneath.
- TRC omitted samples of the roofing material based on discussion with NBHS personnel, which indicated that the roof had been completely stripped and resurfaced within the last two years. Samples of patch material from the base of the chimney and roof edge patch material near the chimney were still collected.

4.2 Additional Samples Collected That Were Not Specified in the Plan

The following additional samples were selected for collection:

- TRC collected one wipe sample from the interior of the "univent" at the request of City personnel.
- TRC collected one sample of black insulation material located on the inside of the door of the air handler located in the Boiler Room.
- NBHS personnel indicated that current renovation plans include replacement of several, if not all, exterior windows. As a result, TRC collected additional samples of window caulk for additional characterization of this material.
- TRC collected one sample of a wall divider gasket between rooms A-212-4 and A-213-4. This material is very flexible and although it has limited distribution throughout NBHS, high-flexibility synthetic building materials contain significant quantities of plasticizer, one of which could be PCBs in a building of this vintage.

5.0 RESULTS

The following summarizes the results of the bulk and wipe sample analyses from TRC's July 2008 sampling effort. Bulk material analyses are summarized in Table 9. Wipe sample analyses are summarized in Table 10. Photographs of sample locations are provided in Appendix E.

5.1 Bulk Sampling Results

The results of laboratory analyses of bulk samples collected from NBHS are summarized in Table 9, which indicates that PCBs were detected in several of the building materials sampled. The locations of each of the samples were noted in detail and recorded on a floor plan of the NBHS building. Figures 2, 3, and 4 illustrate the approximate bulk sampling locations on NBHS floor plan schematic diagrams.

PCBs were detected in 58 out of 63 bulk building material samples (including duplicates). Detected concentrations in bulk samples ranged from 0.158 mg/kg to 230 mg/kg total PCBs. The materials from TRC's July 2008 source/sink sampling effort with the highest PCB concentrations are summarized below (with the room designations in parentheses):

- Laminate adhesive (B-240) – 230 mg/kg
- Laminate adhesive (A-205-4) – 114 mg/kg
- Floor tile mastic (A-212-3/213-4) – 32.5 mg/kg
- Wall divider gasket (A-212-3/213-4) – 26.4 mg/kg
- New blue paint (A-212-3/213-4) – 26.2 mg/kg
- Window caulk (A-212-3/213-4) – 25.1 mg/kg
- Window glazing (A-212-3/213-4) - 22.8 mg/kg (duplicate 15.2 mg/kg)
- Green carpet (D-219) – 15.4 mg/kg
- Vinyl tile mastic (B-240) – 10.0 mg/kg
- Green I-Beam Paint (A-205-4) – 8.84 mg/kg

The 47 remaining detected concentrations ranged from 0.158 mg/kg (exterior door caulking) to 8.41 mg/kg (green paint on structural steel in A-212/213-4). PCBs were not detected in 5 out of 63 samples. Appendix B contains copies of NEA laboratory data reports for the bulk samples.

5.2 Wipe Sampling Results

The results of laboratory analysis of wipe samples collected from NBHS are summarized in Table 10. As shown in the table, PCBs were detected in several different building materials. The locations of each of the samples were noted in detail and recorded on a floor plan of the NBHS building. Figures 2, 3, and 4 illustrate the approximate wipe sampling locations on NBHS floor plan schematic diagrams.

PCBs were detected in 5 out of 8 wipe samples. Detected results in wipe samples ranged from 1.53 $\mu\text{g}/100\text{ cm}^2$ to 7.07 $\mu\text{g}/100\text{ cm}^2$. The five detected wipe samples and associated wiped items from TRC's July 2008 sampling and corresponding concentrations are summarized below (with the room designations in parentheses):

- Bearing lubricant on air handler (Boiler Room) – 7.1 ug/100 cm²
- Johnson Controls Unit Floor Wipe (Boiler Room) – 2.3 ug/100 cm²
- Second Floor Pneumatic Panel (A-207-1) – 1.6 ug/100 cm²
- West Compressor Wipe (Boiler Room) – 1.5 ug/100 cm²
- Electric motor wipe (Boiler Room) – 1.3 ug/100 cm²

None of the wipe sample concentrations exceeded EPA's unrestricted use standard of 10 ug/100 cm². PCBs were not detected in 3 out of 8 wipe samples. Appendix B contains copies of NEA laboratory data reports for the wipe samples.

6.0 DISCUSSION

6.1 PCB Sources

PCBs are semivolatile, persistent, lipophilic, organochlorine compounds characterized by low to moderate vapor pressures. The vapor pressure of PCBs vary inversely with molecular weight and degree of chlorination. PCBs can enter the air phase through several mechanisms including sublimation from source materials (such as building materials); desorption from dust, soil, and other PCB-contaminated matter; and entrainment with suspended airborne particulates. Although PCB production in the United States ended in the late 1970s, PCB-treated/containing materials represent a substantial source of current and future potential exposures given that an estimated 2 million tons of PCBs have been produced worldwide (Alcock et al, 1994), and many types of PCB-containing materials remain in use. PCB-containing building materials such as concrete construction sealants may contain significant amounts of PCBs and act as diffuse emitters of PCBs to indoor air (Kohler et al, 2002). Other research has demonstrated a relationship between PCBs in building materials, like sealants and caulks, and levels in indoor air and settled dust (Herrick et al, 2004). TRC's NBHS interior PCB monitoring identified PCB-containing building materials such as adhesives, window caulking and mastics. As discussed herein, the results of TRC's 2008 source/sink sampling effort indicate that total PCB concentrations in NBHS building materials are as high as 230 mg/kg in laminate adhesives from counter top and cabinet units installed in many classrooms at NBHS.

The remedial activities conducted by TRC at NBHS in 2007 significantly reduced the PCB burden associated with dust deposits (approximately 3,400 pounds of PCB-contaminated solid material was removed from the school). This includes significant quantities of PCB-contaminated solid material (dust) removed from the air handling system (TRC, 2008). The February 2008 PCB indoor air monitoring conducted following final HVAC system component repairs and rebalancing showed PCB air concentrations that were significantly lower compared to past rounds of monitoring by TRC and others in 2006 and 2007. The February 2008 results appear to demonstrate the efficacy of remedial actions (e.g., contaminated dust removal from the HVAC system) and HVAC system repairs. However, PCBs continue to be detected in NBHS indoor air. The continued detection of PCBs in NBHS indoor air is associated in part with inter-media exchange attributable to vaporization of lighter molecular weight PCB constituents from PCB-containing building (source) materials.

6.2 Previously Uncharacterized Potential Source Materials

TRC sampled the following potential source/sink materials that were noted during the September 12, 2007 site reconnaissance. TRC collected samples from the two school rooms already targeted for detailed bulk material evaluations (B-240 and A-114-3) to build on trends already hypothesized for these rooms (TRC, 2008).

- Vinyl cove base (as opposed to mastic)
- Floor tiles/floor tile gaps (mastic)
- Porous push-pin board material
- Laminate adhesives on counter tops and cabinet doors/framing

In addition, representative carpet/carpet pad samples (potential PCB sinks) were collected from eight (8) locations. The results of the analysis of the above-noted building materials are summarized in Table 11 (as total PCBs). The results indicate that laminate adhesive is a potentially significant source of PCBs at NBHS, with a concentration as high as 230 mg/kg. The results also suggest that carpeting generally contains low concentrations of PCBs (most carpet samples contained less than 2 mg/kg total PCBs), with two exceptions of carpet samples from Room D-219 and D-250 that contained 15.37 mg/kg and 3.65 mg/kg total PCBs, respectively.

6.3 Further Evaluation of Preliminary Bulk/Air Concentration Trend

TRC collected additional bulk material samples for PCB analysis from the following rooms to further evaluate a potential bulk/air-phase PCB concentration trend based on the air/bulk results from rooms B-240 and A-114-3. Total PCB air concentrations from August 2007 are provided in parentheses (TRC, 2008). These rooms were chosen to span the low, medium and high total PCB air concentrations.

- A-212/213-4 (0.62 ug/m³)
- A-311-2 (0.045 ug/m³)
- A-205-4 (0.0037 ug/m³)

TRC collected nine (9) samples from A-212/213-4, nine (9) samples from A-311-2, and ten (10) samples from A-205-4, the results of which are summarized in Table 12. The results indicate that the highest PCB air concentrations of these three rooms appear to be associated with a higher aggregate concentration of bulk PCB sources with significant surface area (wall paint, floor mastic). Room A-205-4, the room with the lowest PCB air concentration, has relatively high PCB concentration in laminate adhesive, but room A-205-4 also has relatively little laminate surface area compared with other rooms. Generally, the PCB concentrations for high surface area materials in Room A-205-4 were also among the lowest of the three rooms. Differential ventilation rates, if significant between compared rooms, may also impact these results.

TRC also updated the bulk/air PCB concentration trend comparison between rooms B-240 and A-114-3 by combining the sample results described in Section 6.2 with the results of bulk material analysis from 2007 (see Appendix E for data table excerpts from prior TRC reports). Table 13 presents the updated comparison. Both the 2007 and 2008 results support the potential bulk/air-phase PCB concentration trend based on the air/bulk results from rooms B-240 and A-114-3 (TRC, 2008). Bulk material PCB concentrations and air concentrations both tend to be higher in room B-240 compared to room A-114-3.

6.4 Characterization of Potential PCB Sources with Limited Distribution

TRC conducted sampling targeting additional PCB building material/equipment sources. This sampling targeted the boiler room, roof materials, and the building exterior. The results of the analysis of the above-noted building materials are summarized in Tables 14 and 15 for bulk and

wipe results, respectively (as total PCBs). The results indicate the presence of several different relatively low concentration PCB source materials.

In terms of bulk concentrations, the three highest concentration materials encountered in this component of the sampling program were flashing joint material (7.06 mg/kg total PCBs), joint adhesive associated with vent system ducting (6.25 mg/kg), and expansion joint material in the boiler room (1.124 mg/kg). The remaining detected bulk results from the limited distribution materials sampling ranged from 0.158 mg/kg (exterior door caulking) to 0.826 mg/kg (air handler door insulation).

The three highest wipe sample results included the bearing lubricant on an air handler in the boiler room (7.07 $\mu\text{g}/100\text{ cm}^2$), a wipe from the Johnson Controls unit for the second floor (2.307 $\mu\text{g}/100\text{ cm}^2$), and the second floor pneumatic panel (1.55 $\mu\text{g}/100\text{ cm}^2$). The remaining detected PCB wipes ranged from 1.349 $\mu\text{g}/100\text{ cm}^2$ (electric motor) to 1.53 $\mu\text{g}/100\text{ cm}^2$ (west compressor).

Given the limited distribution of these materials and low potential for exposure, they are unlikely to be high priority targets for remedial activity (removal). In addition, none of the PCB wipe samples collected as part of the July 2008 source/sink sampling effort exceeded the EPA unrestricted use standard of 10 $\mu\text{g}/100\text{ cm}^2$.

7.0 DATA VALIDATION SUMMARY

Limited validation was performed on the data for the 63 bulk samples and eight wipe samples collected at NBHS in July 2008. The sample results were assessed using the *EPA New England Data Validation Functional Guidelines for Evaluating Environmental Analyses*, revised December 1996. Modification of these guidelines was performed to accommodate the non-Contract Laboratory Protocol (CLP) methodology.

Sample data were reviewed for the following parameters:

- Agreement of analyses conducted with TRC requests
- Holding times and sample preservation
- Initial and continuing calibrations
- Method blanks
- Surrogate spike recoveries
- Laboratory control sample (LCS) results
- Matrix spike/matrix spike duplicate (MS/MSD) results
- Field duplicate results
- Quantitation limits and sample results
- Target compound identification

In general, the data appear to be valid as reported and may be used for decision-making purposes. Positive results for select Aroclors were qualified as estimated (J) in most samples due to the presence of altered PCB patterns. Potential uncertainty exists for the positive results for Aroclor 1254 in samples TRC-Bulk-156 and TRC-Bulk-140R due to dual column variability. Potential uncertainty exist for Aroclors 1242, 1254, and 1260 in samples TRC-Bulk-112 and TRC-Bulk-912 and Aroclors 1242, 1248, and 1254 in samples TRC-Bulk-127 and TRC-Bulk-927 due to field duplicate variability. Potential uncertainty exists for Aroclor 1248 in samples TRC-Bulk-126, TRC-Bulk-128, and TRC-Bulk-131 due to potential interference from Aroclor 1242. Potential low bias exists for the positive and nondetect results for all Aroclors in samples TRC-Bulk-105, TRC-Bulk-137, TRC-Bulk-912, and TRC-Bulk-140R due to the low surrogate recoveries. Potential low bias exists for all Aroclors in sample TRC-Bulk-140R due to low recoveries in the LCS.

For additional details, please refer Appendix C, which contains the data validation report.

8.0 FINDINGS AND RECOMMENDATIONS

8.1 Findings

Findings from TRC's July 2008 source/sink sampling effort are summarized below:

- Additional potential PCB-containing building materials were identified in NBHS, including laminate adhesive, carpeting, vinyl tile and base cove molding, and various gasket materials.
- PCBs were detected in 58 out of 63 bulk building material samples (including duplicates). Detected concentrations in bulk samples ranged from 0.158 mg/kg to 230 mg/kg total PCBs. The ten highest concentration materials from TRC's July 2008 sampling and corresponding concentrations are summarized below (with the room designations in parentheses):
 - Laminate adhesive (B-240) – 230 mg/kg
 - Laminate adhesive (A-205-4) – 114 mg/kg
 - Floor tile mastic (A-212-3/213-4) – 32.5 mg/kg
 - Wall divider gasket (A-212-3/213-4) – 26.4 mg/kg
 - New blue paint (A-212-3/213-4) – 26.2 mg/kg
 - Window caulk (A-212-3/213-4) – 25.1 mg/kg
 - Window glazing (A-212-3/213-4) - 22.8 mg/kg (15.2 mg/kg duplicate result)
 - Green carpet (D-219) – 15.4 mg/kg
 - Vinyl tile mastic (B-240) – 10.0 mg/kg
 - Green I-Beam Paint (A-205-4) – 8.84 mg/kg
- The 47 remaining detected bulk building material sample concentrations ranged from 0.158 mg/kg (exterior door caulking) to 8.41 mg/kg (green paint on structural steel in A-212/213-4).
- PCBs were not detected in 5 out of 63 bulk building material samples.
- As noted above, PCBs were detected in certain building materials (i.e., laminate adhesive) at concentrations in excess of 50 mg/kg. Source materials in excess of this concentration would be treated as *PCB bulk product wastes* in a remediation context, since the source of the PCB contamination in the material is from manufacture.
- PCBs were detected in 5 out of 8 wipe samples. Detected results in wipe samples ranged from 1.53 ug/100 cm² to 7.07 ug/100 cm². The five detected wipe samples and associated wiped items from TRC's July 2008 sampling and corresponding concentrations are summarized below (with the room designations in parentheses):
 - Bearing lubricant on air handler (Boiler Room) – 7.1 ug/100 cm²
 - Johnson Controls Unit Floor Wipe (Boiler Room) – 2.3 ug/100 cm²

- Second Floor Pneumatic Panel (A-207-1) – 1.6 ug/100 cm²
- West Compressor Wipe (Boiler Room) – 1.5 ug/100 cm²
- Electric motor wipe (Boiler Room) – 1.3 ug/100 cm²

- PCBs were not detected in 3 out of 8 wipe samples.

- All of the July 2008 wipe sample PCB results were below the EPA unrestricted use standard of 10 ug/100 cm².

- Numerous low concentration PCB-contaminated building materials appear to serve as reservoir sources for the air phase PCBs detected at NBHS. Prior sampling at NBHS noted that higher PCB concentrations in indoor air may tend to be found in locations where building material PCB concentrations are higher. The results of the July 2008 source/sink sampling effort continue to indicate that the highest PCB air concentrations may be associated with a higher aggregate concentration of bulk PCB sources with significant surface area.

- Sampling conducted in the boiler room area noted additional PCB-containing building materials, including flexible ventilation system components. However, the concentrations of PCBs detected in this area tended to be among the lowest PCB concentrations detected in building materials at NBHS. The low concentration, limited distribution, and relatively low potential for exposure of these materials suggest that they are a low priority for future remedial activity.

8.2 Recommendations

The findings of the July 2008 source/sink sampling indicate that the highest PCB air concentrations tend to be associated with a higher aggregate concentration of bulk PCB sources in rooms/areas of the school. PCB-containing building materials with significant surface area (wall paint, floor mastic) are potentially significant contributors to detected indoor air PCB-concentrations.

The hypothesis that the persistent air phase concentrations of PCBs at NBHS are associated with numerous low concentration PCB-contaminated building materials serving as reservoir sources for the air phase PCBs detected at NBHS could help target future interior-related PCB remedial actions at NBHS. Data collected from the quasi-random sampling program outlined in Appendix F will help refine this hypothesis and target areas for remediation.

Any remediation of PCB-containing building materials would be performed under §761.61(c) (Risk Based Disposal Approval). The goal of such remediation would be the removal or decontamination of source materials such that indoor air quality was improved to a level such that the EPA Action Level of 0.05 µg/m³ was not exceeded. Remedial planning will be performed following the collection and analysis of data from the Quasi-Random Bulk Material Mapping/Sampling Plan.

9.0 REFERENCES

- Alcock et al, 1994 Alcock RE, Halsall CJ, Harris CA, Johnston AE, Lead WA, Sanders G, and Jones KC. *Contamination of Environmental Samples Prepared for PCB Analysis*. Environmental Science and Technology, 28:1838-1842, 1994
- ASTM, 2001. Standard Practice for Field Collection of Organic Compounds from Surfaces Using Wipe Sampling. Designation D6661-01. 2001.
- BETA, 2006. Letter Report. Letter to Scott Alfonse, City of New Bedford from D. Billo and A. Hanscom, The BETA Group, Incorporated. RE: Indoor Air Sampling, New Bedford High School. May 31, 2006.
- EPA, 2007. Letter to Scott Alfonse, City of New Bedford Department of Environmental Stewardship from Mary Sanderson, Branch Chief, Office of Site Remediation and Restoration, United States Environmental Protection Agency, Region 1, Boston, Massachusetts. October 3, 2007.
- EPA, 1996. United States Environmental Protection Agency, SW-846 Method 8082, Polychlorinated Biphenyls (PCBs) by Gas Chromatography, Revision 0, December 1996.
- Herrick et al, 2004 Herrick RF, McClean MD, Meeker JD, Baxter LK, and Weymouth GA. *An Unrecognized Source of PCB Contamination in Schools and Other Buildings*. Environmental Health Perspectives. Vol. 112, No. 10, July 2004.
- Kohler et al, 2002 Kohler M, Zennegg M, and Waeber R. *Coplanar Polychlorinated Biphenyls (PCB) in Indoor Air*. Environmental Science and Technology 36:4735-4740, 2002
- TRC, 2008. *Report on Cleaning of Air Handling Systems, Ductwork, and Surfaces. New Bedford High School, 230 Hathaway Boulevard, New Bedford, Massachusetts*. Prepared for: City of New Bedford. Prepared by: TRC Environmental Corporation, Lowell, Massachusetts. February 2008.
- TRC, 2007. E-Mail Message to Kimberly Tisa, Unites States Environmental Protection Agency and Scott Alfonse, City of New Bedford, Massachusetts from David M. Sullivan, TRC Environmental Corporation, Lowell, Massachusetts. RE: NBHS Site Recon – Wednesday 9/12/2007. E-Mail Issued: Thursday, September 13, 2007
- TRC, 2006a. *Report of Findings. New Bedford High School – Indoor Polychlorinated Biphenyls Sampling*. Prepared for: City of New Bedford. Prepared by:

TRC Environmental Corporation, Lowell, Massachusetts. November 17, 2006.

TRC, 2006b.

PowerPoint Presentation. August 2006 Polychlorinated Biphenyl Air and Bulk Sampling Results, New Bedford High School, New Bedford, Massachusetts. Presented by: TRC Environmental Corporation. Gary L. Ritter, CIH, CSP, CHMM; David M. Sullivan, LSP, CHMM, and Paul F. Arnold, PE. Presented August 31, 2006.

TABLES

**Table I
A-Block Materials Inventory
New Bedford High School
New Bedford, Massachusetts
1st Floor**

House *	Room Number	Wall Area ¹	Window Caulk ²	Window Glazing ³	Floor Area ⁴	4" Vinyl Cove Base ⁵	Push Pin Board Area ⁶	Cabinet Laminate ⁷	Floor Covering ⁸	Comments
		s.f.	l.f.	l.f.	s.f.	l.f.	s.f.	s.f.	type	
Blue House	A-117-4	537.8	55.5	140.5	739.1	115.1	33.3	186.0	coffee vinyl	
	A-116-4	548.3			728.9	116.6	33.3	142.1	coffee vinyl	
	A-115-4	499.6	23.2	51.5	726.7	112.0	33.3	171.1	grey vinyl	
	A-114-4	571.4			822.6	123.6	33.3	177.7	grey vinyl	
	A-113-4	600.3			830.3	124.2	29.9	181.1	grey vinyl	
	A-112-4	596.1	23.2	51.5	830.3	124.2	34.0	181.1	grey vinyl	
	A-111-4	584.9	32.3	89.0	824.3	123.8	41.7	181.1	grey vinyl	
	A-110-4	564.4	32.3	89.0	822.0	123.6	41.7	179.4	grey vinyl	
	A-105-4	1389.4	32.3	89.0	1246.3	444.0			neutral vinyl	eighteen 36x12x84 bookcase; 36x72 table
	A-103-4	1878.9	32.3	89.0	4352.0	264.0			white terazo	forty 29.5x96 folding tables; six 36" square tables; 31 ft. blue paint walls; 55 ft. painted acoustic panel walls; brick walls
men's	573.4	32.3	89.0	294.0	70.0			painting conc.	Rm. A-108-4; interior storage room a-109-4, 4x9'	
women's	374.7	32.3	89.0	126.0	45.0			painting conc.	Rm. A-107-4	
Tan House	A-117-3	516.9	55.5	140.5	739.1	115.1	33.3	183.6	coffee vinyl	
	A-116-3	495.6			728.9	116.6	33.3	137.0	coffee vinyl	
	A-115-3	499.6	23.2	51.5	726.7	112.0	33.3	171.1	coffee vinyl	
	A-114-3	571.4			822.6	123.6	33.3	177.7	coffee vinyl	
	A-113-3	600.3			830.3	124.2	29.9	181.1	coffee vinyl	
	A-112-3	596.1	23.2	51.5	830.3	124.2	34.0	181.1	coffee vinyl	
	A-111-3	584.9	32.3	89.0	824.3	123.8	41.7	181.1	coffee vinyl	
	A-110-3	564.4	32.3	89.0	822.0	123.6	41.7	179.4	coffee vinyl	
	A-105-3	1365.4	32.3	89.0	1229.6	444.0		27.9	neutral vinyl	eleven 36x12x84 bookcase
	A-103-3	1878.9	32.3	89.0	4352.0	264.0			white terazo	thirtynine 29.5x96 folding tables; four 36" square tables; 31 ft. tan paint walls; 55 ft. painted acoustic panel walls; brick walls
men's	573.4	32.3	89.0	294.0	70.0			painting conc.	Rm. A-108-3; interior storage room a-109-3, 4x9'	
women's	374.7	32.3	89.0	126.0	45.0			painting conc.	Rm. A-107-3	
Gold House	A-117-2	537.8	55.5	140.5	739.1	115.1	33.3	186.0	olive vinyl	
	A-116-2	548.3			728.9	116.6	33.3	142.1	tan vinyl	
	A-115-2	499.6	23.2	51.5	726.7	112.0	33.3	171.1	brown vinyl	
	A-114-2	571.4			822.6	123.6	33.3	177.7	tan vinyl	
	A-113-2	600.3			830.3	124.2	29.9	181.1	brown vinyl	
	A-112-2	596.1	23.2	51.5	830.3	124.2	34.0	181.1	brown vinyl	
	A-111-2	584.9	32.3	89.0	824.3	123.8	41.7	181.1	tan vinyl	
	A-110-2	574.5	32.3	89.0	824.9	123.8	33.3	179.4	olive vinyl	
	A-105-2	1347.7	32.3	89.0	1246.3	444.0	41.7	0.0	neutral vinyl	sixteen 36x12x84 bookcase; five 36x72 tables
	A-103-2	1878.9	32.3	89.0	4352.0	264.0			white terazo	thirtynine 29.5x96 folding tables; four 36" square tables; 31 ft. gold paint walls; 55 ft. painted acoustic panel walls; brick walls
men's	573.4	32.3	89.0	294.0	70.0			painting conc.	Rm. A-108-2; interior storage room a-109-2, 4x9'	
women's	374.7	32.3	89.0	126.0	45.0			painting conc.	Rm. A-107-2	
Green House	A-117-1	534.5	55.5	140.5	733.1	114.7	33.3	186.0	olive vinyl	wall AC unit
	A-116-1	520.0			728.9	116.6	33.3	142.1	tan vinyl	wall AC unit
	A-115-1	499.6	23.2	51.5	726.7	112.0	33.3	171.1	brown vinyl	
	A-114-1	571.4			822.6	123.6	33.3	177.7	brown vinyl	
	A-113-1	600.3			830.3	124.2	29.9	181.1	brown vinyl	
	A-112-1	596.1	23.2	51.5	830.3	124.2	34.0	181.1	brown vinyl	
	A-111-1	593.3	32.3	89.0	824.3	123.8	33.3	181.1	tan vinyl	
	A-110-1	615.6	32.3	89.0	824.9	123.8	33.3	179.4	olive vinyl	
	A-105-1	1344.2	32.3	89.0	1237.8	443.6	41.7		olive vinyl	wall AC unit, interior office five 36x72 tables
	A-103-1	1878.9	32.3	89.0	4352.0	264.0			white terazo	forty 29.5x96 folding tables; five 36" square tables; 31 ft. green paint walls; 55 ft. painted acoustic panel walls; brick walls
men's	573.4	32.3	89.0	294.0	70.0			painting conc.	Rm. A-108-1; interior storage room a-109-1, 4x9'	
women's	374.7	32.3	89.0	126.0	45.0			painting conc.	Rm. A-107-1	

Table 1
A-Block Materials Inventory
New Bedford High School
New Bedford, Massachusetts
2nd floor

House	Room Number	Wall Area	Window Caulk	Window Glazing	Floor Area	4" Vinyl Cove Base	Push Pin Board Area	Cabinet Laminate	Floor Covering	2nd tile		Comments
		s.f.	l.f.	l.f.	s.f.	l.f.	s.f.	s.f.	type	type	s.f.	
Blue House	A-227-4	580.8	55.5	140.5	814.7	157.4	117.7	392.0	tan vinyl	beige	407.1	1 interior bathroom, 362 s.f. blue carpet, newer; 1010 storage, half interior, half behind obsv. Room; 870 s.f. tan tile
	A-227-4-o	385.1			96.5	48.6			green carpet			
	A-226-4	465.1	23.2	51.5	222.3	61.2			blue/grey carp.			newer carpet
	A-225-4	743.6			461.5	121.6			slate vinyl	tan vinyl	91.7	2 interior rooms; 8030 table; bookshelf 721284 storage; tan tile
	A-223-4	409.9			146.3	49.0			tan vinyl			
	A-218-4	834.1	23.2	51.5	881.9	164.0	60.7	7.2	azure vinyl			3 interior offices, 1 closet; bookshelf 1928412
	A-217-4	563.3	32.3	89.0	672.0	108.4	65.0	111.7	tan vinyl			
	A-214-3	610.3	32.3	89.0	822.6	118.6	32.0	177.7	tan vinyl			
	A-213-4	661.0	32.3	89.0	830.3	119.2	28.7	181.1	tan vinyl			
	A-212-4	662.3	32.3	89.0	839.2	119.8	32.7	181.1	tan vinyl			
	A-210-4	583.2	32.3	89.0	833.8	119.4	48.3	179.4	tan vinyl			
	A-209-4	569.9	32.3	89.0	833.2	119.4	60.7	181.1	tan vinyl			
	A-208-4	936.4	23.2	51.5	882.7	119.6			blue vinyl			18 chairs
	A-207-4	534.9			194.9	63.2			paintred conc.			hvac
	A-206-4	239.2			54.0	29.6			brown vinyl			storage room, interior to 208-4
A-205-4	722.0	55.5	140.5	886.7	121.6		119.8	blue vinyl			9 foam chairs; bookshelf 2186011; bookshelf 16483120; kitchenette w/ small fridge; 32'3" tables	
A-204-4	341.1			116.3	43.6			blue vinyl				
A-203-4	892.2	55.5	140.5	970.3	125.6			blue vinyl			9,312.5 interior office, a-204-4; 15 old foam chairs	
Tan House	A-228-3	667.1	55.5	140.5	810.3	126.4	33.3	356.2	tan vinyl	beige	407.1	two 962348 cabinet; bookshelf 1104216; interior closet w/ sliding doors 11534.5
	A-227-3	541.0	55.5	140.5	505.8	97.6	48.0	112.6	tan vinyl			55' window heater; int stor rm 15383; cabinet 608024
	A-226-3	465.1	55.5	140.5	222.3	61.2			lt.brwn carp.			newer carpet; foam couch
	A-225-3	743.6	55.5	140.5	461.5	121.6			brown vinyl			2 interior rooms; ; 8030 table storage
	A-223-3	409.9	55.5	140.5	146.3	49.0			brown vinyl			storage
	A-218-3	834.1	55.5	140.5	881.9	164.0	60.7		beige vinyl			3 interior offices, 1 closet; bookshelf 1928412
	A-217-3	563.3	55.5	140.5	672.0	108.4	65.0	111.7	brown vinyl			
	A-214-3	610.3	55.5	140.5	822.6	118.6	32.0	177.7	tan vinyl			
	A-213-3	661.0	55.5	140.5	830.3	119.2	28.7	209.9	beige vinyl			
	A-212-3	662.3	55.5	140.5	839.2	119.8	32.7	181.1	tan vinyl			
	A-211-3	553.4	55.5	140.5	833.2	119.4	32.3	181.1	brown vinyl			
	A-210-3	583.2	55.5	140.5	833.8	119.4	48.3	179.4	tan vinyl			
	A-209-3	569.9	55.5	140.5	833.2	119.4	60.7	181.1	olive vinyl			
	A-208-3	936.4	55.5	140.5	882.7	119.6			green vinyl			18 chairs
	A-207-3	534.9	55.5	140.5	194.9	63.2			paintred conc.			hvac; paintred conc. floor
A-206-3	239.2	55.5	140.5	54.0	29.6			brown vinyl			storage room, interior to 205-3	
A-205-3	722.0	55.5	140.5	886.7	121.6		119.8	brown vinyl			6 foam chairs; bookshelf 2186011; bookshelf 16483120; kitchenette w/ small fridge; five 32'3" tables	
A-204-3	341.1	55.5	140.5	116.3	43.6			brown vinyl				
A-203-3	892.2	55.5	140.5	970.3	125.6			brown vinyl			9,312.5 interior office, a-204-3; 24 old foam chairs	
Gold House	A-227-2	970.1	55.5	140.5	1396.7	161.1	120.0	75.0	brown vinyl			nine 482484 cabinet; bookshelf 482484; interior storage room 229-2; si 7242 tables
	A-228-2	418.7	55.5	140.5	136.0	50.0			brown vinyl			
	A-229-2	336.0	55.5	140.5	98.4	40.6			brown vinyl			
	A-226-2	465.1	55.5	140.5	222.3	61.2			lt.brwn carp.			newer carpet
	A-225-2	743.6	55.5	140.5	461.5	121.6			peach vinyl	tan vinyl	91.7	2 interior rooms; 8030 table; bookshelf 721284, 361284 storage
	A-219-2	409.9	55.5	140.5	146.3	49.0			tan vinyl			
	A-218-2	764.9	55.5	140.5	881.9	118.8	84.7	7.2	beige vinyl			3 interior offices, 1 closet; bookshelf 1928412
	A-217-2	573.3	55.5	140.5	672.0	108.4	65.0	91.7	tan vinyl			
	A-214-2	610.3	55.5	140.5	822.6	118.6	32.0	177.7	olive vinyl			
	A-213-2	661.0	55.5	140.5	830.3	119.2	28.7	181.1	olive vinyl			cabinet 482460
	A-212-2	662.3	55.5	140.5	839.2	119.8	32.7	188.3	olive vinyl			
	A-211-2	553.4	55.5	140.5	833.2	119.4	32.3	181.1	olive vinyl			
	A-210-2	583.2	55.5	140.5	833.8	119.4	48.3	179.4	brown vinyl			
	A-209-2	569.9	55.5	140.5	833.2	119.4	60.7	181.1	olive vinyl			
	A-208-2	936.4	55.5	140.5	882.7	119.6			green vinyl			17 old foam chairs
A-207-2	534.9	55.5	140.5	194.9	63.2			paintred conc.				
A-206-2	239.2	55.5	140.5	54.0	29.6			gold vinyl				
A-205-2	787.0	55.5	140.5	886.7	121.6		30.4	gold vinyl			3 foam chairs; bookshelf 2186011; bookshelf 16483120; kitchenette w/ small fridge; five 32'3" tables	
A-204-2	341.1	55.5	140.5	116.3	43.6			gold vinyl				
A-203-2	892.2	55.5	140.5	970.3	125.6			gold vinyl			9,312.5 interior office, a-204-2; 25 old foam chairs	
Green House	A-228-1	1139.2	55.5	140.5	1377.2	181.9		113.2	tan vinyl			five 482484 cabinet; interior chef's kitchen
	A-227-1	111.7	55.5	140.5	23.3	50.0		212.1	tan vinyl			4 kitchens; two cabinet w/ wall oven 272484
	A-226-1	465.1	55.5	140.5	222.3	61.2			lt.brwn carp.			newer carpet
	A-225-1	743.6	55.5	140.5	461.5	121.6			green vinyl	tan vinyl	91.7	2 interior rooms; 8030 table; bookshelf 721284
	A-223-1	409.9	55.5	140.5	146.3	49.0			olive vinyl			storage
	A-218-1	764.9	55.5	140.5	881.9	118.8	84.7	21.6	verde vinyl			3 interior offices, 1 closet; bookshelf 1928412
	A-217-1	568.0	55.5	140.5	664.7	107.8	65.0	91.7	olive vinyl			
	A-214-1	610.3	55.5	140.5	822.6	118.6	32.0	192.1	tan vinyl			
	A-213-1	661.0	55.5	140.5	830.3	119.2	28.7	181.1	olive vinyl			
	A-212-1	662.3	55.5	140.5	839.2	119.8	32.7	181.1	olive vinyl			
	A-211-1	573.4	55.5	140.5	833.2	119.4	62.3	181.1	olive vinyl			
	A-210-1	583.2	55.5	140.5	833.8	119.4	48.3	179.4	tan vinyl			
	A-209-1	569.9	55.5	140.5	833.2	119.4	60.7	181.1	brown vinyl			
	A-208-1	936.4	55.5	140.5	882.7	119.6			neutral vinyl			18 old foam chairs
	A-207-1	534.9	55.5	140.5	194.9	63.2			paintred conc.			
A-206-1	239.2	55.5	140.5	54.0	29.6			tan vinyl				
A-205-1	787.0	55.5	140.5	886.7	121.6		30.4	verde vinyl			7 foam chairs; bookshelf 2186011; bookshelf 16483120; kitchenette w/ small fridge; five 32'3" tables	
A-204-1	341.1	55.5	140.5	116.3	43.6			verde vinyl				
A-203-1	892.2	55.5	140.5	970.3	125.6			verde vinyl			9,312.5 interior office, a-204-1; 13 old foam chairs	

**Table 1
A-Block Materials Inventory
New Bedford High School
New Bedford, Massachusetts
3rd floor**

House*	Room Number	Wall Area ¹	Window Caulk ²	Window Glazing ³	Floor Area ⁴	4" Vinyl Cove Base ⁵	Push Pin Board Area ⁶	Cabinet Laminate ⁷	Floor Covering ⁸	Room Divider ¹⁰	Comments
		s.f.	l.f.	l.f.	s.f.	l.f.	s.f.	s.f.	type	l.f.	
Blue House	A-319-4	588.6	55.5	140.5	877.5	124.8	59.7	495.6	tan vinyl		
	A-318-4	540.4	55.5	140.5	843.4	122.4	59.7	297.2	tan vinyl		
	A-316-4	699.1	23.2	51.5	838.9	119.2	30.6	142.2	blue vinyl		
	A-315-4	615.0	32.3	89.0	827.3	119.2	30.6	177.6	blue vinyl		
	A-312-4	609.0	32.3	89.0	820.2	118.6	33.3	173.7	tan vinyl		
	A-311-4	659.8	32.3	89.0	823.4	119.2	29.9	177.0	tan vinyl	26.6	
	A-310-4	660.9	32.3	89.0	836.8	119.8	34.0	393.0	tan vinyl	26.6	
	A-309-4	552.1	32.3	89.0	830.8	119.4	33.7	177.0	tan vinyl		
	A-308-4	530.8	32.3	89.0	831.4	119.4	33.7	175.4	tan vinyl		
	A-307-4	523.5	32.3	89.0	819.3	118.6	33.7	176.0	brown vinyl		
	A-306-4	605.0	23.2	51.5	841.8	119.4	33.7	142.9	tan vinyl		
	A-304-4	547.9	55.5	140.5	850.4	122.6	59.7	474.8	tan vinyl		
A-303-4	589.4	55.5	140.5	877.8	124.8	59.7	552.2	tan vinyl			
Tan House	A-319-3	589.4	55.5	140.5	877.8	124.8	59.7	523.4	tan vinyl		
	A-318-3	540.4	55.5	140.5	843.4	122.4	59.7	362.0	tan vinyl		
	A-316-3	699.1	23.2	51.5	838.9	119.2	30.6	149.4	beige vinyl		
	A-315-3	615.0	32.3	89.0	827.3	119.2	30.6	177.6	lt. tan vinyl		
	A-312-3	609.0	32.3	89.0	820.2	118.6	33.3	173.7	tan vinyl		
	A-311-3	659.8	32.3	89.0	823.4	119.2	29.9	177.0	tan vinyl	26.6	
	A-310-3	660.9	32.3	89.0	836.8	119.8	34.0	177.0	tan vinyl	26.6	
	A-309-3	552.1	32.3	89.0	830.8	119.4	33.7	177.0	tan vinyl		
	A-308-3	530.8	32.3	89.0	831.4	119.4	33.7	175.4	tan vinyl		
	A-307-3	523.5	32.3	89.0	819.3	118.6	33.7	176.0	tan vinyl		
	A-306-3	605.0	23.2	51.5	841.8	119.4	33.7	142.9	tan vinyl		
	A-304-3	547.9	55.5	140.5	850.4	122.6	59.7	510.8	tan vinyl		
A-303-3	589.4	55.5	140.5	877.8	124.8	59.7	516.2	tan vinyl			
Gold House	A-319-2	589.4	55.5	140.5	877.8	124.8	59.7	516.2	tan vinyl		
	A-318-2	538.7	55.5	140.5	840.5	122.2	59.7	520.4	brown vinyl		
	A-316-2	699.1	23.2	51.5	838.9	119.2	30.6	142.2	tan vinyl		
	A-315-2	643.3	32.3	89.0	827.3	119.2	30.6	177.6	green vinyl		
	A-312-2	609.0	32.3	89.0	820.2	118.6	33.3	173.7	tan vinyl		
	A-311-2	659.8	32.3	89.0	823.4	119.2	29.9	177.0	tan vinyl	26.6	
	A-310-2	660.9	32.3	89.0	836.8	119.8	34.0	177.0	tan vinyl	26.6	
	A-309-2	552.1	32.3	89.0	830.8	119.4	33.7	177.0	brown vinyl		
	A-308-2	530.8	32.3	89.0	831.4	119.4	33.7	175.4	tan vinyl		
	A-307-2	523.5	32.3	89.0	819.3	118.6	33.7	176.0	tan vinyl		
	A-306-2	605.0	23.2	51.5	841.8	119.4	33.7	142.9	tan vinyl		
	A-304-2	546.1	55.5	140.5	847.4	122.4	59.7	496.4	tan vinyl		
A-303-2	589.4	55.5	140.5	877.8	124.8	59.7	516.2	brown vinyl			
Green House	A-319-1	589.4	55.5	140.5	877.8	124.8	59.7	307.4	brown vinyl		
	A-318-1	540.4	55.5	140.5	843.4	122.4	59.7	484.4	tan vinyl		
	A-316-1	700.9	23.2	51.5	841.8	119.4	30.6	142.2	green vinyl		
	A-315-1	609.8	32.3	89.0	818.4	118.6	30.6	177.6	green vinyl		4 large wipe boards
	A-312-1	609.0	32.3	89.0	820.2	118.6	33.3	180.9	tan vinyl		
	A-311-1	659.8	32.3	89.0	823.4	119.2	29.9	177.0	brown vinyl	26.6	
	A-310-1	660.9	32.3	89.0	836.8	119.8	34.0	177.0	brown vinyl	26.6	
	A-309-1	552.1	32.3	89.0	830.8	119.4	33.7	393.0	tan vinyl		
	A-308-1	530.8	32.3	89.0	831.4	119.4	33.7	175.4	tan vinyl		
	A-307-1	523.5	32.3	89.0	819.3	118.6	33.7	176.0	tan vinyl		
	A-306-1	599.7	23.2	51.5	832.9	118.8	33.7	142.9	tan vinyl		
	A-304-1	547.9	55.5	140.5	850.4	122.6	59.7	503.6	brown vinyl		
A-303-1	589.4	55.5	140.5	877.8	124.8	59.7	314.6	tan vinyl			

Table 1
A-Block Materials Inventory
New Bedford High School
New Bedford, Massachusetts

Notes:

- 1 Wall Area assumes the entire wall is painted, less the area taken up by windows, doors, blackboards, push pin boards, heaters or cabinetry.
 - 2 Window Caulk is the interior perimeter of the entire window unit.
 - 3 Window Glazing is the interior perimeter of each pane of glass in a window unit.
 - 4 Floor Area assumes the entire floor is covered uniformly, less the area taken up by heaters, cabinetry or wall protrusions, unless otherwise noted.
 - 5 Vinyl Cove Base assumes the perimeter of the room is lined with cove base. Linear footage is not adjusted for cabinets, doors or wall protrusions.
 - 6 Push Pin Board does not account for an approximately 3" strip along the top of most blackboards.
 - 7 Cabinet Laminate assumes the front and top of all low and high counters, the front and one side of closets, and the front and two sides of wall cabinets are laminated.
 - 8 Floor Covering assumes the majority of the floor covering material is uniform, unless otherwise noted.
 - 9 2nd Tile indicates the presence of a different vinyl floor tile in significant quantity.
 - 10 Room Divider indicates the presence of a full height metal panel room divider.
- s.f. square feet
l.f. linear feet
- * The A-Block is divided into four houses that are distinguished by wall color

Table 2
B-Block Materials Inventory
New Bedford High School
New Bedford, Massachusetts

Room Number	Wall Area ¹	Window Caulk ²	Window Glazing ³	Floor Area ⁴	4" Vinyl Cove Base ⁵	Push Pin Board Area ⁶	Cabinet Laminate ⁷	Floor Covering ⁸	Comments
	s.f.	l.f.	l.f.	s.f.	l.f.	s.f.	s.f.		
First Floor									
B-111	452.1			180.9				old blue paint	3 old foam chairs; blue walls
B-109	734.5	32.3	89	555.4	97.4			mint vinyl	blue walls
B-107	1154.02			1,192				blue paint	servicing area; blue walls; 8x13.7, 3 doors, nook off of cafeteria
B-106	836.5			383.4				green paint	storage; interior room; blue walls
B-132	720.7			546				tan paint	dishwashing; tan walls
B-131	1182			1,295				tan paint	servicing area; tan walls
B-129	1047.967	32.3	89	1,150	138			beige vinyl	tan walls; base cove
B-127	1,186			1,258				gold paint	servicing area; gold walls; 8x13.7, 3 doors, nook off of cafeteria
B-106a	836.5			383.4				green paint	storage; interior room; B-106 divided in two
B-122	720.7			546				green paint	dishwashing; green walls
B-118	1,182			1,295				green paint	servicing area; green walls
B-116	836			531					computer room
B-115	897.6			634.25					next to computer room
B-114	nm			nm					large odd-shaped mechanical room; drawings poor quality
B-154	2,110			3,482				tan paint	kitchen; gold walls; interior B-139 19x11
B-155	2,773			2,337				green paint	kitchen storage; green walls;
B-139	506.7			209				tan paint	storage; interior to B-154; blue walls
B-145	700.3			294				tan paint	women's lockers; interior to B-154; bathroom; lockers; blue walls
B-157	471.5			160				tan paint	office off of kitchen; tan walls
B-148	506.5			243				tan paint	151" corkboard; tan walls
B-147	763.3			549.7				tan paint	wash room; green walls; lockers 156"x80"
B-110	6,240	32.3	89	32,136	720			olive vinyl	cove base; blue walls
men's room	792			350				blue paint	blue walls
Second Floor									
B-210	683.5	32.3	89	832.9	120.2	29.2	210.4	peach vinyl	one 48" round table; blue walls
B-211	751.7	64.6	178	975.0	129.6	22.2	83.9	brown vinyl	four cabinets 48x22x84; blue walls
B-212	705.2	64.6	178	911.3	122	33.3	118.2	beige vinyl	two 36x22x84 cabinet; 145x24 laminate top table; blue walls
B-213	645.6	32.3	89	566.1	98.4	12.5	0	coffee vinyl	3 interior office 22.5x10; one interior closet 5.2x11 partially covering 3 panes of window; two 48x22x84; blue walls
B-217	1,184			816.7	168.6	61.1	107.8	olive vinyl	two 20x3x13 metal wall heaters; one 24x22x84 closet; 1 interior office b-225, 1 interior file storage w/ 100x121 beige vinyl, 2 interior bathrooms w/ blue paint floor; blue wall paint
B-225	501.6			170	57		0		blue paint, nurse's office
B-226	869.4			819.6	116	20.8	72	new carpet	planetarium 1 metal door; new blue pattern carpet 42.5' center of ceiling; perforated metal dome ceiling; blue walls
prep	537.6			263.9	78.5		101.3	brown vinyl	shared b-226, b-229; 2 rooms; blue walls
B-229	729.4	32.3	89	816.5028	118.6	51.0	61.8	tan vinyl	shared interior prep room w/ b-226; two cabinets 48x22x84; one cabinets 24x22x84; three lab benches 158x50x36; blue walls
B-230	780.0	32.3	89	866.9	118.6	33.3	0	green vinyl	shared interior prep room w/ b-318; cabinets 132x22x84; 36x72 lab table; blue walls
B-240	765.8	32.3	89	881.3	122.6	34.7	113.1	brown vinyl	five cabinets 48x22x84; four 36x22x84 shelves; shared prep room w/ b-242; blue walls
prep	305.8			105.4	42		0	tile mastic	prep room between b-240 and b-242; tile removed, possibly brown vinyl previously; blue walls
B-242	831.8	32.3	89	926.5	122.6	33.3	0	brown vinyl	five cabinets 48x22x84; three 36" base cabinets; 25' of kitchen counter w/ base cab; shared prep room w/ b-240; blue walls
B-252	533.1			127.7	63		0	tan vinyl	storage; tan paint
B-253	945.2	32.3	89	972.3	127.6	33.3	144.9	coffee vinyl	two cabinets 36x22x84; divider wall; blue walls
B-254	816.8	32.3	89	897.8	122.6	33.3	1,657	coffee vinyl	two cabinets 36x22x84; divider wall; one 36x12x84; blue walls
B-255	568.3			151.3	67		0	tan vinyl	storage; blue walls
B-265	785.8	32.3	89	906.3	122.6	34.0	52.1	coffee vinyl	prep room w/ b-267; two cabinets 48x22x84; one 36x12x84 bookshelf; blue walls
prep	402.2			142.4	56		81.3	green paint	prep room between b-265 and b-267; blue walls
B-267	817.2	32.3	89	927.7	122.6	33.3	0	beige vinyl	prep room w/ b-265; five 22x180" 6 stall listening corrals; green carpet dais, 74x180; three 30x60 tables; blue walls
B-290	2040			691.7	102		0	grey paint	studio; black paint, green paint for chromakey;
B-291	791.7			581.1	98.6	33.3	72	grey vinyl	production room; raised anti-static floor;
B-292	1,144			1,102	149	103.5	0	tan carpet	thirtyseven 38x10x82 shelves; two 36x10x72 shelves, one 109x23x42; 1 metal door; blue walls
B-293A	577.1			281.2	68		72	brown vinyl	divider 19.8'; wood paneling 19.8; 36x72 table; blue walls
B-293	517.7			306.7	74	20.8	82.6	brown vinyl	divider 19.8'; 1 adjacent room???
B-272	777.4			536.4	95.6		72	brown vinyl	two 48x22x84 closets; wall AC unit; 164x26x36 free counter; blue walls
B-274	613.9			323.3	74.6		0	brown vinyl	blue walls
B-275	997			633.8	124		15.3	tan carpet	nineteen 36x12x82 bookshelves; three 36x72 desks, 72" detached high counter; 59x24x39 counter; blue walls
B-281	364.1			119.8	43.8		0	purple carpet	newer purple carpet; blue walls
B-280	364.1			119.8	43.8		72	purple carpet	newer purple carpet; blue walls
B-279	364.1			119.8	43.8		0	purple carpet	newer purple carpet; blue walls
B-284	950.4			640.1	108		0	green carpet	bank; new green pattern carpet; bookstore

Table 2
B-Block Materials Inventory
New Bedford High School
New Bedford, Massachusetts

Room Number	Wall Area ¹	Window Caulk ²	Window Glazing ³	Floor Area ⁴	4" Vinyl Cove Base ⁵	Push Pin Board Area ⁶	Cabinet Laminate ⁷	Floor Covering ⁸	Comments
	s.f.	l.f.	l.f.	s.f.	l.f.	s.f.	s.f.		
B-285	807.9			846.7	119.2	33.3	172.8	brown vinyl	two 36x22x84 closets; two 48x22x84 glass top closets; 160x25x30 counter; 25 desk 1s in hallway outside, possibly belong in this room
storage	312.7			105.5	42.8		0	brown vinyl	storage room off b-285, doors to bank and bookstore?
B-288	723			408.3	87		0	beige vinyl	divider 29.8'; two 36x72 tables
B-287	739.1			542.4	96		0	beige vinyl	three 48x22x84; one 36x22x84 closet; two 36x12x84 bookshelves; one 3 stall 7' corral; blue walls
B-295*	1,667			2,959	204		0	red carpet	newer red carpet; forty-nine 36x12x82 bookshelves; 308x25x39 counter; 48x96 table; four 36x72 tables; one 4 stall corral; five 48" tables; twentyseven 36x24x60 bookshelves; center open to skylight
bookstore				441				brown vinyl	odd shape; next to bank; seven 4'x6' cubicle panels; 5'x11' window to hallway; blue walls
Third Floor									
B-309	824.9	32.3	89	786.3	138.2	33.3	180.0	brown vinyl	vent hood; shared interior prep room w/ b-311; two cabinets 36x22x84; 30x60 table
B-311	862.3	64.6	178	919.0	145	33.3	86.8	brown vinyl	shared interior prep room w/ b-309; two cabinets 48x22x84
prep	391.0			150.2			84.8	green paint	two cabinets 36x22x84; blue walls
B-312*	696.4	64.6	178	917.7	122	68.1	30.5	brown vinyl	five 36x22x84 cabinet; 30x60 table; blue walls
B-313	854.3	43.1		858.0	118			beige vinyl	part of b-313; blue walls
B-313A	737.9			562.1	98.4		36.4	beige vinyl	part of b-313; 1 interior office 10.5x7.2, 2 interior bathrooms 4.6x5.8; blue walls
B-317+	800.8			432					storage; blue walls
B-318	923.7	32.3		911.4	147.6	25.0	231.3	tan vinyl	shared interior prep room w/ b-320; cabinets 204x22x84; 36x72 lab table; blue walls
prep	369.0		89	140.2			116.8	green paint	interior prep room whared w/ b-318 and b-320; blue walls
B-320	840.3017	32.3	89	791.0	138.2	33.3	182.2	brown vinyl	shared interior prep room w/ b-318; cabinets 132x22x84; 36x72 lab table; blue walls
B-330	789.6	32.3	89	819.7	132.6	34.0	202.5	tan vinyl	shared interior prep room w/ b-332; three cabinets 48x22x84;
prep	372.2			142.4			111.3	green paint	prep room shared w/ b-330 and b-332; blue walls
B-332	811.1	32.3	89	819.7	132.6	12.5	202.5	tan vinyl	shared interior prep room w/ b-330; three cabinets 48x22x84;
B-342	862.0	32.3		855.3	137.6	34.0	258.8	tan vinyl	shared room w/ b-344; two cabinets 48x22x84; one 36x22x84
prep	545.1		89	249.9975			125.3	green paint	blue walls
B-344	777.8	32.3	89	780.8	132.6	12.5	258.8	tan vinyl	shared room w/ b-342; two cabinets 48x22x84; one 36x22x84
B-354	701.6	32.3		819.7	122.6	34.0	202.5	tan vinyl	shared interior prep room w/ b-356; three cabinets 48x22x84;
prep	402.2		89	142.4			81.3	green paint	prep room between b-342 and b-344; blue walls
B-356	723.1	32.3		819.7	122.6	12.5	202.5	tan vinyl	shared interior prep room w/ b-354; three cabinets 48x22x84;
B-363	1,105		89	1,191	141.6		72.0	tan vinyl	prep room ; desk 1976x16; three 6" tiers, approx. 60% of floor; 167' of 6" cove; blue walls
B-374*	321.9			62.4	39			tan vinyl	triangle, b=143, h=128; blue walls
B-366*	513.7			231.0	60.8			tan vinyl	storage; triangle, b=180, h=284; metal door; blue walls
B-367	1,115			917.3		25.7	83.5	aqua paint	shared interior prep room w/ b-369; four cabinets 48x22x84; two 60" hoods; blue walls
prep	476.9			221.3			83.0	aqua paint	closet 70x19x84; blue walls
B-369	1,115			917.3		25.7	83.5	aqua paint	shared interior prep room w/ b-367; four cabinets 48x22x84; two 60" hoods; blue walls
B-370	550.7			227.4			118.0	aqua paint	prep room; one cabinet 48x22x84; two 36x22x84 cabinets
B-371	1259.992			1,706		66.7	207.6	aqua paint	gas lab bench 1008x56x36; four 5' hoods; ten 48x22x84 closets;
B-372	613.3989			422.2	82.2	33.3		beige vinyl	blue walls
B-373	330.7			99				aqua paint	storage; metal door; blue walls
B-362	1,105			1,191	141.6		72.0	tan vinyl	prep room ; desk 1976x16; three 6" tiers, approx. 60% of floor; 167' of 6" cove; blue walls
B-361*	309.6			88.4	37.6			tan vinyl	triangle, b=143, h=128; blue walls
B-375*	1,643	69	594	2,616	273		0.0	green carpet	metal doors; ten corral 1s; thirty seven 36x12x84; three 48" round tables; two 96x48 tables; four 60x36 tables; three 107x2x42 bookshelves; two 48x22x84 closets; fiftyfour b=44" triangle windows; hexagonal half wall, 11.5' sides; blue walls

Table 2
B-Block Materials Inventory
New Bedford High School
New Bedford, Massachusetts

Notes:

- 1 Wall Area assumes the entire wall is painted, less the area taken up by windows, doors, blackboards, push pin boards, heaters or cabinetry.
 - 2 Window Caulk is the interior perimeter of the entire window unit.
 - 3 Window Glazing is the interior perimeter of each pane of glass in a window unit.
 - 4 Floor Area assumes the entire floor is covered uniformly, less the area taken up by heaters, cabinetry or wall protrusions, unless otherwise noted.
 - 5 Vinyl Cove Base assumes the perimeter of the room is lined with cove base. Linear footage is not adjusted for cabinets, doors or wall protrusions.
 - 6 Push pin Board does not account for an approximately 3" strip along the top of most blackboards.
 - 7 Cabinet Laminate assumes the front and top of all low and high counters, the front and one side of closets, and the front and two sides of wall cabinets are laminated.
 - 8 Floor Covering assumes the majority of the floor covering material is uniform, unless otherwise noted.
- * Room dimensions were scaled off the HVAC plan.
+ Room was not accessible, dimensions were scaled off the HVAC plan.

s.f. square feet

l.f. linear feet

Table 3
C-Block Materials Inventory
New Bedford High School
New Bedford, Massachusetts

Room Number	Wall Area ¹	Window Caulk ²	Window Glazing ³	Floor Area ⁴	4" Vinyl Cove Base ⁵	Cabinet Laminate ⁷	Floor Covering ⁸	Comments
	s.f.	l.f.	l.f.	s.f.	l.f.	s.f.		
C-216	907.9			795.2	113.6	11.1	tan carpet	main office; yellow walls; additional file room, no access
C-218	611.0			258.4	72.6	11.1	brown vinyl	two 48x22x84; off of main office; yellow wall
C-217	277.9			72.0	34.0		olive	green wall; off of main office
C-209	659.5	32.3	89.0	462.4	86.8		grey carpet	headmaster secretary, grey carpet, beige walls
C-210	502.9	32.3	89.0	293.5	69.0		carpet	headmaster
C-208	656.2	32.3	89.0	430.4	84.0		carpet	conf. room
C-207	478.4	23.2	51.5	242.4	63.0		brown carpet	assist. Headmaster; brown/wine carpet
C-206	502.9	32.3	89.0	294.5	69.0		white terrazo	15.9 ft. interior glass wall
C-211	286.7			66.0	35.0			storage
C-219	489.1			194.3	58.0			vault
C-205	346.0			136.0	49.0		white terrazo	vestibule; brick walls
C-203*	564.6			237.5	69.0			bathrooms
C-220	334.4			88.0	38.0			next to bookstore
C-222	422.4			128.0	48.0		white terrazo	bookstore
men's*	207.5			41.3			blue conc.	blue paint, blue conc. Floor
ladies*	207.5			41.3				

Notes:

- 1 Wall Area assumes the entire wall is painted, less the area taken up by windows, doors, blackboards, pushpin boards, heaters or cabinetry.
- 2 Window Caulk is the interior perimeter of the entire window unit.
- 3 Window Glazing is the interior perimeter of each pane of glass in a window unit.
- 4 Floor Area assumes the entire floor is covered uniformly, less the area taken up by heaters, cabinetry or wall protrusions, unless otherwise noted.
- 5 Vinyl Cove Base assumes the perimeter of the room is lined with cove base. Linear footage is not adjusted for cabinets, doors or wall protrusions.
- 6 Pushpin Board does not account for an approximately 3" strip along the top of most blackboards.
- 7 Cabinet Laminate assumes the front and top all low and high counters, the front and one side of closets, and the front and two sides of wall cabinets are laminated.
- 8 Floor Covering assumes the majority of the floor covering material is uniform, unless otherwise noted.

* Room

s.f. square feet

l.f. linear feet

**Table 4
D-Block Materials Inventory
New Bedford High School
New Bedford, Massachusetts**

Room Number	Wall Area ¹	Window Caulk ²	Window Glazing ³	Floor Area ⁴	4" Vinyl Cove Base ⁵	Push Pin Board Area ⁶	Cabinet Laminate ⁷	Floor Covering ⁸	Comments
	s.f.	l.f.	l.f.	s.f.	l.f.	s.f.	s.f.		
First Floor									
D-132	1,039	21.5	59.3	740.1	111.4	50.3		olive vinyl	four 48x22x84 closet; mint wall; one desk 1; 12 36x73 tables
D-131	454.4			201.6	56.8				one desk 1; tan walls
D-136	1,624	10.8	29.7	1,703	165.8	100.0		olive vinyl	nine 48"x24x84" closets; wall a/c unit
D-137	1,892			621.6	279.6			olive vinyl	interior room is d-134
D-138	390.3	10.8	29.7	218.4	59.2			brown vinyl	
D-139	363.1	10.8	29.7	215.3	58.8			brown vinyl	wall a/c unit
D-142	207.9			60.9	31.4			brown vinyl	firing range control room
D-143	2,124			2,183	192.0	20.8		unpainted conc	firing range, interior gun locker.
D-144	883.4			490.6	133.6			olive vinyl	2 air handling units
D-121	1,105			1,387	189.1	95.1		red paint	interior storage area; green walls
D-126	445.6			88.2	40.6			blue paint	custodian; blue walls
D-124	902.3	21.5	59.3	794.4	116.6	133.0		olive vinyl	shop; hood; green walls
D-123	592.8			177.5	53.4			coffee vinyl	gold walls,;
D-125	661.5			245.7	63.0	20.8		olive vinyl	storage; lawn mowers and parts; green walls
D-128	460.0			84.0	40.0			olive vinyl	green walls
D-120	819.4			596.8	100.0		12.5	brown vinyl	36x12x60 book case; 21.8 wall has fiber paneling, 193 s.f.
D-116	2,510	21.5	59.3	3,524	238.0	29.2		red/green paint	auto shop; 2 interior rooms, d-115, d-118; acoustic panel ceiling; large oily compressor; tan walls; suspended air handler; garage door
D-118	606.6			178.2	54.6				tan walls
D-115	373.4			160.0	52.0			tan	beige walls
D-112	1,824	10.8	29.7	1,748	174.0	25.0		pebble vinyl	green walls; suspended air handler; interior d-114
D-114	445.9			192.0	58.4			pebble vinyl	beige walls
D-113	1,920	15.5	34.3	1,315	182.1	33.3		pebble vinyl	green walls; interior storage closet 8x10; suspended air handler; 222" wipe board; next to d-112, likely originally part of d-112
D-110	1,820	7.7	17.2	1748.3	174.0	20.8		olive paint	wood shop; green walls; suspended air handler; shared interior paint room w/ d-106; interior storage d-111; interior shared office b-109 w/ d-106
D-109	378.2			163.0	52.6			tan carpet	yellow walls;
D-111	338.7			125.0	45.0			olive paint	storage; interior to d-110; beige walls
Paint Room	655.5			195.5	57.0			olive paint	interior shared paint room w/ spray booth; used as storage
D-106	2,122	15.5	34.3	2,453	199.4			olive paint	wood shop; green walls; suspended air handler; shared interior paint room w/ d-110; two interior storage and mechanical/elevator closet (door in hall) 34.2x11; exterior storage room, no access;
D-145*	2,280			4,307					hallway outside has 555 s.f. of fiber paneling

**Table 4
D-Block Materials Inventory
New Bedford High School
New Bedford, Massachusetts**

Room Number	Wall Area ¹	Window Caulk ²	Window Glazing ³	Floor Area ⁴	4" Vinyl Cove Base ⁵	Push Pin Board Area ⁶	Cabinet Laminate ⁷	Floor Covering ⁸	Comments
	s.f.	l.f.	l.f.	s.f.	l.f.	s.f.	s.f.		
Second Floor									
D-205	1,458	96.9	267.0	2,616	206.0		0.0	tan vinyl	3 storage rooms: 2 on south side first 9.5'x10' w/ 2 dr, green walls, terrazo floor second 6.5'x10' w/ 1 dr, tan vinyl floor, gold walls, no access to storage room on north side.
D-213	833.7	64.6	178.0	977.6	138.0		217.3	brown vinyl	two 84x23x48 cabinet; gold walls
D-214	491.7	21.5	59.3	235.0	72.0	48.6	127.0	green carpet	one 84x23x36 cabinet, one 84x23x48 cabinet; beige walls
D-214A	350.1	21.5	59.3	111.0	42.2		0.0	green carpet	room not on plan, 11.1'x10'; beige walls
D-215	695.1	64.6	178.0	981.8	138.0	158.0	193.8	tan vinyl	2 cabinets 48"x84"x20; beige walls
D-216	682.8	64.6	178.0	975.1	138.0	158.0	208.8	tan vinyl	2 cabinets 48"x84"x20; gold walls
D-217	362.2	21.5	59.3	128.3	46.0		0.0	olive vinyl	green walls
D-218	694.7	64.6	178.0	990.4	138.0	121.5	252.0	tan vinyl	"lab bench" with stainless steel top (54"x54"); 144" laminated wall table; two 48"x84"x24" cabinets; beige walls
D-219	712.6	21.5	59.3	345.0	94.0		127.0	green carpet	two 48"x84"x24" cabinets; gold walls
D-220	764.6	64.6	178.0	1,033	138.0	116.7	148.9	tan vinyl	four 48"x84"x24" cabinets; "lab bench" with stainless steel top (54"x54"); 144" wall table (as in 218); 48"x30" high counter in middle of floor; 84"x42"x32" raised area in corner of room.
D-221	694.8	21.5	59.3	352.5	77.0		0.0	olive vinyl	no drop ceiling; green walls
D-222	906.9	32.3	89.0	821.0	119.0		61.0	brown vinyl	four 36"x84"x24" cabinets; 13 - 108"x48" hard foam panels on walls; dark room at rear with faux wood paneling; beige walls
D-224	664.3	64.6	178.0	746.9	115.0	50.3	198.6	tan vinyl	two 48"x84"x24" cabinets; one 36"x84"x24" cabinets; "lab bench" with stainless steel top (54"x54"); four book shelves 84"x36"x12"; tan walls
ticket booth	461.8	21.5	59.3	206.2	63.2		5.9	brown vinyl	two ticket windows; beige walls
D-257	1,430			4,968	266.0			tan paint	auditorium; 1214 blue foam seats; 1430 s.f. acoustical panels gold; newer blue carpet; 4,968 s.f. brown paint floor; 266 l.f. cove base; brick walls
D-308	692.9	21.5	59.3	426.3	86.0			olive vinyl	projection room; green paint; d-308 interior mechanical room 5.5x6.5;
D-304	680.4	21.5	59.3	474.2	101.6			tan	gold walls; interior d-401 10x6.5
D-302	508.1	21.5	59.3	263.5	65.0			olive vinyl	green walls
D-301	515.5	21.5	59.3	232.5	61.0			tan vinyl	blue walls
D-xxx	363.9	21.5	59.3	118.6	44.0		3.4	grey paint	storage next to d-224; 20" small heater; three 48x12x84 bookshelves; beige walls; room number unknown
D-226	423.3	21.5	59.3	158.5	51.0			olive vinyl	green walls
D-225	868.8	32.3	89.0	775.5	113.0			tan vinyl	tan walls; 60x30x9 book shelves on wall
D-228	348.3	21.5	59.3	94.3	42.0			green paint	storage next to d-225; green walls

Table 4
D-Block Materials Inventory
New Bedford High School
New Bedford, Massachusetts

Room Number	Wall Area ¹	Window Caulk ²	Window Glazing ³	Floor Area ⁴	4" Vinyl Cove Base ⁵	Push Pin Board Area ⁶	Cabinet Laminate ⁷	Floor Covering ⁸	Comments
	s.f.	l.f.	l.f.	s.f.	l.f.	s.f.	s.f.		
D-227	517.7	32.3	89.0	439.2	86.0	41.7	90.6	olive vinyl	next to d-225; green walls; large metal vent hood; 48x22x60
D-232	494.8	32.3	89.0	407.3	85.0	42.4	95.7	olive vinyl	55x55 island; one 48x22x84, two 36x22x84 closets; 48x22x60 closet; beige walls
D-235	1,525	64.6	178.0	2,412	197.0			brown vinyl	seven 36x22x84; 184.2 l.f. 6" cove base; 1312 s.f. acoustical panels gold; 3 tier floor; beige wall
D-236	272.6	21.5	59.3	65.5	33.4			olive vinyl	practice room; 147 s.f. acoustic panels tan; tan walls
D-237	272.6	21.5	59.3	65.5	33.4			tan vinyl	practice room; 147 s.f. acoustic panels tan; tan walls
D-238	272.6	21.5	59.3	65.5	33.4			tan vinyl	practice room; 147 s.f. acoustic panels tan; tan walls
D-239	273.0	21.5	59.3	55.8	35.0		23.3	tan vinyl	practice room; 147 s.f. acoustic panels tan; 92 s.f. acoustical panels tan; tan walls
D-240*	580.8			271.3	66.0				ensemble; tan walls
D-241	854.3	32.3	89.0	945.0	124.0	25.0		tan vinyl	21 - 106"x32" acoustic panels on walls, tan walls
D-242	599.3	32.3	89.0	418.6	88.6		99.0	beige vinyl	tan walls
D-245	2,068	32.3	89.0	1,328	149.0			brown vinyl	28 - 177"x32" acoustic panels (1100 sf) on walls, beige walls; six 48 cabinets
D-250	540.0			1,372	107.0				540 s.f. acoustic panels tan; brick wall; two storage closets d-247 and D-249, blue walls, 16.6 x 7.3 each, 8' ceiling; control room D-248 blue walls, tan vinyl 227 s.f.; 2 doors, 3 holes, 96" ceiling
D-255	273.2	21.5	59.3	160.2	62.2			olive vinyl	police office; blue walls
D-208	489.9	21.5	59.3	283.5	75.0			blue carpet	new blue carpet, same as auditorium; green walls

Notes:

- 1 Wall Area assumes the entire wall is painted, less the area taken up by windows, doors, blackboards, pushpin boards, heaters or cabinetry.
 - 2 Window Caulk is the interior perimeter of the entire window unit.
 - 3 Window Glazing is the interior perimeter of each pane of glass in a window unit.
 - 4 Floor Area assumes the entire floor is covered uniformly, less the area taken up by heaters, cabinetry or wall protrusions, unless otherwise noted.
 - 5 Vinyl Cove Base assumes the perimeter of the room is lined with cove base. Linear footage is not adjusted for cabinets, doors or wall protrusions.
 - 6 Pushpin Board does not account for an approximately 3" strip along the top of most blackboards.
 - 7 Cabinet Laminate assumes the front and top all low and high counters, the front and one side of closets, and the front and two sides of wall cabinets are laminated.
 - 8 Floor Covering assumes the majority of the floor covering material is uniform, unless otherwise noted.
- * Room dimensions were scaled off the HVAC plan.

s.f. square feet

l.f. linear feet

Table 5
E F Blocks Materials Inventory
New Bedford High School
New Bedford, Massachusetts

Room Number	Wall Area ¹	Floor Area ²	Floor Covering ³	Comments
	s.f.	s.f.		
E-Block First Floor				
E-114	282	55	olive paint	tan wall
E-117	11,415	11,816	wood	girl's gym; tan and white paint; two wood dividers; rolled up gym pads
E-116	440	24	tan paint	white walls
E-112	440	24	tan paint	white walls
E-136	13,910	18,484	wood	boy's gym; tan walls 25%, white walls 75%, canvas/vinyl room dividers
E-108	2,517	4,956	red conc.	boy's locker, red floor, tan walls.
E-104	1,250	1,104	red conc.	boy's corrective gym, red floor, tan walls.
E-109	440	154	brown conc.	instructor's storage
E-110	757	372	brown conc.	instructor's room
E-127	818	391	lt.brown conc.	storage
E-131	827	342	lt.brown conc.	storage
E-135	607	245	lt.brown conc.	storage
E-113	766	358	lt.brown conc.	storage
E-118	950	725	tan vinyl	health center, tan walls
E-120	673	331	brown conc.	bathroom
E-121	651	300	brown conc.	bathroom
E-122	634	275	tan conc.	storage
E-105	634	260		back of locker room
E-124	1,883	1,602	red terrazo	lobby, tan walls, red terrazo
E-119	774	435	red terrazo	foyer, tan walls, red terrazo
E-125	1,751	1,088	red terrazo	corridor, tan walls, red terrazo
E-103		231		stair 3, tan walls, red terrazo
E-102		220		stair 2, tan walls, red terrazo
stairs	678	153		from girl's locker room, tan walls, black rubber floor
E-Block Second Floor				
E-204	1,373	1,197	blue conc.	girl's corrective gym, blue walls
E-205	2,552	5,016	blue conc.	girl's locker room, blue walls
E-206	334	90	blue conc.	instructor's bathroom
E-207	590	228	blue conc.	instructor's room
E-210		1,002	black rubber	ramps 5' wide up, 77.5' long, one to 1st floor, one to 2nd floor
E-213		1,260	brown conc.	balcony, subtract 50 s.f. floor, add 30' wall, brown floor, tan walls
E-214	3,370	2,485		mechanical area; subtract 50 s.f., add 30' wall
F-Block First Floor				
F-103	845	504	brown conc.	boy's locker room, brown floor, tan walls
F-106	414	124	stone/pebble	boy's shower, stone/pebble tiles; cwall subway tile, tan paint
F-108	528	216	blue conc.	boy's office, brown floor, tan walls
F-111	528	216	stone/pebble	girl's office, blue
F-112	431	136	blue conc.	girl's shower, stone/pebble tiles; tan wall subway tile, blue paint
F-113	977	665	blue conc.	girl's lockers, blue
F-114	194	30	blue conc.	storage, blue floor, white walls
F-115		105	stone/pebble	pool, large stone/pebble tiles, red paint 25%, white 75%
F-Block Second Floor				
F-201	1,918	1,121	olive paint	mechanical, green walls, olive green paint floor
F-202	1,998	1,560	grey conc.	balcony, grey paint floor, white walls
stairs	629	154	red terrazo	boy's side, tan walls, red terrazo floor
stairs	629	154	red terrazo	girl's side, tan walls, red terrazo floor
F-Block Third Floor				
F-302		1,175	unpainted conc.	pool filter, unpainted floor
stairs		308	blue conc.	next to pool filter, blue

Notes:

- 1 Wall Area assumes the entire wall is painted, less the area taken up by windows, doors, blackboards, pushpin boards, heaters or cabinetry.
- 2 Floor Area assumes the entire floor is covered uniformly, less the area taken up by heaters, cabinetry or wall protrusions, unless otherwise noted.
- 3 Floor Covering assumes the majority of the floor covering material is uniform, unless otherwise noted.

s.f. square feet

Table 8
Characterization of Potential PCB Sources with Limited Distribution
New Bedford High School
New Bedford, Massachusetts

Building Location	Building Materials/Equipment Sampled	Sample Notations
Boiler Room	Flue joints Joint adhesive Pneumatic system (air compressor, in-line filters/drop-outs) Bearing lubricants (drips, smears) Electric motor components and lubricants GE Motor Control Center Johnson Control Center (for pneumatic system) Two air compressors (lubricants/blow-down fluids) Air handler door insulation	One bulk sample collected One bulk sample collected One pneumatic panel wipe sample collected. One wipe sample collected (each). One bulk sample collected
Roof	Caulking and patch where the chimney and roof edge meet	One bulk sample each of joint patch and roof edge collected.
Various (Misc. Materials)	Exterior window and door caulking (window caulking on A-112-4, A-116-3, A-105-1, door on north end of gold house) Building expansion joint stuffing Exterior univent (exterior of room A-111-3)	Additional bulk samples collected (3 window [BULK-137, 164, 167], one door). Planned renovation. One bulk sample each from Boiler Room, C-Block hallway, and joint between B-Block and green house One wipe sample collected of the inside of the Univent.

TABLE 9
Summary of Analytical Results for Bulk Samples - July 2008
New Bedford High School
New Bedford, Massachusetts

Analysis	Sample ID:	TRC-BULK-101	TRC-BULK-102	TRC-BULK-103	TRC-BULK-104	TRC-BULK-105	TRC-BULK-106	TRC-BULK-107	TRC-BULK-108	TRC-BULK-109	TRC-BULK-110	TRC-BULK-111
	Sample Location:	A-114-3	A-114-3	A-114-3	A-114-3	B-240	B-240	B-240	B-240	B-240	A-114-3	A-205-4
	Sample Description:	Vinyl cove base	Pushpin board	Vinyl tile	Laminate adhesive (counter/cabinet)	Vinyl cove base	Vinyl tile, brown	Vinyl tile mastic	Pushpin board	Laminate adhesive (counter/cabinet)	Vinyl tile mastic	Window caulk
	Sample Date:	7/17/2008	7/17/2008	7/17/2008	7/17/2008	7/17/2008	7/17/2008	7/17/2008	7/17/2008	7/17/2008	7/18/2008	7/18/2008
Analyte												
PCBs (mg/kg)	Aroclor 1016	0.154 U	0.200 U	0.0500 U	0.0944 U	0.300 UJ	0.0500 U	0.552 U	0.352 U	8.87 U	0.0648 U	0.160 U
	Aroclor 1221	0.154 U	0.200 U	0.0500 U	0.0944 U	0.300 UJ	0.0500 U	0.552 U	0.352 U	8.87 U	0.0648 U	0.160 U
	Aroclor 1232	0.154 U	0.200 U	0.0500 U	0.0944 U	0.300 UJ	0.0500 U	0.552 U	0.352 U	8.87 U	0.0648 U	0.160 U
	Aroclor 1242	3.67 J	2.97 J	0.176 J	0.544 J	6.56 J	1.96 J	10.0 J	7.53 J	8.87 U	0.694 J	2.30 J
	Aroclor 1248	0.154 U	0.200 U	0.0500 U	0.0944 U	0.300 UJ	0.0500 U	0.552 U	0.352 U	230 J	0.0648 U	0.160 U
	Aroclor 1254	0.154 U	0.200 U	0.0500 U	0.0944 U	1.28 J	0.598 J	0.552 U	0.352 U	8.87 U	0.0648 U	0.909
	Aroclor 1260	0.154 U	0.200 U	0.0500 U	0.770 J	0.300 UJ	0.0500 U	0.552 U	0.352 U	8.87 U	0.0648 U	0.160 U
	Total PCBs	3.67 J	2.97 J	0.176 J	1.314 J	7.84 J	2.558 J	10.0 J	7.53 J	230 J	0.694 J	3.209 J

Notes:

All units in mg/kg unless otherwise specified.

mg/kg - milligrams per kilogram or parts

per million (ppm).

J - Estimated value.

U - Compound was not detected at specified quantitation limit.

UJ - Estimated nondetect.

PCBs - Polychlorinated Biphenyls.

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

TABLE 9
Summary of Analytical Results for Bulk Samples - July 2008
New Bedford High School
New Bedford, Massachusetts

Analysis	Sample ID:		TRC-BULK-112	TRC-BULK-113	TRC-BULK-114	TRC-BULK-115	TRC-BULK-116	TRC-BULK-117	TRC-BULK-118	TRC-BULK-119	TRC-BULK-120	TRC-BULK-121	
	Sample Location:		A-205-4		A-205-4	A-205-4	A-205-4	A-205-4	A-205-4	A-205-4	A-311-2	A-311-2	
	Sample Description:		Window glazing		New paint (blue)	Old paint (tan)	Vinyl cove base mastic	Green paint from I-Beams	Laminate adhesive (counter/cabinet)	Tile gaps (floor)	Vinyl tile, blue	Window caulk	Window glazing
	Sample Date:		7/18/2008	7/18/2008	7/18/2008	7/18/2008	7/18/2008	7/18/2008	7/18/2008	7/18/2008	7/18/2008	7/18/2008	7/18/2008
Analyte													
PCBs (mg/kg)													
	Aroclor 1016	0.167 U	0.0578 UJ	0.411 U	0.0500 U	0.120 U	0.193 U	4.52 U	0.147 U	0.0500 U	0.200 U	0.258 U	
	Aroclor 1221	0.167 U	0.0578 UJ	0.411 U	0.0500 U	0.120 U	0.193 U	4.52 U	0.147 U	0.0500 U	0.200 U	0.258 U	
	Aroclor 1232	0.167 U	0.0578 UJ	0.411 U	0.0500 U	0.120 U	0.193 U	4.52 U	0.147 U	0.0500 U	0.200 U	0.258 U	
	Aroclor 1242	1.36 J	0.781 J	3.25 J	0.0674 J	3.03 J	0.193 U	4.52 U	1.25 J	0.388 J	1.26 J	1.98 J	
	Aroclor 1248	0.167 U	0.0578 UJ	0.411 U	0.0500 U	0.120 U	0.193 U	114 J	0.147 U	0.0500 U	0.200 U	0.258 U	
	Aroclor 1254	2.00 J	0.932 J	2.82 J	0.0500 U	0.120 U	0.193 U	4.52 U	0.599 J	0.0500 U	0.481 J	0.258 U	
	Aroclor 1260	1.04 J	0.410 J	0.411 U	0.267 J	0.120 U	8.84 J	4.52 U	0.147 U	0.0500 U	0.200 U	0.258 U	
	Total PCBs	4.40 J	2.123 J	6.07 J	0.3344 J	3.03 J	8.84 J	114 J	1.849 J	0.388 J	1.741 J	1.98 J	

Notes:

All units in mg/kg unless otherwise specified.

mg/kg - milligrams per kilogram or parts

per million (ppm).

J - Estimated value.

U - Compound was not detected at specified quantitation limit.

UJ - Estimated nondetect.

PCBs - Polychlorinated Biphenyls.

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

TABLE 9
Summary of Analytical Results for Bulk Samples - July 2008
New Bedford High School
New Bedford, Massachusetts

Analysis	Sample ID:	TRC-BULK-122	TRC-BULK-123	TRC-BULK-124	TRC-BULK-125	TRC-BULK-126	TRC-BULK-127		TRC-BULK-128	TRC-BULK-129	TRC-BULK-130	TRC-BULK-131
	Sample Location:	A-311-2	A-311-2	A-311-2	A-311-2	A-311-2	A-212/213-4		A-212/213-4	A-212/213-4	A-212/213-4	A-212/213-4
	Sample Description:	New paint (beige/gold)	Vinyl cove base mastic	Tile gaps (floor)	Vinyl tile	Laminate adhesive (counter/cabinet)	Window glazing		Window caulk	Vinyl cove base mastic	Vinyl cove base	Wall divider gasket
	Sample Date:	7/18/2008	7/18/2008	7/18/2008	7/18/2008	7/18/2008	7/21/2008	7/21/2008	7/21/2008	7/21/2008	7/21/2008	7/21/2008
Analyte												
PCBs (mg/kg)												
	Aroclor 1016	0.222 U	0.0500 U	0.236 U	0.0500 U	0.282 U	0.659 U	0.814 U	1.18 U	0.0500 U	0.100 U	1.00 U
	Aroclor 1221	0.222 U	0.0500 U	0.236 U	0.0500 U	0.282 U	0.659 U	0.814 U	1.18 U	0.0500 U	0.100 U	1.00 U
	Aroclor 1232	0.222 U	0.0500 U	0.236 U	0.0500 U	0.282 U	0.659 U	0.814 U	1.18 U	0.0500 U	0.100 U	1.00 U
	Aroclor 1242	3.69 J	0.728 J	2.40 J	0.920 J	0.282 U	0.659 UJ	8.85 J	1.18 U	0.853 J	1.78 J	1.00 U
	Aroclor 1248	0.222 U	0.0500 U	0.236 U	0.0500 U	1.95 J	22.8 J	0.814 UJ	25.1 J	0.0500 U	0.100 U	26.4 J
	Aroclor 1254	1.29 J	0.0500 U	0.930 J	0.262 J	0.282 U	0.659 UJ	6.32 J	1.18 U	0.0500 U	0.100 U	1.00 U
	Aroclor 1260	0.438 J	0.0500 U	0.236 U	0.0500 U	0.282 U	0.659 U	0.814 U	1.18 U	0.0500 U	0.100 U	1.00 U
	Total PCBs	5.418 J	0.728 J	3.33 J	1.182 J	1.95 J	22.8 J	15.17 J	25.1 J	0.853 J	1.78 J	26.4 J

Notes:
All units in mg/kg unless otherwise specified.
mg/kg - milligrams per kilogram or parts per million (ppm).
J - Estimated value.
U - Compound was not detected at specified quantitation limit.
UJ - Estimated nondetect.
PCBs - Polychlorinated Biphenyls.
Values in **Bold** indicate the compound was detected.

TABLE 9
Summary of Analytical Results for Bulk Samples - July 2008
New Bedford High School
New Bedford, Massachusetts

Analysis	Sample ID:	TRC-BULK-132	TRC-BULK-133	TRC-BULK-134	TRC-BULK-135	TRC-BULK-136	TRC-BULK-137	TRC-BULK-140R	TRC-BULK-142	TRC-BULK-145	TRC-BULK-146	TRC-BULK-147
	Sample Location:	A-212/213-4	A-212/213-4	A-212/213-4	A-212/213-4	A-205-4	Exterior	Boiler Room	Boiler Room	Boiler Room	Boiler Room	A-311-2
	Sample Description:	Tile gaps (floor)	New paint (blue)	Green paint from I-Beams	Old paint (tan)	Couch foam, black couch	Exterior window caulking	Adhesive around joints (north side)	Air handler door insulation	Flue joint material	Expansion joint	Green paint from I-Beams
	Sample Date:	7/21/2008	7/21/2008	7/21/2008	7/21/2008	7/21/2008	7/21/2008	7/30/2008	7/21/2008	7/21/2008	7/21/2008	7/21/2008
Analyte												
PCBs (mg/kg)	Aroclor 1016	1.08 U	1.09 U	0.150 U	0.0596 U	0.202 U	0.0624 UJ	0.250 UJ	0.116 U	0.0987 U	0.0500 U	0.0500 U
	Aroclor 1221	1.08 U	1.09 U	0.150 U	0.0596 U	0.202 U	0.0624 UJ	0.250 UJ	0.116 U	0.0987 U	0.0500 U	0.0500 U
	Aroclor 1232	1.08 U	1.09 U	0.150 U	0.0596 U	0.202 U	0.0624 UJ	0.250 UJ	0.116 U	0.0987 U	0.0500 U	0.0500 U
	Aroclor 1242	26.7 J	1.09 U	0.150 U	0.0596 U	3.25 J	0.216 J	2.88 J	0.341 J	0.296 J	0.571 J	0.0500 U
	Aroclor 1248	1.08 U	26.2 J	2.97 J	0.820 J	0.202 U	0.0624 UJ	0.250 UJ	0.116 U	0.0987 U	0.0500 U	0.0500 U
	Aroclor 1254	5.81 J	1.09 U	2.60 J	0.350 J	0.559 J	0.118 J	2.23 J	0.235 J	0.232 J	0.379 J	0.0500 U
	Aroclor 1260	1.08 U	1.09 U	2.84 J	0.144 J	0.202 U	0.0624 UJ	1.14 J	0.250 J	0.206 J	0.174 J	0.0500 U
	Total PCBs	32.51 J	26.2 J	8.41 J	1.314 J	3.809 J	0.334 J	6.25 J	0.826 J	0.734 J	1.124 J	0.0500 U

Notes:
All units in mg/kg unless otherwise specified.
mg/kg - milligrams per kilogram or parts per million (ppm).
J - Estimated value.
U - Compound was not detected at specified quantitation limit.
UJ - Estimated nondetect.
PCBs - Polychlorinated Biphenyls.
Values in **Bold** indicate the compound was detected.

TABLE 9
Summary of Analytical Results for Bulk Samples - July 2008
New Bedford High School
New Bedford, Massachusetts

Analysis	Sample ID:	TRC-BULK-148	TRC-BULK-149	TRC-BULK-150	TRC-BULK-152	TRC-BULK-154	TRC-BULK-155	TRC-BULK-156	TRC-BULK-157	TRC-BULK-158	TRC-BULK-159	TRC-BULK-160
	Sample Location:	A-311-2	Roof	Roof	C-Block	Exterior	D-237	D-250	D-250	D-219	D-208	Main Office
	Sample Description:	Old paint (blue)	Flashing joint patch near chimney	Roof Edge Patch by chimney	Interior expansion joint stuffing	Expansion joint stuffing	Blue carpet from auditorium	Red carpet, little theater	Carpet pad, little theater	Green carpet, fine arts office	Blue/tan carpet glued to vinyl tile	Light brown carpet
	Sample Date:	7/21/2008	7/22/2008	7/22/2008	7/22/2008	7/22/2008	7/22/2008	7/22/2008	7/22/2008	7/22/2008	7/22/2008	7/22/2008
Analyte												
PCBs (mg/kg)	Aroclor 1016	0.200 U	0.200 U	0.0500 U	0.146 U	0.0918 U	0.0918 U	0.183 U	0.176 U	0.503 U	1.06 U	0.628 U
	Aroclor 1221	0.200 U	0.200 U	0.0500 U	0.146 U	0.0918 U	0.0918 U	0.183 U	0.176 U	0.503 U	1.06 U	0.628 U
	Aroclor 1232	0.200 U	0.200 U	0.0500 U	0.146 U	0.0918 U	0.0918 U	0.183 U	0.176 U	0.503 U	1.06 U	0.628 U
	Aroclor 1242	2.20 J	1.12 J	0.0500 U	0.146 U	0.251 J	0.647 J	0.462 J	0.176 U	1.37 J	1.06 U	0.628 U
	Aroclor 1248	0.200 U	0.200 U	0.0500 U	0.146 U	0.0918 U	0.0918 U	0.183 U	0.176 U	0.503 U	1.06 U	0.628 U
	Aroclor 1254	1.34 J	3.87 J	0.0500 U	0.146 U	0.124 J	1.07 J	1.12 J	0.176 U	0.503 U	1.06 U	0.628 U
	Aroclor 1260	0.972 J	2.07 J	0.0500 U	0.146 U	0.0918 U	0.0918 U	2.07 J	0.176 U	14.0 J	1.06 U	1.01 J
	Total PCBs	4.512 J	7.06 J	0.0500 U	0.146 U	0.375 J	1.717 J	3.652 J	0.176 U	15.37 J	1.06 U	1.01 J

Notes:

All units in mg/kg unless otherwise specified.

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

J - Estimated value.

U - Compound was not detected at specified quantitation limit.

UJ - Estimated nondetect.

PCBs - Polychlorinated Biphenyls.

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

TABLE 9
Summary of Analytical Results for Bulk Samples - July 2008
New Bedford High School
New Bedford, Massachusetts

Analysis	Sample ID:	TRC-BULK-161	TRC-BULK-162			TRC-BULK-163		TRC-BULK-164	TRC-BULK-166	TRC-BULK-167
	Sample Location:	B-275	B-292			B-375		Exterior	Exterior	Exterior
	Sample Description:	Brown carpet, library office	Brown carpet, media room			Green carpet, science media center		Exterior Window Caulk	Exterior Door Caulk	Exterior Window Caulk
	Sample Date:	7/22/2008	7/22/2008	7/22/2008	7/22/2008	7/22/2008	7/28/2008	7/28/2008	7/28/2008	
Analyte				Field Dup	Field Dup					
PCBs (mg/kg)	Aroclor 1016	0.0991 U	0.117 U	0.0790 U	0.0598 U	0.0639 U	0.0552 U	0.0500 U	0.0500 U	
	Aroclor 1221	0.0991 U	0.117 U	0.0790 U	0.0598 U	0.0639 U	0.0552 U	0.0500 U	0.0500 U	
	Aroclor 1232	0.0991 U	0.117 U	0.0790 U	0.0598 U	0.0639 U	0.0552 U	0.0500 U	0.0500 U	
	Aroclor 1242	0.841 J	1.16 J	0.942 J	1.06 J	0.751 J	0.848 J	0.158 J	0.280 J	
	Aroclor 1248	0.0991 U	0.117 U	0.0790 U	0.0598 U	0.0639 U	0.0552 U	0.0500 U	0.0500 U	
	Aroclor 1254	0.593 J	0.365 J	0.254 J	0.338 J	0.296 J	0.0552 U	0.0500 U	0.317 J	
	Aroclor 1260	0.0991 U	0.117 U	0.0790 U	0.0598 U	0.0639 U	0.0552 U	0.0500 U	0.0500 U	
	Total PCBs	1.434 J	1.525 J	1.196 J	1.398 J	1.047 J	0.848 J	0.158 J	0.597 J	

Notes:

All units in mg/kg unless otherwise specified.

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

J - Estimated value.

U - Compound was not detected at specified quantitation limit.

UJ - Estimated nondetect.

PCBs - Polychlorinated Biphenyls.

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

TABLE 10
Summary of Analytical Results for Wipe Samples - July 2008
New Bedford High School
New Bedford, Massachusetts

Analysis	Sample ID:	TRC-WIPE-138	TRC-WIPE-139	TRC-WIPE-141	TRC-WIPE-143	TRC-WIPE-144	TRC-WIPE-151	TRC-WIPE-153	TRC-WIPE-165
	Sample Location:	Boiler Room	Boiler Room	Boiler Room	Boiler Room	Boiler Room	A-207-1	Boiler Room	Exterior
	Sample Description:	Bearing lub wipe, air handler	Johnson controls floor wipe	Electric motor wipe sample	East compressor wipe	West compressor wipe	Pneumatic panel, 2nd floor wipe	wipe sample of GE control panel	Wipe Inside Univent
	Sample Date:	7/21/2008	7/21/2008	7/21/2008	7/21/2008	7/21/2008	7/22/2008	7/22/2008	7/28/2008
Analyte									
PCBs (ug/100cm ²)	Aroclor 1016	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
	Aroclor 1221	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
	Aroclor 1232	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
	Aroclor 1242	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
	Aroclor 1248	1.99 J	0.897 J	0.567 J	0.500 U	1.53 J	0.944 J	0.500 U	0.500 U
	Aroclor 1254	3.29 J	1.41 J	0.500 U	0.500 U	0.500 U	0.606 J	0.500 U	0.500 U
	Aroclor 1260	1.79 J	0.500 U	0.782 J	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
	Total PCBs	7.07 J	2.307 J	1.349 J	0.500 U	1.53 J	1.55 J	0.500 U	0.500 U

Notes:

All units in ug/100cm² unless otherwise specified.

ug/100cm² - micrograms per 100 square centimeters.

J - Estimated value.

U - Compound was not detected at specified quantitation limit.

PCBs - Polychlorinated Biphenyls.

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

Table 11
Results of Sampling of Uncharacterized Potential Source Material
New Bedford High School
New Bedford, Massachusetts

Building Materials/Equipment Sampled	TRC Sample Identification	Building Area	Total PCB Concentration (mg/kg)
Vinyl cove base	TRC-BULK-105	B-240	7.84
	TRC-BULK-101	A-114-3	3.67
Vinyl floor tile - brown	TRC-BULK-106	B-240	2.56
Vinyl floor tile - "coffee"	TRC-BULK-103	A-114-3	0.18
Vinyl floor tile mastic	TRC-BULK-107	B-240	10.0
	TRC-BULK-110	A-114-3	0.69
Pushpin board	TRC-BULK-108	B-240	7.53
	TRC-BULK-102	A-114-3	2.97
Laminate adhesive	TRC-BULK-109	B-240	230
	TRC-BULK-104	A-114-3	1.31
Blue carpet (auditorium)	TRC-BULK-155	D-237	1.72
Red carpet (small theater)	TRC-BULK-156	D-250	3.65
Carpet pad (small theater)	TRC-BULK-157	D-250	<0.176
Green carpet (fine arts office)	TRC-BULK-158	D-219	15.37
Blue/tan carpet (glued to vinyl tile)	TRC-BULK-159	D-208	<1.06
Light brown carpet (main office)	TRC-BULK-160	Main Office	1.01
Brown carpet (library office)	TRC-BULK-161	B-275	1.43
Brown carpet (media room)	TRC-BULK-162	B-292	1.52
Brown carpet (media room) - duplicate	Duplicate	B-292	1.20
Green carpet (science media center)	TRC-BULK-163	B-375	1.40
Green carpet (science media center) - duplicate	Duplicate	B-375	1.05

Notes:

Please refer to Table 9 for full PCB Aroclor component results.

Table 12
 Results of Further Evaluation of Preliminary Bulk/Air PCB Concentration Trend
 New Bedford High School
 New Bedford, Massachusetts

Building Material	Total PCB Concentrations*		
	A-212/213-4	A-311-2	A-205-4
Window glazing	22.8	1.98	4.40
Window caulk	25.1	1.74	3.21
Vinyl cove base mastic	0.85	0.73	3.03
Vinyl cove base	1.78	N/S	N/S
Floor tile gaps	32.51	3.33	1.85
Floor tile	N/S	1.18	0.39
New paint	26.2	5.42	6.07
Old paint	1.31	4.51	0.33
Green paint (I-Beams)	8.41	<0.05	8.84
Laminate adhesive	N/S	1.95	114
Foam padding (couch)	N/S	N/S	3.81
Wall divider gasket	26.4	N/S	N/S
Air Result (August 2007)	0.62 ug/m3	0.045 ug/m3	0.0037 ug/m3
Air Results (February 2008)	0.13 ug/m3	0.019 ug/m3	0.0056 ug/m3

Notes:

All bulk material concentrations units are mg/kg or ppm.

Maximum concentration from duplicate pair shown where applicable.

N/S - Not available for sampling.

* Some concentrations were estimated by the analytical laboratory

High result for each type of building material

Mid result for each type of building material

Low result for each type of building material

An unshaded cell indicates insufficient data for comparison

Table 13
 Updated PCB Bulk/Air Concentration Trend for Rooms B-240 and A-114-3
 New Bedford High School
 New Bedford, Massachusetts

Building Material	Date	PCB Concentrations*	
		B-240	A-114-3
Floor tile mastic	August-07	10.1	0.20
Window glazing	August-07	14.9	2.05
Baseboard mastic	August-07	4.50	1.97
Old paint	August-07	0.22	8.25
New paint	August-07	2.87	1.61
Steel beam paint	August-07	6.40	4.32
Coach foam	August-07	4.09	N/S
Vinyl cove base	July-08	7.84	3.67
Vinyl floor tile	July-08	2.56	0.18
Floor tile mastic	July-08	10	0.69
Pushpin board	July-08	7.53	2.97
Laminate adhesive	July-08	230	1.31
Air Results	August-07	0.32 ug/m3	0.076 ug/m3
Air Results	February-08	0.044 ug/m3	0.040 ug/m3

Notes:

All bulk material concentrations units are mg/kg or ppm.

Maximum concentration from duplicate pair shown where applicable.

N/S - Not available for sampling.

* - Some concentrations estimated by the analytical laboratory

High result for each type of sample

Low result for each type of sample

Table 14
Limited Distribution Materials Data Summary - Bulk Sample Analysis
New Bedford High School
New Bedford, Massachusetts

Building Materials/Equipment Sampled	TRC Sample Identification	Building Area	Total PCB Concentration (mg/kg)
Flue joints	TRC-BULK-145	Boiler Room	0.73
Joint adhesive	TRC-BULK-140	Boiler Room	6.25
Air handler door insulation	TRC-BULK-142	Boiler Room	0.83
Roof edge patch (near chimney)	TRC-BULK-150	Roof	<0.05
Flashing joint near chimney	TRC-BULK-149	Roof	7.06
Exterior window caulking	TRC-BULK-137	Bldg. Exterior	0.33
Exterior window caulking	TRC-BULK-164	Bldg. Exterior	0.85
Exterior window caulking	TRC-BULK-167	Bldg. Exterior	0.60
Exterior door caulking	TRC-BULK-166	Bldg. Exterior	0.16
Expansion joint stuffing	TRC-BULK-154	Bldg. Exterior	0.38
Expansion joint	TRC-BULK-146	Boiler Room	1.12
Expansion joint stuffing	TRC-BULK-152	C-Block	<0.146

Notes:

Please refer to Table 9 for full PCB Aroclor component results.

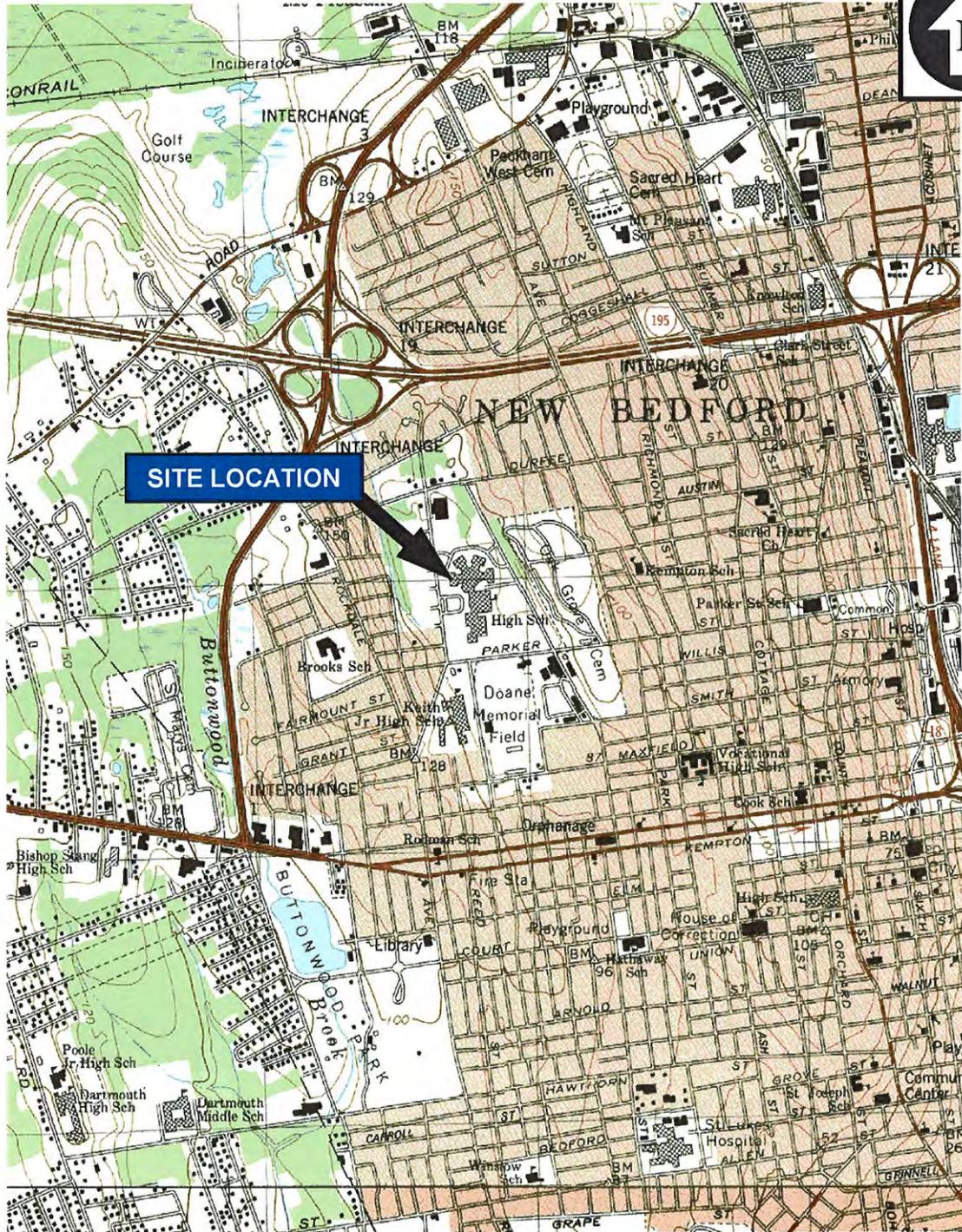
Table 15
Limited Distribution Materials Data Summary - Wipe Sample Analysis
New Bedford High School
New Bedford, Massachusetts

Building Materials/Equipment Sampled	TRC Sample Identification	Building Area	Total PCB Result (ug/100 cm²)
Bearing Lubricant on Air Handler	TRC-WIPE-138	Boiler Room	7.07
Johnson Controls Unit Floor	TRC-WIPE-139	Boiler Room	2.31
Second Floor Pneumatic Panel	TRC-WIPE-151	A-207-1	1.55
East Compressor	TRC-WIPE-143	Boiler Room	< 0.50
West Compressor	TRC-WIPE-144	Boiler Room	1.53
GE Control Panel	TRC-WIPE-153	Boiler Room	< 0.50
Electric Motor	TRC-WIPE-141	Boiler Room	1.35
Exterior Univent	TRC-WIPE-165	Exterior	< 0.50

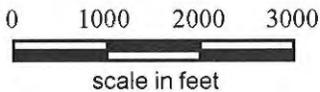
Notes:

Please refer to Table 10 for full PCB Aroclor component results.

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



**NEW BEDFORD HIGH SCHOOL
NEW BEDFORD, MASSACHUSETTS**

SITE LOCATION MAP

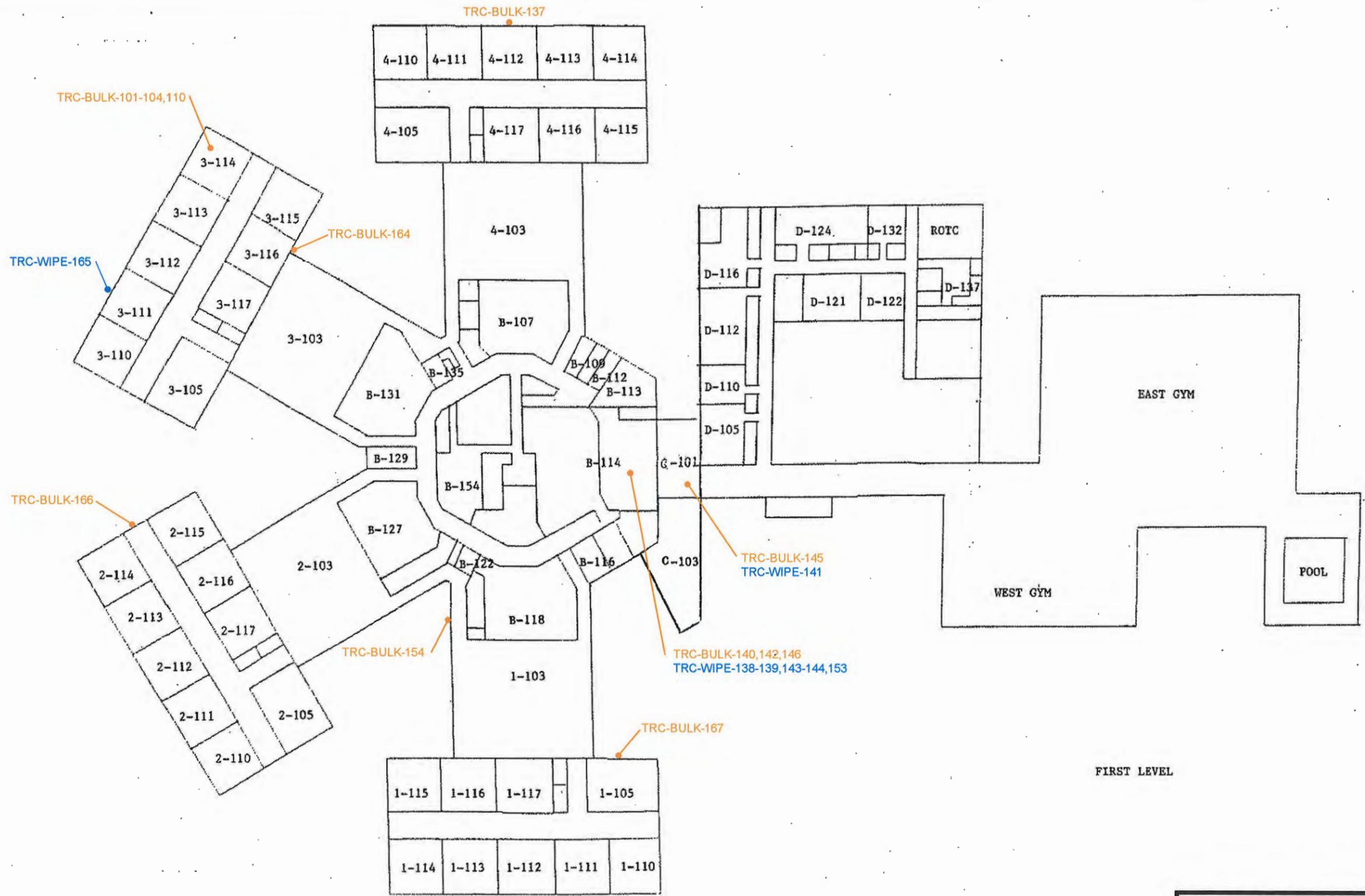


Wannalancit Mills
650 Suffolk Street
Lowell, MA 01854
978-970-5600

**FIGURE
1**

Drawn: HWB
Checked: DS

SCALE: AS SHOWN
Date: OCT 2008

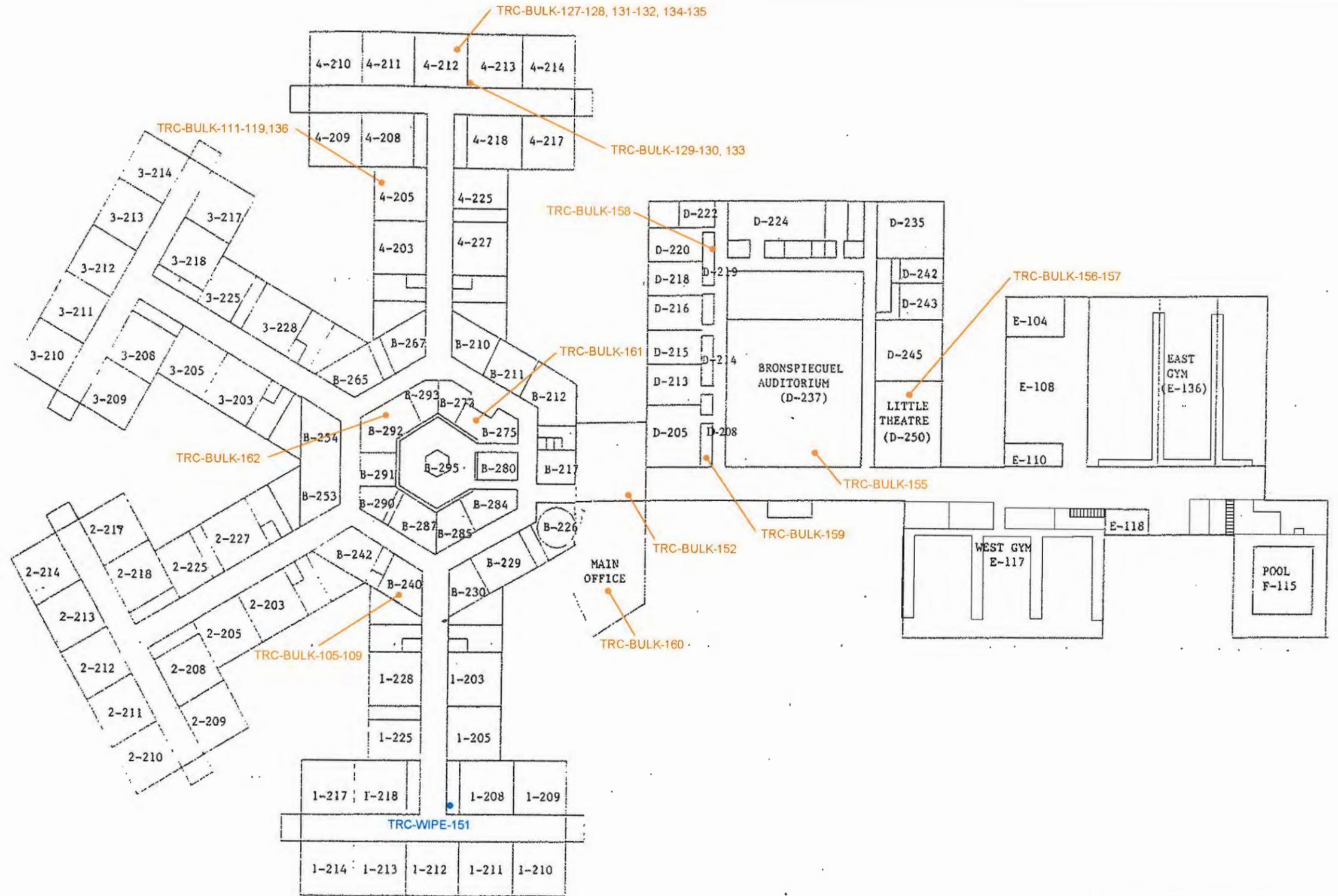


FIRST LEVEL

KEY	
●	WIPE SAMPLE LOCATION
●	BULK SAMPLE LOCATION

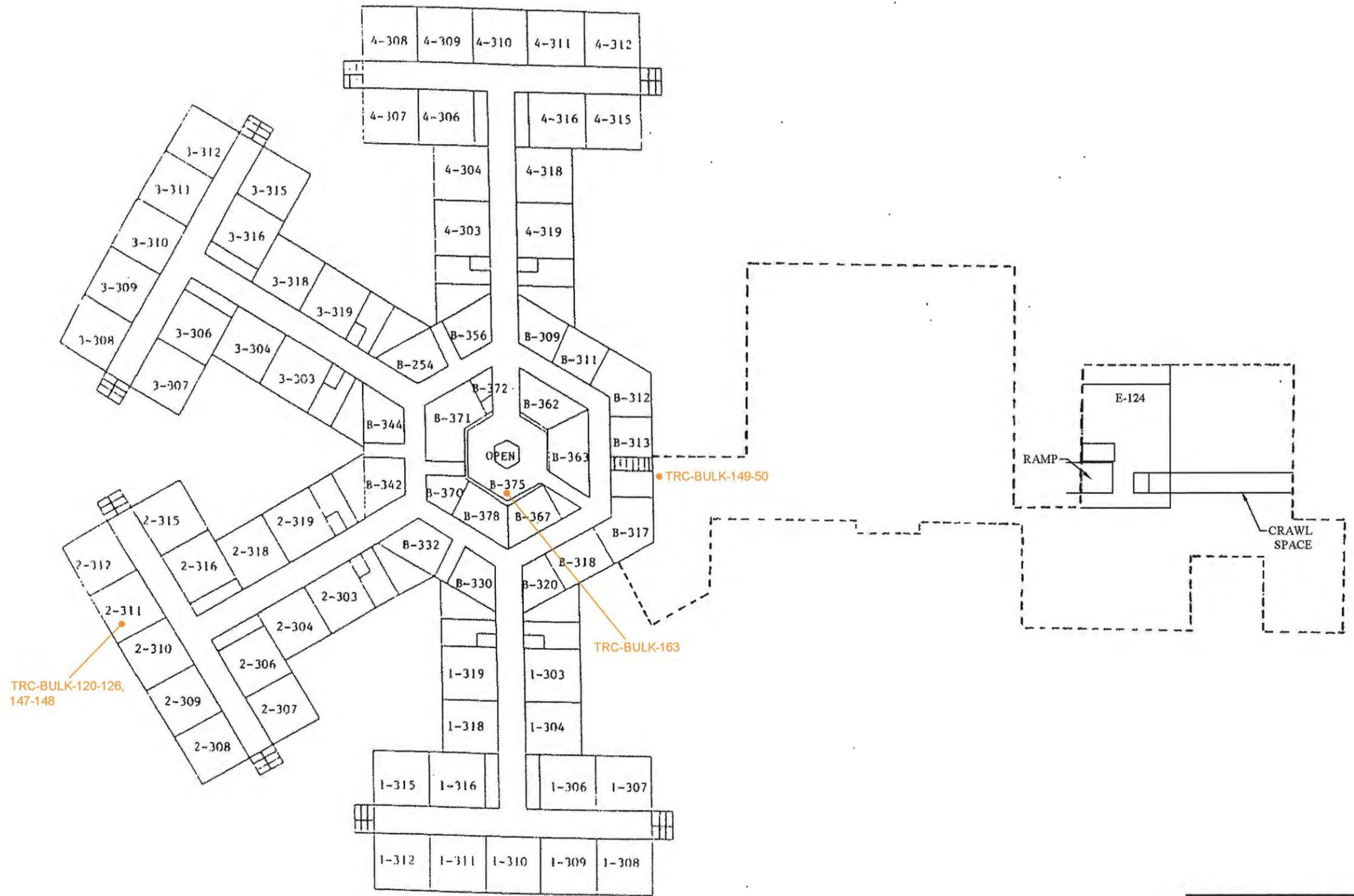
ALL LOCATIONS ARE APPROXIMATE

NEW BEDFORD HIGH SCHOOL 230 HATHAWAY BLVD NEW BEDFORD, MASSACHUSETTS	
A-C BLOCK SAMPLING FIRST FLOOR	
	Wannalancit Mills 650 Suffolk Street Lowell, MA 01854 (978) 970-5600
DRAWN BY: HWB CHECKED BY: RSN	DATE: JULY 2008
FIGURE 2	



KEY	
●	WIPE SAMPLE LOCATION
●	BULK SAMPLE LOCATION
ALL LOCATIONS ARE APPROXIMATE	

NEW BEDFORD HIGH SCHOOL 230 HATHAWAY BLVD NEW BEDFORD, MASSACHUSETTS	
A-D BLOCK SAMPLING SECOND FLOOR	
	Wannancit Mills 650 Suffolk Street Lowell, MA 01854 (978) 970-5600
DRAWN BY: HWB CHECKED BY: RSN	DATE: JULY 2008
FIGURE 3	



KEY
 ● BULK SAMPLE LOCATION
 ALL LOCATIONS ARE APPROXIMATE

NEW BEDFORD HIGH SCHOOL 230 HATHAWAY BLVD NEW BEDFORD, MASSACHUSETTS	
A & B BLOCK SAMPLING THIRD FLOOR	
	Wannalancit Mills 650 Suffolk Street Lowell, MA 01854 (978) 970-5600
DRAWN BY: HWB CHECKED BY: RSN	DATE: JULY 2008

FIGURE
4

APPENDIX A – LIMITATIONS

LIMITATIONS

1. TRC Environmental Corporation's (TRC's) study was performed in accordance with generally accepted practices of other consultants undertaking similar studies at the same time and in the same geographical area, and TRC observed that degree of care and skill generally exercised by other consultants under similar circumstances and conditions. TRC's findings and conclusions must be considered not as scientific certainties, but rather as our professional opinion concerning the significance of the limited data gathered during the course of the study. No other warranty, express or implied is made. Specifically, TRC does not and cannot represent that the Site contains no hazardous material, oil, or other latent condition beyond that observed by TRC during its study. Additionally, TRC makes no warranty that any response action or recommended action will achieve all of its objectives or that the findings of this study will be upheld by a Massachusetts Department of Environmental Protection (MassDEP) audit.
2. This study and report have been prepared on behalf of and for the exclusive use of the City of New Bedford, solely for use in an environmental response action at the New Bedford High School Site in New Bedford, Massachusetts ("Site"). This report and the findings contained herein shall not, in whole or in part, be disseminated or conveyed to any other party, nor used by any other party in whole or in part, without the prior written consent of TRC.
3. The observations described in this report were made under the conditions stated therein. The conclusions presented in the report were based solely upon the services described therein, and not on scientific tasks or procedures beyond the scope of described services or the time and budgetary constraints imposed by Client. The work described in this report was carried out in accordance with the Terms and Conditions referenced in our proposal.
4. In preparing this report, TRC has relied on certain information provided by federal, state and local officials and other parties referenced therein, and on information contained in the files of state and/or local agencies available to TRC at the time of the study. Although there may have been some degree of overlap in the information provided by these various sources, TRC did not attempt to independently verify the accuracy or completeness of all information reviewed or received during the course of this evaluation.
5. In the event that the Client or others authorized to use this report obtain information on environmental or hazardous waste issues at the Site not contained in this report, such information shall be brought to TRC's attention forthwith. TRC will evaluate such information and, on the basis of that evaluation, may modify the conclusions stated in this report.
6. The conclusions and recommendations contained in this report are based in part upon the data obtained from a limited number of samples obtained from widely spaced sample locations. The nature and extent of variations between these investigations may not become evident until further investigation. If variations or other latent conditions then appear evident, it will be necessary to reevaluate the conclusions and recommendations of this report.
7. The conclusions and recommendations contained in this report are based in part upon various types of chemical data and are contingent upon their validity. These data have been reviewed and interpretations made in the report. Should additional chemical data become available in the future,

these data should be reviewed by TRC and the conclusions and recommendations presented herein modified accordingly.

8. Chemical analyses have been performed for specific parameters during the course of this Site assessment, as described in the text. However, it should be noted that additional chemical constituents not searched for during the current study may be present at the Site.

APPENDIX B – LABORATORY DATA REPORTS

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070156</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070156-18</u>
Matrix: <u>Wipe</u>	Client ID: <u>TRC-WIPE-138</u>
Sample wt(Dry)/vol: <u>N/A</u>	Lab Sample ID: <u>AL11810</u>
Percent Moisture: <u>N/A</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/23/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/28/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>1</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-217-19

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-177-19

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION UG/WIPE	Q
1	12674-11-2	Aroclor 1016	0.500	U
1	11104-28-2	Aroclor 1221	0.500	U
1	11141-16-5	Aroclor 1232	0.500	U
1	53469-21-9	Aroclor 1242	0.500	U
1	12672-29-6	Aroclor 1248	1.99	AE
1	11097-69-1	Aroclor 1254	3.29	AF
1	11096-82-5	Aroclor 1260	1.79	AG

Laboratory Qualifiers:

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.
 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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070156</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070156-19</u>
Matrix: <u>Wipe</u>	Client ID: <u>TRC-WIPE-139</u>
Sample wt(Dry)/vol: <u>N/A</u>	Lab Sample ID: <u>AL11811</u>
Percent Moisture: <u>N/A</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/23/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/28/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>1</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-177-21

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-217-21

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION UG/WIPE	Q
1	12674-11-2	Aroclor 1016	0.500	U
1	11104-28-2	Aroclor 1221	0.500	U
1	11141-16-5	Aroclor 1232	0.500	U
1	53469-21-9	Aroclor 1242	0.500	U
1	12672-29-6	Aroclor 1248	0.897	AE
1	11097-69-1	Aroclor 1254	1.41	AF
1	11096-82-5	Aroclor 1260	0.500	U

Laboratory Qualifiers:

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.
 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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070157</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070157-01</u>
Matrix: <u>Wipe</u>	Client ID: <u>TRC-WIPE-141</u>
Sample wt(Dry)/vol: <u>N/A</u>	Lab Sample ID: <u>AL11813</u>
Percent Moisture: <u>N/A</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/23/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/28/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>1</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-217-23

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-177-23

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION UG/WIPE	Q
1	12674-11-2	Aroclor 1016	0.500	U
1	11104-28-2	Aroclor 1221	0.500	U
1	11141-16-5	Aroclor 1232	0.500	U
1	53469-21-9	Aroclor 1242	0.500	U
1	12672-29-6	Aroclor 1248	0.567	AE
1	11097-69-1	Aroclor 1254	0.500	U
1	11096-82-5	Aroclor 1260	0.782	AG

Laboratory Qualifiers:

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.
 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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070157</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070157-03</u>
Matrix: <u>Wipe</u>	Client ID: <u>TRC-WIPE-143</u>
Sample wt(Dry)/vol: <u>N/A</u>	Lab Sample ID: <u>AL11815</u>
Percent Moisture: <u>N/A</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/23/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/28/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>1</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-217-26

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-177-26

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION UG/WIPE	Q
1	12674-11-2	Aroclor 1016	0.500	U
1	11104-28-2	Aroclor 1221	0.500	U
1	11141-16-5	Aroclor 1232	0.500	U
1	53469-21-9	Aroclor 1242	0.500	U
1	12672-29-6	Aroclor 1248	0.500	U
1	11097-69-1	Aroclor 1254	0.500	U
1	11096-82-5	Aroclor 1260	0.500	U

Laboratory Qualifiers:

U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (POL). POLs are adjusted for sample weight/volume and dilution factors.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070157</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070157-04</u>
Matrix: <u>Wipe</u>	Client ID: <u>TRC-WIPE-144</u>
Sample wt(Dry)/vol: <u>N/A</u>	Lab Sample ID: <u>AL11816</u>
Percent Moisture: <u>N/A</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/23/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/28/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>1</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-217-28

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-177-28

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION UG/WIPE	Q
1	12674-11-2	Aroclor 1016	0.500	U
1	11104-28-2	Aroclor 1221	0.500	U
1	11141-16-5	Aroclor 1232	0.500	U
1	53469-21-9	Aroclor 1242	0.500	U
1	12672-29-6	Aroclor 1248	1.53	AE
1	11097-69-1	Aroclor 1254	0.500	U
1	11096-82-5	Aroclor 1260	0.500	U

Laboratory Qualifiers:

AE-Aroclor 1248 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
 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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070157</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070157-11</u>
Matrix: <u>Wipe</u>	Client ID: <u>TRC-WIPE-151</u>
Sample wt(Dry)/vol: <u>N/A</u>	Lab Sample ID: <u>AL11823</u>
Percent Moisture: <u>N/A</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/23/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/28/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>1</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-177-30

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-217-30

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION UG/WIPE	Q
1	12674-11-2	Aroclor 1016	0.500	U
1	11104-28-2	Aroclor 1221	0.500	U
1	11141-16-5	Aroclor 1232	0.500	U
1	53469-21-9	Aroclor 1242	0.500	U
1	12672-29-6	Aroclor 1248	0.944	AE
2	11097-69-1	Aroclor 1254	0.606	AF
1	11096-82-5	Aroclor 1260	0.500	U

Laboratory Qualifiers:

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.
 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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070157</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070157-13</u>
Matrix: <u>Wipe</u>	Client ID: <u>TRC-WIPE-153</u>
Sample wt(Dry)/vol: <u>N/A</u>	Lab Sample ID: <u>AL11825</u>
Percent Moisture: <u>N/A</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/23/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/29/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>1</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-217-32

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-177-32

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION UG/WIPE	Q
1	12674-11-2	Aroclor 1016	0.500	U
1	11104-28-2	Aroclor 1221	0.500	U
1	11141-16-5	Aroclor 1232	0.500	U
1	53469-21-9	Aroclor 1242	0.500	U
1	12672-29-6	Aroclor 1248	0.500	U
1	11097-69-1	Aroclor 1254	0.500	U
1	11096-82-5	Aroclor 1260	0.500	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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070199</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070199-02</u>
Matrix: <u>Wipe</u>	Client ID: <u>TRC-WIPE-165</u>
Sample wt(Dry)/vol: <u>N/A</u>	Lab Sample ID: <u>AL12081</u>
Percent Moisture: <u>N/A</u>	Date Received: <u>07/29/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/29/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>08/02/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>1</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-222-3

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-182-3

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION UG/WIPE	Q
1	12674-11-2	Aroclor 1016	0.500	U
1	11104-28-2	Aroclor 1221	0.500	U
1	11141-16-5	Aroclor 1232	0.500	U
1	53469-21-9	Aroclor 1242	0.500	U
1	12672-29-6	Aroclor 1248	0.500	U
1	11097-69-1	Aroclor 1254	0.500	U
1	11096-82-5	Aroclor 1260	0.500	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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070155</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070155-01</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-101</u>
Sample wt(Dry)/vol: <u>9.7330 g</u>	Lab Sample ID: <u>AL11773</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/24/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/29/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>3</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-178-3

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-218-3

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION	
			UG/G	Q
1	12674-11-2	Aroclor 1016	0.154	U
1	11104-28-2	Aroclor 1221	0.154	U
1	11141-16-5	Aroclor 1232	0.154	U
1	53469-21-9	Aroclor 1242	3.67	AD
1	12672-29-6	Aroclor 1248	0.154	U
1	11097-69-1	Aroclor 1254	0.154	U
1	11096-82-5	Aroclor 1260	0.154	U

Laboratory Qualifiers:

AD-Aroclor 1242 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
 U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weigh/volume and dilution factors.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070155</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070155-02</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-102</u>
Sample wt(Dry)/vol: <u>10.3660 g</u>	Lab Sample ID: <u>AL11774</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/24/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/29/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>4</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-178-4

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-218-4

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION	Q
			UG/G	
1	12674-11-2	Aroclor 1016	0.200	U
1	11104-28-2	Aroclor 1221	0.200	U
1	11141-16-5	Aroclor 1232	0.200	U
1	53469-21-9	Aroclor 1242	2.97	AD
1	12672-29-6	Aroclor 1248	0.200	U
1	11097-69-1	Aroclor 1254	0.200	U
1	11096-82-5	Aroclor 1260	0.200	U

Laboratory Qualifiers:

AD-Aroclor 1242 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.

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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070155</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070155-03</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-103</u>
Sample wt(Dry)/vol: <u>10.3280 g</u>	Lab Sample ID: <u>AL11775</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/24/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/29/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>1</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-218-5

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-178-5

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION	Q
			UG/G	
1	12674-11-2	Aroclor 1016	0.0500	U
1	11104-28-2	Aroclor 1221	0.0500	U
1	11141-16-5	Aroclor 1232	0.0500	U
1	53469-21-9	Aroclor 1242	0.176	AD
1	12672-29-6	Aroclor 1248	0.0500	U
1	11097-69-1	Aroclor 1254	0.0500	U
1	11096-82-5	Aroclor 1260	0.0500	U

Laboratory Qualifiers:

AD-Aroclor 1242 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.

Note: There were many non-target peaks.

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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070155</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070155-04</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-104</u>
Sample wt(Dry)/vol: <u>5.2940 g</u>	Lab Sample ID: <u>AL11776</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/24/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/29/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>1</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-218-6

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-178-6

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION	
			UG/G	Q
1	12674-11-2	Aroclor 1016	0.0944	U
1	11104-28-2	Aroclor 1221	0.0944	U
1	11141-16-5	Aroclor 1232	0.0944	U
2	53469-21-9	Aroclor 1242	0.544	AD
1	12672-29-6	Aroclor 1248	0.0944	U
1	11097-69-1	Aroclor 1254	0.0944	U
1	11096-82-5	Aroclor 1260	0.770	AG

Laboratory Qualifiers:

AD-Aroclor 1242 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.
 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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070155</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070155-05</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-105</u>
Sample wt(Dry)/vol: <u>10.0130 g</u>	Lab Sample ID: <u>AL11777</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/24/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/29/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>6</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-178-7

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-218-7

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION	
			UG/G	Q
1	12674-11-2	Aroclor 1016	0.300	U
1	11104-28-2	Aroclor 1221	0.300	U
1	11141-16-5	Aroclor 1232	0.300	U
1	53469-21-9	Aroclor 1242	6.56	AD
1	12672-29-6	Aroclor 1248	0.300	U
1	11097-69-1	Aroclor 1254	1.28	AF
1	11096-82-5	Aroclor 1260	0.300	U

Laboratory Qualifiers:

AD-Aroclor 1242 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.
 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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070155</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070155-06</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-106</u>
Sample wt(Dry)/vol: <u>10.9640 g</u>	Lab Sample ID: <u>AL11778</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/24/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/29/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>1</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-178-8

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-218-8

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION	
			UG/G	Q
1	12674-11-2	Aroclor 1016	0.0500	U
1	11104-28-2	Aroclor 1221	0.0500	U
1	11141-16-5	Aroclor 1232	0.0500	U
1	53469-21-9	Aroclor 1242	1.96	AD
1	12672-29-6	Aroclor 1248	0.0500	U
1	11097-69-1	Aroclor 1254	0.598	AF
1	11096-82-5	Aroclor 1260	0.0500	U

Laboratory Qualifiers:

AD-Aroclor 1242 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.
 U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (POL). POLs are adjusted for sample weight/volume and dilution factors.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070155</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070155-07</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-107</u>
Sample wt(Dry)/vol: <u>6.3400 g</u>	Lab Sample ID: <u>AL11779</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/24/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/29/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>7</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-178-9

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-218-9

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION	
			UG/G	Q
1	12674-11-2	Aroclor 1016	0.552	U
1	11104-28-2	Aroclor 1221	0.552	U
1	11141-16-5	Aroclor 1232	0.552	U
1	53469-21-9	Aroclor 1242	10.0	AD
1	12672-29-6	Aroclor 1248	0.552	U
1	11097-69-1	Aroclor 1254	0.552	U
1	11096-82-5	Aroclor 1260	0.552	U

Laboratory Qualifiers:

AD-Aroclor 1242 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
 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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070155</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070155-08</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-108</u>
Sample wt(Dry)/vol: <u>9.9350 g</u>	Lab Sample ID: <u>AL11780</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/24/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/29/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>7</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-178-11

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-218-11

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION	
			UG/G	Q
1	12674-11-2	Aroclor 1016	0.352	U
1	11104-28-2	Aroclor 1221	0.352	U
1	11141-16-5	Aroclor 1232	0.352	U
1	53469-21-9	Aroclor 1242	7.53	AD
1	12672-29-6	Aroclor 1248	0.352	U
1	11097-69-1	Aroclor 1254	0.352	U
1	11096-82-5	Aroclor 1260	0.352	U

Laboratory Qualifiers:

AD-Aroclor 1242 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
 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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070155</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070155-09</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-109</u>
Sample wt(Dry)/vol: <u>3.3830 g</u>	Lab Sample ID: <u>AL11781</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/24/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/29/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>60</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-178-12

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-218-12

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION	
			UG/G	Q
1	12674-11-2	Aroclor 1016	8.87	U
1	11104-28-2	Aroclor 1221	8.87	U
1	11141-16-5	Aroclor 1232	8.87	U
1	53469-21-9	Aroclor 1242	8.87	U
1	12672-29-6	Aroclor 1248	230	AE
1	11097-69-1	Aroclor 1254	8.87	U
1	11096-82-5	Aroclor 1260	8.87	U

Laboratory Qualifiers:

AE-Aroclor 1248 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
 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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070155</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070155-10</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-110</u>
Sample wt(Dry)/vol: <u>7.7160 g</u>	Lab Sample ID: <u>AL11782</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/24/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/29/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>1</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-178-13

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-218-13

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION	
			UG/G	Q
1	12674-11-2	Aroclor 1016	0.0648	U
1	11104-28-2	Aroclor 1221	0.0648	U
1	11141-16-5	Aroclor 1232	0.0648	U
1	53469-21-9	Aroclor 1242	0.694	AD
1	12672-29-6	Aroclor 1248	0.0648	U
1	11097-69-1	Aroclor 1254	0.0648	U
1	11096-82-5	Aroclor 1260	0.0648	U

Laboratory Qualifiers:

AD-Aroclor 1242 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.

Note: There were many non-target peaks.

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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070155</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070155-11</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-111</u>
Sample wt(Dry)/vol: <u>9.3630 g</u>	Lab Sample ID: <u>AL11783</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/24/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/30/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>3</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-178-14

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-218-14

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION	
			UG/G	Q
1	12674-11-2	Aroclor 1016	0.160	U
1	11104-28-2	Aroclor 1221	0.160	U
1	11141-16-5	Aroclor 1232	0.160	U
1	53469-21-9	Aroclor 1242	2.30	AD
1	12672-29-6	Aroclor 1248	0.160	U
1	11097-69-1	Aroclor 1254	0.909	AF
1	11096-82-5	Aroclor 1260	0.160	U

Laboratory Qualifiers:

AD-Aroclor 1242 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.
 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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070155</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070155-12</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-112</u>
Sample wt(Dry)/vol: <u>5.9940 g</u>	Lab Sample ID: <u>AL11784</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/24/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/30/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>2</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-178-15

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-218-15

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION	
			UG/G	Q
1	12674-11-2	Aroclor 1016	0.167	U
1	11104-28-2	Aroclor 1221	0.167	U
1	11141-16-5	Aroclor 1232	0.167	U
1	53469-21-9	Aroclor 1242	1.36	AD
1	12672-29-6	Aroclor 1248	0.167	U
1	11097-69-1	Aroclor 1254	2.00	AF
2	11096-82-5	Aroclor 1260	1.04	AG

Laboratory Qualifiers:

AD-Aroclor 1242 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.
 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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070161</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070161-04</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-912</u>
Sample wt(Dry)/vol: <u>8.6500 g</u>	Lab Sample ID: <u>AL11843</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/25/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>08/03/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>1</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-182-64

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-222-64

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION	
			UG/G	Q
1	12674-11-2	Aroclor 1016	0.0578	U
1	11104-28-2	Aroclor 1221	0.0578	U
1	11141-16-5	Aroclor 1232	0.0578	U
1	53469-21-9	Aroclor 1242	0.781	AD
1	12672-29-6	Aroclor 1248	0.0578	U
1	11097-69-1	Aroclor 1254	0.932	AF
2	11096-82-5	Aroclor 1260	0.410	AG

Laboratory Qualifiers:

AD-Aroclor 1242 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.
 Note: The TCMX and/or DCBP surrogate recovery was below lab-established limits due to sample matrix interference.
 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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070155</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070155-13</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-113</u>
Sample wt(Dry)/vol: <u>2.4350 g</u>	Lab Sample ID: <u>AL11785</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/24/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/30/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>2</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-178-16

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-218-16

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION	
			UG/G	Q
1	12674-11-2	Aroclor 1016	0.411	U
1	11104-28-2	Aroclor 1221	0.411	U
1	11141-16-5	Aroclor 1232	0.411	U
1	53469-21-9	Aroclor 1242	3.25	AD
1	12672-29-6	Aroclor 1248	0.411	U
2	11097-69-1	Aroclor 1254	2.82	AF
1	11096-82-5	Aroclor 1260	0.411	U

Laboratory Qualifiers:

AD-Aroclor 1242 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.
 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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070155</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070155-14</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-114</u>
Sample wt(Dry)/vol: <u>10.7850 g</u>	Lab Sample ID: <u>AL11786</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/24/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/30/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>1</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-218-17

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-178-17

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION	
			UG/G	Q
1	12674-11-2	Aroclor 1016	0.0500	U
1	11104-28-2	Aroclor 1221	0.0500	U
1	11141-16-5	Aroclor 1232	0.0500	U
1	53469-21-9	Aroclor 1242	0.0674	AF
1	12672-29-6	Aroclor 1248	0.0500	U
1	11097-69-1	Aroclor 1254	0.0500	U
1	11096-82-5	Aroclor 1260	0.267	AG

Laboratory Qualifiers:

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.
 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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070155</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070155-15</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-115</u>
Sample wt(Dry)/vol: <u>4.1780 g</u>	Lab Sample ID: <u>AL11787</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/24/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/30/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>1</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-178-18

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-218-18

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION	
			UG/G	Q
1	12674-11-2	Aroclor 1016	0.120	U
1	11104-28-2	Aroclor 1221	0.120	U
1	11141-16-5	Aroclor 1232	0.120	U
1	53469-21-9	Aroclor 1242	3.03	AD
1	12672-29-6	Aroclor 1248	0.120	U
1	11097-69-1	Aroclor 1254	0.120	U
1	11096-82-5	Aroclor 1260	0.120	U

Laboratory Qualifiers:

AD-Aroclor 1242 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
 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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070155</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070155-16</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-116</u>
Sample wt(Dry)/vol: <u>2.5900 g</u>	Lab Sample ID: <u>AL11788</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/24/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/30/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>1</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-218-19

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-178-19

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION	
			UG/G	Q
1	12674-11-2	Aroclor 1016	0.193	U
1	11104-28-2	Aroclor 1221	0.193	U
1	11141-16-5	Aroclor 1232	0.193	U
1	53469-21-9	Aroclor 1242	0.193	U
1	12672-29-6	Aroclor 1248	0.193	U
1	11097-69-1	Aroclor 1254	0.193	U
1	11096-82-5	Aroclor 1260	8.84	AG

Laboratory Qualifiers:

AG-Aroclor 1260 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
 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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070155</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070155-17</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-117</u>
Sample wt(Dry)/vol: <u>2.2130 g</u>	Lab Sample ID: <u>AL11789</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/24/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/30/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>20</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-178-21

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-218-21

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION	
			UG/G	Q
1	12674-11-2	Aroclor 1016	4.52	U
1	11104-28-2	Aroclor 1221	4.52	U
1	11141-16-5	Aroclor 1232	4.52	U
1	53469-21-9	Aroclor 1242	4.52	U
1	12672-29-6	Aroclor 1248	114	AE
1	11097-69-1	Aroclor 1254	4.52	U
1	11096-82-5	Aroclor 1260	4.52	U

Laboratory Qualifiers:

AE-Aroclor 1248 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
 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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070155</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070155-18</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-118</u>
Sample wt(Dry)/vol: <u>3.3940 g</u>	Lab Sample ID: <u>AL11790</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/24/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/30/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>1</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-218-22

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-178-22

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION	
			UG/G	Q
1	12674-11-2	Aroclor 1016	0.147	U
1	11104-28-2	Aroclor 1221	0.147	U
1	11141-16-5	Aroclor 1232	0.147	U
1	53469-21-9	Aroclor 1242	1.25	AD
1	12672-29-6	Aroclor 1248	0.147	U
2	11097-69-1	Aroclor 1254	0.599	AF
1	11096-82-5	Aroclor 1260	0.147	U

Laboratory Qualifiers:

AD-Aroclor 1242 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.
 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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070155</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070155-19</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-119</u>
Sample wt(Dry)/vol: <u>10.6620 g</u>	Lab Sample ID: <u>AL11791</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/24/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/30/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>1</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-218-23

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-178-23

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION	
			UG/G	Q
1	12674-11-2	Aroclor 1016	0.0500	U
1	11104-28-2	Aroclor 1221	0.0500	U
1	11141-16-5	Aroclor 1232	0.0500	U
1	53469-21-9	Aroclor 1242	0.388	AD
1	12672-29-6	Aroclor 1248	0.0500	U
1	11097-69-1	Aroclor 1254	0.0500	U
1	11096-82-5	Aroclor 1260	0.0500	U

Laboratory Qualifiers:

AD-Aroclor 1242 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
 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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070155</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070155-20</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-120</u>
Sample wt(Dry)/vol: <u>10.4440 g</u>	Lab Sample ID: <u>AL11792</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/24/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/30/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>4</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-178-26

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-218-26

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION	
			UG/G	Q
1	12674-11-2	Aroclor 1016	0.200	U
1	11104-28-2	Aroclor 1221	0.200	U
1	11141-16-5	Aroclor 1232	0.200	U
1	53469-21-9	Aroclor 1242	1.26	AD
1	12672-29-6	Aroclor 1248	0.200	U
1	11097-69-1	Aroclor 1254	0.481	AF
1	11096-82-5	Aroclor 1260	0.200	U

Laboratory Qualifiers:

AD-Aroclor 1242 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.
 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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070156</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070156-01</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-121</u>
Sample wt(Dry)/vol: <u>9.6910 g</u>	Lab Sample ID: <u>AL11793</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/24/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/29/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>5</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-217-37

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-177-37

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION	
			UG/G	Q
1	12674-11-2	Aroclor 1016	0.258	U
1	11104-28-2	Aroclor 1221	0.258	U
1	11141-16-5	Aroclor 1232	0.258	U
1	53469-21-9	Aroclor 1242	1.98	AD
1	12672-29-6	Aroclor 1248	0.258	U
1	11097-69-1	Aroclor 1254	0.258	U
1	11096-82-5	Aroclor 1260	0.258	U

Laboratory Qualifiers:

AD-Aroclor 1242 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
 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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070156</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070156-02</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-122</u>
Sample wt(Dry)/vol: <u>2.2520 g</u>	Lab Sample ID: <u>AL11794</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/24/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/29/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>1</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-177-38

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-217-38

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION	
			UG/G	Q
1	12674-11-2	Aroclor 1016	0.222	U
1	11104-28-2	Aroclor 1221	0.222	U
1	11141-16-5	Aroclor 1232	0.222	U
1	53469-21-9	Aroclor 1242	3.69	AD
1	12672-29-6	Aroclor 1248	0.222	U
1	11097-69-1	Aroclor 1254	1.29	AF
2	11096-82-5	Aroclor 1260	0.438	AG

Laboratory Qualifiers:

AD-Aroclor 1242 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.
 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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070156</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070156-03</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-123</u>
Sample wt(Dry)/vol: <u>10.6010 g</u>	Lab Sample ID: <u>AL11795</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/24/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/29/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>1</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-177-39

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-217-39

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION	
			UG/G	Q
1	12674-11-2	Aroclor 1016	0.0500	U
1	11104-28-2	Aroclor 1221	0.0500	U
1	11141-16-5	Aroclor 1232	0.0500	U
1	53469-21-9	Aroclor 1242	0.728	AD
1	12672-29-6	Aroclor 1248	0.0500	U
1	11097-69-1	Aroclor 1254	0.0500	U
1	11096-82-5	Aroclor 1260	0.0500	U

Laboratory Qualifiers:

AD-Aroclor 1242 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
 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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070156</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070156-04</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-124</u>
Sample wt(Dry)/vol: <u>4.2460 g</u>	Lab Sample ID: <u>AL11796</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/24/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/29/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>2</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-177-40

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-217-40

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION	
			UG/G	Q
1	12674-11-2	Aroclor 1016	0.236	U
1	11104-28-2	Aroclor 1221	0.236	U
1	11141-16-5	Aroclor 1232	0.236	U
1	53469-21-9	Aroclor 1242	2.40	AD
1	12672-29-6	Aroclor 1248	0.236	U
1	11097-69-1	Aroclor 1254	0.930	AF
1	11096-82-5	Aroclor 1260	0.236	U

Laboratory Qualifiers:

AD-Aroclor 1242 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.
 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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070156</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070156-05</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-125</u>
Sample wt(Dry)/vol: <u>10.0930 g</u>	Lab Sample ID: <u>AL11797</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/24/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/29/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>1</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-177-45

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-217-45

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION	
			UG/G	Q
1	12674-11-2	Aroclor 1016	0.0500	U
1	11104-28-2	Aroclor 1221	0.0500	U
1	11141-16-5	Aroclor 1232	0.0500	U
1	53469-21-9	Aroclor 1242	0.920	AD
1	12672-29-6	Aroclor 1248	0.0500	U
1	11097-69-1	Aroclor 1254	0.262	AF
1	11096-82-5	Aroclor 1260	0.0500	U

Laboratory Qualifiers:

AD-Aroclor 1242 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.
 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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070156</u>
ELAP ID No: <u>11078</u>	LRP ID: <u>08070156-06</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-126</u>
Sample wt(Dry)/vol: <u>1.7700 g</u>	Lab Sample ID: <u>AL11798</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/24/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/29/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>1</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-177-46

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-217-46

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION	
			UG/G	Q
1	12674-11-2	Aroclor 1016	0.282	U
1	11104-28-2	Aroclor 1221	0.282	U
1	11141-16-5	Aroclor 1232	0.282	U
1	53469-21-9	Aroclor 1242	0.282	U
1	12672-29-6	Aroclor 1248	1.95	AJ
1	11097-69-1	Aroclor 1254	0.282	U
1	11096-82-5	Aroclor 1260	0.282	U

Laboratory Qualifiers:

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.
 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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070156</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070156-07</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-127</u>
Sample wt(Dry)/vol: <u>7.5910 g</u>	Lab Sample ID: <u>AL11799</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/24/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/29/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>10</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-177-47

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-217-47

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION	
			UG/G	Q
1	12674-11-2	Aroclor 1016	0.659	U
1	11104-28-2	Aroclor 1221	0.659	U
1	11141-16-5	Aroclor 1232	0.659	U
1	53469-21-9	Aroclor 1242	0.659	U
1	12672-29-6	Aroclor 1248	22.8	AE
1	11097-69-1	Aroclor 1254	0.659	U
1	11096-82-5	Aroclor 1260	0.659	U

Laboratory Qualifiers:

AE-Aroclor 1248 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.

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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070161</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070161-05</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-927</u>
Sample wt(Dry)/vol: <u>6.1420 g</u>	Lab Sample ID: <u>AL11844</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/25/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>08/03/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>10</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-182-65

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-222-65

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION	
			UG/G	Q
1	12674-11-2	Aroclor 1016	0.814	U
1	11104-28-2	Aroclor 1221	0.814	U
1	11141-16-5	Aroclor 1232	0.814	U
1	53469-21-9	Aroclor 1242	8.85	AD
1	12672-29-6	Aroclor 1248	0.814	U
1	11097-69-1	Aroclor 1254	6.32	AF
1	11096-82-5	Aroclor 1260	0.814	U

Laboratory Qualifiers:

AD-Aroclor 1242 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.
 Note: The TCMX and/or DCBP surrogate recovery was below lab-established limits due to sample matrix interference.
 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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070156</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070156-08</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-128</u>
Sample wt(Dry)/vol: <u>8.4840 g</u>	Lab Sample ID: <u>AL11800</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/24/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/29/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>20</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-177-48

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-217-48

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION	
			UG/G	Q
1	12674-11-2	Aroclor 1016	1.18	U
1	11104-28-2	Aroclor 1221	1.18	U
1	11141-16-5	Aroclor 1232	1.18	U
1	53469-21-9	Aroclor 1242	1.18	U
1	12672-29-6	Aroclor 1248	25.1	AJ
1	11097-69-1	Aroclor 1254	1.18	U
1	11096-82-5	Aroclor 1260	1.18	U

Laboratory Qualifiers:

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.

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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070156</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070156-09</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-129</u>
Sample wt(Dry)/vol: <u>10.2640 g</u>	Lab Sample ID: <u>AL11801</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/24/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/29/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>1</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-177-50

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-217-49

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION	Q
			UG/G	
1	12674-11-2	Aroclor 1016	0.0500	U
1	11104-28-2	Aroclor 1221	0.0500	U
1	11141-16-5	Aroclor 1232	0.0500	U
1	53469-21-9	Aroclor 1242	0.853	AD
1	12672-29-6	Aroclor 1248	0.0500	U
1	11097-69-1	Aroclor 1254	0.0500	U
1	11096-82-5	Aroclor 1260	0.0500	U

Laboratory Qualifiers:

AD-Aroclor 1242 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
 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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070156</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070156-10</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-130</u>
Sample wt(Dry)/vol: <u>10.1000 g</u>	Lab Sample ID: <u>AL11802</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/24/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/29/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>2</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-177-51

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-217-50

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION	
			UG/G	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	1.78	AD
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

Laboratory Qualifiers:

AD-Aroclor 1242 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
 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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070156</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070156-11</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-131</u>
Sample wt(Dry)/vol: <u>10.7340 g</u>	Lab Sample ID: <u>AL11803</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/24/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/29/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>20</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-177-54

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-217-53

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION	
			UG/G	Q
1	12674-11-2	Aroclor 1016	1.00	U
1	11104-28-2	Aroclor 1221	1.00	U
1	11141-16-5	Aroclor 1232	1.00	U
1	53469-21-9	Aroclor 1242	1.00	U
1	12672-29-6	Aroclor 1248	26.4	AJ
1	11097-69-1	Aroclor 1254	1.00	U
1	11096-82-5	Aroclor 1260	1.00	U

Laboratory Qualifiers:

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.

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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070156</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070156-12</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-132</u>
Sample wt(Dry)/vol: <u>4.6320 g</u>	Lab Sample ID: <u>AL11804</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/24/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/29/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>10</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-177-56

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-217-55

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION	
			UG/G	Q
1	12674-11-2	Aroclor 1016	1.08	U
1	11104-28-2	Aroclor 1221	1.08	U
1	11141-16-5	Aroclor 1232	1.08	U
1	53469-21-9	Aroclor 1242	26.7	AD
1	12672-29-6	Aroclor 1248	1.08	U
1	11097-69-1	Aroclor 1254	5.81	AF
1	11096-82-5	Aroclor 1260	1.08	U

Laboratory Qualifiers:

AD-Aroclor 1242 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.
 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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070156</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070156-13</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-133</u>
Sample wt(Dry)/vol: <u>4.5840 g</u>	Lab Sample ID: <u>AL11805</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/24/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/29/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>10</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-177-57

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-217-56

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION	
			UG/G	Q
1	12674-11-2	Aroclor 1016	1.09	U
1	11104-28-2	Aroclor 1221	1.09	U
1	11141-16-5	Aroclor 1232	1.09	U
1	53469-21-9	Aroclor 1242	1.09	U
1	12672-29-6	Aroclor 1248	26.2	AE
1	11097-69-1	Aroclor 1254	1.09	U
1	11096-82-5	Aroclor 1260	1.09	U

Laboratory Qualifiers:

AE-Aroclor 1248 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
 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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070156</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070156-14</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-134</u>
Sample wt(Dry)/vol: <u>10.1200 g</u>	Lab Sample ID: <u>AL11806</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/24/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/29/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>3</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-177-58

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-217-57

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION	
			UG/G	Q
1	12674-11-2	Aroclor 1016	0.150	U
1	11104-28-2	Aroclor 1221	0.150	U
1	11141-16-5	Aroclor 1232	0.150	U
1	53469-21-9	Aroclor 1242	0.150	U
1	12672-29-6	Aroclor 1248	2.97	AE
1	11097-69-1	Aroclor 1254	2.60	AF
1	11096-82-5	Aroclor 1260	2.84	AG

Laboratory Qualifiers:

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.
 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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070156</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070156-15</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-135</u>
Sample wt(Dry)/vol: <u>8.3870 g</u>	Lab Sample ID: <u>AL11807</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/24/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/29/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>1</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-177-59

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-217-58

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION	
			UG/G	Q
1	12674-11-2	Aroclor 1016	0.0596	U
1	11104-28-2	Aroclor 1221	0.0596	U
1	11141-16-5	Aroclor 1232	0.0596	U
1	53469-21-9	Aroclor 1242	0.0596	U
1	12672-29-6	Aroclor 1248	0.820	AE
1	11097-69-1	Aroclor 1254	0.350	AF
2	11096-82-5	Aroclor 1260	0.144	AG

Laboratory Qualifiers:

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.
 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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070156</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070156-16</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-136</u>
Sample wt(Dry)/vol: <u>4.9510 g</u>	Lab Sample ID: <u>AL11808</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/24/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/29/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>2</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-177-60

Column 2 information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-217-59

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION	
			UG/G	Q
1	12674-11-2	Aroclor 1016	0.202	U
1	11104-28-2	Aroclor 1221	0.202	U
1	11141-16-5	Aroclor 1232	0.202	U
1	53469-21-9	Aroclor 1242	3.25	AD
1	12672-29-6	Aroclor 1248	0.202	U
1	11097-69-1	Aroclor 1254	0.559	AF
1	11096-82-5	Aroclor 1260	0.202	U

Laboratory Qualifiers:

AD-Aroclor 1242 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.
 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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070156</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070156-17</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-137</u>
Sample wt(Dry)/vol: <u>8.0180 g</u>	Lab Sample ID: <u>AL11809</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/24/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/29/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>1</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-177-61

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-217-60

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION	
			UG/G	Q
1	12674-11-2	Aroclor 1016	0.0624	U
1	11104-28-2	Aroclor 1221	0.0624	U
1	11141-16-5	Aroclor 1232	0.0624	U
1	53469-21-9	Aroclor 1242	0.216	AD
1	12672-29-6	Aroclor 1248	0.0624	U
1	11097-69-1	Aroclor 1254	0.118	AF
1	11096-82-5	Aroclor 1260	0.0624	U

Laboratory Qualifiers:

AD-Aroclor 1242 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.
 U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weigh/volume and dilution factors.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08080004</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08080004-16</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-140R</u>
Sample wt(Dry)/vol: <u>10.1440 g</u>	Lab Sample ID: <u>AL12323</u>
Percent Moisture: <u>0</u>	Date Received: <u>08/01/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>08/04/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>08/07/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>5</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-186-39

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-226-39

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION	
			UG/G	Q
1	12674-11-2	Aroclor 1016	0.250	U
1	11104-28-2	Aroclor 1221	0.250	U
1	11141-16-5	Aroclor 1232	0.250	U
1	53469-21-9	Aroclor 1242	2.88	AD
1	12672-29-6	Aroclor 1248	0.250	U
1	11097-69-1	Aroclor 1254	2.23	AF,P
2	11096-82-5	Aroclor 1260	1.14	AG

Laboratory Qualifiers:

AD-Aroclor 1242 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.
 Note: The percent recovery for the TCMX and DCBP surrogates were below lab-established limits due to sample matrix interference.
 P - Indicates relative percent difference(RPD) between primary and secondary GC column analysis exceeds 40 %.
 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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070157</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070157-02</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-142</u>
Sample wt(Dry)/vol: <u>4.2930 g</u>	Lab Sample ID: <u>AL11814</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/25/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/31/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>1</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-179-16

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-219-16

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION	
			UG/G	Q
1	12674-11-2	Aroclor 1016	0.116	U
1	11104-28-2	Aroclor 1221	0.116	U
1	11141-16-5	Aroclor 1232	0.116	U
1	53469-21-9	Aroclor 1242	0.341	AD
1	12672-29-6	Aroclor 1248	0.116	U
1	11097-69-1	Aroclor 1254	0.235	AF
2	11096-82-5	Aroclor 1260	0.250	AG

Laboratory Qualifiers:

AD-Aroclor 1242 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.
 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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070157</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070157-05</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-145</u>
Sample wt(Dry)/vol: <u>5.0660 g</u>	Lab Sample ID: <u>AL11817</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/25/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/31/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>1</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-179-17

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-219-17

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION	
			UG/G	Q
1	12674-11-2	Aroclor 1016	0.0987	U
1	11104-28-2	Aroclor 1221	0.0987	U
1	11141-16-5	Aroclor 1232	0.0987	U
1	53469-21-9	Aroclor 1242	0.296	AD
1	12672-29-6	Aroclor 1248	0.0987	U
1	11097-69-1	Aroclor 1254	0.232	AF
2	11096-82-5	Aroclor 1260	0.206	AG

Laboratory Qualifiers:

AD-Aroclor 1242 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.
 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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070157</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070157-06</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-146</u>
Sample wt(Dry)/vol: <u>10.3530 g</u>	Lab Sample ID: <u>AL11818</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/25/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/31/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>1</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-179-18

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-219-18

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION	
			UG/G	Q
1	12674-11-2	Aroclor 1016	0.0500	U
1	11104-28-2	Aroclor 1221	0.0500	U
1	11141-16-5	Aroclor 1232	0.0500	U
1	53469-21-9	Aroclor 1242	0.571	AD
1	12672-29-6	Aroclor 1248	0.0500	U
1	11097-69-1	Aroclor 1254	0.379	AF
2	11096-82-5	Aroclor 1260	0.174	AG

Laboratory Qualifiers:

AD-Aroclor 1242 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.
 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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070157</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070157-07</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-147</u>
Sample wt(Dry)/vol: <u>10.3230 g</u>	Lab Sample ID: <u>AL11819</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/25/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/31/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>1</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-219-19

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-179-19

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION	
			UG/G	Q
1	12674-11-2	Aroclor 1016	0.0500	U
1	11104-28-2	Aroclor 1221	0.0500	U
1	11141-16-5	Aroclor 1232	0.0500	U
1	53469-21-9	Aroclor 1242	0.0500	U
1	12672-29-6	Aroclor 1248	0.0500	U
1	11097-69-1	Aroclor 1254	0.0500	U
1	11096-82-5	Aroclor 1260	0.0500	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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070157</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070157-08</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-148</u>
Sample wt(Dry)/vol: <u>10.0470 g</u>	Lab Sample ID: <u>AL11820</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/25/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/31/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>4</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-179-20

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-219-20

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION	
			UG/G	Q
1	12674-11-2	Aroclor 1016	0.200	U
1	11104-28-2	Aroclor 1221	0.200	U
1	11141-16-5	Aroclor 1232	0.200	U
1	53469-21-9	Aroclor 1242	2.20	AD
1	12672-29-6	Aroclor 1248	0.200	U
1	11097-69-1	Aroclor 1254	1.34	AF
1	11096-82-5	Aroclor 1260	0.972	AG

Laboratory Qualifiers:

AD-Aroclor 1242 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.
 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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070157</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070157-09</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-149</u>
Sample wt(Dry)/vol: <u>10.3830 g</u>	Lab Sample ID: <u>AL11821</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/25/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/31/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>4</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-179-21

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-219-21

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION	
			UG/G	Q
1	12674-11-2	Aroclor 1016	0.200	U
1	11104-28-2	Aroclor 1221	0.200	U
1	11141-16-5	Aroclor 1232	0.200	U
2	53469-21-9	Aroclor 1242	1.12	AD
1	12672-29-6	Aroclor 1248	0.200	U
1	11097-69-1	Aroclor 1254	3.87	AF
2	11096-82-5	Aroclor 1260	2.07	AG

Laboratory Qualifiers:

AD-Aroclor 1242 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.
 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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070157</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070157-10</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-150</u>
Sample wt(Dry)/vol: <u>10.7880 g</u>	Lab Sample ID: <u>AL11822</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/25/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/31/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>1</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-219-22

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-179-22

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION	Q
			UG/G	
1	12674-11-2	Aroclor 1016	0.0500	U
1	11104-28-2	Aroclor 1221	0.0500	U
1	11141-16-5	Aroclor 1232	0.0500	U
1	53469-21-9	Aroclor 1242	0.0500	U
1	12672-29-6	Aroclor 1248	0.0500	U
1	11097-69-1	Aroclor 1254	0.0500	U
1	11096-82-5	Aroclor 1260	0.0500	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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070157</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070157-12</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-152</u>
Sample wt(Dry)/vol: <u>3.4310 g</u>	Lab Sample ID: <u>AL11824</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/25/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/31/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>1</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-219-24

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-179-24

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION	
			UG/G	Q
1	12674-11-2	Aroclor 1016	0.146	U
1	11104-28-2	Aroclor 1221	0.146	U
1	11141-16-5	Aroclor 1232	0.146	U
1	53469-21-9	Aroclor 1242	0.146	U
1	12672-29-6	Aroclor 1248	0.146	U
1	11097-69-1	Aroclor 1254	0.146	U
1	11096-82-5	Aroclor 1260	0.146	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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070157</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070157-14</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-154</u>
Sample wt(Dry)/vol: <u>5.4450 g</u>	Lab Sample ID: <u>AL11826</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/25/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/31/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>1</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-179-25

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-219-25

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION	
			UG/G	Q
1	12674-11-2	Aroclor 1016	0.0918	U
1	11104-28-2	Aroclor 1221	0.0918	U
1	11141-16-5	Aroclor 1232	0.0918	U
1	53469-21-9	Aroclor 1242	0.251	AD
1	12672-29-6	Aroclor 1248	0.0918	U
2	11097-69-1	Aroclor 1254	0.124	AF
1	11096-82-5	Aroclor 1260	0.0918	U

Laboratory Qualifiers:

AD-Aroclor 1242 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.

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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070157</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070157-15</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-155</u>
Sample wt(Dry)/vol: <u>5.4470 g</u>	Lab Sample ID: <u>AL11827</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/25/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/31/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>1</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-179-26

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-219-26

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION	Q
			UG/G	
1	12674-11-2	Aroclor 1016	0.0918	U
1	11104-28-2	Aroclor 1221	0.0918	U
1	11141-16-5	Aroclor 1232	0.0918	U
2	53469-21-9	Aroclor 1242	0.647	AD
1	12672-29-6	Aroclor 1248	0.0918	U
1	11097-69-1	Aroclor 1254	1.07	AF
1	11096-82-5	Aroclor 1260	0.0918	U

Laboratory Qualifiers:

AD-Aroclor 1242 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.
 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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070157</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070157-16</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-156</u>
Sample wt(Dry)/vol: <u>5.4580 g</u>	Lab Sample ID: <u>AL11828</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/25/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/31/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>2</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-179-29

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-219-29

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION	
			UG/G	Q
1	12674-11-2	Aroclor 1016	0.183	U
1	11104-28-2	Aroclor 1221	0.183	U
1	11141-16-5	Aroclor 1232	0.183	U
2	53469-21-9	Aroclor 1242	0.462	AD
1	12672-29-6	Aroclor 1248	0.183	U
1	11097-69-1	Aroclor 1254	1.12	AF,P
1	11096-82-5	Aroclor 1260	2.07	AG

Laboratory Qualifiers:

AD-Aroclor 1242 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.
 P - Indicates relative percent difference(RPD) between primary and secondary GC column analysis exceeds 40 %.
 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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070157</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070157-17</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-157</u>
Sample wt(Dry)/vol: <u>5.6790 g</u>	Lab Sample ID: <u>AL11829</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/25/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/31/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>2</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-219-30

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-179-30

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION	Q
			UG/G	
1	12674-11-2	Aroclor 1016	0.176	U
1	11104-28-2	Aroclor 1221	0.176	U
1	11141-16-5	Aroclor 1232	0.176	U
1	53469-21-9	Aroclor 1242	0.176	U
1	12672-29-6	Aroclor 1248	0.176	U
1	11097-69-1	Aroclor 1254	0.176	U
1	11096-82-5	Aroclor 1260	0.176	U

Laboratory Qualifiers:

Note: Elevated PQL, sample was analyzed at dilution due to matrix interference.

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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070157</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070157-18RR1</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-158</u>
Sample wt(Dry)/vol: <u>9.9470 g</u>	Lab Sample ID: <u>AL11830RR1</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/25/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>08/01/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>10</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-181-4

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-221-4

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION	
			UG/G	Q
1	12674-11-2	Aroclor 1016	0.503	U
1	11104-28-2	Aroclor 1221	0.503	U
1	11141-16-5	Aroclor 1232	0.503	U
1	53469-21-9	Aroclor 1242	1.37	AD
1	12672-29-6	Aroclor 1248	0.503	U
1	11097-69-1	Aroclor 1254	0.503	U
1	11096-82-5	Aroclor 1260	14.0	AG

Laboratory Qualifiers:

AD-Aroclor 1242 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.
 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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070157</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070157-19</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-159</u>
Sample wt(Dry)/vol: <u>9.3930 g</u>	Lab Sample ID: <u>AL11831</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/25/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/31/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>20</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-219-32

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-179-32

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION	
			UG/G	Q
1	12674-11-2	Aroclor 1016	1.06	U
1	11104-28-2	Aroclor 1221	1.06	U
1	11141-16-5	Aroclor 1232	1.06	U
1	53469-21-9	Aroclor 1242	1.06	U
1	12672-29-6	Aroclor 1248	1.06	U
1	11097-69-1	Aroclor 1254	1.06	U
1	11096-82-5	Aroclor 1260	1.06	U

Laboratory Qualifiers:

Note: Elevated PQL, sample was analyzed at dilution due to matrix interference.

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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070157</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070157-20</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-160</u>
Sample wt(Dry)/vol: <u>7.9650 g</u>	Lab Sample ID: <u>AL11832</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/25/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/31/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>10</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-219-38

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-179-38

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION	
			UG/G	Q
1	12674-11-2	Aroclor 1016	0.628	U
1	11104-28-2	Aroclor 1221	0.628	U
1	11141-16-5	Aroclor 1232	0.628	U
1	53469-21-9	Aroclor 1242	0.628	U
1	12672-29-6	Aroclor 1248	0.628	U
1	11097-69-1	Aroclor 1254	0.628	U
1	11096-82-5	Aroclor 1260	1.01	AG

Laboratory Qualifiers:

AG-Aroclor 1260 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
 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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070161</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070161-01</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-161</u>
Sample wt(Dry)/vol: <u>5.0460 g</u>	Lab Sample ID: <u>AL11840</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/25/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>08/03/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>1</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m, ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-182-61

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m, ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-222-61

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION	
			UG/G	Q
1	12674-11-2	Aroclor 1016	0.0991	U
1	11104-28-2	Aroclor 1221	0.0991	U
1	11141-16-5	Aroclor 1232	0.0991	U
1	53469-21-9	Aroclor 1242	0.841	AD
1	12672-29-6	Aroclor 1248	0.0991	U
1	11097-69-1	Aroclor 1254	0.593	AF
1	11096-82-5	Aroclor 1260	0.0991	U

Laboratory Qualifiers:

AD-Aroclor 1242 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.
 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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070161</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070161-02</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-162</u>
Sample wt(Dry)/vol: <u>8.5450 g</u>	Lab Sample ID: <u>AL11841</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/25/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>08/03/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>2</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-182-62

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-222-62

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION	
			UG/G	Q
1	12674-11-2	Aroclor 1016	0.117	U
1	11104-28-2	Aroclor 1221	0.117	U
1	11141-16-5	Aroclor 1232	0.117	U
1	53469-21-9	Aroclor 1242	1.16	AD
1	12672-29-6	Aroclor 1248	0.117	U
1	11097-69-1	Aroclor 1254	0.365	AF
1	11096-82-5	Aroclor 1260	0.117	U

Laboratory Qualifiers:

AD-Aroclor 1242 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.
 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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070161</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070161-06</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-962</u>
Sample wt(Dry)/vol: <u>6.3310 g</u>	Lab Sample ID: <u>AL11845</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/25/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>08/03/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>1</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-182-66

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-222-66

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION	
			UG/G	Q
1	12674-11-2	Aroclor 1016	0.0790	U
1	11104-28-2	Aroclor 1221	0.0790	U
1	11141-16-5	Aroclor 1232	0.0790	U
1	53469-21-9	Aroclor 1242	0.942	AD
1	12672-29-6	Aroclor 1248	0.0790	U
1	11097-69-1	Aroclor 1254	0.254	AF
1	11096-82-5	Aroclor 1260	0.0790	U

Laboratory Qualifiers:

AD-Aroclor 1242 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.
 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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070199</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070199-01</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-164</u>
Sample wt(Dry)/vol: <u>9.0540 g</u>	Lab Sample ID: <u>AL12080</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/29/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/30/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>08/03/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>1</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-182-71

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-222-71

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION	
			UG/G	Q
1	12674-11-2	Aroclor 1016	0.0552	U
1	11104-28-2	Aroclor 1221	0.0552	U
1	11141-16-5	Aroclor 1232	0.0552	U
1	53469-21-9	Aroclor 1242	0.848	AD
1	12672-29-6	Aroclor 1248	0.0552	U
1	11097-69-1	Aroclor 1254	0.0552	U
1	11096-82-5	Aroclor 1260	0.0552	U

Laboratory Qualifiers:

AD-Aroclor 1242 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
 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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070199</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070199-03</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-166</u>
Sample wt(Dry)/vol: <u>10.6670 g</u>	Lab Sample ID: <u>AL12082</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/29/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/30/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>08/03/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>1</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-222-72

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-182-72

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION	Q
			UG/G	
1	12674-11-2	Aroclor 1016	0.0500	U
1	11104-28-2	Aroclor 1221	0.0500	U
1	11141-16-5	Aroclor 1232	0.0500	U
1	53469-21-9	Aroclor 1242	0.158	AD
1	12672-29-6	Aroclor 1248	0.0500	U
1	11097-69-1	Aroclor 1254	0.0500	U
1	11096-82-5	Aroclor 1260	0.0500	U

Laboratory Qualifiers:

AD-Aroclor 1242 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
 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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070199</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070199-04</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-167</u>
Sample wt(Dry)/vol: <u>11.4270 g</u>	Lab Sample ID: <u>AL12083</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/29/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/30/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>08/03/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>1</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-182-73

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-222-73

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION	
			UG/G	Q
1	12674-11-2	Aroclor 1016	0.0500	U
1	11104-28-2	Aroclor 1221	0.0500	U
1	11141-16-5	Aroclor 1232	0.0500	U
1	53469-21-9	Aroclor 1242	0.280	AD
1	12672-29-6	Aroclor 1248	0.0500	U
1	11097-69-1	Aroclor 1254	0.317	AF
1	11096-82-5	Aroclor 1260	0.0500	U

Laboratory Qualifiers:

AD-Aroclor 1242 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.

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.

APPENDIX C – DATA VALIDATION REPORT

Memorandum

To: David Sullivan
From: Elizabeth Denly
CC:
Date: September 10, 2008
Subject: PCB Aroclor Data Validation Review: New Bedford, MA: Bulk and Wipe Samples Collected July 17, 2008 through July 30, 2008

SUMMARY

Limited validation was performed on the data for 63 bulk samples and eight wipe samples collected at New Bedford High School in New Bedford, Massachusetts. The samples were collected from July 17, 2008 through July 30, 2008 and were submitted to Northeast Analytical, Inc. (NEA) in Schenectady, New York for analysis. The samples were analyzed for polychlorinated biphenyls (PCBs) using SW-846 Method 8082. NEA reported the results under the following job numbers: 08070155, 08070156, 08070157, 08070161, 08070199, and 08080004.

The sample results were assessed using the *EPA New England Data Validation Functional Guidelines for Evaluating Environmental Analyses*, revised December 1996. Modification of these guidelines was performed to accommodate the non-CLP methodology.

In general, the data appear to be valid as reported and may be used for decision-making purposes. Positive results for select Aroclors were qualified as estimated (J) in most samples due to the presence of altered PCB patterns. Potential uncertainty exists for the positive results for Aroclor 1254 in samples TRC-Bulk-156 and TRC-Bulk-140R due to dual column variability. Potential uncertainty exists for Aroclors 1242, 1254, and 1260 in samples TRC-Bulk-112 and TRC-Bulk-912 and Aroclors 1242, 1248, and 1254 in samples TRC-Bulk-127 and TRC-Bulk-927 due to field duplicate variability. Potential uncertainty exists for Aroclor 1248 in samples TRC-Bulk-126, TRC-Bulk-128, and TRC-Bulk-131 due to potential interference from Aroclor 1242. Potential low bias exists for the positive and nondetect results for all Aroclors in samples TRC-Bulk-105, TRC-Bulk-137, TRC-Bulk-912, and TRC-Bulk-140R due to the low surrogate recoveries. Potential low bias exists for all Aroclors in sample TRC-Bulk-140R due to low recoveries in the LCS.

SAMPLES

Samples included in this review are listed below:

08070155

TRC-Bulk-101	TRC-Bulk-106	TRC-Bulk-111	TRC-Bulk-116
TRC-Bulk-102	TRC-Bulk-107	TRC-Bulk-112	TRC-Bulk-117
TRC-Bulk-103	TRC-Bulk-108	TRC-Bulk-113	TRC-Bulk-118
TRC-Bulk-104	TRC-Bulk-109	TRC-Bulk-114	TRC-Bulk-119
TRC-Bulk-105	TRC-Bulk-110	TRC-Bulk-115	TRC-Bulk-120

08070156

TRC-Bulk-121	TRC-Bulk-126	TRC-Bulk-131	TRC-Bulk-136
TRC-Bulk-122	TRC-Bulk-127	TRC-Bulk-132	TRC-Bulk-137
TRC-Bulk-123	TRC-Bulk-128	TRC-Bulk-133	TRC-Wipe-138
TRC-Bulk-124	TRC-Bulk-129	TRC-Bulk-134	TRC-Wipe-139
TRC-Bulk-125	TRC-Bulk-130	TRC-Bulk-135	TRC-Bulk-140**

** TRC-Bulk-140 was lost during sample extraction and was resampled on July 30, 2008 and reported in NEA report # 08080004.

08070157

TRC-Wipe-141	TRC-Bulk-146	TRC-Wipe-151	TRC-Bulk-156
TRC-Bulk-142	TRC-Bulk-147	TRC-Bulk-152	TRC-Bulk-157
TRC-Wipe-143	TRC-Bulk-148	TRC-Wipe-153	TRC-Bulk-158
TRC-Wipe-144	TRC-Bulk-149	TRC-Bulk-154	TRC-Bulk-159
TRC-Bulk-145	TRC-Bulk-150	TRC-Bulk-155	TRC-Bulk-160

08070161

TRC-Bulk-161	TRC-Bulk-163	TRC-Bulk-927 ²	TRC-Bulk-963 ⁴
TRC-Bulk-162	TRC-Bulk-912 ¹	TRC-Bulk-962 ³	

¹ Field duplicate of TRC-Bulk-112 (from 08070155)

² Field duplicate of TRC-Bulk-127 (from 08070156)

³ Field duplicate of TRC-Bulk-162

⁴ Field duplicate of TRC-Bulk-163

08070199

TRC-Bulk-164	TRC-Wipe-165	TRC-Bulk-166	TRC-Bulk-167
--------------	--------------	--------------	--------------

08080004

TRC-Bulk-140R

REVIEW ELEMENTS

Sample data were reviewed for the following parameters:

- Agreement of analyses conducted with TRC requests
- Holding times and sample preservation
- Initial and continuing calibrations
- Method blanks
- Surrogate spike recoveries
- Laboratory control sample (LCS) results
- Matrix spike/matrix spike duplicate (MS/MSD) results

- Field duplicate results
- Quantitation limits and sample results
- Target compound identification

DISCUSSION

Agreement of Analyses Conducted with TRC Requests

All sample reports were checked to verify that the results corresponded to analytical requests as designated on the chain-of-custody and any correspondence between TRC and the laboratory. All criteria were met.

Holding Times and Sample Preservation

Holding times were met for all samples. The cooler temperatures were within the acceptance criteria upon receipt at the laboratory for all samples with the exception of samples TRC-Bulk-164, TRC-Wipe-165, TRC-Bulk-166, TRC-Bulk-167, and TRC-Bulk-140R. The cooler temperatures for these samples were 14.6 and 14.8 °C. Due to the stable nature of PCBs, it was the opinion of the validator that qualification of the data was not required on the basis of the cooler temperature exceedance.

Initial and Continuing Calibrations

The percent relative standard deviations of all PCB Aroclors used in the initial calibrations were within the acceptance criteria. The percent differences of all PCB Aroclors used in the continuing calibrations were within the acceptance criteria.

Method Blanks

Target compounds were not detected in the laboratory method blanks associated with the PCB Aroclor analyses.

Surrogate Spike Recoveries

Select samples exhibited recoveries of the surrogates tetrachloro-m-xylene (TCMX) and/or decachlorobiphenyl (DCB) which were outside the acceptance criteria of 60-140%. The following table summarizes the surrogate recoveries in the affected samples.

Sample ID	TCMX Column 1	TCMX Column 2	DCB Column 1	DCB Column 2
TRC-Bulk-105 (6-fold)	53.9	55.1	29.9	44.6
TRC-Bulk-107 (7-fold)	-	-	-	53.5
TRC-Bulk-109 (60-fold)	14.9	-	0	0
TRC-Bulk-112 (2-fold)	-	21.8	-	-
TRC-Bulk-117 (20-fold)	-	153	-	-
TRC-Bulk-127 (10-fold)	45.4	-	32.1	35.9
TRC-Bulk-128 (20-fold)	50.2	-	-	-

Sample ID	TCMX Column 1	TCMX Column 2	DCB Column 1	DCB Column 2
TRC-Bulk-131 (20-fold)	47.1	-	58.5	49.7
TRC-Bulk-137	50.9	50.7	-	-
TRC-Wipe-153	-	-	210	-
TRC-Bulk-157 (2-fold)	-	-	145	-
TRC-Bulk-158 (10-fold)	-	-	0	-
TRC-Bulk-159 (20-fold)	48.2	-	0	1190
TRC-Bulk-912	48.2	44.1	55.4	-
TRC-Bulk-927 (10-fold)	-	43.1	57.4	-
TRC-Bulk-140R (5-fold)	40.8	41.8	42.9	52.2

- within criteria

Qualification of the results in samples with dilution factors ≥ 10 were not qualified on the basis of surrogate recoveries due to the elevated dilution; affected samples include TRC-Bulk-109, TRC-Bulk-117, TRC-Bulk-127, TRC-Bulk-128, TRC-Bulk-131, TRC-Bulk-158, TRC-Bulk-159, and TRC-Bulk-927. Qualification of the results in samples TRC-Bulk-107, TRC-Bulk-112, TRC-Wipe-153, and TRC-Bulk-157 was not required as the affected surrogate was within control limits on the alternate column. The positive and nondetect results for all Aroclors in samples TRC-Bulk-105, TRC-Bulk-137, TRC-Bulk-912, and TRC-Bulk-140R were qualified as estimated (J/UJ) due to the low surrogate recoveries.

LCS Results

An LCS was extracted and analyzed with each extraction batch. Recovery criteria were met in all LCSs with the exception of the LCS associated with sample TRC-Bulk-140R. The percent recoveries of Aroclor 1242 (61.7/67.3) in this LCS fell below the acceptance criteria. The positive and nondetect results for all Aroclors in this sample were qualified as estimated (J/UJ) as Aroclor 1242 was representative of all Aroclors in the LCS.

MS/MSD Results

MS/MSD analyses were performed on samples TRC-Bulk-119, TRC-Bulk-130, and TRC-Bulk-155. All recovery and relative percent difference (RPD) criteria were met for the MS/MSD analyses performed on samples TRC-Bulk-130 and TRC-Bulk-155. The recoveries of Aroclor 1242 (58.1%/59.7%) were outside of the acceptance criteria in the MS analysis performed on sample TRC-Bulk-119 on both columns. Qualification of the data on the basis of the low MS recoveries was not required.

Field Duplicate Results

Samples TRC-Bulk-112/TRC-Bulk-912, TRC-Bulk-127/TRC-Bulk-927, TRC-Bulk-162/TRC-Bulk-962, and TRC-Bulk-163/TRC-Bulk-963 were submitted as the field duplicate pairs with this sample set.

The following table summarizes the RPDs of the detected Aroclors in the field duplicate pair TRC-Bulk-112/TRC-Bulk-912, all of which were outside of the acceptance criteria. The positive results for Aroclors 1242, 1254, and 1260 in samples TRC-Bulk-112 and TRC-Bulk-912 were qualified as estimated (J).

PCB Aroclor	TRC-Bulk-112 (ug/g)	TRC-Bulk-912 (ug/g)	RPD (%)
Aroclor 1242	1.36	0.781	54.1
Aroclor 1254	2.00	0.932	72.8
Aroclor 1260	1.04	0.410	86.9

The following table summarizes the RPDs of the detected Aroclors in the field duplicate pair TRC-Bulk-127/TRC-Bulk-927. The RPDs of Aroclors 1242, 1248, and 1254 were not calculable (NC) due to a nondetect result in one of the two samples. Since the detected results were greater than 5x the quantitation limit in each instance, the positive and nondetect results for Aroclors 1242, 1248, and 1254 in samples TRC-Bulk-127 and TRC-Bulk-927 were qualified as estimated (J/UJ).

PCB Aroclor	TRC-Bulk-127 (ug/g)	TRC-Bulk-927 (ug/g)	RPD (%)
Aroclor 1242	0.659 U	8.85	NC
Aroclor 1248	22.8	0.814 U	NC
Aroclor 1254	0.659 U	6.32	NC

The following table summarizes the RPDs of the detected Aroclors in the field duplicate pair TRC-Bulk-162/TRC-Bulk-962, both of which were within the acceptance criteria.

PCB Aroclor	TRC-Bulk-162 (ug/g)	TRC-Bulk-962 (ug/g)	RPD (%)
Aroclor 1242	1.16	0.942	20.7
Aroclor 1254	0.365	0.254	35.9

The following table summarizes the RPDs of the detected Aroclors in the field duplicate pair TRC-Bulk-163/TRC-Bulk-963, both of which were within the acceptance criteria.

PCB Aroclor	TRC-Bulk-163 (ug/g)	TRC-Bulk-963 (ug/g)	RPD (%)
Aroclor 1242	1.06	0.751	34.1
Aroclor 1254	0.338	0.296	13.2

Quantitation Limits and Sample Results

The following table summarizes the dilutions performed due to the concentrations of select Aroclors which would have exceeded the calibration range if not diluted or due to chromatographic interference. Quantitation limits were elevated accordingly in each sample.

Sample ID	Dilution Factor	Reason for Dilution
TRC-Bulk-101	3-fold	Aroclor 1242

Sample ID	Dilution Factor	Reason for Dilution
TRC-Bulk-102	4-fold	Aroclor 1242
TRC-Bulk-105	6-fold	Aroclor 1242
TRC-Bulk-107	7-fold	Aroclor 1242
TRC-Bulk-108	7-fold	Aroclor 1242
TRC-Bulk-109	60-fold	Aroclor 1248
TRC-Bulk-111	3-fold	Aroclor 1242
TRC-Bulk-112	2-fold	Aroclor 1254
TRC-Bulk-113	2-fold	Aroclor 1242
TRC-Bulk-117	20-fold	Aroclor 1248
TRC-Bulk-120	4-fold	Aroclor 1242
TRC-Bulk-121	5-fold	Aroclor 1242
TRC-Bulk-124	2-fold	Aroclor 1242
TRC-Bulk-127	10-fold	Aroclor 1248
TRC-Bulk-128	20-fold	Aroclor 1248
TRC-Bulk-130	2-fold	Aroclor 1242
TRC-Bulk-131	20-fold	Aroclor 1248
TRC-Bulk-132	10-fold	Aroclors 1242/1254
TRC-Bulk-133	10-fold	Aroclor 1248
TRC-Bulk-134	3-fold	Aroclors 1248/1254/1260
TRC-Bulk-136	2-fold	Aroclor 1242
TRC-Bulk-148	4-fold	Aroclor 1242
TRC-Bulk-149	4-fold	Aroclors 1254/1260
TRC-Bulk-156	2-fold	Aroclor 1260
TRC-Bulk-157	2-fold	Chromatographic interference
TRC-Bulk-158	10-fold	Aroclor 1260
TRC-Bulk-159	20-fold	Chromatographic interference
TRC-Bulk-160	10-fold	Aroclor 1260
TRC-Bulk-162	2-fold	Aroclor 1242
TRC-Bulk-927	10-fold	Aroclors 1242/1254
TRC-Bulk-140R	5-fold	Aroclors 1242/1254

Target Compound Identification

All dual column RPDs for detected Aroclors were within the acceptance criteria with the exception of the RPD (56.6) for Aroclor 1254 in sample TRC-Bulk-156 and the RPD (52.7) for Aroclor 1254 in sample TRC-Bulk-140R. The positive results for Aroclor 1254 in samples TRC-Bulk-156 and TRC-Bulk-140R were therefore qualified as estimated (J).

The laboratory flagged most detected PCB results with an "AD", "AE", "AF", or "AG" qualifier to indicate that the samples exhibit altered PCB patterns and the reported Aroclors represent the best match under this circumstance. These qualifiers were changed to a "J" during validation to indicate the value was estimated.

Memorandum
September 10, 2008
Page 7 of 7

The laboratory flagged the Aroclor 1248 results with an "AJ" qualifier in samples TRC-Bulk-126, TRC-Bulk-128, and TRC-Bulk-131. These samples exhibited the likely presence of both Aroclors 1242 and 1248. Due to the significant number of overlapping peaks between these two Aroclors, the laboratory reported the Aroclor exhibiting the higher concentration. The "AJ" qualifier was changed to a "J" during validation to indicate the value was estimated.

**1D-1
PCB ANALYSIS DATA SHEET**

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070155</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070155-01</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-101</u>
Sample wt(Dry)/vol: <u>9.7330 g</u>	Lab Sample ID: <u>AL11773</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/24/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/29/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>3</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-178-3

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-218-3

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION	
			UG/G	Q
1	12674-11-2	Aroclor 1016	0.154	U
1	11104-28-2	Aroclor 1221	0.154	U
1	11141-16-5	Aroclor 1232	0.154	U
1	53469-21-9	Aroclor 1242	3.67	ADJ
1	12672-29-6	Aroclor 1248	0.154	U
1	11097-69-1	Aroclor 1254	0.154	U
1	11096-82-5	Aroclor 1260	0.154	U

Laboratory Qualifiers:

AD-Aroclor 1242 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
 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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070155</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070155-02</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-102</u>
Sample wt(Dry)/vol: <u>10.3660 g</u>	Lab Sample ID: <u>AL11774</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/24/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/29/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>4</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-178-4

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-218-4

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION	
			UG/G	Q
1	12674-11-2	Aroclor 1016	0.200	U
1	11104-28-2	Aroclor 1221	0.200	U
1	11141-16-5	Aroclor 1232	0.200	U
1	53469-21-9	Aroclor 1242	2.97	ADJ
1	12672-29-6	Aroclor 1248	0.200	U
1	11097-69-1	Aroclor 1254	0.200	U
1	11096-82-5	Aroclor 1260	0.200	U

Laboratory Qualifiers:
 AD-Aroclor 1242 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
 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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070155</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070155-03</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-103</u>
Sample wt(Dry)/vol: <u>10.3280 g</u>	Lab Sample ID: <u>AL11775</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/24/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/29/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>1</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-218-5

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-178-5

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION	Q
			UG/G	
1	12674-11-2	Aroclor 1016	0.0500	U
1	11104-28-2	Aroclor 1221	0.0500	U
1	11141-16-5	Aroclor 1232	0.0500	U
1	53469-21-9	Aroclor 1242	0.176	ADJ
1	12672-29-6	Aroclor 1248	0.0500	U
1	11097-69-1	Aroclor 1254	0.0500	U
1	11096-82-5	Aroclor 1260	0.0500	U

Laboratory Qualifiers:
 AD-Aroclor 1242 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
 Note: There were many non-target peaks.
 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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070155</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070155-04</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-104</u>
Sample wt(Dry)/vol: <u>5.2940 g</u>	Lab Sample ID: <u>AL11776</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/24/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/29/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>1</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-218-6

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-178-6

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION	
			UG/G	Q
1	12674-11-2	Aroclor 1016	0.0944	U
1	11104-28-2	Aroclor 1221	0.0944	U
1	11141-16-5	Aroclor 1232	0.0944	U
2	53469-21-9	Aroclor 1242	0.544	AG J
1	12672-29-6	Aroclor 1248	0.0944	U
1	11097-69-1	Aroclor 1254	0.0944	U
1	11096-82-5	Aroclor 1260	0.770	AG J

Laboratory Qualifiers:

AD-Aroclor 1242 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.

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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070155</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070155-05</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-105</u>
Sample wt(Dry)/vol: <u>10.0130 g</u>	Lab Sample ID: <u>AL11777</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/24/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/29/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>6</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um

Injection Volume: 1.0 uL

Lab File ID: GC20B-178-7

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um

Injection Volume: 1.0 uL

Lab File ID: GC20F-218-7

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION	
			UG/G	Q
1	12674-11-2	Aroclor 1016	0.300	U J
1	11104-28-2	Aroclor 1221	0.300	U
1	11141-16-5	Aroclor 1232	0.300	U
1	53469-21-9	Aroclor 1242	6.56	AD J
1	12672-29-6	Aroclor 1248	0.300	U J
1	11097-69-1	Aroclor 1254	1.28	AF J
1	11096-82-5	Aroclor 1260	0.300	U J

Laboratory Qualifiers:

AD-Aroclor 1242 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.

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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070155</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070155-06</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-106</u>
Sample wt(Dry)/vol: <u>10.9640 g</u>	Lab Sample ID: <u>AL11778</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/24/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/29/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>1</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m, ID: 0.25mm, 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-178-8

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m, ID: 0.25mm, 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-218-8

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION	Q
			UG/G	
1	12674-11-2	Aroclor 1016	0.0500	U
1	11104-28-2	Aroclor 1221	0.0500	U
1	11141-16-5	Aroclor 1232	0.0500	U
1	53469-21-9	Aroclor 1242	1.96	AD J
1	12672-29-6	Aroclor 1248	0.0500	U
1	11097-69-1	Aroclor 1254	0.598	AF J
1	11096-82-5	Aroclor 1260	0.0500	U

Laboratory Qualifiers:

AD-Aroclor 1242 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.
 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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070155</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070155-07</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-107</u>
Sample wt(Dry)/vol: <u>6.3400 g</u>	Lab Sample ID: <u>AL11779</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/24/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/29/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>7</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um

Injection Volume: 1.0 uL

Lab File ID: GC20B-178-9

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um

Injection Volume: 1.0 uL

Lab File ID: GC20F-218-9

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION	
			UG/G	Q
1	12674-11-2	Aroclor 1016	0.552	U
1	11104-28-2	Aroclor 1221	0.552	U
1	11141-16-5	Aroclor 1232	0.552	U
1	53469-21-9	Aroclor 1242	10.0	AD J
1	12672-29-6	Aroclor 1248	0.552	U
1	11097-69-1	Aroclor 1254	0.552	U
1	11096-82-5	Aroclor 1260	0.552	U

Laboratory Qualifiers:

AD-Aroclor 1242 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.

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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070155</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070155-08</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-108</u>
Sample wt(Dry)/vol: <u>9.9350 g</u>	Lab Sample ID: <u>AL11780</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/24/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/29/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>7</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-178-11

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-218-11

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION	Q
			UG/G	
1	12674-11-2	Aroclor 1016	0.352	U
1	11104-28-2	Aroclor 1221	0.352	U
1	11141-16-5	Aroclor 1232	0.352	U
1	53469-21-9	Aroclor 1242	7.53	AD
1	12672-29-6	Aroclor 1248	0.352	U
1	11097-69-1	Aroclor 1254	0.352	U
1	11096-82-5	Aroclor 1260	0.352	U

Laboratory Qualifiers:

AD-Aroclor 1242 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
 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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070155</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070155-09</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-109</u>
Sample wt(Dry)/vol: <u>3.3830 g</u>	Lab Sample ID: <u>AL11781</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/24/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/29/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>60</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m, ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-178-12

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m, ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-218-12

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION UG/G	Q
1	12674-11-2	Aroclor 1016	8.87	U
1	11104-28-2	Aroclor 1221	8.87	U
1	11141-16-5	Aroclor 1232	8.87	U
1	53469-21-9	Aroclor 1242	8.87	U
1	12672-29-6	Aroclor 1248	230	AEJ
1	11097-69-1	Aroclor 1254	8.87	U
1	11096-82-5	Aroclor 1260	8.87	U

Laboratory Qualifiers:

AE-Aroclor 1248 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
 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.

**1D-1
PCB ANALYSIS DATA SHEET**

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070155</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070155-10</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-110</u>
Sample wt(Dry)/vol: <u>7.7160 g</u>	Lab Sample ID: <u>AL11782</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/24/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/29/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>1</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-178-13

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-218-13

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION	
			UG/G	Q
1	12674-11-2	Aroclor 1016	0.0648	U
1	11104-28-2	Aroclor 1221	0.0648	U
1	11141-16-5	Aroclor 1232	0.0648	U
1	53469-21-9	Aroclor 1242	0.694	AD J
1	12672-29-6	Aroclor 1248	0.0648	U
1	11097-69-1	Aroclor 1254	0.0648	U
1	11096-82-5	Aroclor 1260	0.0648	U

Laboratory Qualifiers:

AD-Aroclor 1242 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.

Note: There were many non-target peaks.

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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070155</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070155-11</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-111</u>
Sample wt(Dry)/vol: <u>9.3630 g</u>	Lab Sample ID: <u>AL11783</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/24/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/30/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>3</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-178-14

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-218-14

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION	Q
			UG/G	
1	12674-11-2	Aroclor 1016	0.160	U
1	11104-28-2	Aroclor 1221	0.160	U
1	11141-16-5	Aroclor 1232	0.160	U
1	53469-21-9	Aroclor 1242	2.30	ADJ
1	12672-29-6	Aroclor 1248	0.160	U
1	11097-69-1	Aroclor 1254	0.909	AFJ
1	11096-82-5	Aroclor 1260	0.160	U

Laboratory Qualifiers:

AD-Aroclor 1242 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.
 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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070155</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070155-12</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-112</u>
Sample wt(Dry)/vol: <u>5.9940 g</u>	Lab Sample ID: <u>AL11784</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/24/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/30/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>2</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m, ID: 0.25mm, 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-178-15

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m, ID: 0.25mm, 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-218-15

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION UG/G	Q
1	12674-11-2	Aroclor 1016	0.167	U
1	11104-28-2	Aroclor 1221	0.167	U
1	11141-16-5	Aroclor 1232	0.167	U
1	53469-21-9	Aroclor 1242	1.36	AD J
1	12672-29-6	Aroclor 1248	0.167	U
1	11097-69-1	Aroclor 1254	2.00	AF J
2	11096-82-5	Aroclor 1260	1.04	AG J

Laboratory Qualifiers:

AD-Aroclor 1242 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.
 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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070155</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070155-13</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-113</u>
Sample wt(Dry)/vol: <u>2.4350 g</u>	Lab Sample ID: <u>AL11785</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/24/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/30/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>2</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-178-16

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-218-16

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION	Q
			UG/G	
1	12674-11-2	Aroclor 1016	0.411	U
1	11104-28-2	Aroclor 1221	0.411	U
1	11141-16-5	Aroclor 1232	0.411	U
1	53469-21-9	Aroclor 1242	3.25	AD J
1	12672-29-6	Aroclor 1248	0.411	U
2	11097-69-1	Aroclor 1254	2.82	AF J
1	11096-82-5	Aroclor 1260	0.411	U

Laboratory Qualifiers:

AD-Aroclor 1242 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.

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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070155</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070155-14</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-114</u>
Sample wt(Dry)/vol: <u>10.7850 g</u>	Lab Sample ID: <u>AL11786</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/24/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/30/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>1</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m, ID: 0.25mm; 0.25um

Injection Volume: 1.0 uL

Lab File ID: GC20F-218-17

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m, ID: 0.25mm; 0.20um

Injection Volume: 1.0 uL

Lab File ID: GC20B-178-17

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION UG/G	Q
1	12674-11-2	Aroclor 1016	0.0500	U
1	11104-28-2	Aroclor 1221	0.0500	U
1	11141-16-5	Aroclor 1232	0.0500	U
1	53469-21-9	Aroclor 1242	0.0674	AFJ
1	12672-29-6	Aroclor 1248	0.0500	U
1	11097-69-1	Aroclor 1254	0.0500	U
1	11096-82-5	Aroclor 1260	0.267	AGJ

Laboratory Qualifiers:

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.

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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070155</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070155-15</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-115</u>
Sample wt(Dry)/vol: <u>4.1780 g</u>	Lab Sample ID: <u>AL11787</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/24/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/30/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>1</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-178-18

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-218-18

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION	Q
			UG/G	
1	12674-11-2	Aroclor 1016	0.120	U
1	11104-28-2	Aroclor 1221	0.120	U
1	11141-16-5	Aroclor 1232	0.120	U
1	53469-21-9	Aroclor 1242	3.03	ADJ
1	12672-29-6	Aroclor 1248	0.120	U
1	11097-69-1	Aroclor 1254	0.120	U
1	11096-82-5	Aroclor 1260	0.120	U

Laboratory Qualifiers:

AD-Aroclor 1242 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
 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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070155</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070155-16</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-116</u>
Sample wt(Dry)/vol: <u>2.5900 g</u>	Lab Sample ID: <u>AL11788</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/24/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/30/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>1</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-218-19

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-178-19

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION	Q
			UG/G	
1	12674-11-2	Aroclor 1016	0.193	U
1	11104-28-2	Aroclor 1221	0.193	U
1	11141-16-5	Aroclor 1232	0.193	U
1	53469-21-9	Aroclor 1242	0.193	U
1	12672-29-6	Aroclor 1248	0.193	U
1	11097-69-1	Aroclor 1254	0.193	U
1	11096-82-5	Aroclor 1260	8.84	AG J

Laboratory Qualifiers:

AG-Aroclor 1260 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
 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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070155</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070155-17</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-117</u>
Sample wt(Dry)/vol: <u>2.2130 g</u>	Lab Sample ID: <u>AL11789</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/24/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/30/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>20</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m, ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-178-21

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m, ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-218-21

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION	Q
			UG/G	
1	12674-11-2	Aroclor 1016	4.52	U
1	11104-28-2	Aroclor 1221	4.52	U
1	11141-16-5	Aroclor 1232	4.52	U
1	53469-21-9	Aroclor 1242	4.52	U
1	12672-29-6	Aroclor 1248	114	AE J
1	11097-69-1	Aroclor 1254	4.52	U
1	11096-82-5	Aroclor 1260	4.52	U

Laboratory Qualifiers:

AE-Aroclor 1248 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
 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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070155</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070155-18</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-118</u>
Sample wt(Dry)/vol: <u>3.3940 g</u>	Lab Sample ID: <u>AL11790</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/24/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/30/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>1</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m, ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-218-22

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m, ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-178-22

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION	Q
			UG/G	
1	12674-11-2	Aroclor 1016	0.147	U
1	11104-28-2	Aroclor 1221	0.147	U
1	11141-16-5	Aroclor 1232	0.147	U
1	53469-21-9	Aroclor 1242	1.25	ADJ
1	12672-29-6	Aroclor 1248	0.147	U
2	11097-69-1	Aroclor 1254	0.599	AFJ
1	11096-82-5	Aroclor 1260	0.147	U

Laboratory Qualifiers:
 AD-Aroclor 1242 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.
 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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070155</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070155-19</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-119</u>
Sample wt(Dry)/vol: <u>10.6620 g</u>	Lab Sample ID: <u>AL11791</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/24/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/30/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>1</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-218-23

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-178-23

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION UG/G	Q
1	12674-11-2	Aroclor 1016	0.0500	U
1	11104-28-2	Aroclor 1221	0.0500	U
1	11141-16-5	Aroclor 1232	0.0500	U
1	53469-21-9	Aroclor 1242	0.388	ADJ
1	12672-29-6	Aroclor 1248	0.0500	U
1	11097-69-1	Aroclor 1254	0.0500	U
1	11096-82-5	Aroclor 1260	0.0500	U

Laboratory Qualifiers:

AD-Aroclor 1242 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
 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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070155</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070155-20</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-120</u>
Sample wt(Dry)/vol: <u>10.4440 g</u>	Lab Sample ID: <u>AL11792</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/24/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/30/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>4</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-178-26

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-218-26

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION UG/G	Q
1	12674-11-2	Aroclor 1016	0.200	U
1	11104-28-2	Aroclor 1221	0.200	U
1	11141-16-5	Aroclor 1232	0.200	U
1	53469-21-9	Aroclor 1242	1.26	AD J
1	12672-29-6	Aroclor 1248	0.200	U
1	11097-69-1	Aroclor 1254	0.481	AF J
1	11096-82-5	Aroclor 1260	0.200	U

Laboratory Qualifiers:

AD-Aroclor 1242 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.

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.

**1D-1
PCB ANALYSIS DATA SHEET**

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070156</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070156-01</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-121</u>
Sample wt(Dry)/vol: <u>9.6910 g</u>	Lab Sample ID: <u>AL11793</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/24/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/29/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>5</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-217-37

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-177-37

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION	
			UG/G	Q
1	12674-11-2	Aroclor 1016	0.258	U
1	11104-28-2	Aroclor 1221	0.258	U
1	11141-16-5	Aroclor 1232	0.258	U
1	53469-21-9	Aroclor 1242	1.98	ADJ
1	12672-29-6	Aroclor 1248	0.258	U
1	11097-69-1	Aroclor 1254	0.258	U
1	11096-82-5	Aroclor 1260	0.258	U

Laboratory Qualifiers:
 AD-Aroclor 1242 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
 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.

**1D-1
PCB ANALYSIS DATA SHEET**

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070156</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070156-02</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-122</u>
Sample wt(Dry)/vol: <u>2.2520 g</u>	Lab Sample ID: <u>AL11794</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/24/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/29/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>1</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-177-38

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-217-38

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION	Q
			UG/G	
1	12674-11-2	Aroclor 1016	0.222	U
1	11104-28-2	Aroclor 1221	0.222	U
1	11141-16-5	Aroclor 1232	0.222	U
1	53469-21-9	Aroclor 1242	3.69	AFJ
1	12672-29-6	Aroclor 1248	0.222	U
1	11097-69-1	Aroclor 1254	1.29	AFJ
2	11096-82-5	Aroclor 1260	0.438	AGJ

Laboratory Qualifiers:

AO-Aroclor 1242 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.
 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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070156</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070156-03</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-123</u>
Sample wt(Dry)/vol: <u>10.6010 g</u>	Lab Sample ID: <u>AL11795</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/24/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/29/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>1</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-177-39

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-217-39

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION	
			UG/G	Q
1	12674-11-2	Aroclor 1016	0.0500	U
1	11104-28-2	Aroclor 1221	0.0500	U
1	11141-16-5	Aroclor 1232	0.0500	U
1	53469-21-9	Aroclor 1242	0.728	ADJ
1	12672-29-6	Aroclor 1248	0.0500	U
1	11097-69-1	Aroclor 1254	0.0500	U
1	11096-82-5	Aroclor 1260	0.0500	U

Laboratory Qualifiers:

AD-Aroclor 1242 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
 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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070156</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070156-04</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-124</u>
Sample wt(Dry)/vol: <u>4.2460 g</u>	Lab Sample ID: <u>AL11796</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/24/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/29/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>2</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-177-40

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-217-40

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION UG/G	Q
1	12674-11-2	Aroclor 1016	0.236	U
1	11104-28-2	Aroclor 1221	0.236	U
1	11141-16-5	Aroclor 1232	0.236	U
1	53469-21-9	Aroclor 1242	2.40	AD J
1	12672-29-6	Aroclor 1248	0.236	U
1	11097-69-1	Aroclor 1254	0.930	AF J
1	11096-82-5	Aroclor 1260	0.236	U

Laboratory Qualifiers:

AD-Aroclor 1242 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.

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.

**1D-1
PCB ANALYSIS DATA SHEET**

Laboratory Name:	<u>Northeast Analytical, Inc.</u>	SDG No:	<u>08070156</u>
ELAP ID No:	<u>11078</u>	LRF ID:	<u>08070156-05</u>
Matrix:	<u>Solid</u>	Client ID:	<u>TRC-BULK-125</u>
Sample wt(Dry)/vol:	<u>10.0930 g</u>	Lab Sample ID:	<u>AL11797</u>
Percent Moisture:	<u>0</u>	Date Received:	<u>07/23/2008</u>
Extraction:	<u>SOXHLET</u>	Date Extracted:	<u>07/24/2008</u>
Conc. Extract Volume:	<u>25000 uL</u>	Date Analyzed:	<u>07/29/2008</u>
Method:	<u>SW-846 8082 (PCB)</u>	Dilution Factor:	<u>1</u>
		Sulfur Cleanup:	<u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m, ID: 0.25mm, 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-177-45

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m, ID: 0.25mm, 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-217-45

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION	Q
			UG/G	
1	12674-11-2	Aroclor 1016	0.0500	U
1	11104-28-2	Aroclor 1221	0.0500	U
1	11141-16-5	Aroclor 1232	0.0500	U
1	53469-21-9	Aroclor 1242	0.920	ADJ
1	12672-29-6	Aroclor 1248	0.0500	U
1	11097-69-1	Aroclor 1254	0.262	AFJ
1	11096-82-5	Aroclor 1260	0.0500	U

Laboratory Qualifiers:

AD-Aroclor 1242 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.
 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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070156</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070156-06</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-126</u>
Sample wt(Dry)/vol: <u>1.7700 g</u>	Lab Sample ID: <u>AL11798</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/24/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/29/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>1</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-177-46

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-217-46

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION	
			UG/G	Q
1	12674-11-2	Aroclor 1016	0.282	U
1	11104-28-2	Aroclor 1221	0.282	U
1	11141-16-5	Aroclor 1232	0.282	U
1	53469-21-9	Aroclor 1242	0.282	U
1	12672-29-6	Aroclor 1248	1.95	AJ
1	11097-69-1	Aroclor 1254	0.282	U
1	11096-82-5	Aroclor 1260	0.282	U

Laboratory Qualifiers:

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.
 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.

**1D-1
PCB ANALYSIS DATA SHEET**

Laboratory Name:	<u>Northeast Analytical, Inc.</u>	SDG No:	<u>08070156</u>
ELAP ID No:	<u>11078</u>	LRF ID:	<u>08070156-07</u>
Matrix:	<u>Solid</u>	Client ID:	<u>TRC-BULK-127</u>
Sample wt(Dry)/vol:	<u>7.5910 g</u>	Lab Sample ID:	<u>AL11799</u>
Percent Moisture:	<u>0</u>	Date Received:	<u>07/23/2008</u>
Extraction:	<u>SOXHLET</u>	Date Extracted:	<u>07/24/2008</u>
Conc. Extract Volume:	<u>25000 uL</u>	Date Analyzed:	<u>07/29/2008</u>
Method:	<u>SW-846 8082 (PCB)</u>	Dilution Factor:	<u>10</u>
		Sulfur Cleanup:	<u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m, ID: 0.25mm; 0.20um

Injection Volume: 1.0 uL

Lab File ID: GC20B-177-47

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m, ID: 0.25mm; 0.25um

Injection Volume: 1.0 uL

Lab File ID: GC20F-217-47

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION	Q
			UG/G	
1	12674-11-2	Aroclor 1016	0.659	U
1	11104-28-2	Aroclor 1221	0.659	U
1	11141-16-5	Aroclor 1232	0.659	U
1	53469-21-9	Aroclor 1242	0.659	U J
1	12672-29-6	Aroclor 1248	22.8	AE J
1	11097-69-1	Aroclor 1254	0.659	U J
1	11096-82-5	Aroclor 1260	0.659	U

Laboratory Qualifiers:

AE-Aroclor 1248 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.

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.

**1D-1
PCB ANALYSIS DATA SHEET**

Laboratory Name:	<u>Northeast Analytical, Inc.</u>	SDG No:	<u>08070156</u>
ELAP ID No:	<u>11078</u>	LRF ID:	<u>08070156-08</u>
Matrix:	<u>Solid</u>	Client ID:	<u>TRC-BULK-128</u>
Sample wt(Dry)/vol:	<u>8.4840 g</u>	Lab Sample ID:	<u>AL11800</u>
Percent Moisture:	<u>0</u>	Date Received:	<u>07/23/2008</u>
Extraction:	<u>SOXHLET</u>	Date Extracted:	<u>07/24/2008</u>
Conc. Extract Volume:	<u>25000 uL</u>	Date Analyzed:	<u>07/29/2008</u>
Method:	<u>SW-846 8082 (PCB)</u>	Dilution Factor:	<u>20</u>
		Sulfur Cleanup:	<u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-177-48

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-217-48

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION	
			UG/G	Q
1	12674-11-2	Aroclor 1016	1.18	U
1	11104-28-2	Aroclor 1221	1.18	U
1	11141-16-5	Aroclor 1232	1.18	U
1	53469-21-9	Aroclor 1242	1.18	U
1	12672-29-6	Aroclor 1248	25.1	AJ
1	11097-69-1	Aroclor 1254	1.18	U
1	11096-82-5	Aroclor 1260	1.18	U

Laboratory Qualifiers:
 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.
 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.

**1D-1
PCB ANALYSIS DATA SHEET**

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070156</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070156-09</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-129</u>
Sample wt(Dry)/vol: <u>10.2640 g</u>	Lab Sample ID: <u>AL11801</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/24/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/29/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>1</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-177-50

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-217-49

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION	
			UG/G	Q
1	12674-11-2	Aroclor 1016	0.0500	U
1	11104-28-2	Aroclor 1221	0.0500	U
1	11141-16-5	Aroclor 1232	0.0500	U
1	53469-21-9	Aroclor 1242	0.853	ADJ
1	12672-29-6	Aroclor 1248	0.0500	U
1	11097-69-1	Aroclor 1254	0.0500	U
1	11096-82-5	Aroclor 1260	0.0500	U

Laboratory Qualifiers:
 AD-Aroclor 1242 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
 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.

**1D-1
PCB ANALYSIS DATA SHEET**

Laboratory Name:	<u>Northeast Analytical, Inc.</u>	SDG No:	<u>08070156</u>
ELAP ID No:	<u>11078</u>	LRF ID:	<u>08070156-10</u>
Matrix:	<u>Solid</u>	Client ID:	<u>TRC-BULK-130</u>
Sample wt(Dry)/vol:	<u>10.1000 g</u>	Lab Sample ID:	<u>AL11802</u>
Percent Moisture:	<u>0</u>	Date Received:	<u>07/23/2008</u>
Extraction:	<u>SOXHLET</u>	Date Extracted:	<u>07/24/2008</u>
Conc. Extract Volume:	<u>25000 uL</u>	Date Analyzed:	<u>07/29/2008</u>
Method:	<u>SW-846 8082 (PCB)</u>	Dilution Factor:	<u>2</u>
		Sulfur Cleanup:	<u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-177-51

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-217-50

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION	
			UG/G	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	1.78	AD J
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

Laboratory Qualifiers:

AD-Aroclor 1242 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
 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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070156</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070156-11</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-131</u>
Sample wt(Dry)/vol: <u>10.7340 g</u>	Lab Sample ID: <u>AL11803</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/24/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/29/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>20</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-177-54

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-217-53

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION	
			UG/G	Q
1	12674-11-2	Aroclor 1016	1.00	U
1	11104-28-2	Aroclor 1221	1.00	U
1	11141-16-5	Aroclor 1232	1.00	U
1	53469-21-9	Aroclor 1242	1.00	U
1	12672-29-6	Aroclor 1248	26.4	AJ 5
1	11097-69-1	Aroclor 1254	1.00	U
1	11096-82-5	Aroclor 1260	1.00	U

Laboratory Qualifiers:

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.
 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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070156</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070156-12</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-132</u>
Sample wt(Dry)/vol: <u>4.6320 g</u>	Lab Sample ID: <u>AL11804</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/24/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/29/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>10</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m, ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-177-56

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m, ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-217-55

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION UG/G	Q
1	12674-11-2	Aroclor 1016	1.08	U
1	11104-28-2	Aroclor 1221	1.08	U
1	11141-16-5	Aroclor 1232	1.08	U
1	53469-21-9	Aroclor 1242	26.7	AD J
1	12672-29-6	Aroclor 1248	1.08	U
1	11097-69-1	Aroclor 1254	5.81	AF J
1	11096-82-5	Aroclor 1260	1.08	U

Laboratory Qualifiers:

AD-Aroclor 1242 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.

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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070156</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070156-13</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-133</u>
Sample wt(Dry)/vol: <u>4.5840 g</u>	Lab Sample ID: <u>AL11805</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/24/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/29/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>10</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m, ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-177-57

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m, ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-217-56

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION	
			UG/G	Q
1	12674-11-2	Aroclor 1016	1.09	U
1	11104-28-2	Aroclor 1221	1.09	U
1	11141-16-5	Aroclor 1232	1.09	U
1	53469-21-9	Aroclor 1242	1.09	U
1	12672-29-6	Aroclor 1248	26.2	AE J
1	11097-69-1	Aroclor 1254	1.09	U
1	11096-82-5	Aroclor 1260	1.09	U

Laboratory Qualifiers:

AE-Aroclor 1248 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
 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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070156</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070156-14</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-134</u>
Sample wt(Dry)/vol: <u>10.1200 g</u>	Lab Sample ID: <u>AL11806</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/24/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/29/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>3</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um

Injection Volume: 1.0 uL

Lab File ID: GC20B-177-58

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um

Injection Volume: 1.0 uL

Lab File ID: GC20F-217-57

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION	Q
			UG/G	
1	12674-11-2	Aroclor 1016	0.150	U
1	11104-28-2	Aroclor 1221	0.150	U
1	11141-16-5	Aroclor 1232	0.150	U
1	53469-21-9	Aroclor 1242	0.150	U
1	12672-29-6	Aroclor 1248	2.97	AE J
1	11097-69-1	Aroclor 1254	2.60	AF J
1	11096-82-5	Aroclor 1260	2.84	AG J

Laboratory Qualifiers:

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.

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.

**1D-1
PCB ANALYSIS DATA SHEET**

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070156</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070156-15</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-135</u>
Sample wt(Dry)/vol: <u>8.3870 g</u>	Lab Sample ID: <u>AL11807</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/24/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/29/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>1</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-177-59

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-217-58

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION	
			UG/G	Q
1	12674-11-2	Aroclor 1016	0.0596	U
1	11104-28-2	Aroclor 1221	0.0596	U
1	11141-16-5	Aroclor 1232	0.0596	U
1	53469-21-9	Aroclor 1242	0.0596	U
1	12672-29-6	Aroclor 1248	0.820	AE J
1	11097-69-1	Aroclor 1254	0.350	AF J
2	11096-82-5	Aroclor 1260	0.144	AG J

Laboratory Qualifiers:

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.
 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.

**1D-1
PCB ANALYSIS DATA SHEET**

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070156</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070156-16</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-136</u>
Sample wt(Dry)/vol: <u>4.9510 g</u>	Lab Sample ID: <u>AL11808</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/24/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/29/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>2</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-177-60

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-217-59

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION	Q
			UG/G	
1	12674-11-2	Aroclor 1016	0.202	U
1	11104-28-2	Aroclor 1221	0.202	U
1	11141-16-5	Aroclor 1232	0.202	U
1	53469-21-9	Aroclor 1242	3.25	AD J
1	12672-29-6	Aroclor 1248	0.202	U
1	11097-69-1	Aroclor 1254	0.559	AF J
1	11096-82-5	Aroclor 1260	0.202	U

Laboratory Qualifiers:

AD-Aroclor 1242 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.
 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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070156</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070156-17</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-137</u>
Sample wt(Dry)/vol: <u>8.0180 g</u>	Lab Sample ID: <u>AL11809</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/24/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/29/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>1</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m, ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-177-61

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m, ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-217-60

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION	Q
			UG/G	
1	12674-11-2	Aroclor 1016	0.0624	U <i>J</i>
1	11104-28-2	Aroclor 1221	0.0624	U <i>J</i>
1	11141-16-5	Aroclor 1232	0.0624	U <i>J</i>
1	53469-21-9	Aroclor 1242	0.216	AD <i>J</i>
1	12672-29-6	Aroclor 1248	0.0624	U <i>J</i>
1	11097-69-1	Aroclor 1254	0.118	AF <i>J</i>
1	11096-82-5	Aroclor 1260	0.0624	U <i>J</i>

Laboratory Qualifiers:
 AD-Aroclor 1242 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.
 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.

**1D-1
PCB ANALYSIS DATA SHEET**

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070156</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070156-18</u>
Matrix: <u>Wipe</u>	Client ID: <u>TRC-WIPE-138</u>
Sample wt(Dry)/vol: <u>N/A</u>	Lab Sample ID: <u>AL11810</u>
Percent Moisture: <u>N/A</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/23/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/28/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>1</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-217-19

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-177-19

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION UG/WIPE	Q
1	12674-11-2	Aroclor 1016	0.500	U
1	11104-28-2	Aroclor 1221	0.500	U
1	11141-16-5	Aroclor 1232	0.500	U
1	53469-21-9	Aroclor 1242	0.500	U
1	12672-29-6	Aroclor 1248	1.99	AE J
1	11097-69-1	Aroclor 1254	3.29	AF J
1	11096-82-5	Aroclor 1260	1.79	AG J

Laboratory Qualifiers:

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.
 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.

**1D-1
PCB ANALYSIS DATA SHEET**

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070156</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070156-19</u>
Matrix: <u>Wipe</u>	Client ID: <u>TRC-WIPE-139</u>
Sample wt(Dry)/vol: <u>N/A</u>	Lab Sample ID: <u>AL11811</u>
Percent Moisture: <u>N/A</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/23/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/28/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>1</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m, ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-177-21

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m, ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-217-21

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION UG/WIPE	Q
1	12674-11-2	Aroclor 1016	0.500	U
1	11104-28-2	Aroclor 1221	0.500	U
1	11141-16-5	Aroclor 1232	0.500	U
1	53469-21-9	Aroclor 1242	0.500	U
1	12672-29-6	Aroclor 1248	0.897	AE J
1	11097-69-1	Aroclor 1254	1.41	AF J
1	11096-82-5	Aroclor 1260	0.500	U

Laboratory Qualifiers:

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.
 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.

**1D-1
PCB ANALYSIS DATA SHEET**

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070157</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070157-01</u>
Matrix: <u>Wipe</u>	Client ID: <u>TRC-WIPE-141</u>
Sample wt(Dry)/vol: <u>N/A</u>	Lab Sample ID: <u>AL11813</u>
Percent Moisture: <u>N/A</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/23/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/28/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>1</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-217-23

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-177-23

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION UG/WIPE	Q
1	12674-11-2	Aroclor 1016	0.500	U
1	11104-28-2	Aroclor 1221	0.500	U
1	11141-16-5	Aroclor 1232	0.500	U
1	53469-21-9	Aroclor 1242	0.500	U
1	12672-29-6	Aroclor 1248	0.567	AE J
1	11097-69-1	Aroclor 1254	0.500	U
1	11096-82-5	Aroclor 1260	0.782	AG J

Laboratory Qualifiers:

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.
 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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070157</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070157-02</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-142</u>
Sample wt(Dry)/vol: <u>4.2930 g</u>	Lab Sample ID: <u>AL11814</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/25/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/31/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>1</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m, ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-179-16

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m, ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-219-16

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION	
			UG/G	Q
1	12674-11-2	Aroclor 1016	0.116	U
1	11104-28-2	Aroclor 1221	0.116	U
1	11141-16-5	Aroclor 1232	0.116	U
1	53469-21-9	Aroclor 1242	0.341	AD J
1	12672-29-6	Aroclor 1248	0.116	U
1	11097-69-1	Aroclor 1254	0.235	AF J
2	11096-82-5	Aroclor 1260	0.250	AG J

Laboratory Qualifiers:

AD-Aroclor 1242 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.
 U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (POL). POLs are adjusted for sample weight/volume and dilution factors.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070157</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070157-03</u>
Matrix: <u>Wipe</u>	Client ID: <u>TRC-WIPE-143</u>
Sample wt(Dry)/vol: <u>N/A</u>	Lab Sample ID: <u>AL11815</u>
Percent Moisture: <u>N/A</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/23/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/28/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>1</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-217-26

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-177-26

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION UG/WIPE	Q
1	12674-11-2	Aroclor 1016	0.500	U
1	11104-28-2	Aroclor 1221	0.500	U
1	11141-16-5	Aroclor 1232	0.500	U
1	53469-21-9	Aroclor 1242	0.500	U
1	12672-29-6	Aroclor 1248	0.500	U
1	11097-69-1	Aroclor 1254	0.500	U
1	11096-82-5	Aroclor 1260	0.500	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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070157</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070157-04</u>
Matrix: <u>Wipe</u>	Client ID: <u>TRC-WIPE-144</u>
Sample wt(Dry)/vol: <u>N/A</u>	Lab Sample ID: <u>AL11816</u>
Percent Moisture: <u>N/A</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/23/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/28/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>1</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-217-28

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-177-28

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION UG/WIPE	Q
1	12674-11-2	Aroclor 1016	0.500	U
1	11104-28-2	Aroclor 1221	0.500	U
1	11141-16-5	Aroclor 1232	0.500	U
1	53469-21-9	Aroclor 1242	0.500	U
1	12672-29-6	Aroclor 1248	1.53	AE <i>JS</i>
1	11097-69-1	Aroclor 1254	0.500	U
1	11096-82-5	Aroclor 1260	0.500	U

Laboratory Qualifiers:

AE-Aroclor 1248 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
 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.

**1D-1
PCB ANALYSIS DATA SHEET**

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070157</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070157-05</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-145</u>
Sample wt(Dry)/vol: <u>5.0660 g</u>	Lab Sample ID: <u>AL11817</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/25/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/31/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>1</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-179-17

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-219-17

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION	
			UG/G	Q
1	12674-11-2	Aroclor 1016	0.0987	U
1	11104-28-2	Aroclor 1221	0.0987	U
1	11141-16-5	Aroclor 1232	0.0987	U
1	53469-21-9	Aroclor 1242	0.296	AD J
1	12672-29-6	Aroclor 1248	0.0987	U
1	11097-69-1	Aroclor 1254	0.232	AF J
2	11096-82-5	Aroclor 1260	0.206	AG J

Laboratory Qualifiers:

AD-Aroclor 1242 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.
 U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (POL). PQLs are adjusted for sample weight/volume and dilution factors.

FORM I-CLP-PCB (NEA)

Print Date: 08/04/2008
 File Name Version: 4.6.0.6

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070157</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070157-06</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-146</u>
Sample wt(Dry)/vol: <u>10.3530 g</u>	Lab Sample ID: <u>AL11818</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/25/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/31/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>1</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-179-18

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-219-18

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION UG/G	Q
1	12674-11-2	Aroclor 1016	0.0500	U
1	11104-28-2	Aroclor 1221	0.0500	U
1	11141-16-5	Aroclor 1232	0.0500	U
1	53469-21-9	Aroclor 1242	0.571	AD J
1	12672-29-6	Aroclor 1248	0.0500	U
1	11097-69-1	Aroclor 1254	0.379	AF J
2	11096-82-5	Aroclor 1260	0.174	AG J

Laboratory Qualifiers:

AD-Aroclor 1242 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.
 U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (POL). PQLs are adjusted for sample weight/volume and dilution factors.

FORM I-CLP-PCB (NEA)

Print Date: 08/04/2008
New Limits Version: 1.4.0.5

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070157</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070157-07</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-147</u>
Sample wt(Dry)/vol: <u>10.3230 g</u>	Lab Sample ID: <u>AL11819</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/25/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/31/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>1</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-219-19

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-179-19

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION	
			UG/G	Q
1	12674-11-2	Aroclor 1016	0.0500	U
1	11104-28-2	Aroclor 1221	0.0500	U
1	11141-16-5	Aroclor 1232	0.0500	U
1	53469-21-9	Aroclor 1242	0.0500	U
1	12672-29-6	Aroclor 1248	0.0500	U
1	11097-69-1	Aroclor 1254	0.0500	U
1	11096-82-5	Aroclor 1260	0.0500	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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070157</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070157-08</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-148</u>
Sample wt(Dry)/vol: <u>10.0470 g</u>	Lab Sample ID: <u>AL11820</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/25/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/31/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>4</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-179-20

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-219-20

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION	
			UG/G	Q
1	12674-11-2	Aroclor 1016	0.200	U
1	11104-28-2	Aroclor 1221	0.200	U
1	11141-16-5	Aroclor 1232	0.200	U
1	53469-21-9	Aroclor 1242	2.20	AD J
1	12672-29-6	Aroclor 1248	0.200	U
1	11097-69-1	Aroclor 1254	1.34	AF J
1	11096-82-5	Aroclor 1260	0.972	AG J

Laboratory Qualifiers:

AD-Aroclor 1242 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.
 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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070157</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070157-09</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-149</u>
Sample wt(Dry)/vol: <u>10.3830 g</u>	Lab Sample ID: <u>AL11821</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/25/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/31/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>4</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m, ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-179-21

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m, ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-219-21

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION	Q
			UG/G	
1	12674-11-2	Aroclor 1016	0.200	U
1	11104-28-2	Aroclor 1221	0.200	U
1	11141-16-5	Aroclor 1232	0.200	U
2	53469-21-9	Aroclor 1242	1.12	AD J
1	12672-29-6	Aroclor 1248	0.200	U
1	11097-69-1	Aroclor 1254	3.87	AF J
2	11096-82-5	Aroclor 1260	2.07	AG J

Laboratory Qualifiers:

AD-Aroclor 1242 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.
 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.

FORM I-CLP-PCB (NEA)

Print Date: 08/04/2008
 Neo Lims Version: 4.4.0.8

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070157</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070157-10</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-150</u>
Sample wt(Dry)/vol: <u>10.7880 g</u>	Lab Sample ID: <u>AL11822</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/25/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/31/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>1</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-219-22

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-179-22

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION UG/G	Q
1	12674-11-2	Aroclor 1016	0.0500	U
1	11104-28-2	Aroclor 1221	0.0500	U
1	11141-16-5	Aroclor 1232	0.0500	U
1	53469-21-9	Aroclor 1242	0.0500	U
1	12672-29-6	Aroclor 1248	0.0500	U
1	11097-69-1	Aroclor 1254	0.0500	U
1	11096-82-5	Aroclor 1260	0.0500	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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070157</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070157-11</u>
Matrix: <u>Wipe</u>	Client ID: <u>TRC-WIPE-151</u>
Sample wt(Dry)/vol: <u>N/A</u>	Lab Sample ID: <u>AL11823</u>
Percent Moisture: <u>N/A</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/23/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/28/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>1</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-177-30

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-217-30

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION UG/WIPE	Q
1	12674-11-2	Aroclor 1016	0.500	U
1	11104-28-2	Aroclor 1221	0.500	U
1	11141-16-5	Aroclor 1232	0.500	U
1	53469-21-9	Aroclor 1242	0.500	U
1	12672-29-6	Aroclor 1248	0.944	AE J
2	11097-69-1	Aroclor 1254	0.606	AF J
1	11096-82-5	Aroclor 1260	0.500	U

Laboratory Qualifiers:

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.

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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070157</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070157-12</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-152</u>
Sample wt(Dry)/vol: <u>3.4310 g</u>	Lab Sample ID: <u>AL11824</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/25/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/31/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>1</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m, ID: 0.25mm, 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-219-24

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m, ID: 0.25mm, 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-179-24

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION	Q
			UG/G	
1	12674-11-2	Aroclor 1016	0.146	U
1	11104-28-2	Aroclor 1221	0.146	U
1	11141-16-5	Aroclor 1232	0.146	U
1	53469-21-9	Aroclor 1242	0.146	U
1	12672-29-6	Aroclor 1248	0.146	U
1	11097-69-1	Aroclor 1254	0.146	U
1	11096-82-5	Aroclor 1260	0.146	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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070157</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070157-13</u>
Matrix: <u>Wipe</u>	Client ID: <u>TRC-WIPE-153</u>
Sample wt(Dry)/vol: <u>N/A</u>	Lab Sample ID: <u>AL11825</u>
Percent Moisture: <u>N/A</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/23/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/29/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>1</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-217-32

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-177-32

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION UG/WIPE	Q
1	12674-11-2	Aroclor 1016	0.500	U
1	11104-28-2	Aroclor 1221	0.500	U
1	11141-16-5	Aroclor 1232	0.500	U
1	53469-21-9	Aroclor 1242	0.500	U
1	12672-29-6	Aroclor 1248	0.500	U
1	11097-69-1	Aroclor 1254	0.500	U
1	11096-82-5	Aroclor 1260	0.500	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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070157</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070157-14</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-154</u>
Sample wt(Dry)/vol: <u>5.4450 g</u>	Lab Sample ID: <u>AL11826</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/25/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/31/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>1</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-179-25

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-219-25

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION	
			UG/G	Q
1	12674-11-2	Aroclor 1016	0.0918	U
1	11104-28-2	Aroclor 1221	0.0918	U
1	11141-16-5	Aroclor 1232	0.0918	U
1	53469-21-9	Aroclor 1242	0.251	AD J
1	12672-29-6	Aroclor 1248	0.0918	U
2	11097-69-1	Aroclor 1254	0.124	AF J
1	11096-82-5	Aroclor 1260	0.0918	U

Laboratory Qualifiers:

AD-Aroclor 1242 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.
 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.

**1D-1
PCB ANALYSIS DATA SHEET**

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070157</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070157-15</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-155</u>
Sample wt(Dry)/vol: <u>5.4470 g</u>	Lab Sample ID: <u>AL11827</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/25/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/31/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>1</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m, ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-179-26

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m, ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-219-26

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION	Q
			UG/G	
1	12674-11-2	Aroclor 1016	0.0918	U
1	11104-28-2	Aroclor 1221	0.0918	U
1	11141-16-5	Aroclor 1232	0.0918	U
2	53469-21-9	Aroclor 1242	0.647	AD J
1	12672-29-6	Aroclor 1248	0.0918	U
1	11097-69-1	Aroclor 1254	1.07	AF J
1	11096-82-5	Aroclor 1260	0.0918	U

Laboratory Qualifiers:

AD-Aroclor 1242 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.
 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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070157</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070157-16</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-156</u>
Sample wt(Dry)/vol: <u>5.4580 g</u>	Lab Sample ID: <u>AL11828</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/25/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/31/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>2</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-179-29

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-219-29

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION	Q
			UG/G	
1	12674-11-2	Aroclor 1016	0.183	U
1	11104-28-2	Aroclor 1221	0.183	U
1	11141-16-5	Aroclor 1232	0.183	U
2	53469-21-9	Aroclor 1242	0.462	AD J
1	12672-29-6	Aroclor 1248	0.183	U
1	11097-69-1	Aroclor 1254	1.12	AF P J
1	11096-82-5	Aroclor 1260	2.07	AG J

Laboratory Qualifiers:

AD-Aroclor 1242 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.
 P - Indicates relative percent difference(RPD) between primary and secondary GC column analysis exceeds 40 %.
 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.

FORM I-CLP-PCB (NEA)

Print Date: 08/04/2008
 Neo Lims Version: 4.4.0.0

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070157</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070157-17</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-157</u>
Sample wt(Dry)/vol: <u>5.6790 g</u>	Lab Sample ID: <u>AL11829</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/25/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/31/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>2</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-219-30

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-179-30

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION	
			UG/G	Q
1	12674-11-2	Aroclor 1016	0.176	U
1	11104-28-2	Aroclor 1221	0.176	U
1	11141-16-5	Aroclor 1232	0.176	U
1	53469-21-9	Aroclor 1242	0.176	U
1	12672-29-6	Aroclor 1248	0.176	U
1	11097-69-1	Aroclor 1254	0.176	U
1	11096-82-5	Aroclor 1260	0.176	U

Laboratory Qualifiers:

Note: Elevated POL, sample was analyzed at dilution due to matrix interference.

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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070157</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070157-18RR1</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-158</u>
Sample wt(Dry)/vol: <u>9.9470 g</u>	Lab Sample ID: <u>AL11830RR1</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/25/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>08/01/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>10</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-181-4

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-221-4

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION	
			UG/G	Q
1	12674-11-2	Aroclor 1016	0.503	U
1	11104-28-2	Aroclor 1221	0.503	U
1	11141-16-5	Aroclor 1232	0.503	U
1	53469-21-9	Aroclor 1242	1.37	ADJ
1	12672-29-6	Aroclor 1248	0.503	U
1	11097-69-1	Aroclor 1254	0.503	U
1	11096-82-5	Aroclor 1260	14.0	AGJ

Laboratory Qualifiers:

AD-Aroclor 1242 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.
 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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070157</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070157-19</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-159</u>
Sample wt(Dry)/vol: <u>9.3930 g</u>	Lab Sample ID: <u>AL11831</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/25/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/31/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>20</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-219-32

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-179-32

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION	
			UG/G	Q
1	12674-11-2	Aroclor 1016	1.06	U
1	11104-28-2	Aroclor 1221	1.06	U
1	11141-16-5	Aroclor 1232	1.06	U
1	53469-21-9	Aroclor 1242	1.06	U
1	12672-29-6	Aroclor 1248	1.06	U
1	11097-69-1	Aroclor 1254	1.06	U
1	11096-82-5	Aroclor 1260	1.06	U

Laboratory Qualifiers:

Note: Elevated PQL, sample was analyzed at dilution due to matrix interference.

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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070157</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070157-20</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-160</u>
Sample wt(Dry)/vol: <u>7.9650 g</u>	Lab Sample ID: <u>AL11832</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/25/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>07/31/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>10</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m, ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-219-38

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m, ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-179-38

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION	
			UG/G	Q
1	12674-11-2	Aroclor 1016	0.628	U
1	11104-28-2	Aroclor 1221	0.628	U
1	11141-16-5	Aroclor 1232	0.628	U
1	53469-21-9	Aroclor 1242	0.628	U
1	12672-29-6	Aroclor 1248	0.628	U
1	11097-69-1	Aroclor 1254	0.628	U
1	11096-82-5	Aroclor 1260	1.01	AG J

Laboratory Qualifiers:
 AG-Aroclor 1260 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
 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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070161</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070161-01</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-161</u>
Sample wt(Dry)/vol: <u>5.0460 g</u>	Lab Sample ID: <u>AL11840</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/25/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>08/03/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>1</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-182-61

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-222-61

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION UG/G	Q
1	12674-11-2	Aroclor 1016	0.0991	U
1	11104-28-2	Aroclor 1221	0.0991	U
1	11141-16-5	Aroclor 1232	0.0991	U
1	53469-21-9	Aroclor 1242	0.841	AFJ
1	12672-29-6	Aroclor 1248	0.0991	U
1	11097-69-1	Aroclor 1254	0.593	AFJ
1	11096-82-5	Aroclor 1260	0.0991	U

Laboratory Qualifiers:

AO-Aroclor 1242 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.
 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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070161</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070161-02</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-162</u>
Sample wt(Dry)/vol: <u>8.5450 g</u>	Lab Sample ID: <u>AL11841</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/25/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>08/03/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>2</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-182-62

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-222-62

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION	Q
			UG/G	
1	12674-11-2	Aroclor 1016	0.117	U
1	11104-28-2	Aroclor 1221	0.117	U
1	11141-16-5	Aroclor 1232	0.117	U
1	53469-21-9	Aroclor 1242	1.16	ADJ
1	12672-29-6	Aroclor 1248	0.117	U
1	11097-69-1	Aroclor 1254	0.365	AFJ
1	11096-82-5	Aroclor 1260	0.117	U

Laboratory Qualifiers:

AD-Aroclor 1242 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.
 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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070161</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070161-03</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-163</u>
Sample wt(Dry)/vol: <u>8.3580 g</u>	Lab Sample ID: <u>AL11842</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/25/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>08/03/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>1</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-182-63

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-222-63

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION	
			UG/G	Q
1	12674-11-2	Aroclor 1016	0.0598	U
1	11104-28-2	Aroclor 1221	0.0598	U
1	11141-16-5	Aroclor 1232	0.0598	U
1	53469-21-9	Aroclor 1242	1.06	ADJ
1	12672-29-6	Aroclor 1248	0.0598	U
1	11097-69-1	Aroclor 1254	0.338	AFJ
1	11096-82-5	Aroclor 1260	0.0598	U

Laboratory Qualifiers:

AD-Aroclor 1242 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.
 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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070161</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070161-04</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-912</u>
Sample wt(Dry)/vol: <u>8.6500 g</u>	Lab Sample ID: <u>AL11843</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/25/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>08/03/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>1</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-182-64

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-222-64

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION	Q
			UG/G	
1	12674-11-2	Aroclor 1016	0.0578	U J
1	11104-28-2	Aroclor 1221	0.0578	U J
1	11141-16-5	Aroclor 1232	0.0578	U J
1	53469-21-9	Aroclor 1242	0.781	AD J
1	12672-29-6	Aroclor 1248	0.0578	U J
1	11097-69-1	Aroclor 1254	0.932	AF J
2	11096-82-5	Aroclor 1260	0.410	AG J

Laboratory Qualifiers:

AD-Aroclor 1242 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.
 Note: The TCMX and/or DCBP surrogate recovery was below lab-established limits due to sample matrix interference.
 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.

**1D-1
PCB ANALYSIS DATA SHEET**

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070161</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070161-05</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-927</u>
Sample wt(Dry)/vol: <u>6.1420 g</u>	Lab Sample ID: <u>AL11844</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/25/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>08/03/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>10</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-182-65

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-222-65

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION	Q
			UG/G	
1	12674-11-2	Aroclor 1016	0.814	U
1	11104-28-2	Aroclor 1221	0.814	U
1	11141-16-5	Aroclor 1232	0.814	U
1	53469-21-9	Aroclor 1242	8.85	AD J
1	12672-29-6	Aroclor 1248	0.814	U J
1	11097-69-1	Aroclor 1254	6.32	AF J
1	11096-82-5	Aroclor 1260	0.814	U

Laboratory Qualifiers:

AD-Aroclor 1242 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.
 Note: The TCMX and/or DCBP surrogate recovery was below lab-established limits due to sample matrix interference.
 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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070161</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070161-06</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-962</u>
Sample wt(Dry)/vol: <u>6.3310 g</u>	Lab Sample ID: <u>AL11845</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/25/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>08/03/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>1</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-182-66

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-222-66

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION UG/G	Q
1	12674-11-2	Aroclor 1016	0.0790	U
1	11104-28-2	Aroclor 1221	0.0790	U
1	11141-16-5	Aroclor 1232	0.0790	U
1	53469-21-9	Aroclor 1242	0.942	AD J
1	12672-29-6	Aroclor 1248	0.0790	U
1	11097-69-1	Aroclor 1254	0.254	AF J
1	11096-82-5	Aroclor 1260	0.0790	U

Laboratory Qualifiers:

AD-Aroclor 1242 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.
 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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070161</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070161-07</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-963</u>
Sample wt(Dry)/vol: <u>7.8250 g</u>	Lab Sample ID: <u>AL11846</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/23/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/25/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>08/03/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>1</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-182-67

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-222-67

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION	Q
			UG/G	
1	12674-11-2	Aroclor 1016	0.0639	U
1	11104-28-2	Aroclor 1221	0.0639	U
1	11141-16-5	Aroclor 1232	0.0639	U
1	53469-21-9	Aroclor 1242	0.751	ADJ
1	12672-29-6	Aroclor 1248	0.0639	U
1	11097-69-1	Aroclor 1254	0.296	AFJ
1	11096-82-5	Aroclor 1260	0.0639	U

Laboratory Qualifiers:

AD-Aroclor 1242 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.

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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070199</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070199-01</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-164</u>
Sample wt(Dry)/vol: <u>9.0540 g</u>	Lab Sample ID: <u>AL12080</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/29/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/30/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>08/03/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>1</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m, ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-182-71

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m, ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-222-71

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION UG/G	Q
1	12674-11-2	Aroclor 1016	0.0552	U
1	11104-28-2	Aroclor 1221	0.0552	U
1	11141-16-5	Aroclor 1232	0.0552	U
1	53469-21-9	Aroclor 1242	0.848	ADJ
1	12672-29-6	Aroclor 1248	0.0552	U
1	11097-69-1	Aroclor 1254	0.0552	U
1	11096-82-5	Aroclor 1260	0.0552	U

Laboratory Qualifiers:
 AO-Aroclor 1242 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
 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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070199</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070199-02</u>
Matrix: <u>Wipe</u>	Client ID: <u>TRC-WIPE-165</u>
Sample wt(Dry)/vol: <u>N/A</u>	Lab Sample ID: <u>AL12081</u>
Percent Moisture: <u>N/A</u>	Date Received: <u>07/29/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/29/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>08/02/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>1</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-222-3

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-182-3

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION UG/WIPE	Q
1	12674-11-2	Aroclor 1016	0.500	U
1	11104-28-2	Aroclor 1221	0.500	U
1	11141-16-5	Aroclor 1232	0.500	U
1	53469-21-9	Aroclor 1242	0.500	U
1	12672-29-6	Aroclor 1248	0.500	U
1	11097-69-1	Aroclor 1254	0.500	U
1	11096-82-5	Aroclor 1260	0.500	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.

**1D-1
PCB ANALYSIS DATA SHEET**

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070199</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070199-03</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-166</u>
Sample wt(Dry)/vol: <u>10.6670 g</u>	Lab Sample ID: <u>AL12082</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/29/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/30/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>08/03/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>1</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m, ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-222-72

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m, ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-182-72

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION UG/G	Q
1	12674-11-2	Aroclor 1016	0.0500	U
1	11104-28-2	Aroclor 1221	0.0500	U
1	11141-16-5	Aroclor 1232	0.0500	U
1	53469-21-9	Aroclor 1242	0.158	ADJ
1	12672-29-6	Aroclor 1248	0.0500	U
1	11097-69-1	Aroclor 1254	0.0500	U
1	11096-82-5	Aroclor 1260	0.0500	U

Laboratory Qualifiers:

AD-Aroclor 1242 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
 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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08070199</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08070199-04</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-167</u>
Sample wt(Dry)/vol: <u>11.4270 g</u>	Lab Sample ID: <u>AL12083</u>
Percent Moisture: <u>0</u>	Date Received: <u>07/29/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>07/30/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>08/03/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>1</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-182-73

Column 2 Information:

GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-222-73

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION UG/G	Q
1	12674-11-2	Aroclor 1016	0.0500	U
1	11104-28-2	Aroclor 1221	0.0500	U
1	11141-16-5	Aroclor 1232	0.0500	U
1	53469-21-9	Aroclor 1242	0.280	AD J
1	12672-29-6	Aroclor 1248	0.0500	U
1	11097-69-1	Aroclor 1254	0.317	AF J
1	11096-82-5	Aroclor 1260	0.0500	U

Laboratory Qualifiers:

AD-Aroclor 1242 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.
 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.

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name: <u>Northeast Analytical, Inc.</u>	SDG No: <u>08080004</u>
ELAP ID No: <u>11078</u>	LRF ID: <u>08080004-16</u>
Matrix: <u>Solid</u>	Client ID: <u>TRC-BULK-140R</u>
Sample wt(Dry)/vol: <u>10.1440 g</u>	Lab Sample ID: <u>AL12323</u>
Percent Moisture: <u>0</u>	Date Received: <u>08/01/2008</u>
Extraction: <u>SOXHLET</u>	Date Extracted: <u>08/04/2008</u>
Conc. Extract Volume: <u>25000 uL</u>	Date Analyzed: <u>08/07/2008</u>
Method: <u>SW-846 8082 (PCB)</u>	Dilution Factor: <u>5</u>
	Sulfur Cleanup: <u>YES</u>

Column 1 Information:

GC Column: Phenomenex Capillary, MultiResidue-2, 30m; ID: 0.25mm; 0.20um
 Injection Volume: 1.0 uL
 Lab File ID: GC20B-186-39

Column 2 Information:

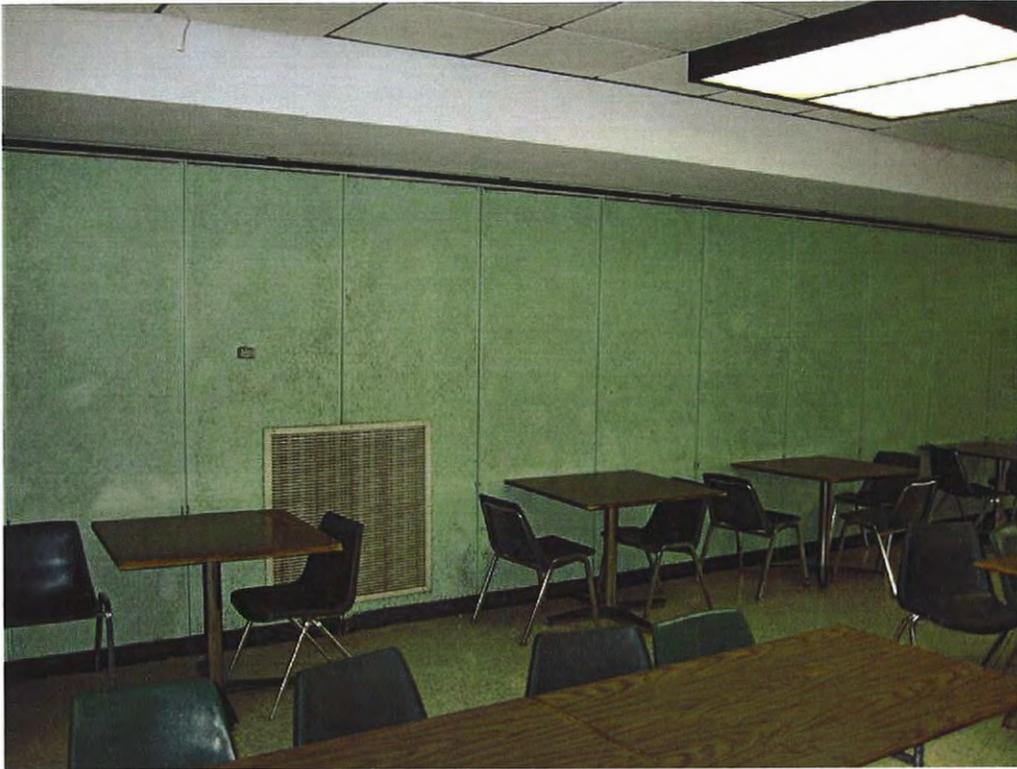
GC Column: Phenomenex Capillary, MultiResidue-1, 30m; ID: 0.25mm; 0.25um
 Injection Volume: 1.0 uL
 Lab File ID: GC20F-226-39

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION	
			UG/G	Q
1	12674-11-2	Aroclor 1016	0.250	U J
1	11104-28-2	Aroclor 1221	0.250	U
1	11141-16-5	Aroclor 1232	0.250	U ↓
1	53469-21-9	Aroclor 1242	2.88	AD J
1	12672-29-6	Aroclor 1248	0.250	U J
1	11097-69-1	Aroclor 1254	2.23	AF, P J
2	11096-82-5	Aroclor 1260	1.14	AG J

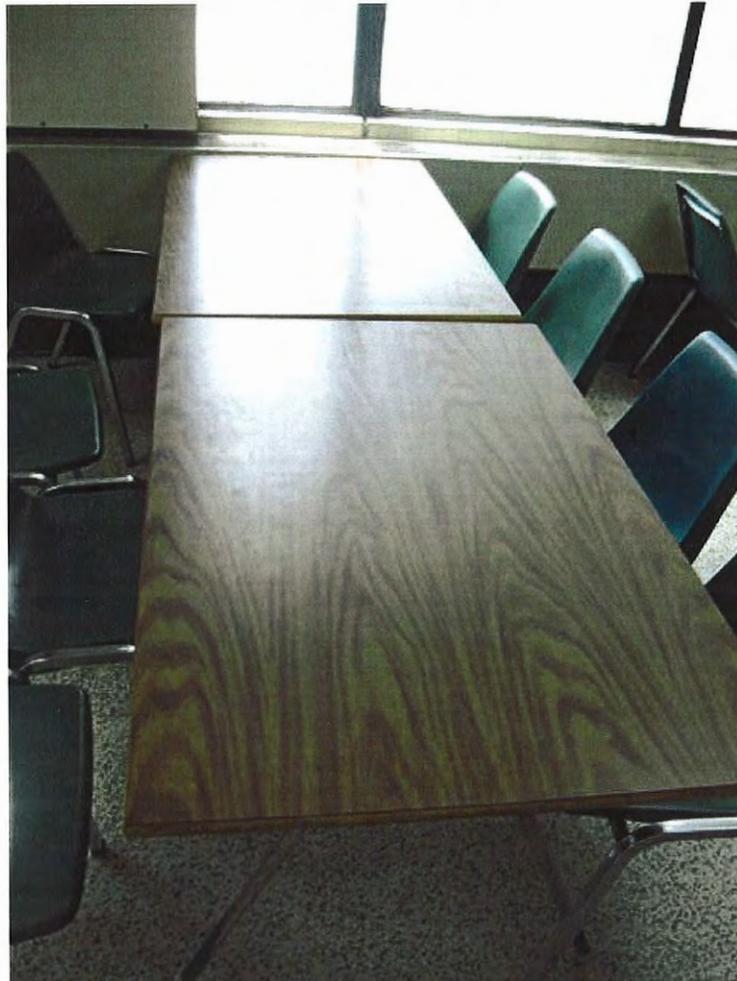
Laboratory Qualifiers:

AD-Aroclor 1242 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.
 Note: The percent recovery for the TCMX and DCBP surrogates were below lab-established limits due to sample matrix interference.
 P - Indicates relative percent difference(RPD) between primary and secondary GC column analysis exceeds 40 %.
 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.

APPENDIX D – SELECT CAPTIONED PHOTOGRAPHS



A-103-1 Acoustic Panel



A-103-1 folding Cafeteria Table



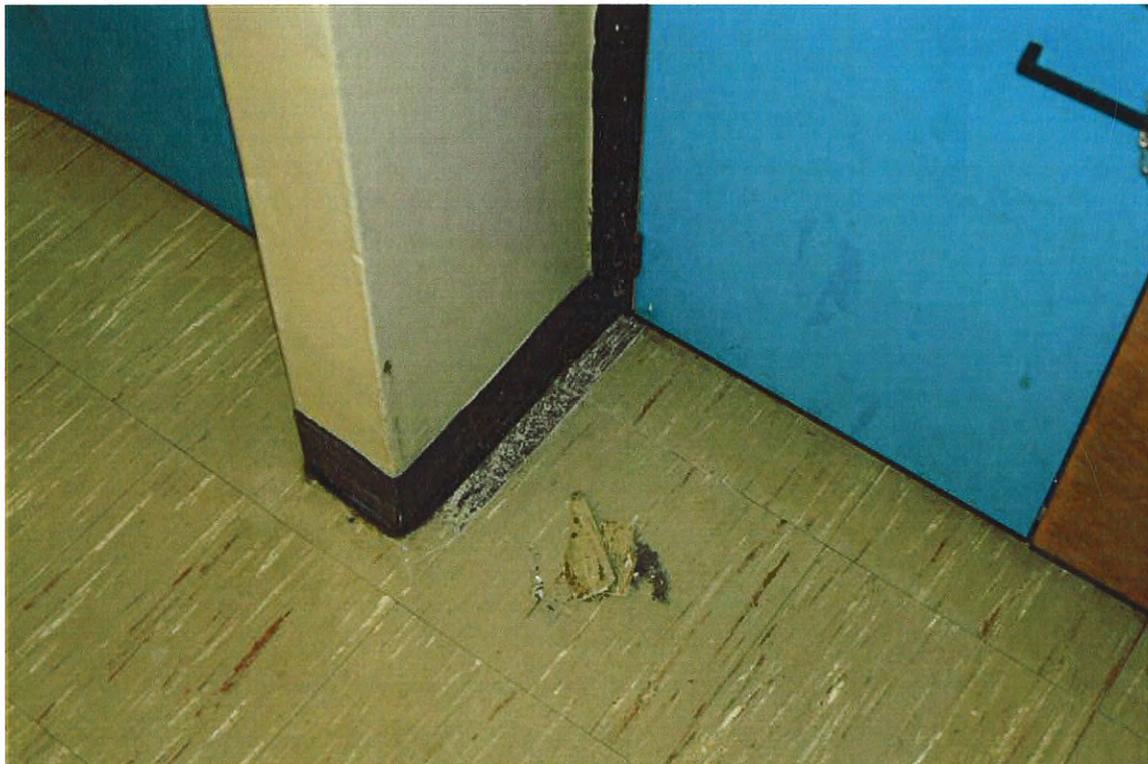
A-110-4 Grey Tile



A-114-3 Laminate Adhesive



A-114-3 Pushpin Board



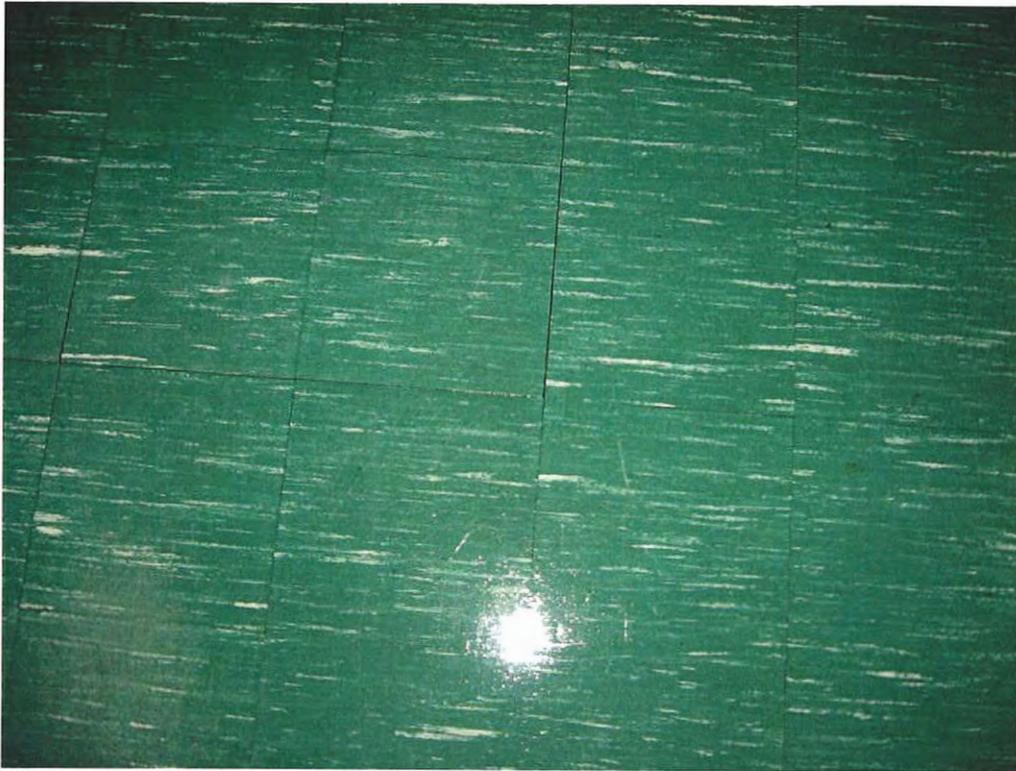
A-114-3 Vinyl Tile and Mastic



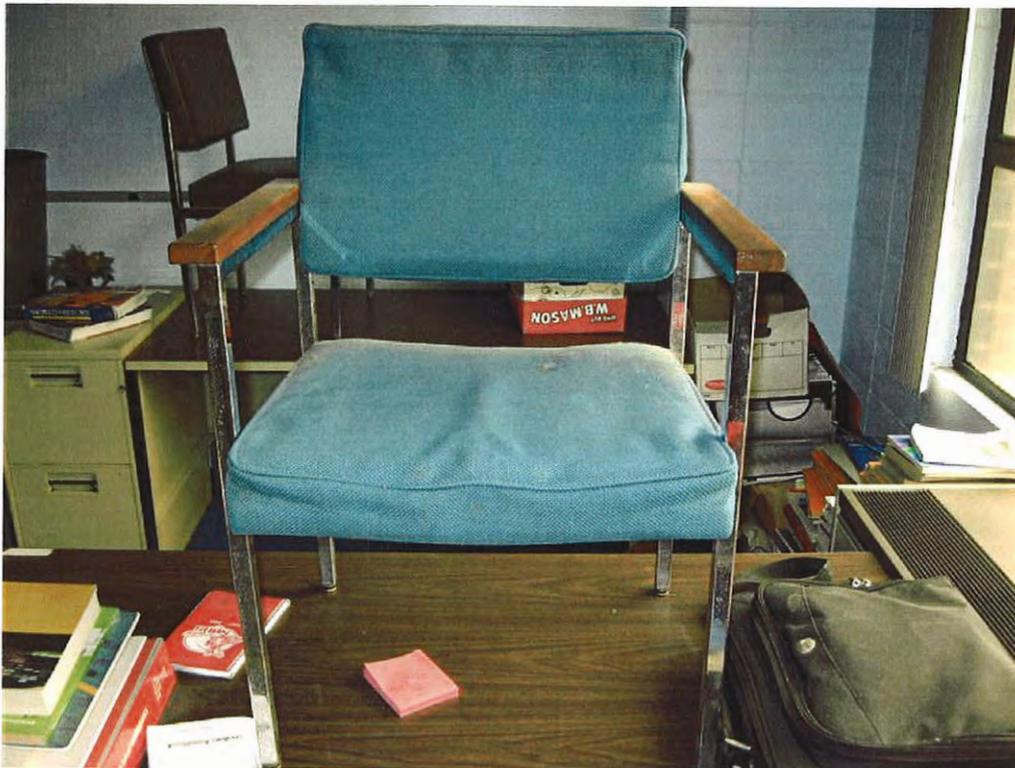
A-114-3 Vinyl Tile Mastic



A-114-3 Vinyl Tile Mastic



A-203-1 Verde Tile



A-203-4 Soft Chair



A-203-4 Soft Chair



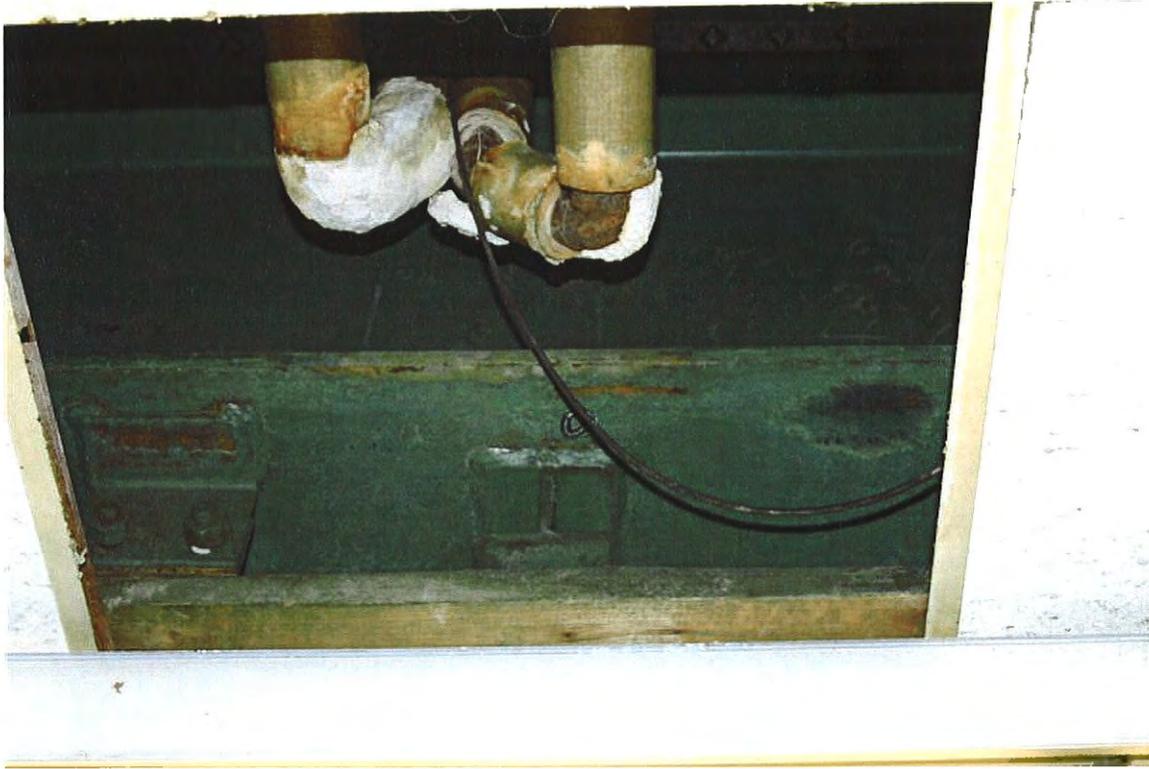
A-205-2 Peach Tile



A-205-4 Black Sofa, Orange Chair



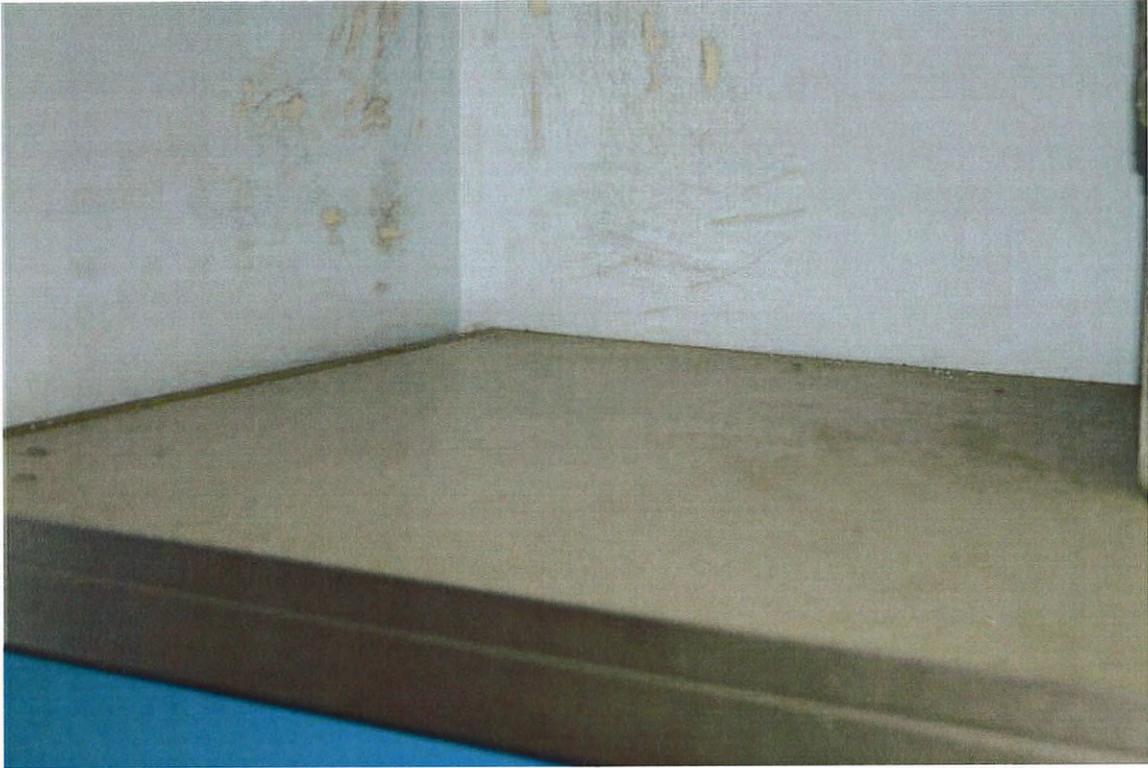
A-205-4 Blue Vinyl Tile and Mastic



A-205-4 Green I- Beam Paint



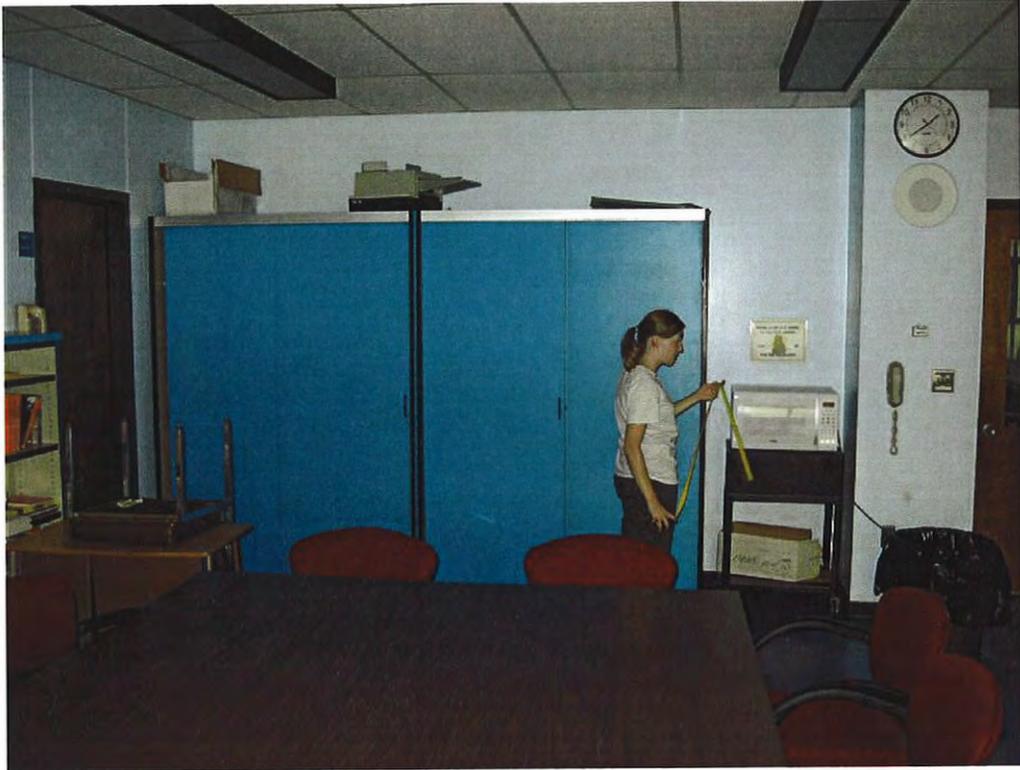
A-205-4 Laminate Adhesive



A-205-4 New Blue Paint



A-205-4 New Blue Paint and Old Tan Paint



A-205-4 Table and Tall Cabinets



A-205-4 Vinyl Cove Base Mastic



A-205-4 Window Caulk



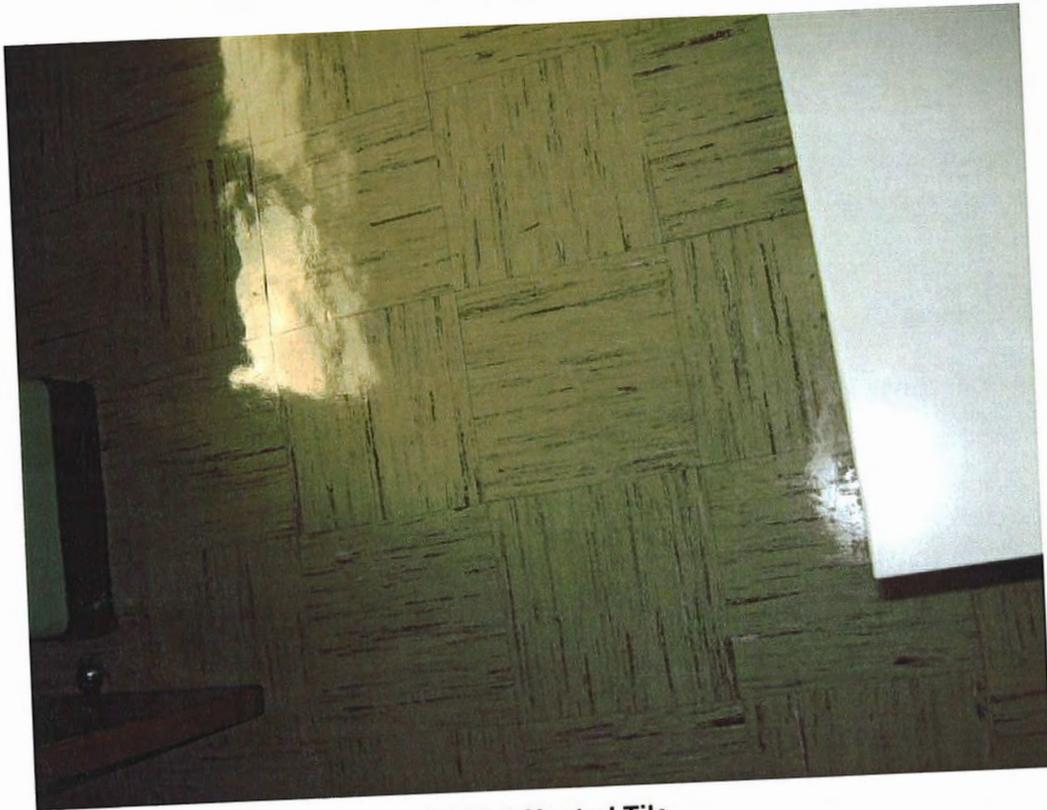
A-205-4 Window Glazing



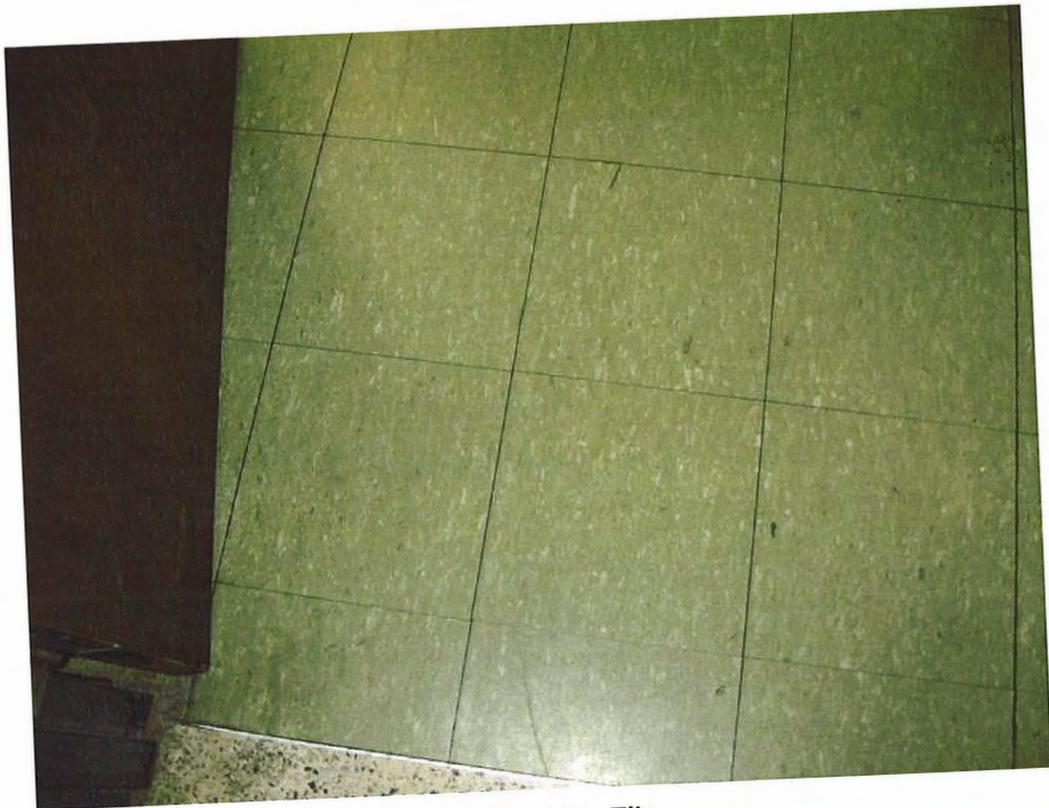
A-205-4 Window Glazing



A-205-4 Mechanical Room



A-208-3 Neutral Tile



A-209-3 Olive Tile



A-212-213-4 Green Paint on Beam



A-212-213-4 Old Tan Paint



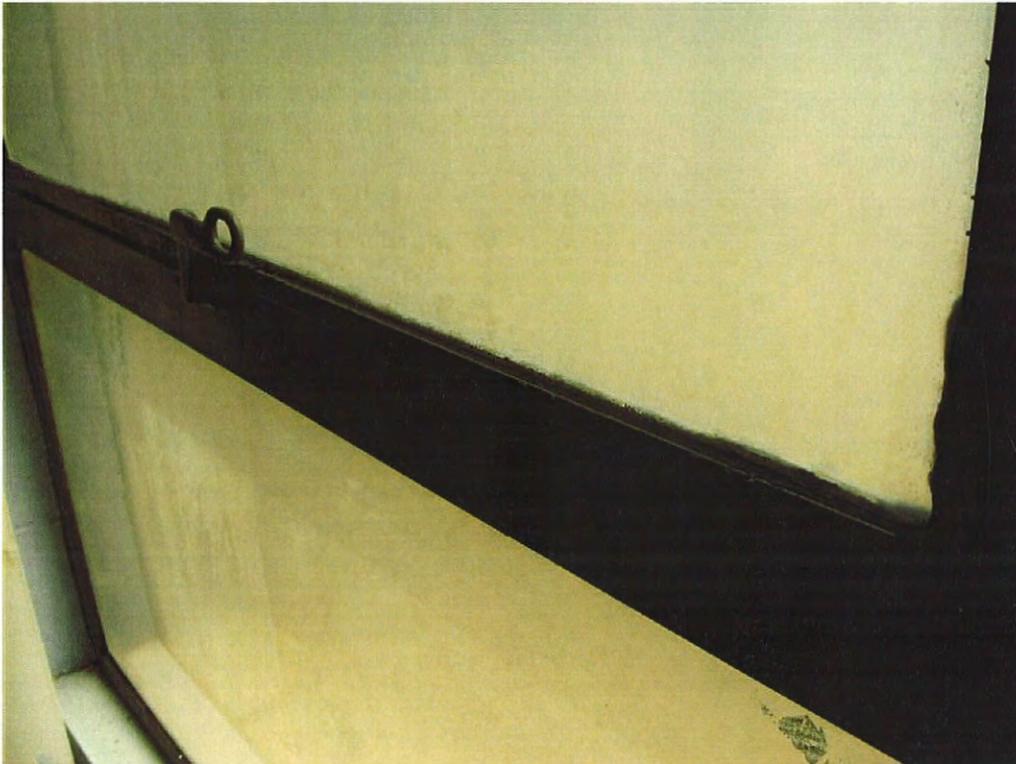
A-212-213-4 Tile Gap



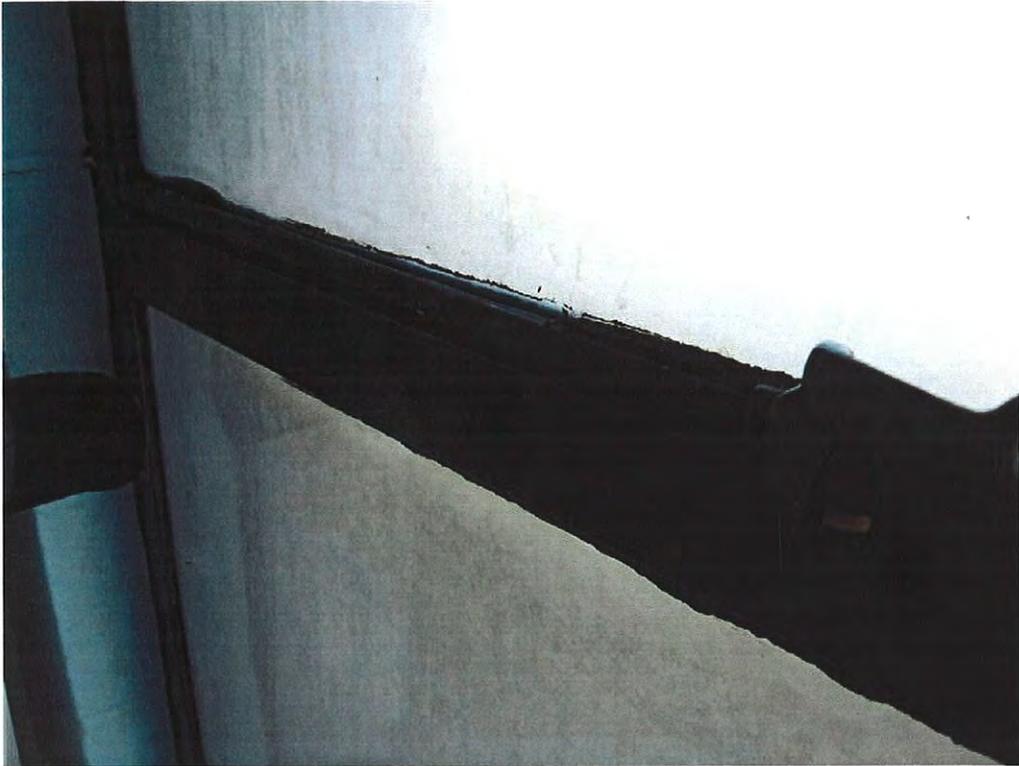
A-212-213-4 Vinyl Cove Base and Blue Paint



A-212-213-4 Window Caulk



A-212-213-4 Window Glazing



A-212-213-4 Window Glazing



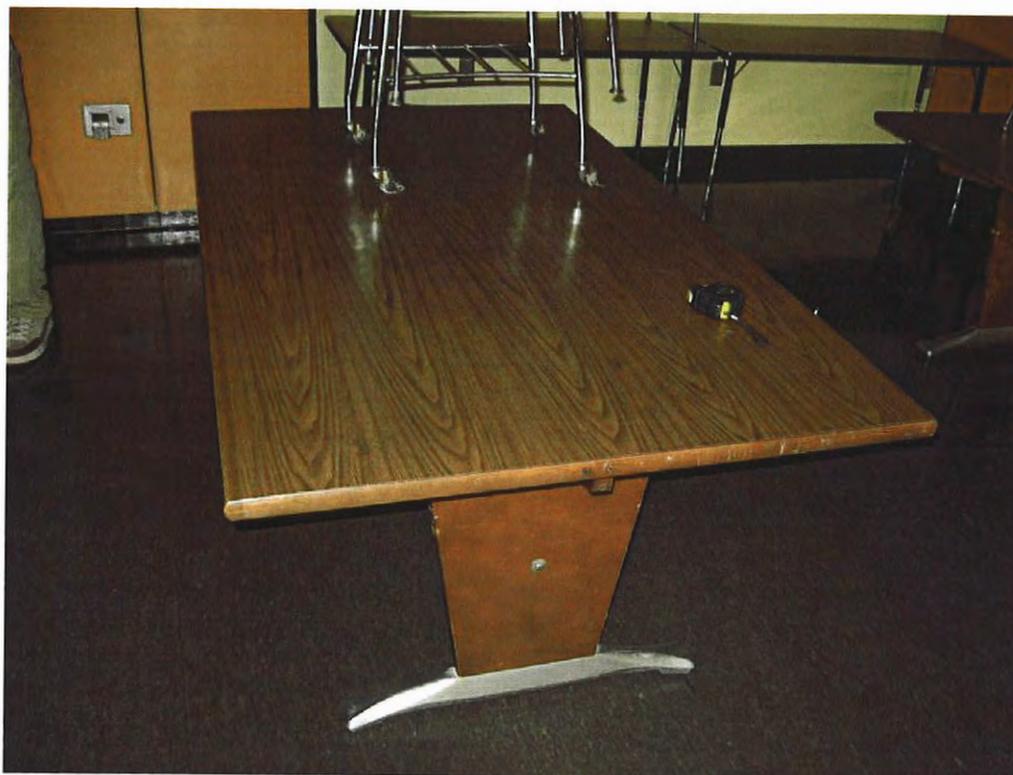
A-218-4 Azure Tile



A-225-4 Slate Tile



A-226-2 Gold Tile



A-227-2 Table



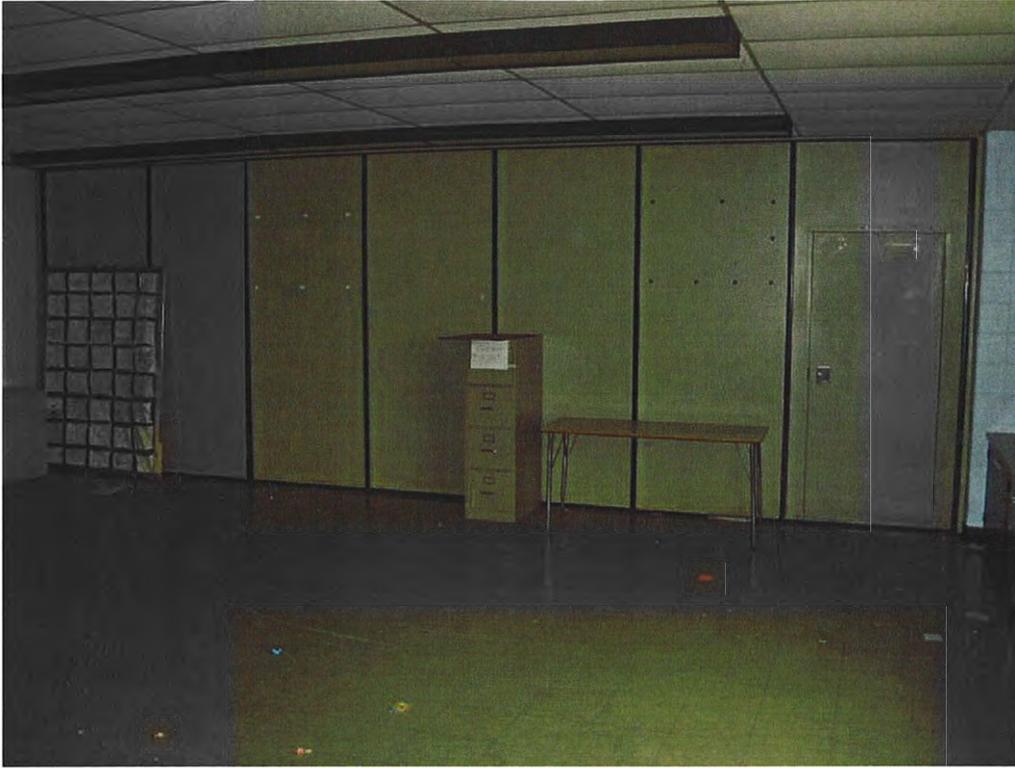
A-227-4 Blue Carpet



A-227-4 Observation Room Green Carpet



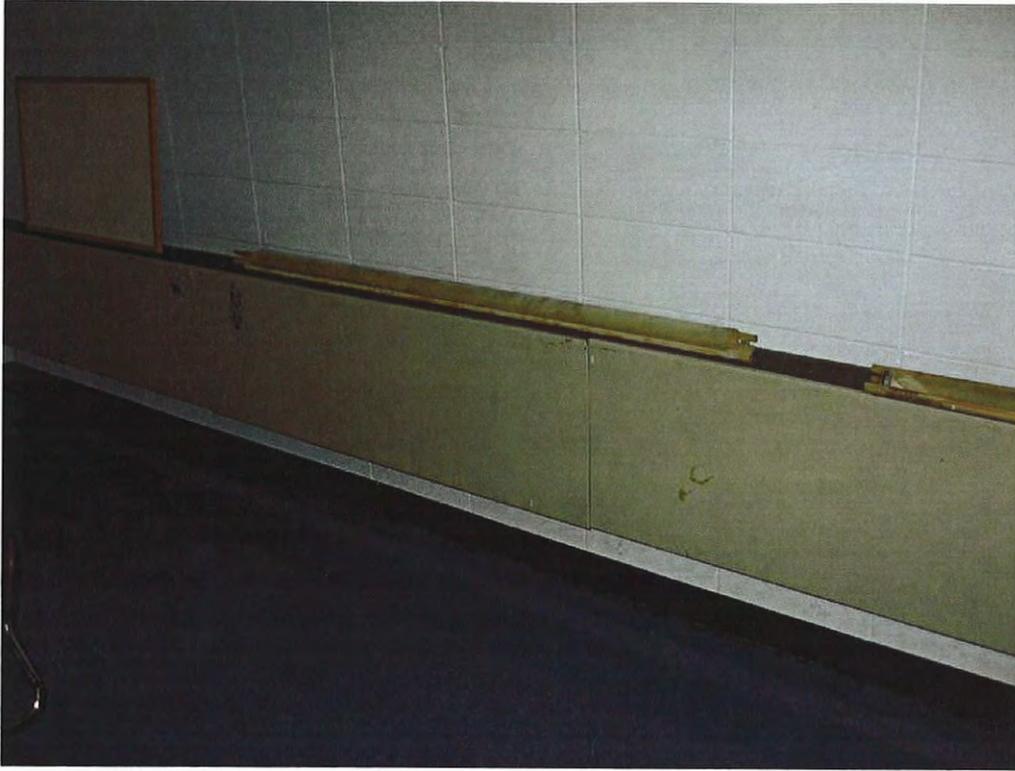
A-227-4 Small Sink



A-311-4 Wall Divider



A-315-3 Beige Tile



A-315-4 Wall Heater



A-316-1 Green Tile



A-318-4 "Closet 1"



A-319-4 "Closet 2"



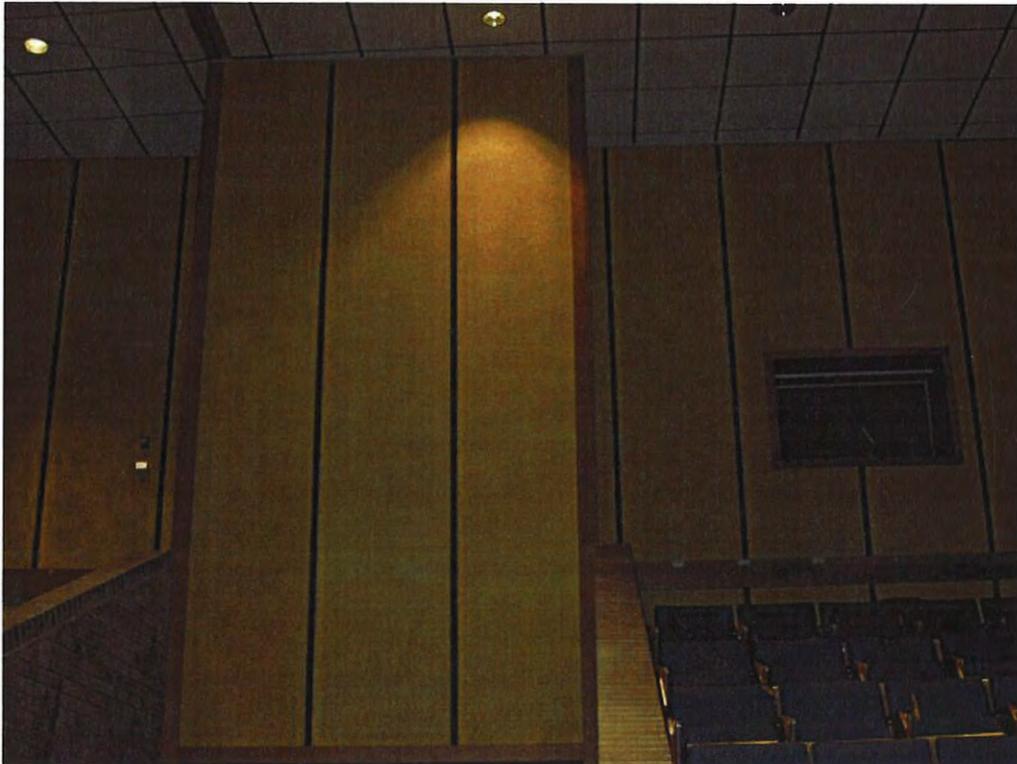
A-319-4 Standard Cabinet



A-319-4 Tan Floor Tile



B-109 Mint Tile



B-237 Auditorium Acoustical Panel



B-237 Auditorium Carpet



B-237 Auditorium Chair



B-275 Library Office Brown Carpet



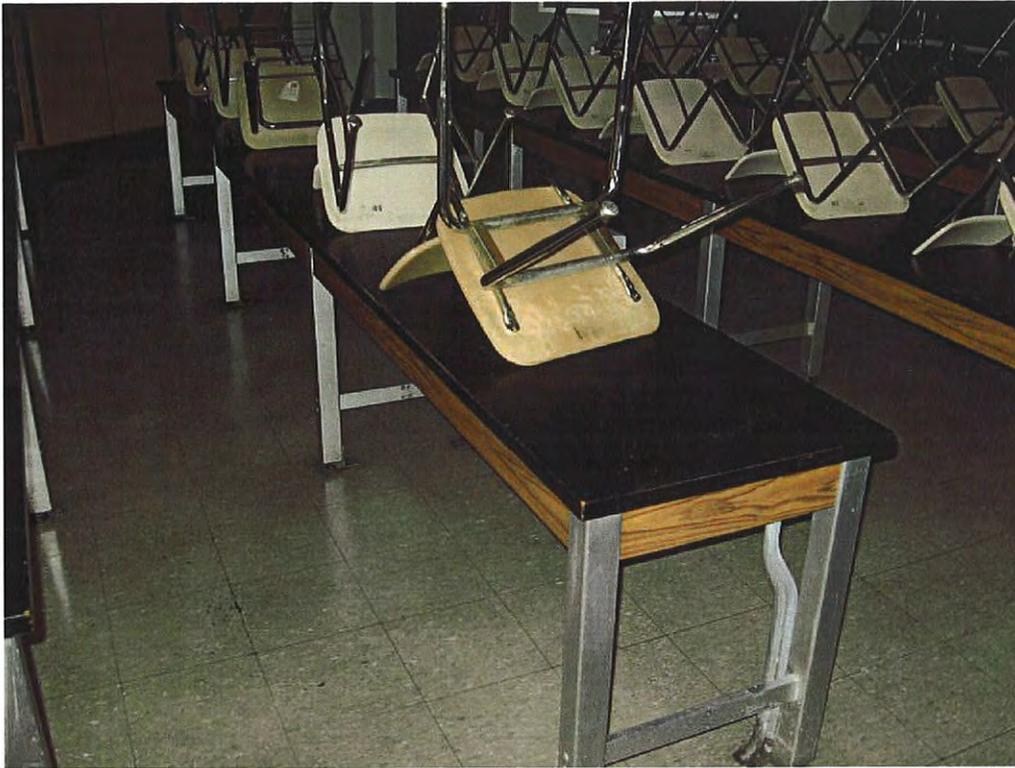
B-291 Grey Tile



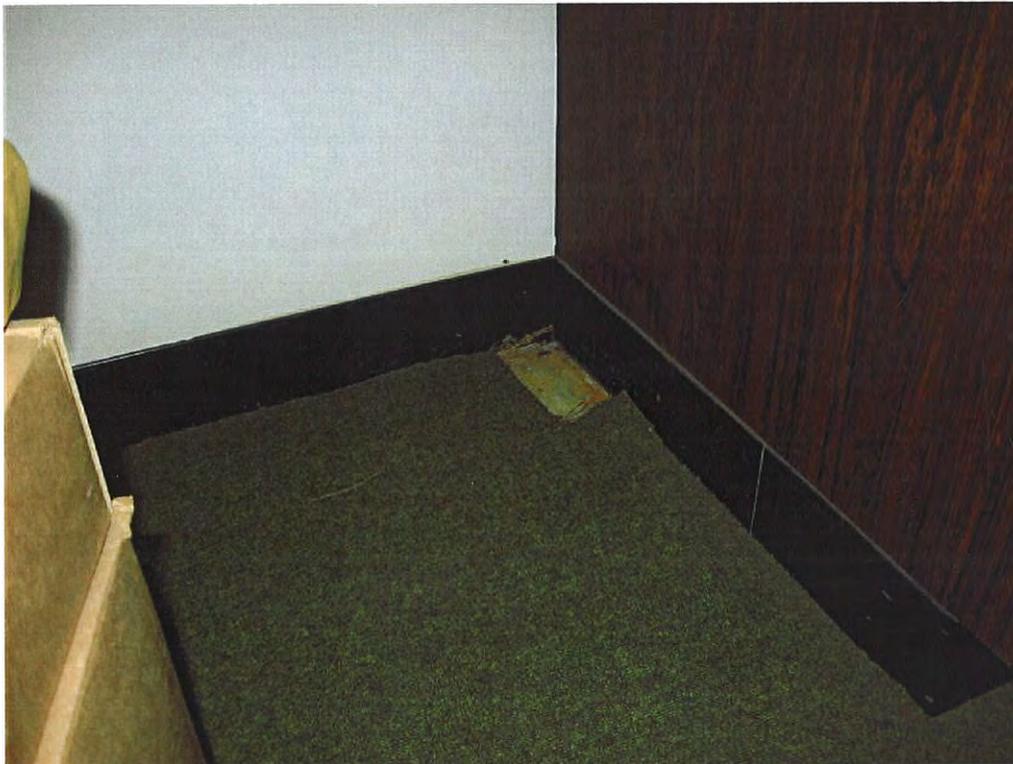
B-292 Brown Carpet



B-303 Lab Bench



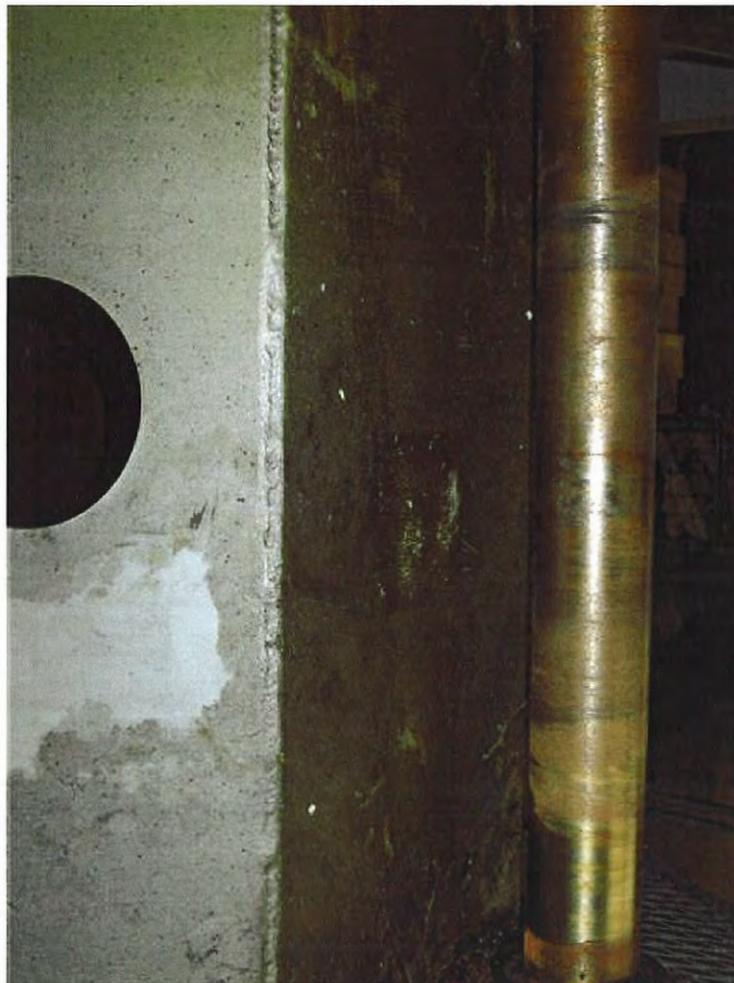
B-320 Lab Desk



B-375 Science Media Center Green Carpet



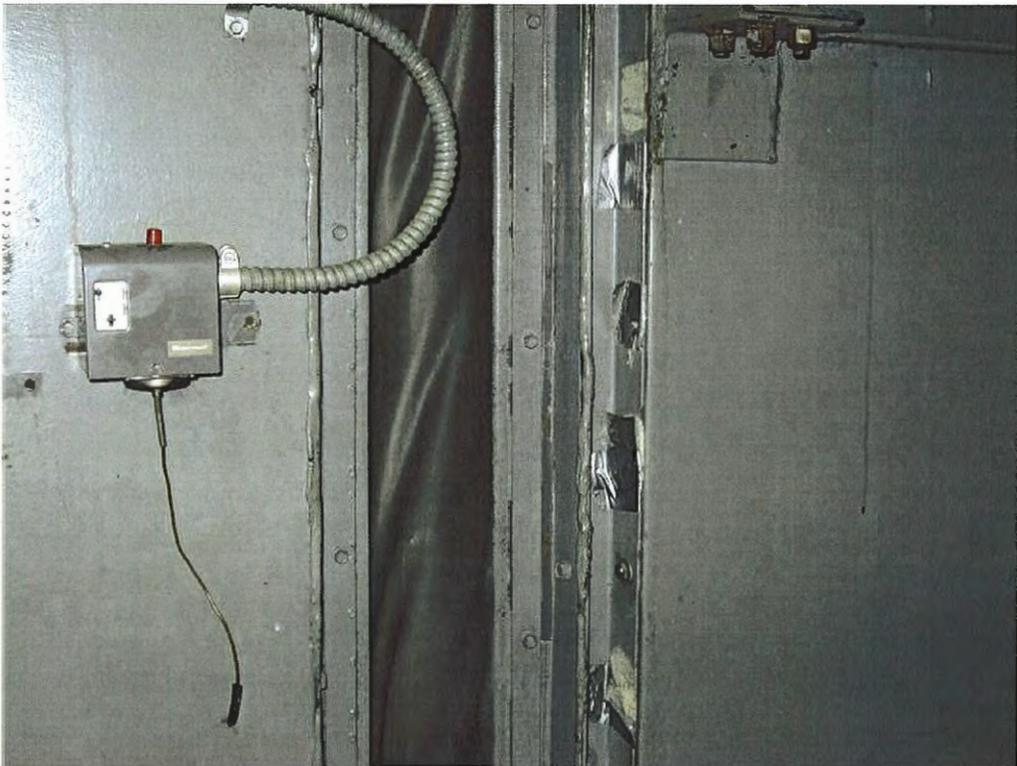
D-250 Little Theater Red Carpet and Pad



Boiler Room Air Handler Bearing Lube Wipe



Boiler Room Air Handler Expansion Joint



Boiler Room Air Handler Expansion Joint



Boiler Room Air Handler Joint Caulk



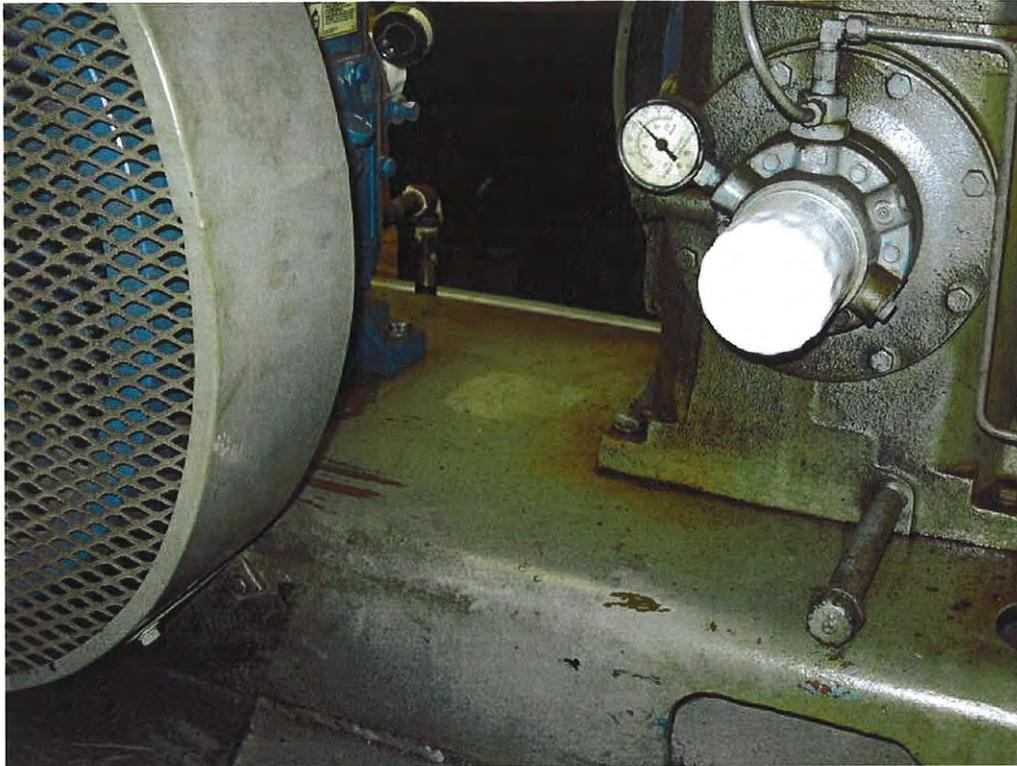
Boiler Room Flue Joint Material



Boiler Room GE Control Panel Wipe



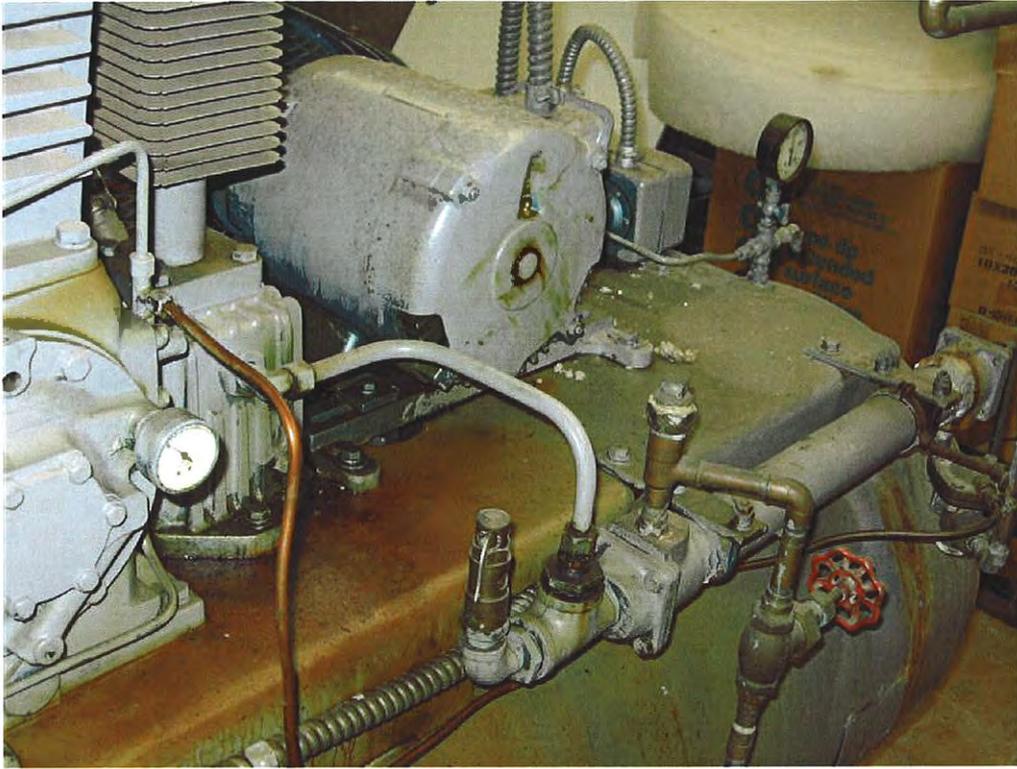
Boiler Room Johnson Controls Box Floor Wipe



Boiler Room Northern Compressor Wipe



Boiler Room Pump Electric Motor Wipe



Boiler Room Southern Compressor Wipe



C Block Interior Expansion Joint Stuffing



Exterior Expansion Joint Stuffing



Exterior Window Caulk



Exterior Window Caulk



Roof and Flashing Interface Patch Near Chimney



Roof Flashing Joint Patch

APPENDIX E – DATA TABLE EXCERPTS FROM PRIOR TRC REPORTS

Report of Findings. New Bedford High School – Indoor Polychlorinated Biphenyls Sampling.
Prepared for: City of New Bedford. Prepared by: TRC Environmental Corporation, Lowell,
Massachusetts. November 17, 2006.

*Report on Cleaning of Air Handling Systems, Ductwork, and Surfaces. New Bedford High
School, 230 Hathaway Boulevard, New Bedford, Massachusetts.* Prepared for: City of New
Bedford. Prepared by: TRC Environmental Corporation, Lowell, Massachusetts. February
2008.

Table 7: Summary of Analytical Results for Bulk Samples Collected August 2006
 New Bedford High School
 New Bedford, Massachusetts

Analysis	CAS_#	Sample ID:	TRC-BULK-1	TRC-BULK-2	TRC-BULK-3	TRC-BULK-4	TRC-BULK-5	TRC-BULK-6
		Sample Location:	A-315-4 Return Air Vent Dust	A-307-3 Return Air Vent Dust	A-303-1 Return Air Vent Dust	House 1 Base Molding Mastic Third Floor Hallway	A-212-4 Window Caulk -Classroom	A-212-4 Return Air Duct Dust
		Date sampled:	8/22/2006	8/22/2006	8/22/2006	8/22/2006	8/22/2006	8/22/2006
PCB (mg/kg)	12674-11-2	Aroclor 1016	0.218 U	0.145 U	0.108 U	0.561 UJ	2.05 U	1.22 UJ
	11104-28-2	Aroclor 1221	0.218 U	0.145 U	0.108 U	0.561 UJ	2.05 U	1.22 UJ
	11141-16-5	Aroclor 1232	0.218 U	0.145 U	0.108 U	0.561 UJ	2.05 U	1.22 UJ
	53469-21-9	Aroclor 1242	0.624	2.04	0.562	5.20 J	31.7	13.6 J
	12672-29-6	Aroclor 1248	0.218 U	0.145 U	0.108 U	0.561 UJ	2.05 U	1.22 UJ
	11097-69-1	Aroclor 1254	1.22	1.17	1.19 J	0.581 J	2.73	19.3 J
	11094-82-5	Aroclor 1260	1.57	1.34	1.05	0.551 UJ	2.05 U	3.62 J
	1336-36-3	Total PCBs	3.414	4.55	2.802 J	5.781 J	34.43	36.52 J

Notes:

All units in mg/kg unless otherwise specified.

mg/kg - milligrams per kilogram

J - Estimated value.

UJ - Estimated nondetect.

U - Compound was not detected at specified quantitation limit.

PCBs - Polychlorinated biphenyls.

Table 7: Summary of Analytical Results for Bulk Samples Collected August 2006
 New Bedford High School
 New Bedford, Massachusetts

Analysis	CAS_#	Sample ID:	TRC-BULK-7	TRC-BULK-8	TRC-BULK-9	TRC-BULK-10	TRC-BULK-11	TRC-BULK-12
		Sample Location:	B-242 Floor Mastic - Closet Between B-242 & B240	B-242 Return Air Duct Dust	A-205-1 Polyurethane Foam - Chair Padding	House 4 Cafeteria Window Caulking	House 4 Cafeteria Sound-Absorbing Wall Tile	A-110-4 Return Air Vent Dust
		Date sampled:	8/22/2006	8/22/2006	8/22/2006	8/22/2006	8/22/2006	8/22/2006
PCB (mg/kg)	12674-11-2	Aroclor 1016	1.21 U	0.150 U	0.523 U	0.0943 U	0.196 U	0.103 UJ
	11104-28-2	Aroclor 1221	1.21 U	0.150 U	0.523 U	0.0943 U	0.196 U	0.103 UJ
	11141-16-5	Aroclor 1232	1.21 U	0.150 U	0.523 U	0.0943 U	0.196 U	0.103 UJ
	53469-21-9	Aroclor 1242	10.8	1.39	7.39	0.400	0.196	0.872 J
	12672-29-6	Aroclor 1248	1.21 U	0.150 U	0.523 U	0.0943 U	0.196 U	0.103 UJ
	11097-69-1	Aroclor 1254	5.66	1.35 J	2.76	0.324	0.196 U	1.36 J
	11096-82-5	Aroclor 1260	1.65	2.06	0.523 U	0.0281 J	0.196 U	2.21 J
	1336-36-3	Total PCBs	18.11	4.80 J	10.15	0.7521 J	0.196 U	4.442 J

Notes:

All units in mg/kg unless otherwise specified.

mg/kg - milligrams per kilogram

J - Estimated value.

UJ - Estimated nondetect.

U - Compound was not detected at specified quantitation limit.

PCBs - Polychlorinated biphenyls.

Table 7: Summary of Analytical Results for Bulk Samples Collected August 2006
 New Bedford High School
 New Bedford, Massachusetts

Analysis	CAS_#	Sample ID:	TRC-BULK-13	TRC-BULK-14	TRC-BULK-15	TRC-BULK-16	TRC-BULK-17	TRC-BULK-18
		Sample Location:	House 3 Cafeteria Base Molding Mastic	A-114-3 Return Air Duct Dust	CCP Lab (D-122) Wall Paint	A-205-3 Return Air Duct Dust	House 4 Cafeteria Wall Paint (Above Ceiling Tile)	Kitchen, Floor Paint
		Date sampled:	8/22/2006	8/22/2006	8/22/2006	8/22/2006	8/23/2006	8/23/2006
PCB (mg/kg)	12674-11-2	Aroclor 1016	0.233 U	0.100 UJ	1.43 U	0.303 U	0.630 U	0.150 U
	11104-28-2	Aroclor 1221	0.233 U	0.100 UJ	1.43 U	0.303 U	0.630 U	0.150 U
	11141-16-5	Aroclor 1232	0.233 U	0.100 UJ	1.43 U	0.303 U	0.630 U	0.150 U
	53469-21-9	Aroclor 1242	0.254 J	1.38 J	1.88 J	1.86 J	0.630 U	0.871 U
	12672-29-6	Aroclor 1248	0.233 U	0.100 UJ	1.43 U	0.303 U	0.630 U	0.150 U
	11097-69-1	Aroclor 1254	0.680 J	0.913 J	0.489 J	2.14 J	0.268 J	0.254 J
	11096-82-5	Aroclor 1260	0.105 J	2.03 J	1.43 U	1.37 U	0.179 J	0.150 U
	1336-36-3	Total PCBs	1.039 J	4.323 J	2.369 J	5.37 J	0.447 J	1.125 J

Notes:

All units in mg/kg unless otherwise specified.
 mg/kg - milligrams per kilogram
 J - Estimated value.
 UJ - Estimated nondetect.
 U - Compound was not detected at specified quantitation limit.
 PCBs - Polychlorinated biphenyls.

Table 7: Summary of Analytical Results for Bulk Samples Collected August 2006
 New Bedford High School
 New Bedford, Massachusetts

Analysis	CAS_#	Sample ID:	TRC-BULK-19	TRC-BULK-20	TRC-BULK-21	TRC-BULK-22	TRC-BULK-23	TRC-BULK-24
		Sample Location:	Boiler Room Floor Paint	Boiler Room Door Jamb Caulking	West (Girls) Gym Filter Media and Dust - Second Floor Air Vent	West Gym Storage Room Polyurethane Foam - Gym Mat	West Gym Storage Room Floor Paint	West Gym Storage Room Ceiling Vent Dust
		Date sampled:	8/23/2006	8/23/2006	8/23/2006	8/23/2006	8/23/2006	8/23/2006
PCB (mg/kg)	12674-11-2	Aroclor 1016	0.0500 U	0.225 U	0.0722 U	0.111 U	0.733 U	0.0504 UJ
	11104-28-2	Aroclor 1221	0.0500 U	0.225 U	0.0722 U	0.111 U	0.733 U	0.0504 UJ
	11141-16-5	Aroclor 1232	0.0500 U	0.225 U	0.0722 U	0.111 U	0.733 U	0.0504 UJ
	53469-21-9	Aroclor 1242	1.86	1.68	0.0722 U	1.31	1.36	0.0529 J
	12672-29-6	Aroclor 1248	0.0500 U	0.225 U	0.0722 U	0.111 U	0.733 U	0.0504 UJ
	11097-69-1	Aroclor 1254	0.978	0.861 J	0.0722 U	1.38	0.444 J	0.236 J
	11096-82-5	Aroclor 1260	0.532	0.172 J	0.0722 U	0.162 J	0.733 U	0.495 J
	1336-36-3	Total PCBs	3.370	2.713 J	0.0722 U	2.852 J	1.804 J	0.7839 J

Notes:

All units in mg/kg unless otherwise specified.

mg/kg - milligrams per kilogram

J - Estimated value.

UJ - Estimated nondetect.

U - Compound was not detected at specified quantitation limit.

PCBs - Polychlorinated biphenyls.

Table 7: Summary of Analytical Results for Bulk Samples Collected August 2006
 New Bedford High School
 New Bedford, Massachusetts

Analysis	CAS_#	Sample ID:	TRC-BULK-25	TRC-BULK-26	TRC-BULK-27	TRC-BULK-28	TRC-BULK-29	TRC-BULK-30
		Sample Location:	Pool Locker Room Wall Tile Mastic	Auto Shop (D-116) Air Compressor Oil	Auto Shop (D-116) Oil/Water from Lift Sump	Auto Shop (D-116) Floor Drain Contents	Auto Shop (D-116) Floor Paint	Auto Shop (D-116) Ceiling Tile
		Date sampled:	8/23/2006	8/23/2006	8/23/2006	8/23/2006	8/23/2006	8/23/2006
PCB (mg/kg)	12674-11-2	Aroclor 1016	0.125 U	1.00 U	1.00 U	0.050 U	0.125 U	0.050 U
	11104-28-2	Aroclor 1221	0.125 U	1.00 U	1.00 U	0.050 U	0.125 U	0.050 U
	11141-16-5	Aroclor 1232	0.125 U	1.00 U	1.00 U	0.050 U	0.125 U	0.050 U
	53469-21-9	Aroclor 1242	0.0950 J	1.00 U	4.80 U	0.210 U	1.26 U	0.168 U
	12672-29-6	Aroclor 1248	0.125 U	1.00 U	1.00 U	0.050 U	0.125 U	0.050 U
	11097-69-1	Aroclor 1254	0.0807 J	1.00 U	5.23 U	0.314 U	2.15 U	0.594 J
	11096-82-5	Aroclor 1260	0.125 U	1.00 U	0.841 J	0.519 U	1.08 U	1.48 J
	1336-36-3	Total PCBs	0.1757 J	1.00 U	10.870 J	1.043 U	4.49 U	2.242 J

Notes:

All units in mg/kg unless otherwise specified.

mg/kg - milligrams per kilogram

J - Estimated value.

UJ - Estimated nondetect.

U - Compound was not detected at specified quantitation limit.

PCBs - Polychlorinated biphenyls.

7 /
Summary of Analytical Results for Bulk Samples
August 2007
New Bedford High School
New Bedford, Massachusetts

Analysis	Sample ID:	TRC-BULK-1	TRC-BULK-2	TRC-BULK-3	TRC-BULK-4	TRC-BULK-5	TRC-BULK-6	TRC-BULK-7
	Sample Location:	Exhaust duct/diffusers from Room D-143 in D Section 1st level (Firing Range).	Floor tile mastic from conference closet in room B-240	Window glaze from room B-240	Baseboard mastic from room B-240	Window glaze from room A-114-3.	Baseboard mastic from room A-114-3.	Old yellow paint room B-240 (above ceiling tiles).
	Date sampled:	8/1/2007	8/13/2007	8/13/2007	8/13/2007	8/13/2007	8/15/2007	8/16/2007
PCB (mg/kg)	Aroclor 1016	0.524 U	0.571 U	1.00 U	0.250 U	0.0839 UJ	0.100 U	0.0591 U
	Aroclor 1221	0.524 U	0.571 U	1.00 U	0.250 U	0.0839 UJ	0.100 U	0.0591 U
	Aroclor 1232	0.524 U	0.571 U	1.00 U	0.250 U	0.0839 UJ	0.100 U	0.0591 U
	Aroclor 1242	0.524 U	0.571 U	1.00 U	4.50 J*	1.83 J*	1.97 J*	0.097 J*
	Aroclor 1248	0.524 U	10.1 J*	14.9 J*	0.250 U	0.0839 UJ	0.100 U	0.0591 U
	Aroclor 1254	0.524 U	0.571 U	1.00 U	0.250 U	0.0839 UJ	0.100 U	0.0591 U
	Aroclor 1260	2.17 J	0.571 U	1.00 U	0.250 U	0.218 J*	0.100 U	0.124 J*
	Total PCBs	2.17 J	10.1 J	14.9 J	4.50 J	2.048 J	1.97 J	0.2214 J
Metals (mg/kg)	Lead	112,000	NA	NA	NA	NA	NA	NA
Metals - TCLP (mg/L)	Lead	2,560	NA	NA	NA	NA	NA	NA

Notes:

All units in mg/kg unless otherwise specified.

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

mg/L - milligrams per liter.

J - Estimated value.

NA - Sample not analyzed for the listed analyte.

U - Compound was not detected at specified quantitation limit.

UJ - Estimated nondetect.

* - The sample exhibits altered PCB pattern; best possible Aroclor match reported.

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

PCBs - Polychlorinated Biphenyls.

TCLP - Toxicity Characteristic Leaching Procedure.

Summary of Analytical Results for Bulk Samples
August 2007
New Bedford High School
New Bedford, Massachusetts

Analysis	Sample ID:	TRC-BULK-8	TRC-BULK-9	TRC-BULK-10	TRC-BULK-11	TRC-BULK-12	TRC-BULK-13	TRC-BULK-A
	Sample Location:	Green paint on steel beam in room B-240 (above ceiling tiles).	Old blue paint in room A-114-3 (above ceiling tiles).	Green paint on steel beam in room A-114-3 (above ceiling tiles).	Floor tile mastic from room A-114-3.	New off-white/tan paint in room A-114-3.	New green paint in room B-240.	Couch foam from room B-240.
	Date sampled:	8/16/2007	8/16/2007	8/16/2007	8/16/2007	8/16/2007	8/16/2007	8/24/2007
PCB (mg/kg)	Aroclor 1016	0.321 U	0.280 UJ	0.360 U	0.0845 U	0.235 U	0.265 U	0.255 U
	Aroclor 1221	0.321 U	0.280 UJ	0.360 U	0.0845 U	0.235 U	0.265 U	0.255 U
	Aroclor 1232	0.321 U	0.280 UJ	0.360 U	0.0845 U	0.235 U	0.265 U	0.255 U
	Aroclor 1242	0.321 U	0.280 UJ	1.630 J*	0.200 J*	1.48 J*	0.265 U	3.39 J
	Aroclor 1248	4.21 J*	5.86 J*	0.360 U	0.0845 U	0.235 U	1.79 J*	0.255 U
	Aroclor 1254	2.19 J*	1.80 J*	0.360 U	0.0845 UJ	0.235 U	0.687 J*	0.703 J
	Aroclor 1260	0.321 U	0.585 J*	2.69 J*	0.0845 U	0.131 J*	0.394 J*	0.255 U
	Total PCBs	6.40 J	8.25 J	4.32 J	0.200 J	1.611 J	2.871 J	4.093 J
Metals (mg/kg)	Lead	NA	NA	NA	NA	NA	NA	NA
Metals - TCLP (mg/L)	Lead	NA	NA	NA	NA	NA	NA	NA

Notes:

All units in mg/kg unless otherwise specified.

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

mg/L - milligrams per liter.

J - Estimated value.

NA - Sample not analyzed for the listed analyte.

U - Compound was not detected at specified quantitation limit.

UJ - Estimated nondetect.

* - The sample exhibits altered PCB pattern; best possible Aroclor match reported.

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

PCBs - Polychlorinated Biphenyls.

TCLP - Toxicity Characteristic Leaching Procedure.

APPENDIX F – QUASI-RANDOM BULK MATERIAL MAPPING/SAMPLING PLAN

Introduction

The following presents a quasi-random location sampling protocol for potential polychlorinated biphenyl (PCB)-containing building materials at New Bedford High School (NBHS) in New Bedford, Massachusetts. TRC prepared this quasi-random location sampling protocol to describe a first tier of sampling the materials described herein in approximately 10-percent of the rooms not otherwise sampled in prior work conducted by TRC at NBHS. The selection of sampling locations (i.e., rooms) was evaluated following the collection of the initial materials quantification data described in Section 3.1 of TRC's September 2008 *Report of Findings, New Bedford High School Polychlorinated Biphenyls Source/Sink Sampling Program* (TRC, 2008a) and based on the findings from TRC's 2006 indoor polychlorinated biphenyls sampling (TRC, 2006), as well as TRC's 2007 cleaning of air handling systems, ductwork and surfaces at NBHS (TRC, 2008b).

For budgetary purposes, TRC assumed that 30 rooms/areas would be targeted for PCB building materials sampling at an average sampling rate of 8 samples per room/area. The number of rooms was expanded and the sampling density was modified based on TRC's July 2008 building materials inventory and sampling results. All PCB building materials samples will be analyzed for PCB Aroclors (SW-846 Method 8082) to maintain consistency with the current PCB building materials database compiled by TRC. The allocation of the available quantity of PCB samples/analyses is described herein.

Summary of Existing Data

As noted in the July 2008 investigation (TRC, 2008a), several building material sampling events have taken place at NBHS to evaluate the potential presence of PCBs (TRC 2006, 2008b). The types of materials most frequently sampled include the following (with the number of samples collected indicated in parentheses):

- Paint (9)
- Carpet/carpet padding (9)
- Caulking (7)
- Mastic (floor tile and other) (8)
- Vinyl cove base (3)
- Floor tile (4)
- Adhesive (5)
- Bulletin boards (2)
- Window glazing (3)
- Miscellaneous materials¹(9)

The analytical results for each of these materials from TRC's 2008 sampling are summarized in Table F-1 sorted in order of concentration (Total PCBs) from lowest to highest. Table F-2 provides a further breakdown by material category (e.g., caulking, mastic, etc) ordered by

¹ Miscellaneous materials include roof edge chimney patch, building expansion joint stuffing, flexible flue joint material, air handler door insulation, couch foam, roof flashing joint material, and movable divider wall gasket material.

concentration (Total PCBs) within each material category.

TRC also collected wipe samples of some materials where there was insufficient sample volume to enable the laboratory to perform a bulk material analysis, where the medium sampled was more amenable to wipe sampling (e.g., the surface of control panels), or where sample collection would damage building components and affect their performance. All of wipe samples were analyzed for PCB Aroclors to maintain consistency with the current database of building material PCB analytical data. The building material/component wipe results are presented in Table F-3.

Based on the data presented in Tables F-1 and F-2, the building material concentration ranges are summarized below:

PCB Concentration Ranges in New Bedford High School Building Materials				
Material Category	PCB Detections of Total Samples	Minimum Detected	Maximum Detected	Mean*
Paint	8/9	0.3344	26.2	7.6
Carpet**	7/9	1.01	15.37	3.7
Floor Tile	4/4	0.176	2.558	1.1
Caulk	7/7	0.158	25.1	4.6
Adhesive	5/5	1.314	230	70.7
Mastic	8/8	0.694	32.51	8.2
Cove Base	3/3	0.728	7.84	3.4
Bulletin Board	2/2	2.97	7.53	5.3
Window Glazing	3/3	1.98	22.8	9.6
Misc. Materials				
- Roof Material	1/2	NA	7.06	NA
- Exp. Joints	2/3	0.375	1.124	0.77
- Flue Joint	1/1	NA	0.734	NA
- Air-Handler Door Insulation	1/1	NA	0.826	NA
- Couch Foam	1/1	NA	3.809	NA
- Wall Divider Gasket	1/1	NA	26.4	NA

Notes:

*Mean computed as arithmetic average of all *detected* concentrations for each category. Maximum value of duplicate pair also used. Non-detect results were not used to compute the mean.

**Includes one sample of carpet pad.

All samples results reported in mg/kg

Sampling Plan

Target Materials

Based on the above-tabulated data, the building materials with the five highest maximum total PCB concentrations include laminate adhesive, mastic, paint, caulk, and window glazing. The building materials with the five highest average total PCB concentrations include laminate adhesive, window glazing, mastic, paint, and bulletin board material. The next highest average total PCB concentration is associated with caulking. The following table summarizes these findings.

Five Highest Building Materials Maximum and Average Concentrations (Total PCBs)	
Highest Maximum Concentrations	Highest Average Concentrations*
Laminate adhesive - 230 mg/kg	Laminate adhesive - 70.7 mg/kg
Mastic - 32.5 mg/kg	Window Glazing - 9.3 mg/kg
Paint - 26.2 mg/kg	Mastic- 6.6 mg/kg
Caulk - 25.1 mg/kg	Paint - 7.6 mg/kg
Window glazing - 22.8 mg/kg	Bulletin Board Material - 5.3 mg/kg

Notes:

* - Mean computed as arithmetic average of all *detected* concentrations for each category. Maximum value of duplicate pair also used. Non-detect results were not used to compute the mean.

This analysis suggests that the six materials tabulated above should be the primary targets for a random sampling effort at NBHS.

Targeted Rooms

As previously noted, for budgetary purposes, TRC assumed 30 rooms/areas subjected to PCB bulk/wipe sampling and an average of 8 samples per room/area. Given that 6 building material types were targeted, and several rooms selected did not have many of the materials targeted, TRC randomly selected 40 rooms/areas at NBHS to sample the six targeted building materials. The random selection process was conducted using an indexed list of NBHS room/location identifications and a computer-based random number generator. Based on July 2008 materials quantification (TRC, 2008a), several locations identified for sampling do not contain all of the targeted materials (for example, not all rooms have windows and associated caulking/glazing). Due to the absence of some of the target materials from several of the rooms, there was a strong bias towards paint and mastic samples. Consequently, this results in an un-equal number of materials targeted for sampling in each category. To compensate for this effect and help ensure adequate coverage for various material types, TRC selected 14 additional sampling locations to achieve rough equivalence in sample quantities. The proposed sampling plan is summarized in Table F-4.

In addition, TRC identified five (5) locations to sample wall divider gasket material, which, with one sample collected of the material to date, was not sufficiently characterized. In total, TRC proposed collection of 230 samples (including field duplicates), from 54 locations. Ten (10) additional samples have been set aside for discretionary sampling based on field observations, the opinion of TRC’s project manager, and the input of City personnel.

Note that PCB concentration data comprehensively addressing all of the targeted building materials have been collected from the following rooms during previous TRC sampling efforts and will not be included in the random sampling program:

- B-240
- A-114-3
- A-212/213-4
- A-311-2
- A-205-4

All of the samples will be analyzed for PCB Aroclors to maintain consistency with the current database of bulk analytical data.

Figures F-1, F-2, and F-3 depict the approximate locations of the rooms targeted for sampling. The figures also identify prior bulk sample locations from the three prior TRC sampling efforts to help visualize the current and probable future coverage of bulk sampling in NBHS.

References

- TRC, 2006. *Report of Findings. New Bedford High School – Indoor Polychlorinated Biphenyls Sampling.* Prepared for: City of New Bedford. Prepared by: TRC Environmental Corporation, Lowell, Massachusetts. November 17, 2006
- TRC, 2008a. *Report of Findings. New Bedford High School – Polychlorinated Biphenyls Source/Sink Sampling Program.* Prepared for: City of New Bedford. Prepared by: TRC Environmental Corporation, Lowell, Massachusetts. October 2008
- TRC, 2008b. *Report on Cleaning of Air Handling Systems, Ductwork, and Surfaces. New Bedford High School, 230 Hathaway Boulevard, New Bedford, Massachusetts.* Prepared for: City of New Bedford. Prepared by: TRC Environmental Corporation, Lowell, Massachusetts. February 2008

TABLE F-1
Summary of Analytical Results for Bulk Samples - July 2008
New Bedford High School
New Bedford, Massachusetts

Analysis	Sample ID:	TRC-BULK-147	TRC-BULK-150	TRC-BULK-152	TRC-BULK-157	TRC-BULK-159	TRC-BULK-166	TRC-BULK-103	TRC-BULK-137	TRC-BULK-114	TRC-BULK-154	TRC-BULK-119
	Sample Location:	A-311-2	Roof	C-Block	D-250	D-208	Exterior	A-114-3	Exterior	A-205-4	Exterior	A-205-4
	Sample Description:	Green paint from I-Beams	Roof Edge Patch by chimney	Interior expansion joint stuffing	Carpet pad, little theater	Blue/tan carpet glued to vinyl tile	Exterior Door Caulk	Vinyl tile	Exterior window caulking	Old paint (tan)	Expansion joint stuffing	Vinyl tile, blue
	Material:	Paint	MISC.	MISC.	Carpet	Carpet	Caulk	Floor Tile	Caulk	Paint	MISC.	Floor Tile
	Sample Date:	7/21/2008	7/22/2008	7/22/2008	7/22/2008	7/22/2008	7/28/2008	7/17/2008	7/21/2008	7/18/2008	7/22/2008	7/18/2008
Analyte												
PCBs (mg/kg)	Aroclor 1016	0.0500 U	0.0500 U	0.146 U	0.176 U	1.06 U	0.0500 U	0.0500 U	0.0624 UJ	0.0500 U	0.0918 U	0.0500 U
	Aroclor 1221	0.0500 U	0.0500 U	0.146 U	0.176 U	1.06 U	0.0500 U	0.0500 U	0.0624 UJ	0.0500 U	0.0918 U	0.0500 U
	Aroclor 1232	0.0500 U	0.0500 U	0.146 U	0.176 U	1.06 U	0.0500 U	0.0500 U	0.0624 UJ	0.0500 U	0.0918 U	0.0500 U
	Aroclor 1242	0.0500 U	0.0500 U	0.146 U	0.176 U	1.06 U	0.158 J	0.176 J	0.216 J	0.0674 J	0.251 J	0.388 J
	Aroclor 1248	0.0500 U	0.0500 U	0.146 U	0.176 U	1.06 U	0.0500 U	0.0500 U	0.0624 UJ	0.0500 U	0.0918 U	0.0500 U
	Aroclor 1254	0.0500 U	0.0500 U	0.146 U	0.176 U	1.06 U	0.0500 U	0.0500 U	0.118 J	0.0500 U	0.124 J	0.0500 U
	Aroclor 1260	0.0500 U	0.0500 U	0.146 U	0.176 U	1.06 U	0.0500 U	0.0500 U	0.0624 UJ	0.267 J	0.0918 U	0.0500 U
	Total PCBs	0.0500 U	0.0500 U	0.146 U	0.176 U	1.06 U	0.158 J	0.176 J	0.334 J	0.3344 J	0.375 J	0.388 J

Notes:
All units in mg/kg unless otherwise specified.
mg/kg - milligrams per kilogram or parts per million (ppm).
J - Estimated value.
U - Compound was not detected at specified quantitation limit.
UJ - Estimated nondetect.
PCBs - Polychlorinated Biphenyls.
Values in **Bold** indicate the compound was detected.

TABLE F-1
Summary of Analytical Results for Bulk Samples - July 2008
New Bedford High School
New Bedford, Massachusetts

Analysis	Sample ID:	TRC-BULK-167	TRC-BULK-110	TRC-BULK-123	TRC-BULK-145	TRC-BULK-142	TRC-BULK-164	TRC-BULK-129	TRC-BULK-160	TRC-BULK-146	TRC-BULK-125	TRC-BULK-104
	Sample Location:	Exterior	A-114-3	A-311-2	Boiler Room	Boiler Room	Exterior	A-212/213-4	Main Office	Boiler Room	A-311-2	A-114-3
	Sample Description:	Exterior Window Caulk	Vinyl tile mastic	Vinyl cove base mastic	Flue joint material	Air handler door insulation	Exterior Window Caulk	Vinyl cove base mastic	Light brown carpet	Expansion joint	Vinyl tile	Laminate adhesive (counter/cabinet)
	Material:	Caulk	Mastic	Mastic	MISC.	MISC.	Caulk	Mastic	Carpet	MISC.	Floor Tile	Adhesive
	Sample Date:	7/28/2008	7/18/2008	7/18/2008	7/21/2008	7/21/2008	7/28/2008	7/21/2008	7/22/2008	7/21/2008	7/18/2008	7/17/2008
Analyte												
PCBs (mg/kg)	Aroclor 1016	0.0500 U	0.0648 U	0.0500 U	0.0987 U	0.116 U	0.0552 U	0.0500 U	0.628 U	0.0500 U	0.0500 U	0.0944 U
	Aroclor 1221	0.0500 U	0.0648 U	0.0500 U	0.0987 U	0.116 U	0.0552 U	0.0500 U	0.628 U	0.0500 U	0.0500 U	0.0944 U
	Aroclor 1232	0.0500 U	0.0648 U	0.0500 U	0.0987 U	0.116 U	0.0552 U	0.0500 U	0.628 U	0.0500 U	0.0500 U	0.0944 U
	Aroclor 1242	0.280 J	0.694 J	0.728 J	0.296 J	0.341 J	0.848 J	0.853 J	0.628 U	0.571 J	0.920 J	0.544 J
	Aroclor 1248	0.0500 U	0.0648 U	0.0500 U	0.0987 U	0.116 U	0.0552 U	0.0500 U	0.628 U	0.0500 U	0.0500 U	0.0944 U
	Aroclor 1254	0.317 J	0.0648 U	0.0500 U	0.232 J	0.235 J	0.0552 U	0.0500 U	0.628 U	0.379 J	0.262 J	0.0944 U
	Aroclor 1260	0.0500 U	0.0648 U	0.0500 U	0.206 J	0.250 J	0.0552 U	0.0500 U	1.01 J	0.174 J	0.0500 U	0.770 J
	Total PCBs	0.597 J	0.694 J	0.728 J	0.734 J	0.826 J	0.848 J	0.853 J	1.01 J	1.124 J	1.182 J	1.314 J

Notes:
All units in mg/kg unless otherwise specified.
mg/kg - milligrams per kilogram or parts per million (ppm).
J - Estimated value.
U - Compound was not detected at specified quantitation limit.
UJ - Estimated nondetect.
PCBs - Polychlorinated Biphenyls.
Values in **Bold** indicate the compound was detected.

TABLE F-1
Summary of Analytical Results for Bulk Samples - July 2008
New Bedford High School
New Bedford, Massachusetts

Analysis	Sample ID:	TRC-BULK-135	TRC-BULK-163		TRC-BULK-161	TRC-BULK-162		TRC-BULK-155	TRC-BULK-120	TRC-BULK-130	TRC-BULK-118	TRC-BULK-126
	Sample Location:	A-212/213-4	B-375		B-275	B-292		D-257	A-311-2	A-212/213-4	A-205-4	A-311-2
	Sample Description:	Old paint (tan)	Green carpet, science media center		Brown carpet, library office	Brown carpet, media room		Blue carpet from auditorium	Window caulk	Vinyl cove base	Tile gaps (floor)	Laminate adhesive (counter/cabinet)
	Material:	Paint	Carpet		Carpet	Carpet		Carpet	Caulk	Cove Base	Mastic	Adhesive
	Sample Date:	7/21/2008	7/22/2008	7/22/2008	7/22/2008	7/22/2008	7/22/2008	7/22/2008	7/18/2008	7/21/2008	7/18/2008	7/18/2008
Analyte			Field Dup			Field Dup						
PCBs (mg/kg)	Aroclor 1016	0.0596 U	0.0598 U	0.0639 U	0.0991 U	0.117 U	0.0790 U	0.0918 U	0.200 U	0.100 U	0.147 U	0.282 U
	Aroclor 1221	0.0596 U	0.0598 U	0.0639 U	0.0991 U	0.117 U	0.0790 U	0.0918 U	0.200 U	0.100 U	0.147 U	0.282 U
	Aroclor 1232	0.0596 U	0.0598 U	0.0639 U	0.0991 U	0.117 U	0.0790 U	0.0918 U	0.200 U	0.100 U	0.147 U	0.282 U
	Aroclor 1242	0.0596 U	1.06 J	0.751 J	0.841 J	1.16 J	0.942 J	0.647 J	1.26 J	1.78 J	1.25 J	0.282 U
	Aroclor 1248	0.820 J	0.0598 U	0.0639 U	0.0991 U	0.117 U	0.0790 U	0.0918 U	0.200 U	0.100 U	0.147 U	1.95 J
	Aroclor 1254	0.350 J	0.338 J	0.296 J	0.593 J	0.365 J	0.254 J	1.07 J	0.481 J	0.100 U	0.599 J	0.282 U
	Aroclor 1260	0.144 J	0.0598 U	0.0639 U	0.0991 U	0.117 U	0.0790 U	0.0918 U	0.200 U	0.100 U	0.147 U	0.282 U
	Total PCBs	1.314 J	1.398 J	1.047 J	1.434 J	1.525 J	1.196 J	1.717 J	1.741 J	1.78 J	1.849 J	1.95 J

Notes:

All units in mg/kg unless otherwise specified.

mg/kg - milligrams per kilogram or parts

per million (ppm).

J - Estimated value.

U - Compound was not detected at specified quantitation limit.

UJ - Estimated nondetect.

PCBs - Polychlorinated Biphenyls.

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

TABLE F-1
Summary of Analytical Results for Bulk Samples - July 2008
New Bedford High School
New Bedford, Massachusetts

Analysis	Sample ID:	TRC-BULK-121	TRC-BULK-106	TRC-BULK-102	TRC-BULK-115	TRC-BULK-111	TRC-BULK-124	TRC-BULK-156	TRC-BULK-101	TRC-BULK-136	TRC-BULK-112	
	Sample Location:	A-311-2	B-240	A-114-3	A-205-4	A-205-4	A-311-2	D-250	A-114-3	A-205-4	A-205-4	
	Sample Description:	Window glazing	Vinyl tile, brown	Pushpin board	Vinyl cove base mastic	Window caulk	Tile gaps (floor)	Red carpet, little theater	Vinyl cove base	Couch foam, black couch	Window glazing	
	Material:	Window Glazing	Floor Tile	Bulletin Board	Mastic	Caulk	Mastic	Carpet	Cove Base	MISC.	Window Glazing	
	Sample Date:	7/18/2008	7/17/2008	7/17/2008	7/18/2008	7/18/2008	7/18/2008	7/22/2008	7/17/2008	7/21/2008	7/18/2008	7/18/2008
	Analyte											Field Dup
PCBs (mg/kg)	Aroclor 1016	0.258 U	0.0500 U	0.200 U	0.120 U	0.160 U	0.236 U	0.183 U	0.154 U	0.202 U	0.167 U	0.0578 UJ
	Aroclor 1221	0.258 U	0.0500 U	0.200 U	0.120 U	0.160 U	0.236 U	0.183 U	0.154 U	0.202 U	0.167 U	0.0578 UJ
	Aroclor 1232	0.258 U	0.0500 U	0.200 U	0.120 U	0.160 U	0.236 U	0.183 U	0.154 U	0.202 U	0.167 U	0.0578 UJ
	Aroclor 1242	1.98 J	1.96 J	2.97 J	3.03 J	2.30 J	2.40 J	0.462 J	3.67 J	3.25 J	1.36 J	0.781 J
	Aroclor 1248	0.258 U	0.0500 U	0.200 U	0.120 U	0.160 U	0.236 U	0.183 U	0.154 U	0.202 U	0.167 U	0.0578 UJ
	Aroclor 1254	0.258 U	0.598 J	0.200 U	0.120 U	0.909 J	0.930 J	1.12 J	0.154 U	0.559 J	2.00 J	0.932 J
	Aroclor 1260	0.258 U	0.0500 U	0.200 U	0.120 U	0.160 U	0.236 U	2.07 J	0.154 U	0.202 U	1.04 J	0.410 J
	Total PCBs	1.98 J	2.558 J	2.97 J	3.03 J	3.209 J	3.33 J	3.652 J	3.67 J	3.809 J	4.40 J	2.123 J

Notes:

All units in mg/kg unless otherwise specified.
mg/kg - milligrams per kilogram or parts per million (ppm).
J - Estimated value.
U - Compound was not detected at specified quantitation limit.
UJ - Estimated nondetect.
PCBs - Polychlorinated Biphenyls.
Values in **Bold** indicate the compound was detected.

TABLE F-1
Summary of Analytical Results for Bulk Samples - July 2008
New Bedford High School
New Bedford, Massachusetts

Analysis	Sample ID:	TRC-BULK-148	TRC-BULK-122	TRC-BULK-113	TRC-BULK-140R	TRC-BULK-149	TRC-BULK-108	TRC-BULK-105	TRC-BULK-134	TRC-BULK-116	TRC-BULK-107
	Sample Location:	A-311-2	A-311-2	A-205-4	Boiler Room	Roof	B-240	B-240	A-212/213-4	A-205-4	B-240
	Sample Description:	Old paint (blue)	New paint (beige/gold)	New paint (blue)	Adhesive around joints (north side)	Flashing joint patch near chimney	Pushpin board	Vinyl cove base	Green paint from I-Beams	Green paint from I-Beams	Vinyl tile mastic
	Material:	Paint	Paint	Paint	Adhesive	MISC.	Bulletin Board	Cove Base	Paint	Paint	Mastic
	Sample Date:	7/21/2008	7/18/2008	7/18/2008	7/30/2008	7/22/2008	7/17/2008	7/17/2008	7/21/2008	7/18/2008	7/17/2008
Analyte											
PCBs (mg/kg)	Aroclor 1016	0.200 U	0.222 U	0.411 U	0.250 UJ	0.200 U	0.352 U	0.300 UJ	0.150 U	0.193 U	0.552 U
	Aroclor 1221	0.200 U	0.222 U	0.411 U	0.250 UJ	0.200 U	0.352 U	0.300 UJ	0.150 U	0.193 U	0.552 U
	Aroclor 1232	0.200 U	0.222 U	0.411 U	0.250 UJ	0.200 U	0.352 U	0.300 UJ	0.150 U	0.193 U	0.552 U
	Aroclor 1242	2.20 J	3.69 J	3.25 J	2.88 J	1.12 J	7.53 J	6.56 J	0.150 U	0.193 U	10.0 J
	Aroclor 1248	0.200 U	0.222 U	0.411 U	0.250 UJ	0.200 U	0.352 U	0.300 UJ	2.97 J	0.193 U	0.552 U
	Aroclor 1254	1.34 J	1.29 J	2.82 J	2.23 J	3.87 J	0.352 U	1.28 J	2.60 J	0.193 U	0.552 U
	Aroclor 1260	0.972 J	0.438 J	0.411 U	1.14 J	2.07 J	0.352 U	0.300 UJ	2.84 J	8.84 J	0.552 U
	Total PCBs	4.512 J	5.418 J	6.07 J	6.25 J	7.06 J	7.53 J	7.84 J	8.41 J	8.84 J	10.0 J

Notes:

All units in mg/kg unless otherwise specified.

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

J - Estimated value.

U - Compound was not detected at specified quantitation limit.

UJ - Estimated nondetect.

PCBs - Polychlorinated Biphenyls.

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

TABLE F-1
Summary of Analytical Results for Bulk Samples - July 2008
New Bedford High School
New Bedford, Massachusetts

Analysis	Sample ID:	TRC-BULK-158	TRC-BULK-127		TRC-BULK-128	TRC-BULK-133	TRC-BULK-131	TRC-BULK-132	TRC-BULK-117	TRC-BULK-109
	Sample Location:	D-219	A-212/213-4		A-212/213-4	A-212/213-4	A-212/213-4	A-212/213-4	A-205-4	B-240
	Sample Description:	Green carpet, fine arts office	Window glazing		Window caulk	New paint (blue)	Wall divider gasket	Tile gaps (floor)	Laminate adhesive (counter/cabinet)	Laminate adhesive (counter/cabinet)
	Material:	Carpet	Window Glazing		Caulk	Paint	MISC.	Mastic	Adhesive	Adhesive
	Sample Date:	7/22/2008	7/21/2008	7/21/2008	7/21/2008	7/21/2008	7/21/2008	7/21/2008	7/18/2008	7/17/2008
Analyte			Field Dup							
PCBs (mg/kg)	Aroclor 1016	0.503 U	0.659 U	0.814 U	1.18 U	1.09 U	1.00 U	1.08 U	4.52 U	8.87 U
	Aroclor 1221	0.503 U	0.659 U	0.814 U	1.18 U	1.09 U	1.00 U	1.08 U	4.52 U	8.87 U
	Aroclor 1232	0.503 U	0.659 U	0.814 U	1.18 U	1.09 U	1.00 U	1.08 U	4.52 U	8.87 U
	Aroclor 1242	1.37 J	0.659 UJ	8.85 J	1.18 U	1.09 U	1.00 U	26.7 J	4.52 U	8.87 U
	Aroclor 1248	0.503 U	22.8 J	0.814 UJ	25.1 J	26.2 J	26.4 J	1.08 U	114 J	230 J
	Aroclor 1254	0.503 U	0.659 UJ	6.32 J	1.18 U	1.09 U	1.00 U	5.81 J	4.52 U	8.87 U
	Aroclor 1260	14.0 J	0.659 U	0.814 U	1.18 U	1.09 U	1.00 U	1.08 U	4.52 U	8.87 U
	Total PCBs	15.37 J	22.8 J	15.17 J	25.1 J	26.2 J	26.4 J	32.51 J	114 J	230 J

Notes:

All units in mg/kg unless otherwise specified.

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

J - Estimated value.

U - Compound was not detected at specified quantitation limit.

UJ - Estimated nondetect.

PCBs - Polychlorinated Biphenyls.

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

TABLE F-2
Summary of Analytical Results for Bulk Samples - July 2008
New Bedford High School
New Bedford, Massachusetts

Analysis	Sample ID:	TRC-BULK-104	TRC-BULK-126	TRC-BULK-140R	TRC-BULK-117	TRC-BULK-109	TRC-BULK-102	TRC-BULK-108	
	Sample Location:	A-114-3	A-311-2	Boiler Room	A-205-4	B-240	A-114-3	B-240	
	Sample Description:	Laminate adhesive (counter/cabinet)	Laminate adhesive (counter/cabinet)	Adhesive around joints (north side)	Laminate adhesive (counter/cabinet)	Laminate adhesive (counter/cabinet)	Pushpin board	Pushpin board	
	Material:	Adhesive					Bulletin Board		
	Sample Date:	7/17/2008	7/18/2008	7/30/2008	7/18/2008	7/17/2008	7/17/2008	7/17/2008	
Analyte									
PCBs (mg/kg)	Aroclor 1016	0.0944 U	0.282 U	0.250 UJ	4.52 U	8.87 U	0.200 U	0.352 U	
	Aroclor 1221	0.0944 U	0.282 U	0.250 UJ	4.52 U	8.87 U	0.200 U	0.352 U	
	Aroclor 1232	0.0944 U	0.282 U	0.250 UJ	4.52 U	8.87 U	0.200 U	0.352 U	
	Aroclor 1242	0.544 J	0.282 U	2.88 J	4.52 U	8.87 U	2.97 J	7.53 J	
	Aroclor 1248	0.0944 U	1.95 J	0.250 UJ	114 J	230 J	0.200 U	0.352 U	
	Aroclor 1254	0.0944 U	0.282 U	2.23 J	4.52 U	8.87 U	0.200 U	0.352 U	
	Aroclor 1260	0.770 J	0.282 U	1.14 J	4.52 U	8.87 U	0.200 U	0.352 U	
	Total PCBs	1.314 J	1.95 J	6.25 J	114 J	230 J	2.97 J	7.53 J	

Notes:

All units in mg/kg unless otherwise specified.

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

J - Estimated value.

U - Compound was not detected at specified quantitation limit.

UJ - Estimated nondetect.

PCBs - Polychlorinated Biphenyls.

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

TABLE F-2
Summary of Analytical Results for Bulk Samples - July 2008
New Bedford High School
New Bedford, Massachusetts

Analysis	Sample ID: Sample Location: Sample Description: Material: Sample Date:	TRC-BULK-157	TRC-BULK-159	TRC-BULK-160	TRC-BULK-163	TRC-BULK-161	TRC-BULK-162	TRC-BULK-155	TRC-BULK-156	TRC-BULK-158	
		D-250	D-208	Main Office	B-375	B-275	B-292	D-257	D-250	D-219	
		Carpet pad, little theater	Blue/tan carpet glued to vinyl tile	Light brown carpet	Green carpet, science media center	Brown carpet, library office	Brown carpet, media room	Blue carpet from auditorium	Red carpet, little theater	Green carpet, fine arts office	
		Carpet									
Analyte	7/22/2008	7/22/2008	7/22/2008	7/22/2008	7/22/2008	7/22/2008	7/22/2008	7/22/2008	7/22/2008	7/22/2008	
PCBs (mg/kg)					Field Dup		Field Dup				
Aroclor 1016	0.176 U	1.06 U	0.628 U	0.0598 U	0.0639 U	0.0991 U	0.117 U	0.079 U	0.0918 U	0.183 U	0.503 U
Aroclor 1221	0.176 U	1.06 U	0.628 U	0.0598 U	0.0639 U	0.0991 U	0.117 U	0.079 U	0.0918 U	0.183 U	0.503 U
Aroclor 1232	0.176 U	1.06 U	0.628 U	0.0598 U	0.0639 U	0.0991 U	0.117 U	0.079 U	0.0918 U	0.183 U	0.503 U
Aroclor 1242	0.176 U	1.06 U	0.628 U	1.06 J	0.751 J	0.841 J	1.16 J	0.942 J	0.647 J	0.462 J	1.37 J
Aroclor 1248	0.176 U	1.06 U	0.628 U	0.0598 U	0.0639 U	0.0991 U	0.117 U	0.079 U	0.0918 U	0.183 U	0.503 U
Aroclor 1254	0.176 U	1.06 U	0.628 U	0.338 J	0.296 J	0.593 J	0.365 J	0.254 J	1.07 J	1.12 J	0.503 U
Aroclor 1260	0.176 U	1.06 U	1.01 J	0.0598 U	0.0639 U	0.0991 U	0.117 U	0.079 U	0.0918 U	2.07 J	14.0 J
Total PCBs	0.176 U	1.06 U	1.01 J	1.398 J	1.047 J	1.434 J	1.525 J	1.196 J	1.717 J	3.652 J	15.37 J

Notes:
All units in mg/kg unless otherwise specified.
mg/kg - milligrams per kilogram or parts per million (ppm).
J - Estimated value.
U - Compound was not detected at specified quantitation limit.
UJ - Estimated nondetect.
PCBs - Polychlorinated Biphenyls.
Values in **Bold** indicate the compound was detected.

TABLE F-2
Summary of Analytical Results for Bulk Samples - July 2008
New Bedford High School
New Bedford, Massachusetts

Analysis	Sample ID:	TRC-BULK-166	TRC-BULK-137	TRC-BULK-167	TRC-BULK-164	TRC-BULK-120	TRC-BULK-111	TRC-BULK-128	TRC-BULK-130	TRC-BULK-101	TRC-BULK-105
	Sample Location:	Exterior	Exterior	Exterior	Exterior	A-311-2	A-205-4	A-212/213-4	A-212/213-4	A-114-3	B-240
	Sample Description:	Exterior Door Caulk	Exterior window caulking	Exterior Window Caulk	Exterior Window Caulk	Window caulk	Window caulk	Window caulk	Vinyl cove base	Vinyl cove base	Vinyl cove base
	Material:	Caulk						Cove Base			
Sample Date:	7/28/2008	7/21/2008	7/28/2008	7/28/2008	7/18/2008	7/18/2008	7/21/2008	7/21/2008	7/17/2008	7/17/2008	
Analyte											
PCBs (mg/kg)	Aroclor 1016	0.0500 U	0.0624 UJ	0.0500 U	0.0552 U	0.200 U	0.160 U	1.18 U	0.100 U	0.154 U	0.300 UJ
	Aroclor 1221	0.0500 U	0.0624 UJ	0.0500 U	0.0552 U	0.200 U	0.160 U	1.18 U	0.100 U	0.154 U	0.300 UJ
	Aroclor 1232	0.0500 U	0.0624 UJ	0.0500 U	0.0552 U	0.200 U	0.160 U	1.18 U	0.100 U	0.154 U	0.300 UJ
	Aroclor 1242	0.158 J	0.216 J	0.280 J	0.848 J	1.26 J	2.30 J	1.18 U	1.78 J	3.67 J	6.56 J
	Aroclor 1248	0.0500 U	0.0624 UJ	0.0500 U	0.0552 U	0.200 U	0.160 U	25.1 J	0.100 U	0.154 U	0.300 UJ
	Aroclor 1254	0.0500 U	0.118 J	0.317 J	0.0552 U	0.481 J	0.909 J	1.18 U	0.100 U	0.154 U	1.28 J
	Aroclor 1260	0.0500 U	0.0624 UJ	0.0500 U	0.0552 U	0.200 U	0.160 U	1.18 U	0.100 U	0.154 U	0.300 UJ
	Total PCBs	0.158 J	0.334 J	0.597 J	0.848 J	1.741 J	3.209 J	25.1 J	1.78 J	3.67 J	7.84 J

Notes:

All units in mg/kg unless otherwise specified.

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

J - Estimated value.

U - Compound was not detected at specified quantitation limit.

UJ - Estimated nondetect.

PCBs - Polychlorinated Biphenyls.

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

TABLE F-2
Summary of Analytical Results for Bulk Samples - July 2008
New Bedford High School
New Bedford, Massachusetts

Analysis	Sample ID:	TRC-BULK-103	TRC-BULK-119	TRC-BULK-125	TRC-BULK-106	TRC-BULK-110	TRC-BULK-123	TRC-BULK-129	TRC-BULK-118	TRC-BULK-115	TRC-BULK-124	TRC-BULK-107	TRC-BULK-132
	Sample Location:	A-114-3	A-205-4	A-311-2	B-240	A-114-3	A-311-2	A-212/213-4	A-205-4	A-205-4	A-311-2	B-240	A-212/213-4
	Sample Description:	Vinyl tile	Vinyl tile, blue	Vinyl tile	Vinyl tile, brown	Vinyl tile mastic	Vinyl cove base mastic	Vinyl cove base mastic	Tile gaps (floor)	Vinyl cove base mastic	Tile gaps (floor)	Vinyl tile mastic	Tile gaps (floor)
	Material:	Floor Tile						Mastic					
Sample Date:	7/17/2008	7/18/2008	7/18/2008	7/17/2008	7/18/2008	7/18/2008	7/21/2008	7/18/2008	7/18/2008	7/18/2008	7/18/2008	7/17/2008	7/21/2008
Analyte													
PCBs (mg/kg)													
Aroclor 1016	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0648 U	0.0500 U	0.0500 U	0.0500 U	0.147 U	0.120 U	0.236 U	0.552 U	1.08 U
Aroclor 1221	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0648 U	0.0500 U	0.0500 U	0.0500 U	0.147 U	0.120 U	0.236 U	0.552 U	1.08 U
Aroclor 1232	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0648 U	0.0500 U	0.0500 U	0.0500 U	0.147 U	0.120 U	0.236 U	0.552 U	1.08 U
Aroclor 1242	0.176 J	0.388 J	0.920 J	1.96 J	0.694 J	0.728 J	0.853 J	1.25 J	3.03 J	2.40 J	10.0 J	26.7 J	
Aroclor 1248	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0648 U	0.0500 U	0.0500 U	0.0500 U	0.147 U	0.120 U	0.236 U	0.552 U	1.08 U
Aroclor 1254	0.0500 U	0.0500 U	0.262 J	0.598 J	0.0648 U	0.0500 U	0.0500 U	0.599 J	0.120 U	0.930 J	0.552 U	5.81 J	
Aroclor 1260	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0648 U	0.0500 U	0.0500 U	0.147 U	0.120 U	0.236 U	0.552 U	1.08 U	
Total PCBs	0.176 J	0.388 J	1.182 J	2.558 J	0.694 J	0.728 J	0.853 J	1.849 J	3.03 J	3.33 J	10.0 J	32.51 J	

Notes:

All units in mg/kg unless otherwise specified.

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

J - Estimated value.

U - Compound was not detected at specified quantitation limit.

UJ - Estimated nondetect.

PCBs - Polychlorinated Biphenyls.

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

TABLE F-2
Summary of Analytical Results for Bulk Samples - July 2008
New Bedford High School
New Bedford, Massachusetts

Analysis	Sample ID:	TRC-BULK-150	TRC-BULK-152	TRC-BULK-154	TRC-BULK-145	TRC-BULK-142	TRC-BULK-146	TRC-BULK-136	TRC-BULK-149	TRC-BULK-131
	Sample Location:	Roof	C-Block	Exterior	Boiler Room	Boiler Room	Boiler Room	A-205-4	Roof	A-212/213-4
	Sample Description:	Roof Edge Patch by chimney	Interior expansion joint stuffing	Expansion joint stuffing	Flue joint material	Air handler door insulation	Expansion joint	Couch foam, black couch	Flashing joint patch near chimney	Wall divider gasket
	Material:	MISC.								
Sample Date:	7/22/2008	7/22/2008	7/22/2008	7/21/2008	7/21/2008	7/21/2008	7/21/2008	7/21/2008	7/22/2008	7/21/2008
Analyte										
PCBs (mg/kg)	Aroclor 1016	0.0500 U	0.146 U	0.0918 U	0.0987 U	0.116 U	0.0500 U	0.202 U	0.200 U	1.00 U
	Aroclor 1221	0.0500 U	0.146 U	0.0918 U	0.0987 U	0.116 U	0.0500 U	0.202 U	0.200 U	1.00 U
	Aroclor 1232	0.0500 U	0.146 U	0.0918 U	0.0987 U	0.116 U	0.0500 U	0.202 U	0.200 U	1.00 U
	Aroclor 1242	0.0500 U	0.146 U	0.251 J	0.296 J	0.341 J	0.571 J	3.25 J	1.12 J	1.00 U
	Aroclor 1248	0.0500 U	0.146 U	0.0918 U	0.0987 U	0.116 U	0.0500 U	0.202 U	0.200 U	26.4 J
	Aroclor 1254	0.0500 U	0.146 U	0.124 J	0.232 J	0.235 J	0.379 J	0.559 J	3.87 J	1.00 U
	Aroclor 1260	0.0500 U	0.146 U	0.0918 U	0.206 J	0.250 J	0.174 J	0.202 U	2.07 J	1.00 U
	Total PCBs	0.0500 U	0.146 U	0.375 J	0.734 J	0.826 J	1.124 J	3.809 J	7.06 J	26.4 J

Notes:

All units in mg/kg unless otherwise specified.

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

J - Estimated value.

U - Compound was not detected at specified quantitation limit.

UJ - Estimated nondetect.

PCBs - Polychlorinated Biphenyls.

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

TABLE F-2
Summary of Analytical Results for Bulk Samples - July 2008
New Bedford High School
New Bedford, Massachusetts

Analysis	Sample ID:	TRC-BULK-147	TRC-BULK-114	TRC-BULK-135	TRC-BULK-148	TRC-BULK-122	TRC-BULK-113	TRC-BULK-134	TRC-BULK-116	TRC-BULK-133
	Sample Location:	A-311-2	A-205-4	A-212/213-4	A-311-2	A-311-2	A-205-4	A-212/213-4	A-205-4	A-212/213-4
	Sample Description:	Green paint from I-Beams	Old paint (tan)	Old paint (tan)	Old paint (blue)	New paint (beige/gold)	New paint (blue)	Green paint from I-Beams	Green paint from I-Beams	New paint (blue)
	Material:	Paint								
Sample Date:	7/21/2008	7/18/2008	7/21/2008	7/21/2008	7/18/2008	7/18/2008	7/21/2008	7/18/2008	7/21/2008	7/21/2008
Analyte										
PCBs (mg/kg)	Aroclor 1016	0.0500 U	0.0500 U	0.0596 U	0.200 U	0.222 U	0.411 U	0.150 U	0.193 U	1.09 U
	Aroclor 1221	0.0500 U	0.0500 U	0.0596 U	0.200 U	0.222 U	0.411 U	0.150 U	0.193 U	1.09 U
	Aroclor 1232	0.0500 U	0.0500 U	0.0596 U	0.200 U	0.222 U	0.411 U	0.150 U	0.193 U	1.09 U
	Aroclor 1242	0.0500 U	0.0674 J	0.0596 U	2.20 J	3.69 J	3.25 J	0.150 U	0.193 U	1.09 U
	Aroclor 1248	0.0500 U	0.0500 U	0.820 J	0.200 U	0.222 U	0.411 U	2.97 J	0.193 U	26.2 J
	Aroclor 1254	0.0500 U	0.0500 U	0.350 J	1.34 J	1.29 J	2.82 J	2.60 J	0.193 U	1.09 U
	Aroclor 1260	0.0500 U	0.267 J	0.144 J	0.972 J	0.438 J	0.411 U	2.84 J	8.84 J	1.09 U
	Total PCBs	0.0500 U	0.3344 J	1.314 J	4.512 J	5.418 J	6.07 J	8.41 J	8.84 J	26.2 J

Notes:

All units in mg/kg unless otherwise specified.
 mg/kg - milligrams per kilogram or parts
 per million (ppm).
 J - Estimated value.
 U - Compound was not detected at specified
 quantitation limit.
 UJ - Estimated nondetect.
 PCBs - Polychlorinated Biphenyls.
 Values in **Bold** indicate the compound was
 detected.

TABLE F-2
Summary of Analytical Results for Bulk Samples - July 2008
New Bedford High School
New Bedford, Massachusetts

Analysis	Sample ID:	TRC-BULK-121	TRC-BULK-112		TRC-BULK-127	
	Sample Location:	A-311-2	A-205-4		A-212/213-4	
	Sample Description:	Window glazing	Window glazing		Window glazing	
	Material:	Window Glazing				
Sample Date:	7/18/2008	7/18/2008	7/18/2008	7/21/2008	7/21/2008	
Analyte				Field Dup	Field Dup	
PCBs (mg/kg)	Aroclor 1016	0.258 U	0.167 U	0.0578 UJ	0.659 U	0.814 U
	Aroclor 1221	0.258 U	0.167 U	0.0578 UJ	0.659 U	0.814 U
	Aroclor 1232	0.258 U	0.167 U	0.0578 UJ	0.659 U	0.814 U
	Aroclor 1242	1.98 J	1.36 J	0.781 J	0.659 UJ	8.85 J
	Aroclor 1248	0.258 U	0.167 U	0.0578 UJ	22.8 J	0.814 UJ
	Aroclor 1254	0.258 U	2.00 J	0.932 J	0.659 UJ	6.32 J
	Aroclor 1260	0.258 U	1.04 J	0.410 J	0.659 U	0.814 U
	Total PCBs	1.98 J	4.40 J	2.123 J	22.8 J	15.17 J

Notes:

All units in mg/kg unless otherwise specified.

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

J - Estimated value.

U - Compound was not detected at specified quantitation limit.

UJ - Estimated nondetect.

PCBs - Polychlorinated Biphenyls.

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

TABLE F-3
Summary of Analytical Results for Wipe Samples - July 2008
New Bedford High School
New Bedford, Massachusetts

Analysis	Sample ID:	TRC-WIPE-138	TRC-WIPE-139	TRC-WIPE-141	TRC-WIPE-143	TRC-WIPE-144	TRC-WIPE-151	TRC-WIPE-153	TRC-WIPE-165
	Sample Location:	Boiler Room	Boiler Room	Boiler Room	Boiler Room	Boiler Room	A-207-1	Boiler Room	Exterior
	Sample Description:	Bearing lub wipe, air handler	Johnson controls floor wipe	Electric motor wipe sample	East compressor wipe	West compressor wipe	Pneumatic panel, 2nd floor wipe	wipe sample of GE control panel	Wipe Inside Univent
	Sample Date:	7/21/2008	7/21/2008	7/21/2008	7/21/2008	7/21/2008	7/22/2008	7/22/2008	7/28/2008
Analyte									
PCBs (ug/100cm ²)	Aroclor 1016	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
	Aroclor 1221	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
	Aroclor 1232	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
	Aroclor 1242	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
	Aroclor 1248	1.99 J	0.897 J	0.567 J	0.500 U	1.53 J	0.944 J	0.500 U	0.500 U
	Aroclor 1254	3.29 J	1.41 J	0.500 U	0.500 U	0.500 U	0.606 J	0.500 U	0.500 U
	Aroclor 1260	1.79 J	0.500 U	0.782 J	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
	Total PCBs	7.07 J	2.307 J	1.349 J	0.500 U	1.53 J	1.55 J	0.500 U	0.500 U

Notes:

All units in ug/100cm² unless otherwise specified.

ug/100cm² - micrograms per 100 square centimeters.

J - Estimated value.

U - Compound was not detected at specified quantitation limit.

PCBs - Polychlorinated Biphenyls.

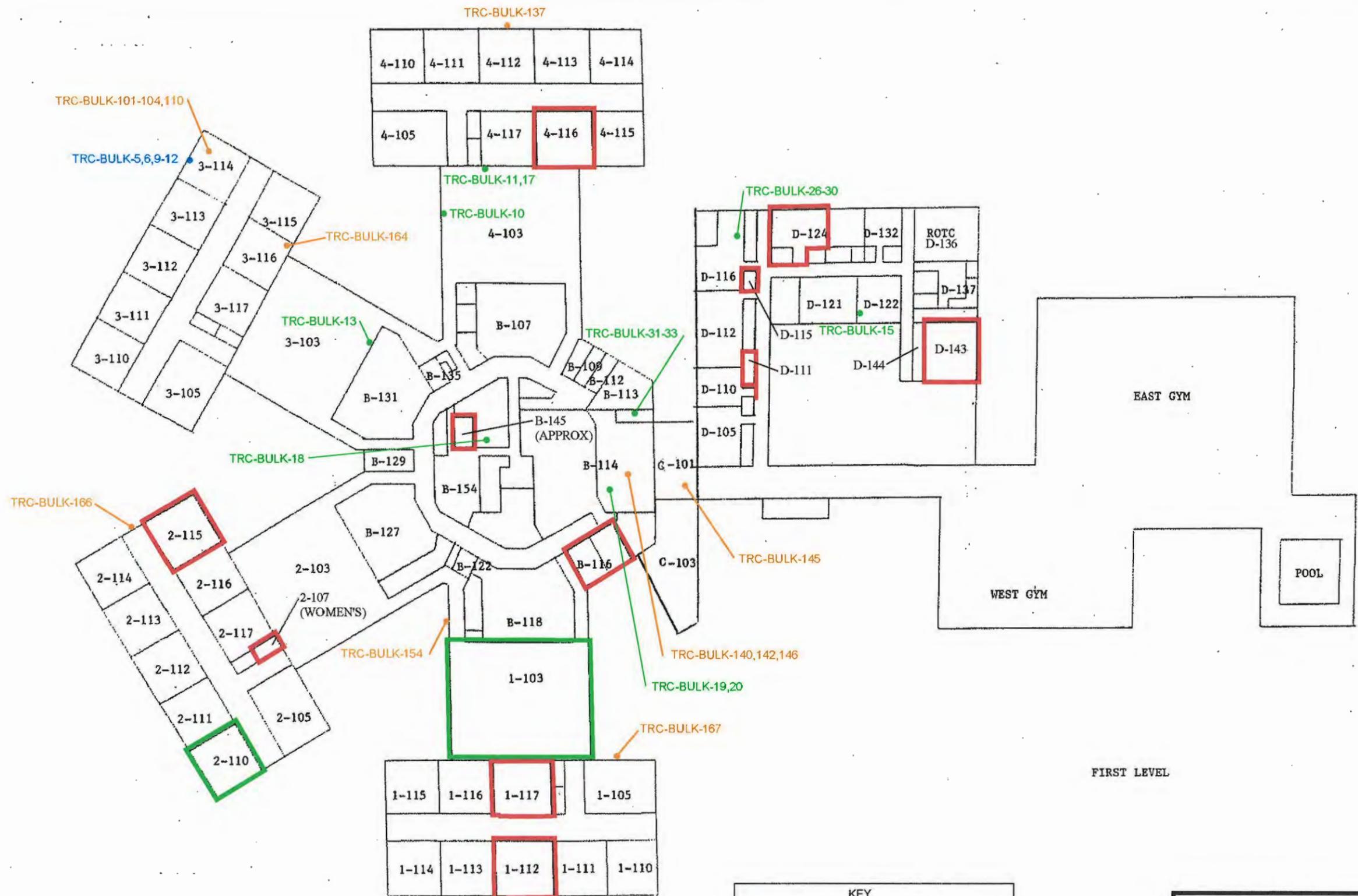
Values in **Bold** indicate the compound was detected.

TABLE F-4
Proposed Sampling Locations
New Bedford High School
New Bedford, Massachusetts

Location	Target Materials*						Location-specific Materials			
	Laminate Adhesive	Mastic	Window Glazing	Paint	Caulk	Pushpin Material	Wall Gasket	Field -selected**		
A-112-1	1	1	1	1	1	1	1			
A-115-2	1	1	1	1	1	1				
A-116-4	1	1		1		1				
A-117-1	1	1	1	1	1	1				
A-206-4		1		1						
A-207-1				1						
A-207-2		1		1						
A-208-4		1	1	1	1					
A-209-2	1	1	1	1	1	1				
A-209-4	1	1	1	1	1	1				
A-217-3	1	1	1	1	1	1				
A-223-3		1		1						
A-227-1	1	1	1	1	1					
A-227-4-o		1		1						
A-308-2	1	1	1	1	1	1				
A-309-1	1	1	1	1	1	1				
A-309-2	1	1	1	1	1	1				
A-309-4	1	1	1	1	1	1				
A-311-1	1	1	1	1	1	1				
A-312-1	1	1	1	1	1	1				
A-312-2	1	1	1	1	1	1	1			
A-316-1	1	1	1	1	1	1				
A-319-3	1	1	1	1	1	1				
B-116		1		1						
B-145				1						
B-226		1		1		1				
B-290		1		1						
B-320	1	1	1	1	1	1				
B-373		1		1						
C-211		1		1						
C-216	1	1		1		1				
D-111		1		1						
D-115	1	1		1						
D-124		1	1	1	1	1				
D-143		1		1		1				
D-301		1	1	1	1					
E-136		1		1						
prep	1	1		1						
stairs		1		1						
women's				1						
A-103-1			1		1					
A-110-2	1	1	1		1	1				
A-213-1	1		1		1	1	1			
A-306-2	1		1		1	1				
A-310-3	1		1		1	1	1			
A-311-4	1		1		1	1	1			
A-316-4	1		1		1	1				
A-319-4	1		1		1	1				
B-211	1	1	1		1	1				
B-253	1		1		1					
B-344	1		1		1	1				
D-213	1		1		1	1				
D-218	1		1		1	1				
D-243		1	1		1					

Totals	33	40	34	40	34	32	5	0	0	0
Field Duplicates	12									
Discretionary samples	10									
Total	240									

Notes:
* Target materials identified for sampling based on materials inventory conducted by TRC in July 2008.
** Discretionary samples may be added of materials not prescribed in this sampling plan, based on field observations and/or the opinion of the project manager and in consultation with City of New Bedford officials



FIRST LEVEL

KEY	
●	BULK SAMPLE LOCATION JULY 2008
●	BULK SAMPLE LOCATION AUGUST 2007
●	BULK SAMPLE LOCATION AUGUST 2006 (DUST SAMPLES OMITTED)
□	RANDOMLY-GENERATED SAMPLING LOCATIONS
□	ADDITIONAL LOCATIONS SELECTED FOR SAMPLING

ALL LOCATIONS ARE APPROXIMATE

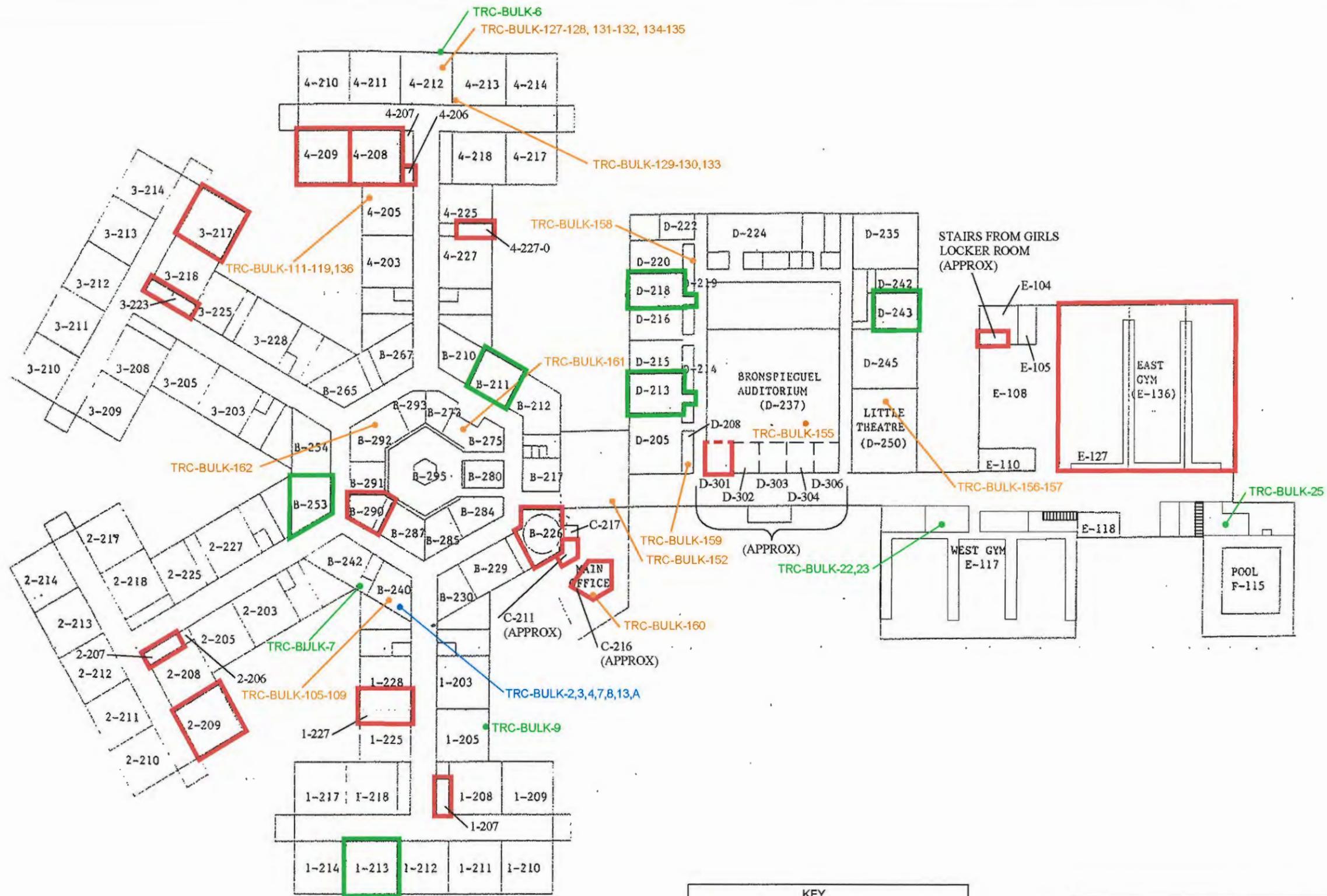
NEW BEDFORD HIGH SCHOOL
 230 HATHAWAY BLVD
 NEW BEDFORD, MASSACHUSETTS

FIRST FLOOR
 BULK SAMPLING LOCATIONS

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

DRAWN BY: HWB DATE:
 CHECKED BY: RSN SEPT 2008

FIGURE F-1



KEY	
●	BULK SAMPLE LOCATION JULY 2008
●	BULK SAMPLE LOCATION AUGUST 2007
●	BULK SAMPLE LOCATION AUGUST 2006 (DUST SAMPLES OMITTED)
□	RANDOMLY-GENERATED SAMPLING LOCATIONS
□	ADDITIONAL LOCATIONS SELECTED FOR SAMPLING

ALL LOCATIONS ARE APPROXIMATE

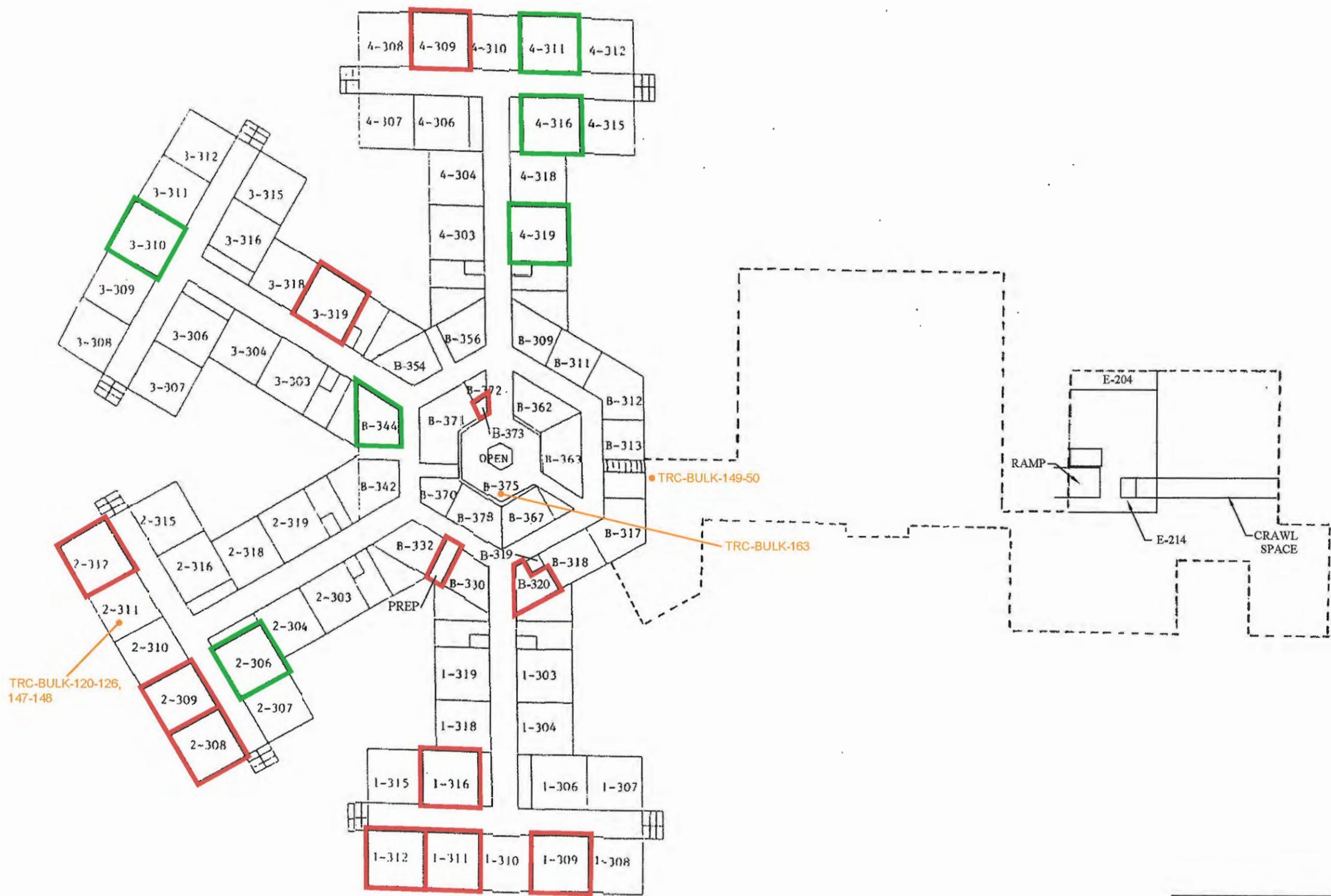
NEW BEDFORD HIGH SCHOOL
 230 HATHAWAY BLVD
 NEW BEDFORD, MASSACHUSETTS

**SECOND FLOOR
 BULK SAMPLING LOCATIONS**

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

DRAWN BY: HWB DATE:
 CHECKED BY: RSN SEPT 2008

**FIGURE
 F-2**



KEY	
●	BULK SAMPLE LOCATION JULY 2008
□ (Red)	RANDOMLY-GENERATED SAMPLING LOCATIONS
□ (Green)	ADDITIONAL LOCATIONS SELECTED FOR SAMPLING

ALL LOCATIONS ARE APPROXIMATE

NEW BEDFORD HIGH SCHOOL
230 HATHAWAY BLVD
NEW BEDFORD, MASSACHUSETTS

THIRD FLOOR
BULK SAMPLING LOCATIONS

TRC Wannancit Mills
850 Suffolk Street
Lowell, MA 01854
(978) 970-5600

DRAWN BY: HWB
CHECKED BY: RSN

DATE:
SEPT 2008

FIGURE
F-3