PCB REMEDIATION COMPLETION REPORT

Amistad Academy

WOODARD &CURRAN

1.866.702.6371
35 New England Business Center
Andover, MA

223019.00
Achievement First
New Haven, CT
October 2010

TABLE OF CONTENTS

SECTION **PAGE NO.**

1. INTRODUCTION 1-1

1.1 Site Description 1-1
1.2 Site Background / Conceptual Site Model 1-2
1.3 Submittals and Project Timeline 1-2
1.4 Project Team 1-3

2. REMEDY IMPLEMENTATION 2-1

2.1 Site Preparation and Controls 2-1
2.2 Additional Characterization Sampling 2-2
2.3 Remediation Activities 2-2
2.3.1 Upper Pre-Cast Concrete Panels 2-2
2.3.2 Lower Pre-Cast Concrete Panels 2-3
2.3.3 Brick Walls 2-4
2.3.4 Brick Columns 2-4
2.3.5 Doorway Areas 2-5
2.3.6 Courtyard Overhangs (Brick Walls and Concrete Ceilings) 2-6
2.3.7 Window and Door Frames 2-6
2.3.8 Soil Excavation 2-7
2.3.9 Asphalt, Rubberized Matting, and Concrete Walkway Removal 2-8
2.4 Waste Storage, Disposal, and Equipment Decontamination 2-9
2.5 Restoration 2-9

3. DATA USABILITY ASSESSMENT 3-1

3.1 Precision 3-1
3.2 Accuracy 3-1
3.3 Representativeness 3-2
3.4 Completeness 3-2
3.5 Comparability 3-2
3.6 Sensitivity 3-2
3.7 Conclusion 3-2

4. SUMMARY AND CONCLUSIONS 4-1

LIST OF TABLES

TABLE

Table 2-1: Summary of Additional Concrete Characterization Sample Results

Table 2-2: Summary of Upper Pre-Cast Panel Concrete Verification Sample Results

Table 2-3: Summary of Lower Pre-Cast Panel Concrete Verification Sample Results

Table 2-4: Summary of Brick Wall Verification Sample Results

Table 2-5: Summary of Steel Column Verification Wipe Sample Results

Table 2-6: Summary of Main Doorway Area Verification Sample Results

Table 2-7: Summary of Courtyard Overhang Brick Wall Verification Sample Results

Table 2-8: Summary of Metal Wipe Verification Sample Results (Windows, Doors, and Playground Equipment)

Table 2-9: Summary of Verification Soil Sample Results (Soil Excavation Areas)

Table 2-10: Summary of Verification Soil Sample Results (Beneath Asphalt, Concrete, or Matting Removal Areas)

LIST OF FIGURES

FIGURE

Figure 1-1: Site Locus

Figure 2-1: Additional Concrete Characterization Sample Locations and Concrete Removal Locations

Figure 2-2: Verification Soil Sample Locations (Initial Excavation)

Figure 2-3: Verification Soil Sample Locations (Additional Excavation Areas)

Figure 2-4: Verification Soil Sample Locations (Concrete Walkway Removal Areas)

Figure 2-5: Verification Soil Sample Locations (Concrete Walkway Removal Areas – Additional Excavation)

APPENDICES

Appendix A: EPA Approval and Notices

Appendix B: Dust Monitoring Logs

Appendix C: Analytical Laboratory Reports

Appendix D: Data Validation Summaries

Appendix E: Waste Shipment Documentation

1. INTRODUCTION

This Polychlorinated Biphenyl (PCB) Remediation Completion Report has been prepared by Woodard & Curran (W&C) on behalf of Amistad Academy - Achievement First to comply with the requirements set forth in the U.S. Environmental Protection Agency's (EPA) May 7, 2010 PCB Cleanup and Disposal Approval granted under 40 CFR 761.61(a), 761.61(c), and 761.79(h) (the Approval) for the subject work. This Approval is provided in Appendix A to this Report. This report has also been prepared to meet requirements of the Connecticut Department of Environmental Protection's (CTDEPs) May 26, 2010 Acknowledgement of the Notification of Significant Environmental Hazard submittal. This Report documents PCB remediation activities conducted at the former Dwight Street elementary school located at 130 Edgewood Avenue in a developed section of New Haven, Connecticut (Figure 1-1). At the time of the work, the school was vacant and undergoing significant renovations as part of a new school redevelopment project.

1.1 SITE DESCRIPTION

The main section of the building, which was included in the remediation activities, is located on the northern portion of the property along Edgewood Avenue. The building consists of single story construction with brick and pre-cast concrete panel exterior. The building also has three open air courtyards: one at the eastern end of the building; one in the center of the building; and one at the western end of the building. Four main entrance ways are present; two on the north face and two on the south face of the building.

A photograph of the north face of the building depicting major features is shown below.

The building is bordered by Edgewood Avenue to the north, by Gil and Chapel Streets beyond the schools fields and playgrounds to the south, by Dwight Street to the east, and by Day Street to the west. Surrounding ground surfaces are generally flat in elevation and covered with concrete sidewalks, asphalt, or soils.

1.2 SITE BACKGROUND / CONCEPTUAL SITE MODEL

Certain joint caulking used as part of standard construction practices for masonry buildings and concrete structures erected between the 1950's and late 1970's is known to have been manufactured with PCBs. PCBs were added to caulking for durability, resistance to degradation, and as a softener/plasticizer for application. The original main section of the building was constructed within this time frame.

In preparation for this project and based on the dates of construction, exterior caulking was inspected as part of the pre-demolition preparation work. An inventory of caulked joints was performed and representative samples were collected of caulking for PCB analysis. Analytical results indicated that exterior caulking contained PCBs at concentrations greater than 50 parts per million (ppm).

Based on these results, adjacent building materials were sampled to determine if migration of PCBs away from the caulking had occurred. Due to the porous nature of concrete and other masonry surfaces, PCBs in caulking may penetrate into adjacent building materials during application or over time, may leach and/or weather, and/or may be disturbed during renovations or other building work. Analytical results indicated that PCBs at concentrations > 1 ppm were present in building materials adjacent to the caulked joints at distances up to 6 inches. Horizontal surfaces surrounding the building were sampled to determine if migration of PCBs away from the building had occurred. Analytical results indicated that PCBs were present in soils adjacent to the building foundation and in concrete materials within the central courtyard area.

Given the detected PCB concentrations, the caulking and adjacent materials were subject to the PCB Disposal Regulations under 40 CFR Part 761 and the subsequent remediation conducted accordingly.

1.3 SUBMITTALS AND PROJECT TIMELINE

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

- Self-Implementing On-Site Cleanup and Disposal Plan (SIP) – March 22, 2010;
- Response to EPA Comments – April 22, 2010;
- Additional Clarification and Removal and Verification Summary Table – April 28, 2010;
- PCB Cleanup and Disposal Approval under 40 CFR 761.61(a) and (c), and 761.69(h) issued by EPA – May 7, 2010;
- Notifications, Certifications, and Contractor Work Plan – May 14, 2010;
- PCB Remediation Activities Commenced – May 18, 2010;
- Response to Comments, Contractor Work Plan and EPA Acknowledgement of no further comments – May 19, 2010;
- Ground Surface Remediation Plan – May 24, 2010;
- Addendum – Clarifications to Ground Surface Remediation Plan – June 3, 2010;

- EPA/CTDEP approval of Ground Surface Remediation Plan – June 4, 2010;
- Additional Information and Notification of Verification Sampling Results – July 2, 2010; and
- Notification of Verification Sample Results – August 3, 2010.

1.4 PROJECT TEAM

The remediation project team consisted of the following parties:

- Amistad Academy - Achievement First – Owner
- Gilbane Building Company – Project Manager
- Fusco Corporation – Site Construction Manager
- Manafort Brothers, Inc. (Manafort) – Remediation Contractor (material removal and segregation, soil excavation, off-site disposal, and overall activities)
- Woodard & Curran – Environmental consultant (engineer/inspector for PCB remediation)
- Analytics Laboratory – Laboratory for sample analyses

2. REMEDY IMPLEMENTATION

This section describes the PCB cleanup and disposal activities conducted at the Site under the Approval, consistent with the requirements of 40 CFR 761.61(a) and (c) and 761.69(h). Remediation activities began on May 18, 2010. Activities were conducted in accordance with the Approval and subsequent submittals as listed in Section 1.3. A summary of activities including, site preparations and controls, inspections and verification sample collection, and material removals and segregation is presented in the following sections.

2.1 SITE PREPARATION AND CONTROLS

Prior to initiating the remediation activities, site preparations and controls were implemented as described in Section 3.2.1 of the SIP and the Contractor Workplan. These preparations included the development of a Health & Safety Plan, filing notices and certifications with EPA pursuant to Conditions 9 and 11 of the Approval, Dig Safe marking and notification, and securing perimeter fences around the proposed work areas.

As discussed in the response to comments and clarification submittals, no saw cutting of building materials while they were positioned on the building was conducted during the removal process. Materials subject to segregation were removed from the building intact and transported to a pre-constructed waste segregation area consisting of a 8 foot high chain link fencing with polyethylene sheeting draped over both sides and a polyethylene base (see photograph to the right). Engineering controls implemented during the chipping processes (saw cutting was not performed) within the segregation area included spraying of water. Water for dust suppressant was supplied to the area via garden hoses with a spray nozzle to control flow. Consistent with the approval, dust monitoring was conducted during the chipping operations and no visible dust or readings above the action levels were recorded during the chipping within the segregation area.

In addition, dust control measures were also implemented during other removal actions on the building (e.g., brick removal) and soil excavation activities. These included the use of polyethylene sheeting on mechanical lifts and wet techniques during removal of materials and or soils. Air monitoring was conducted in accordance with the perimeter air monitoring plan included in Appendix D of the SIP. A direct-reading particulate meter (ThermoAnderson MIE *personal* DataRAM, model series pDR, Serial No. 4057) was used hourly to monitor a background location, the perimeter to the support work zone (SWZ), the support work zone, and the Edgewood Avenue entrance during dust generating activities.

There were no exceedances of the total airborne particulate action limit (0.1 mg/m^3 above background) during any site activities with the exception of one reading collected on May 27, 2010. However, the air monitoring logs indicate that this reading was likely caused by exhaust fumes from the bobcat excavator and not by dust from remedial activities; as such, no corrective actions were taken.

A copy of the air monitoring logs is provided in Appendix B.

2.2 ADDITIONAL CHARACTERIZATION SAMPLING

Additional characterization samples were collected from soil, concrete, and asphalt surfaces in accordance with the SIP, the Ground Surfaces Remediation Plan, and the June 3, 2010 Addendum to the Ground Surfaces Remediation Plan in order to delineate the lateral extent of removal from these areas.

The results from this additional sample collection were presented in the July 2, 2010 Additional Information submittal, which is included in Appendix A. The subsequent removal areas were modified based on these results and a summary of the completed activities is presented in the following sections.

As indicated in the July 2, 2010 submittal, the additional samples of concrete from the main courtyard area did not delineate the full extent of PCBs impacts > 1 ppm. As such, additional delineation samples were collected to define the removal area in the main courtyard prior to concrete removal. Based on these results, additional concrete samples were also collected in the western and eastern courtyard prior to removal activities in these areas. A summary of these additional concrete characterization sample results is presented on Table 2-1. All concrete characterization sampling locations and the required extent of concrete removal within the courtyard areas are depicted on Figure 2-1.

2.3 REMEDIATION ACTIVITIES

Remediation activities were conducted in accordance with EPA's May 7, 2010 Approval and the May 24, 2010 Ground Surfaces Remediation Plan and submittals included in Section 1.3 above. A summary of the remedial activities is presented in the following sections.

2.3.1 Upper Pre-Cast Concrete Panels

Remedial activities associated with the upper pre-cast panels were conducted in accordance with the Approval. Upper pre-cast panels were removed from the building and transported to the waste segregation area per the May 14, 2010 contractor's work plan. Verification samples were collected from the upper pre-cast panels in accordance with the SIP. A summary of the verification sampling results are presented on Table 2-2. A summary of the remedial activities conducted is as follows:

- Conducted gross removal and collection of caulking for disposal prior to and immediately after removal of the panels;
- Removal of the 123 upper pre-cast panels from the building without saw cutting and transporting to the waste segregation area;
- Following panel removal, visual inspection confirmed no direct contact between caulked joints and underlying building materials (panels were fastened to the building by large bolts drilled into the center of the panels);
- Removal of concrete from 0-6 inches of all caulked joints via chipping within the waste segregation area;
- Collected 22 verification samples over approximately 1,968 linear feet (l.f.) based on 16 l.f. per panel:
    - 21 of 22 samples were non-detect or detected PCBs < 1 ppm (average of 0.183 ppm);
    - 1 sample representing two of the four panels removed from the eastern courtyard area detected PCBs at a concentration of 1.39 ppm. Consistent with the Approval, this verification result was communicated to the EPA via an August 3, 2010 email. The two panels represented by this result were subsequently disposed of in their entirety as ≥ 50 ppm PCB waste; and

- Segregated concrete was transported off-site for disposal as ≥ 50 ppm PCB wastes (total of 11.3 cubic yards [yd^3]); remainder of each concrete pre-cast panel was disposed of as construction debris.

2.3.2 Lower Pre-Cast Concrete Panels

Remedial activities associated with the lower pre-cast panels (including the vertical panels, the upper headers, and lower sills) were conducted in accordance with the Approval. Vertical pre-cast panels were removed from the building and transported to the waste segregation area per the May 14, 2010 contractor's work plan. A summary of the verification sampling results are presented on Table 2-3. A summary of the remedial activities conducted is as follows:

- Conducted gross removal and collection of caulking for disposal prior to and immediately after removal of the panels;
- Removal of the upper headers and lower sills for off-site disposal as ≥ 50 ppm PCB waste (total of 13.8 yd^3);
- Removal of the 84 vertical lower pre-cast panels from the building without saw cutting and transported to the waste segregation area;
- Removal of concrete from 0-2 inches on all four sides of the lower panels via chipping within the waste segregation area;
- Collected 26 verification samples over approximately 2,184 l.f. based on 26 l.f. per panel:
    - 25 of 26 initial samples were non-detect (12 samples) or detected PCBs < 1 ppm (average of 0.279 ppm);
    - 1 sample detected PCBs > 1 ppm (1.305 ppm). As per July 2, 2010 Notification, an additional 2 inches of concrete were removed from the individual panel. Results from the subsequent verification sample collected 4 inches from the joint indicated PCBs < 1 ppm PCBs; and
- Segregated concrete was transported off-site for disposal as ≥ 50 ppm PCB wastes (total of 4.4 cubic yards (yd^3); remaining portions of panels were disposed of as construction debris.

In addition to the above remedial activities, following removal of the lower pre-cast sills, visual inspection indicated that caulking, when present in the joint between the sills, was in direct contact with the building foundation. Results from five of the six verification samples indicated that PCBs were present in concrete foundation materials with reported concentrations ranging from 1.49 to 42.6 ppm (verification samples collected prior to removal of concrete foundation materials). A summary of the verification sampling results are presented on Table 2-3. This information and the subsequent plan to address this concrete was provided to EPA in the July 2, 2010 Notification. A summary of the subsequent remedial activities conducted is as follows:

- Removed concrete within 2 inches of all sill joints to a depth of 2 inches for disposal as ≥ 50 ppm PCB wastes using a jackhammer (total of 0.4 yd^3);
- Collected verification samples at a frequency of 1 sample per 25 l.f. of sill joint for a total of seven samples:
    - Results from 6 of 7 samples indicated PCBs < 1 ppm with concentrations ranging from below the minimum laboratory reporting limit to 0.608 ppm; and
    - Results from 1 sample indicated PCBs present at 2.39 ppm. Additional concrete removal was conducted over a 25 foot length corresponding to the sample and subsequent verification

sampling results indicated that PCBs were not present above the minimum laboratory reporting limit of 0.033 ppm.

2.3.3 Brick Walls

Remedial activities associated with the brick walls on the perimeter of the building and in the eastern courtyard area were conducted in accordance with the Approval. Brick materials were removed from the building per the May 14, 2010 contractor's work plan. Additional brick material removal was conducted surrounding three exterior doors and one window not identified during the initial building inventory included in the SIP. A summary of the verification sampling results are presented on Table 2-4. A summary of the remedial activities conducted is as follows:

- Removal of brick materials, using a jackhammer, within 6 lateral inches of the 469 l.f. of horizontal caulked joints between the brick walls and the upper pre-cast panels (first two courses of brick) and within 2 inches of exterior doors and window (first course of brick) for off-site disposal as $\geq$ 50 ppm PCB wastes (total of 2.9 yd^3);
- Conducted visual inspections to confirm no direct contact between brick materials and underlying building materials (a 2 inch void space was located between the brick walls and the underlying materials);
- Collected verification samples from the backside of the first row of removed brick (in place of underlying materials due to no materials beneath the brick) and the face of the remaining brick on the building facade at a frequency of 1 sample set per 50 l.f. of caulked joints and one set from each door and window for a total of 14 sets (28 samples):
    - Results from 27 of the 28 samples were non-detect (20 samples) or detected < 1 ppm (average of 0.314 ppm); and
    - Results from 1 sample contained PCBs > 1 ppm with a reported PCB concentration of 1.26 ppm.
- Removal of one additional course of brick materials over approximately 35 l.f. of building beneath the upper horizontal caulked joint on the southeast corner of the building for disposal as > 1 and < 50 ppm PCB waste based on results of the 1.26 ppm sample (total of 0.1 yd^3). This information and the remedial plan was provided to EPA in the July 2, 2010 Notification. Results from verification samples collected beyond the extent of additional removal indicated that PCBs were non-detect; and
- Brick materials were transported off-site for disposal as $\geq$ 50 ppm PCB wastes (total of 2.9 yd^3) and > 1 and < 50 ppm PCB wastes (total of 0.1 yd^3).

2.3.4 Brick Columns

Remedial activities associated with the brick columns were conducted in accordance with the Approval and the July 2, 1010 Notification, which documented the discovery of and the planned remedial activities associated with an interior bead of PCB caulking between the lower pre-cast panels and the brick columns which was previously covered with masonry block. All brick, masonry block, and underlying materials were removed exposing the structural steel columns. A summary of the verification sampling results are presented on Table 2-5. A summary of the remedial activities conducted is as follows:

- Removal of brick, masonry block, and underlying materials for off-site disposal as $\geq$ 50 ppm PCB waste from 29 columns (total of 6.4 yd^3);
- Conducted visual inspection of underlying structural steel columns which indicated potential direct contact between caulking and structural steel;

- Collected verification wipe samples at a frequency of 1 sample per 50 l.f. of column for a total of 12 samples (based on a total of 586 l.f. of column):
    - All samples were non-detect (< 0.5 µg/100 cm^2).
- Removed materials were transported off-site for disposal as ≥ 50 ppm PCB wastes (total of 6.4 yd^3).

2.3.5 Doorway Areas

Remedial activities associated with the doorway areas (including the concrete ceilings, concrete pads, brick walls, and metal door frames) were conducted in accordance with the Approval. Materials were removed from the building per the May 14, 2010 contractor's work plan. A summary of the verification sampling results are presented on Table 2-6. A summary of the remedial activities conducted is as follows:

- Removal of brick materials within 2 inches of the caulked joints (one course of bricks), entire concrete ceilings, and concrete pad materials within 6 inches of caulked joints for off-site disposal as ≥ 50 ppm PCB wastes (total of 3.7 yd^3 of brick and concrete):
    - Removal of entire concrete ceilings for disposal as ≥ 50 ppm PCB waste due to safety hazard associated with segregating materials in overhead areas (3.1 yd^3).
- Removal of concrete pad materials > 6 inches from caulked joints in accordance with the June 3, 2010 addendum to the Ground Surface Remediation Plan for off-site disposal as > 1 and < 50 ppm PCB wastes (total of 3.9 yd^3);
- Door frame in the northwest doorway area segregated for disposal in accordance with the SIP. The door frames from southeast and northeast doorway areas were removed in their entirety and disposed of as ≥ 50 ppm PCB wastes due to damage sustained to the door frames during removal. Upon commencement of remediation activities it was determined that no door frame was present in the southwest doorway area. The removal and disposal of concrete, brick, and soil was still conducted in this area in accordance with the Approval;
- Conducted visual inspections of doorway area as follows:
    - Visual inspection indicated that the concrete ceilings were suspended by wire approximately 12-18 inches below the structural steel. No direct contact between the concrete ceiling joint and the underlying materials was observed; therefore, no verification samples of underlying materials were collected; and
    - Visual inspection confirmed no direct contact between brick materials and underlying building materials (a 2 inch void space was located between the brick walls and the underlying materials); therefore, no verification samples of underlying materials were collected.
- Collected verifications samples in accordance with the SIP:
    - Brick verification samples collected at a frequency of 1 sample set per 50 l.f. for a total of 4 sample sets (8 samples). Samples were collected from the backside of the bricks (in place of underlying materials given that no materials were present, see above) and from the face of the remaining brick on the building façade. All results were non-detect (6 samples) or < 1 ppm (concentrations of 0.3 and 0.506 ppm);
    - A verification wipe sample was collected from a section of the northwest door frame not in direct contact with the caulking. Results were reported as non-detect (< 0.5 µg/100 cm^2); these portions of the door frame were segregated and transported off-site for recycling; and

- Verification soil samples were collected following removal of the concrete pads. Results from all samples were non-detect (11 samples) or < 1 ppm (analytical result of 0.462 ppm).

- Removed materials were transported off-site for disposal as ≥ 50 ppm PCB wastes or > 1 and < 50 ppm PCB wastes.

2.3.6 Courtyard Overhangs (Brick Walls and Concrete Ceilings)

Remedial activities associated with the courtyard overhangs (brick walls and concrete ceilings) were conducted in accordance with the Approval. Materials were removed from the building per the May 14, 2010 contractor's work plan. A summary of the verification sampling results are presented on Table 2-7. A summary of the remedial activities conducted is as follows:

- Removal of concrete ceiling materials in their entirety without segregation due to safety concerns associated with removal and segregation in overhead areas; all concrete transported for off-site disposal as ≥ 50 ppm PCB waste (total of 14.3 yd^3);
- Performed visual inspection of materials above concrete ceilings which indicated that the concrete ceilings were suspended by wire approximately 12-18 inches below the structural steel. No direct contact between the concrete ceiling joint and the underlying materials was observed; therefore, no verification samples of underlying materials were collected;
- Removal of brick materials within 2 inches of all upper and lower horizontal caulked joints (first course of brick) along approximately 230 l.f. of caulked joints; all brick transported for off-site disposal as ≥ 50 ppm PCB waste (total of 0.6 yd^3);
- Performed visual inspection of underlying materials which confirmed no direct contact between brick materials and underlying building materials (a 2 inch void space was located between the brick walls and the underlying materials); therefore, no verification samples of underlying materials were collected;
- Verification samples were collected from the backside of the removed brick (in place of underlying materials due to no direct contact, see above) and the face of the remaining brick at a frequency of 1 sample set per 50 l.f. of caulked joints for a total of 5 sets (10 samples). Results from all samples were non-detect (4 samples) or < 1 ppm (average concentration of 0.2 ppm); and
- Removed materials were transported off-site for disposal as ≥ 50 ppm PCB wastes (total of 14.9 yd^3).

2.3.7 Window and Door Frames

Curtain wall windows, courtyard area doors, exterior doors, and exterior windows in direct contact with caulking were removed for off-site disposal as ≥ 50 ppm PCB waste in accordance with the Approval. In addition, portions of playground equipment from the western courtyard in direct contact with rubberized matting were removed for off-site disposal as > 1 and < 50 ppm PCB waste. Materials were removed per the May 14, 2010 contractor's work plan. A summary of the verification sampling results are presented on Table 2-8. A summary of the remedial activities conducted is as follows:

- Removal of curtain wall window frames, door frames, and window frames in direct contact with caulking for off-site disposal as ≥ 50 ppm PCB waste;
- Removal of playground equipment in direct contact with the rubberized matting for off-site disposal as > 1 and < 50 ppm PCB waste;

- Verification wipe testing was conducted on sections not in direct contact with caulking for waste segregation. Wipe testing was conducted at a frequency of 1 sample per 100 l.f. of frames prior to window and door removal to allow for waste segregation during the removal process based on health and safety consideration primarily associated with the large panes of glass present on the curtain wall window units;
- Analytical results from 22 of the 23 wipe samples were non-detect (16 samples at concentrations < 0.5 µg/100cm^2) or < 10 µg/100cm^2 (average concentration of 1.12 µg/100cm^2);
- One sample collected on the curtain wall window frame at the western end of the center courtyard contained PCBs at 71 µg/100cm^2 (see discussion below); and
- All frames and playground equipment not in direct contact with caulking were shipped off-site as construction debris to the Circle of Life transfer facility in New Haven, Connecticut and segregated for recycling.

As noted above, all curtain wall window frames not in direct contact with the caulking were shipped off-site to the Circle of Life Transfer facility in New Haven, Connecticut for segregation and eventual recycling. During data reduction, a transcription error from the analytical laboratory report to the project data tables occurred which reported to the project team a PCB concentration of 0.071 µg/100cm^2 for verification wipe sample AA-VWP-052. Based on this, the associated window frames were shipped off-site for recycling. However, as indicated above, the actual result for this sample was 71 µg/100cm^2. This condition was detected during the data validation process and after shipment of the frame materials. Contact to the facility upon knowledge of this condition indicated that all received materials are subsequently shipped to various facilities for recycling. Based on the overall verification wipe data set (16 wipes with results < 0.5 µg/100cm^2 and 5 with results ranging from 0.7 to 1.8 µg/100cm^2) it is believed that the results from wipe sample AA-VWP-052 were not representative of PCB concentrations on metal frames not in direct contact with caulking but instead an isolated area or anomaly.

2.3.8 Soil Excavation

Soil excavation activities were conducted in accordance with the Approval and the Ground Surfaces Remediation Plan. Soil excavation areas and verification sample locations are depicted on Figures 2-2 and 2-3. Summaries of the verification sampling results are presented on Tables 2-9 and 2-10 and as follows (details of soil excavation beneath courtyard concrete removal areas are presented in Section 2.3.9):

- Excavation of soils from three areas on the northern side of the building was conducted to a depth of 1 foot below ground surface (ft bgs) to a distance of 5 feet from the building foundation for off-site disposal as ≥ 50 ppm PCB waste (total of 11.1 yd^3);
- Excavation of soils to a distance of 10 feet from the building foundation was conducted to a depth of up to 24 inches bgs as shown on Figures 2-2 and 2-3 for disposal as > 1 and < 50 ppm PCB wastes (total of 323 yd^3). The excavation area was extended to 12.5 feet along 23 feet of the south side of the building and 13.5 feet along 30 feet of the north side of the building based on results of additional characterization sampling as reported in the July 2, 2010 Notification; and
- Verification soil samples were collected from the base of the excavation every 10 feet in accordance with the Ground Surfaces Remediation Plan:
    - Results from 62 of the 96 samples were non-detect for PCBs and 33 of the remaining 34 samples were < 1 ppm with an average of 0.248 ppm.

- 1 sample reported PCBs > 1 ppm (1.89 ppm). Additional excavation to a depth of 2 feet below grade and verification testing was conducted in this area. The subsequent two verification samples were non-detect for PCBs.

2.3.9 Asphalt, Rubberized Matting, and Concrete Walkway Removal

Asphalt, rubberized matting, and concrete walkway removal was conducted in accordance with the Approval and the Ground Surfaces Remediation Plan. Prior to implementation, additional characterization sampling of concrete surfaces was conducted as described in the Ground Surfaces Remediation Plan and Section 2.2 of this report. Follow removal of ground surface materials, verification soil samples were collected. Ground surface removal areas and verification sample locations are depicted on Figures 2-2, 2-3, 2-4 and 2-5. Summaries of the remediation activities and verification sampling results are presented on Table 2-10 and as follows:

- Removal of asphalt materials to a distance of 24 inches along approximately 37 feet on the southern side of the building and to a distance of 12 inches along the eastern side of the building for disposal as > 1 and < 50 ppm PCB waste (total of 1.4 yd^3);
- Removal of rubberized matting materials in the western courtyard for off-site disposal as > 1 and < 50 ppm PCB waste (total of 3.7 yd^3);
- Removal of concrete walkways, as depicted on Figure 2-4, within the three courtyard areas to a distance of 12" from the building foundation, curtain wall window sills, and doorways for off-site disposal as $\geq$ 50 ppm PCB wastes. The distance was increased to 24 inches along approximately 35 feet on the western side of the central courtyard based on results of the additional characterization testing (total of 2.8 yd^3);
- Removal of concrete walkway materials in the central and western courtyards as depicted on Figure 2-4 for disposal as > 1 and < 50 ppm PCB wastes (total of 22.3 yd^3);
- Verification soil samples were collected following removal of asphalt materials on a 10 foot sample grid in accordance with the Ground Surfaces Remediation Plan:
    - Analytical results from 9 of 10 soil samples collected from asphalt removal areas were non-detect (4 samples) or reported PCB concentrations < 1 ppm with an average concentration of 0.36 ppm;
    - Analytical result from one sample collected from the south side of the building reported a PCB concentration of 3.76 ppm (NOTE: the duplicate sample collected with soil sample VSS-198 detected PCBs at a concentration of 1.661 ppm; therefore additional soil removal was also conducted in this area); and
    - Soils were excavated to a depth of 12" below the base of the asphalt in these two areas for disposal as > 1 < 50 ppm PCB wastes (total of 3 yd^3). Verification samples were collected from locations off-set from the original samples. Analytical results indicated that PCBs were non-detect (3 samples) or < 1 ppm with two reported concentrations of 0.044 ppm.
- Verification soil samples were collected following removal of rubberized matting materials on a 10 foot sample grid in accordance with the Ground Surfaces Remediation Plan:
    - Analytical result from all 12 soil samples collected from the area of rubberized matting removal reported PCBs at concentrations of non-detect (8 samples) or < 1 ppm (average concentration of 0.209 ppm).
- Verification soil samples were collected following removal of concrete materials within the courtyard areas, on a 10 foot sample grid in accordance with the Ground Surfaces Remediation Plan:

- Analytical results from 34 of 38 soil samples collected from areas of concrete removal reported PCBs at concentrations of non-detect (23 samples) or < 1 ppm (average concentration of 0.358 ppm);
- Analytical results from one sample in the central courtyard and three in the western courtyard reported PCB concentrations > 1 ppm with a maximum concentration of 5.39 ppm in the western courtyard area; and
- Soils were excavated to a depth of 12 inches below the base of the concrete in these areas for off-site disposal as > 1 and < 50 ppm PCB waste (total of 2.3 yd^3). Verification soil samples were collected from locations off-set from the original samples. Analytical results indicated that PCBs ranged from 0.174 to 0.624 ppm.

2.4 WASTE STORAGE, DISPOSAL, AND EQUIPMENT DECONTAMINATION

Waste storage and disposal activities were completed in accordance with the procedures outlined in Section 3.2.10 of the SIP and the Contractor's Work Plan. All active work areas were secured by perimeter chain-link fencing throughout the duration of the work activities. All soils, building materials, and other PCB wastes generated in association with removal activities (i.e. polyethylene sheeting, PPE) were placed in secure, lined, covered, and marked 20-yard roll-off waste containers that were kept within fence perimeters while on-site. The PCB wastes were managed in accordance with 40 CFR 761.65 and marked in accordance with 40 CFR 761.40. Following use, non-disposal equipment and tools were decontaminated using a double wipe with methanol soaked rags following gross removal of any dust or debris.

Building debris and soils classified as ≥ 50 ppm PCBs were transported under a hazardous waste manifest to Environmental Quality's Wayne Disposal Landfill in Belleville, Michigan. A total of twelve waste containers were shipped off-site as ≥ 50 ppm PCB wastes for a total of 178 tons of material. Of these, four cubic yards of materials were generated from the interior columns and were classified as ≥ 50 PCB and asbestos waste. Wastes classified as < 50 ppm PCBs were segregated for disposal and transported under manifest to the Commonwealth Environmental Systems' Keystone Sanitary Landfill in Hegins, Pennsylvania. A total of 33 waste containers were shipped off-site as > 1 and < 50 ppm PCB waste for a total of 529 tons of materials.

Concrete materials from the pre-cast panels and segregated for disposal through verification testing (i.e., < 1 ppm PCBs) were shipped off-site to Spring Street Recycling in New Haven, Connecticut for eventual reuse as base material for roads, footings, and foundations. General construction debris, including metal window and door frames not in direct contact with caulked joints were shipped off-site to Circle of Life transfer facility in New Haven, Connecticut for segregation and recycling.

Copies of all PCB waste shipment records including manifests and certificates of disposal are provided in Appendix E.

2.5 RESTORATION

Site and building restoration are being conducted as part of the overall building and site construction project currently underway. As part of the project, continued use as a school is planned for the building and property.

3. DATA USABILITY ASSESSMENT

This data quality and data usability assessment reviews the results of the samples collected following PCB remediation implementation as presented in Section 2. This precision, accuracy, representativeness, completeness, comparability, and sensitivity (PARCCS) parameter evaluation includes an assessment of the parameters and QA/QC samples as they affect the usability of site sample results. These indicators have been examined in the context of the intended use of the data, and an overall assessment of site conditions.

Data validation was conducted by a third-party validator, Data Check, Inc. of New Durham, New Hampshire, according to a modified Tier II validation procedure. This review included a check of field documentation including sample collection and preservation methods, a check of the laboratory data and documentation, a review of the internal laboratory QA/QC procedures and results including surrogate recoveries, matrix spike and matrix spike duplicate results, blank results, and laboratory control standard results, and an evaluation of sample holding times, and field duplicate results. The assessment was performed in general conformance with USEPA Region I Guidelines and the Quality Control Guidelines for the Acquisition. Data Check's data validation summaries are provided in Appendix D.

Sample extraction and analysis was performed by Analytics Environmental Laboratory of Portsmouth, New Hampshire. All samples were extracted by USEPA Method 3540C (Soxhlet Extraction) and analyzed for PCBs by USEPA Method 8082. Copies of laboratory analytical reports are provided in Appendix C.

3.1 PRECISION

Field duplicate samples were collected at a frequency of one duplicate sample per twenty primary samples during the sampling events. A total of twelve duplicate samples were collected to analyze the precision of the verification sample results. Relative percent differences (RPDs) between the primary and associated duplicate samples were within acceptance criteria (< 50%) with three exceptions. Results of the primary samples associated with these duplicate samples were qualified J and/or UJ based on this evaluation.

As a result of the data validation process, data qualifiers were attached to certain sample results to indicate that the concentration is estimated. Data was qualified with a "J" if the RPD between the column results was outside of the acceptance criteria (≤25%); column results typically differ in the analysis of solid matrices due to heterogeneities inherent to the sample matrix. Whether or not the RPD meets acceptance criteria, the laboratory reports the higher of the two column results.

3.2 ACCURACY

Accuracy of the analytical data was assessed by reviewing recoveries for matrix spikes (MS), matrix spike duplicates (MSD), surrogates, laboratory control samples (LCS) and laboratory control sample duplicates (LCSD). After review of this information, one data point was qualified as estimated UJ based on MS/MSD recoveries outside acceptable limits. Recoveries were identified outside acceptable limits for other samples; however, due to analytical results below the minimum laboratory reporting limit or interferences due to high concentrations of different Aroclors, no other qualifications were applied to the data as a result of MS/MSD, surrogate, or LCS/LCSD percent recoveries.

Sample temperature was also evaluated to assess accuracy of the data. Results from several sample delivery groups were estimated UJ/J due to sample receipt at the laboratory at temperatures > 6 degrees Celsius. Modifications to the shipping procedures (additional ice in the coolers, and change in couriers) were made upon identification of the issue. Based on the stability of PCBs in the environment, the data was still considered useable for the intended purposes.

3.3 REPRESENTATIVENESS

Consistent procedures and laboratory analysis of the data were achieved. Sample containers were packed on ice and were accompanied by complete chain of custody forms from the time of sample collection until laboratory delivery. All samples were extracted and analyzed within the allowable holding time for the method. No analytes were detected in the laboratory method blank analyses, indicating that there were no interferences introduced at the laboratory during sample analysis. Field equipment blank samples, collected at a frequency of one per twenty primary samples during the sampling events, were non-detect for all samples; no qualifications were applied to the data.

3.4 COMPLETENESS

Completeness is a measure of the amount of valid data obtained from a measurement system compared to the amount of valid data expected. The data packages from Analytics were reviewed to ensure that all sample and associated quality assurance results were available. Results of the completeness review indicated that all collected samples were analyzed and all quality control results were available to complete the data validation process.

3.5 COMPARABILITY

Comparability measures the degree of confidence which one data set can be compared to a related set of data. Based on a review of established standard methods and procedures for collection, analysis, and reporting of data, the data collected during the sampling events are considered to have met the requirements for comparability.

3.6 SENSITIVITY

Sensitivity was evaluated based on a review of the sample quantitation and reported quantitation limits. Laboratory reported detection limits met the site data quality objective (reporting limit of ≤ 1 ppm or ≤ 10 µg/100cm^2).

3.7 CONCLUSION

Based on a review of the analytical results with regard to the PARCCS parameters, this data quality / data usability assessment indicates that the data is of sufficient quality for use in rendering an opinion of conditions at the Site.

4. SUMMARY AND CONCLUSIONS

This Report details the PCB cleanup and disposal activities conducted at the former Dwight Street elementary school located at 130 Edgewood Avenue in New Haven, Connecticut. These activities were conducted between May 18 and September 3, 2010. All PCB remediation activities were performed in accordance with the EPA's May 7, 2010 PCB Cleanup and Disposal Approval granted under 40 CFR 761.61(a), 761.61 (c), and 761.79(h) and associated addenda and clarifications. PCB clean up activities associated with soils were also conducted in accordance with requirements of the CTDEPs May 26, 2010 Acknowledgement of the Notification of Significant Environmental Hazard submittal.

Post-excavation verification sampling was conducted in accordance with verification sampling procedures outlined in the SIP, Approval, and associated addenda and clarifications. In those instances in which analytical results indicated that PCBs were present at concentrations > 1 ppm, additional removal activities were conducted and verification samples were collected to achieve the applicable clean up levels. A data quality / data usability assessment indicated that the data is of sufficient quality for use in rendering an opinion of remaining conditions at the Site.

All PCB wastes generated in association with removal activities were placed in secure, lined, covered, and marked waste containers in accordance with 40 CFR 761.65 and 40 CFR 761.40. A total of 178 tons of building debris and soils containing ≥ 50 ppm PCBs were shipped off-site for disposal at Environmental Quality's Wayne Disposal Landfill in Belleville, Michigan, and a total of 529 tons of building debris and soils containing > 1 ppm and < 50 ppm PCBs were shipped off-site for disposal at Commonwealth Environmental Systems' Keystone Sanitary Landfill in Hegins, Pennsylvania. Concrete materials segregated as non-PCB wastes (i.e., ≤ 1 ppm total PCBs) were shipped off-site for recycling at Spring Street Recycling in New Haven, Connecticut. Building debris, including window and door frame components, segregated as non-PCB wastes were shipped off-site for segregation and recycling at the Circle of Life transfer station in New Haven, Connecticut. Site restoration will be conducted as part of the overall building and site renovation project currently underway at the Site.

Based on the results of the removal activities and verification data, the work met the conditions of the Approval and no additional PCB remediation work is warranted at the Site.

Table 2-1
Summary of Additional Concrete Characterization Sample Results

Amistad Academy
New Haven, Connecticut

Sample ID	Date	Distance from Caulking	Work Area	Reporting Limit (mg/kg)	Total PCBs (mg/kg)
AA-CC-023	7/7/2010	24"	East side center courtyard beneath brick wall	0.2	**2.37**
AA-CC-024	7/7/2010	12"	East side center courtyard base of brick column	1.65	**20.3**
AA-CC-025	7/7/2010	12"	East side center courtyard base of brick column	0.33	**4.93**
AA-CC-026	7/7/2010	12"	East side center courtyard beneath brick wall	0.2	**2.19**
AA-CC-030	7/7/2010	12"	West side center courtyard beneath overhang	0.033	0.424
AA-CC-031	7/7/2010	12"	West side center courtyard base of brick column	16.7	**130**
AA-CC-032	7/7/2010	12"	West side center courtyard beneath overhang	0.17	**1.44**
AA-CC-034	7/7/2010	24"	West side center courtyard base of brick column	0.33	0.62
AA-CC-036	7/20/2010	10'	East side drip line, center courtyard	0.69	**9.5**
AA-CC-037	7/20/2010	10'	East side drip line, center courtyard	1.68	**17.2**
AA-CC-038	7/20/2010	10'	West side drip line, center courtyard	0.033	0.261
AA-CC-039	7/20/2010	12"	Base of brick wall, western courtyard	0.16	**1.81**
AA-CC-040	7/20/2010	12"	Northern side of western courtyard	0.033	0.404
AA-CC-041	7/30/2010	20'	East end of east to west walk, center courtyard	0.033	0.091
AA-CC-042	7/30/2010	12"	Northeast corner base of brick wall, western courtyard	0.16	**1.59**
AA-CC-043	7/30/2010	12"	Base of brick wall, 5ft south of -039, western courtyard	0.033	0.091 J
AA-CC-046	8/11/2010	12"	Base of brick wall, 5ft south of -042, western courtyard	0.033	0.282
AA-CC-047	8/11/2010	20'	West end of east to west walk, center courtyard	0.033	0.197
AA-VCC-177	7/21/2010	6"	Northern concrete pad, eastern courtyard	0.033	0.132
AA-VCC-179	7/21/2010	66"	Southern concrete pad, eastern courtyard	0.033	0.077 J

Notes:
Total PCB concentrations reported in milligrams per kilogram (mg/kg) as Aroclor 1254, no other Aroclors reported by analytical laboratory.
J = Analytical results qualified as estimated based on data validation (see Appendix D).
Results in bold and shaded exceed applicable cleanup criteria.

Table 2-2
Summary of Upper Pre-Cast Panel Concrete Verification Sample Results

Amistad Academy
New Haven, Connecticut

Sample ID	Sample Date	Distance from Joint (Inches)	Side of Building	Reporting Limit	Total PCBs (mg/kg)
AA-VCS-014	5/26/2010	6	South	0.033	0.109 J
AA-VCS-015	5/26/2010	6	South	0.033	0.076 J
AA-VCS-016	5/26/2010	6	South	0.033	0.091 J
AA-VCS-017	6/2/2010	6	South	0.3	<0.3 UJ
AA-VCS-018	6/2/2010	6	South	0.033	0.041 J
AA-VCS-019	6/2/2010	6	South	0.033	0.259 J
AA-VCS-027	6/8/2010	6	North	0.033	0.035
AA-VCS-028	6/8/2010	6	North	0.033	0.051
AA-VCC-135	6/30/2010	6	North	0.033	<0.033
AA-VCC-136	6/30/2010	6	North	0.033	0.181
AA-VCC-137	6/30/2010	6	North	0.033	0.152
AA-VCC-142	6/30/2010	6	North	0.033	0.074
AA-VCC-143	6/30/2010	6	North	0.033	<0.033
AA-VCC-148	7/7/2010	6	Central Courtyard	0.036	0.337
AA-VCC-149	7/7/2010	6	Central Courtyard	0.036	0.610
AA-VCC-150	7/7/2010	6	Central Courtyard	0.033	0.076
AA-VCC-151	7/15/2010	6	Central Courtyard	0.033	0.196
AA-VCC-152	7/15/2010	6	Central Courtyard	0.033	0.263
AA-VCC-153	7/15/2010	6	Western Courtyard	0.033	<0.033
AA-VCC-157	7/16/2010	6	Western Courtyard	0.033	0.070
AA-VCC-162	7/19/2010	6	East Courtyard	0.033	0.832
AA-VCC-164	7/20/2010	6	East Courtyard	0.033	**1.39** (1)

Notes:
1. Following removal of 6 inches from upper concrete panels in the east courtyard, represented panels disposed of as > 50 ppm PCB waste in their entirety.
J /UJ= Analytical results qualified as estimated based on data validation (see Appendix D).
Total PCB concentrations reported as Aroclor 1254, no other Aroclors reported by analytical laboratory.
All results in milligrams per kilogram (mg/kg).
Results in bold and shaded exceed applicable cleanup criteria.

Table 2-3
Summary of Lower Pre-Cast Panel Concrete Verification Sample Results

Amistad Academy
New Haven, Connecticut

Sample ID	Sample Date	Distance from Joint (Inches)	Sample Location	Reporting Limit	Total PCBs (mg/kg)	Additional Sample ID	Sample Date	Distance from Joint (Inches)	Reporting Limit	Total PCBs (mg/kg)
AA-VCS-001	5/21/10	2	South side of building	0.36	0.363					
AA-VCS-002	5/21/10	2	South side of building	0.33	0.444					
AA-VCS-003	5/21/10	2	South side of building	0.33	0.367					
AA-VCS-004	5/21/10	2	South side of building	0.33	<0.330					
AA-VCS-005	5/21/10	2	South side of building	0.33	<0.330					
AA-VCS-006	5/21/10	2	South side of building	0.33	<0.330					
AA-VCS-007	5/21/10	2	South side of building	0.33	<0.330					
AA-VCS-008	5/21/10	2	South side of building	0.33	<0.330					
AA-VCS-009	5/21/10	2	South side of building	0.33	<0.330					
AA-VCS-010	5/21/10	2	South side of building	0.33	<0.330					
AA-VCS-011	5/21/10	2	South side of building	0.33	<0.330					
AA-VCS-012	5/21/10	2	South side of building	0.33	<0.330					
AA-VCS-013	5/21/10	2	South side of building	0.33	<0.330					
AA-VCS-023	6/8/2010	2	North side of building	0.033	**1.305 (0.639/0.666)**	AA-VCC-069	6/12/2010	4	0.036	0.894 (0.602/0.292)
AA-VCS-024	6/8/2010	2	North side of building	0.033	0.208 (0.090/0.118)					
AA-VCS-025	6/8/2010	2	North side of building	0.033	0.17 J (0.088/0.082)					
AA-VCS-026	6/8/2010	2	North side of building	0.033	0.389 (0.221/0.168)					
AA-VCS-029	6/9/2010	2	North side of building	0.033	0.263					
AA-VCS-030	6/9/2010	2	North side of building	0.033	<0.033					
AA-VCS-031	6/9/2010	2	North side of building	0.033	<0.033					
AA-VCS-032	6/9/2010	2	North side of building	0.033	0.469 J					
AA-VCS-033	6/9/2010	2	North side of building	0.033	0.25					
AA-VCS-034	6/9/2010	2	North side of building	0.033	0.062					
AA-VCS-035	6/10/2010	2	North side of building	0.033	0.363					
AA-VCS-036	6/10/2010	2	North side of building	0.033	0.058					
AA-VCS-037	6/10/2010	2	North side of building	0.033	0.22					
AA-VCS-020	6/2/2010	0	Building foundation, pre-removal, South side east joint	1.58	**42.6 J**	AA-VCC-107	6/22/2010	2	0.033	0.093
						AA-VCC-108	6/23/2010	2	0.036	0.22
AA-VCS-038	6/10/2010	0	Building foundation, pre-removal, North side, eastern most joint	0.033	0.324	AA-VCC-273	8/11/2010	2	0.033	0.144
AA-VCC-111	6/24/2010	0	Building foundation, pre-removal, North side, western portion	0.33	**5.43**	AA-VCC-274	8/11/2010	2	0.033	<0.033
AA-VCC-194	7/26/2010	0	Building foundation, pre-removal, Central courtyard, northern half	0.069	**1.49**	AA-VCC-336	8/19/2010	2	0.043	<0.043 J/UJ
AA-VCC-195	7/26/2010	0	Bulding foundation, pre-removal, Central courtyard, southern half	0.17	**2.98 J**	AA-VCC-337	8/19/2010	2	0.17	**2.39 J**
						AA-VCC-358 [1]	8/26/2010	4	0.033	<0.033
AA-VCC-351	8/23/2010	2	Building foundation, Western courtyard	0.033	0.608 J					

Notes:
1. Verification sample AA-VCC-358 collected following additional foundation removal due to results from sample AA-VCC-337 as shown above.
Total PCB concentrations reported as Aroclor 1254 except where noted in parenthesis (Aroclor 1254/Aroclor 1260)
All results in milligrams per kilogram (mg/kg).
J/UJ = Analytical results qualified as estimated based on data validation (see Appendix D).
Results in bold and shaded exceed applicable cleanup criteria.

Table 2-4
Summary of Brick Wall Verification Sample Results

Amistad Academy
New Haven, Connecticut

Sample ID	Sample Date	Distance from Joint (Inches)	Sample Location	Reporting Limit (mg/kg)	Total PCBs (mg/kg)	Additional Sample ID	Sample Date	Distance from Joint (Inches)	Sample Location	Reporting Limit (mg/kg)	Total PCBs (mg/kg)
AA-VBS-041	6/10/2010	6	East side, outside face of brick	0.036	0.184						
AA-VBS-042	6/10/2010	4 [1]	East side, rear of adjacent brick	0.04	0.596 J						
AA-VBS-059	6/15/2010	6	West side, outside face of brick	0.033	0.047 J						
AA-VBS-060	6/15/2010	4 [1]	West side, rear of adjacent brick	0.069	<0.069						
AA-VBS-061	6/17/2010	6	South side, outside face of brick	0.033	<0.033						
AA-VBS-062	6/17/2010	4 [1]	South side, rear of adjacent brick	0.033	<0.033 UJ						
AA-VBS-065	6/17/2010	6	South side, outside face of brick	0.033	0.3						
AA-VBS-066	6/17/2010	4 [1]	South side, rear of adjacent brick	0.033	0.506						
AA-VBS-067	6/17/2010	2	South side, outside face of brick	0.069	**1.26**	AA-VBS-115	6/25/2010	8	outside face, 4th course	0.033	<0.033 UJ
AA-VBS-068	6/17/2010	4 [1]	South side, rear of adjacent brick	0.033	<0.033	AA-VBS-116	6/25/2010	8	rear of brick 4th course	0.033	<0.033 UJ
AA-VBS-117	6/25/2010	6	North side, face of brick	0.033	<0.033 UJ						
AA-VBS-118	6/25/2010	4 [1]	North side, rear of brick	0.033	<0.033 UJ						
AA-VBS-123	6/28/2010	2	Southern ext. door, right side brick	0.033	<0.033						
AA-VBS-124	6/28/2010	4 [1]	East side door, rear of brick	0.033	<0.033						
AA-VBS-125	6/28/2010	2	East side door, face of brick	0.033	<0.033						
AA-VBS-126	6/28/2010	4 [1]	East side, rear of brick	0.033	<0.033						
AA-VBS-140	6/30/2010	2	Eastside Courtyard, exterior door (face)	0.033	<0.033						
AA-VBS-141	6/30/2010	4 [1]	Eastside Courtyard exterior door (rear)	0.033	<0.033						
AA-VBS-144	7/6/2010	6	North west corner, face of brick	0.033	<0.033						
AA-VBS-145	7/6/2010	4 [1]	Northwest corner, rear of brick	0.033	<0.033						
AA-VBS-146	7/6/2010	6	West side, face of brick	0.033	<0.033						
AA-VBS-147	7/6/2010	4 [1]	West side, rear of brick	0.033	<0.033						
AA-VBS-165	7/20/2010	6	Eastside Courtyard, face of brick	0.033	<0.033						
AA-VBS-166	7/20/2010	4 [1]	Eastside Courtyard, rear of brick	0.033	<0.033						
AA-VBS-167	7/20/2010	6	Eastside Courtyard, face of brick	0.033	<0.033						
AA-VBS-168	7/20/2010	4 [1]	Eastside Courtyard, rear of brick	0.033	<0.033						
AA-VBS-196	7/26/2010	2	East side, exterior vent face of brick	0.033	0.426						
AA-VBS-197	7/26/2010	4 [1]	East side, exterior vent, rear of brick	0.033	0.138 J						

Notes:
1. Brick samples collected from rear of removed brick. Distance based on standard brick width of 4 inches.
J/UJ = Analytical results qualified as estimated based on data validation (see Appendix D).
N/A: Not Applicable
Total PCB concentrations reported in milligrams per kilogram (mg/kg) as Aroclor 1254, no other Aroclors reported by analytical laboratory.
Results in bold and shaded exceed applicable cleanup criteria.

Table 2-5
Summary of Steel Column Verification Wipe Sample Results

Amistad Academy
New Haven, Connecticut

Sample ID	Sample Date	Sample Location	Reporting Limit ($\mu g/100cm^2$)	Total PCBs ($\mu g/100cm^2$)
AA-VWP-058	6/15/2010	South side, second column from east	0.5	<0.5
AA-VWP-110	6/24/2010	South side, second column from west	0.5	<0.5
AA-VWP-112	6/24/2010	South side, center column	0.5	<0.5
AA-VWP-276	8/11/2010	North side, eastern most column	0.5	<0.5
AA-VWP-277	8/11/2010	North side, center column	0.5	<0.5
AA-VWP-278	8/11/2010	North side, western most column	0.5	<0.5
AA-VWP-268	8/10/2010	Central courtyard, east side southern column	0.5	<0.5
AA-VWP-269	8/10/2010	Central courtyard, south side second column from east	0.5	<0.5
AA-VWP-270	8/10/2010	Central courtyard, west side southern column	0.5	<0.5
AA-VWP-271	8/10/2010	Central courtyard, north side western most column	0.5	<0.5
AA-VWP-272	8/10/2010	Central courtyard, north side eastern most column	0.5	<0.5
AA-VWP-275	8/11/2010	Western courtyard, southern most column	0.5	<0.5
AA-VWP-276	8/11/2010	Northern brick columns	0.5	<0.5
AA-VWP-277	8/11/2010	Northern brick columns	0.5	<0.5
AA-VWP-278	8/11/2010	Northern brick columns	0.5	<0.5

Notes:
Wipe samples collected from structural steel supports following complete removal of outer materials.
Total PCB concentrations reported as Aroclor 1254, no other Aroclors reported by analytical laboratory.
All results in micrograms per 100 square centimeters (µg/100cm2).

Table 2-6
Summary of Main Doorway Area Verification Sample Results

Amistad Academy
New Haven, Connecticut

Sample ID	Sample Date	Distance from Joint (Inches)	Sample Location	Reporting Limit	Total PCBs (mg/kg)
AA-VBS-065	6/17/2010	2	Southeast doorway, face of brick	0.033	0.3
AA-VBS-066	6/17/2010	4 [1]	Southeast doorway, rear of brick	0.033	0.506
AA-VBS-113	6/24/2010	2	Southwest doorway, face of brick	0.033	<0.033
AA-VBS-114	6/24/2010	4 [1]	Southwest doorway, rear of brick	0.033	<0.033
AA-VBS-281	8/11/2010	2	Northwest doorway, face of brick	0.033	<0.033
AA-VBS-282	8/11/2010	4 [1]	Northwest doorway, rear of brick	0.033	<0.033
AA-VBS-347	8/20/2010	2	Northeast doorway, face of brick	0.033	<0.033
AA-VBS-348	8/20/2010	4 [1]	Northeast doorway, rear of brick	0.033	<0.033
AA-VSS-074	6/21/2010	0-3	SW Main doorway - soil	0.033	<0.033
AA-VSS-075	6/21/2010	0-3	SW Main doorway - soil	0.033	<0.033
AA-VSS-076	6/21/2010	0-3	SW Main doorway - soil	0.033	0.462
AA-VSS-119	6/28/2010	0-3	SE Main doorway - soil	0.033	<0.033
AA-VSS-121	6/28/2010	0-3	SE Main doorway - soil	0.033	<0.033
AA-VSS-122	6/28/2010	0-3	SE Main doorway - soil	0.033	<0.033
AA-VSS-210	7/27/2010	0-3	NW Main doorway - soil	0.046	<0.046
AA-VSS-211	7/27/2010	0-3	NW Main doorway - soil	0.036	<0.036
AA-VSS-212	7/27/2010	0-3	NW Main doorway - soil	0.040	<0.040
AA-VSS-338	8/19/2010	0-3	NE Main Doorway - soil	0.033	<0.033 J/UJ
AA-VSS-341	8/19/2010	0-3	NE Main Doorway - soil	0.033	<0.033 J/UJ
AA-VSS-342	8/19/2010	0-3	NE Main Doorway - soil	0.033	<0.033 J/UJ
AA-VWP-154	7/15/2010	NA	Northwest door frame - wipe	0.5 [2]	<0.5 [2]

Notes:
1. Brick samples collected from rear of removed brick. Distance based on standard brick width of 4 inches.
2. Analytical reporting limit and results in µg/100 cm2.
J/UJ = Analytical results qualified as estimated based on data validation (see Appendix D).
Total PCB concentrations reported as Aroclor 1254, no other Aroclors reported by analytical laboratory.
Analytical results in milligrams per kilogram (mg/kg).

Table 2-7
Summary of Courtyard Overhang Brick Wall Verification Sample Results

Amistad Academy
New Haven, Connecticut

Sample ID	Sample Date	Distance from Joint (Inches)	Sample Location	Reporting Limit (mg/kg)	Total PCBs (mg/kg)
AA-VBS-294	8/16/2010	2	Central Courtyard, face of brick	0.033	0.087
AA-VBS-295	8/16/2010	4 [1]	Central Courtyard, rear of brick	0.033	<0.033
AA-VBS-324	8/18/2010	2	Central Courtyard, face of brick	0.033	<0.033
AA-VBS-325	8/18/2010	4 [1]	Central Courtyard, rear of brick	0.033	<0.033
AA-VBS-334	8/18/2010	2	Central Courtyard, face of brick	0.033	<0.033
AA-VBS-335	8/18/2010	4 [1]	Central Courtyard, rear of brick	0.033	0.036 J
AA-VBS-349	8/23/2010	2	Western Courtyard, face of brick	0.033	0.158
AA-VBS-350	8/23/2010	4 [1]	Western Courtyard, rear of brick	0.033	0.793
AA-VBS-352	8/23/2010	2	Western Courtyard, face of brick	0.036	0.093
AA-VBS-353	8/23/2010	4 [1]	Western Courtyard, rear of brick	0.033	0.037

Notes:
1. Brick samples collected from rear of removed brick. Distance based on standard brick width of 4 inches.
J = Analytical results qualified as estimated based on data validation (see Appendix D).
N/A: Not Applicable
Total PCB concentrations reported in milligrams per kilogram (mg/kg) as Aroclor 1254, no other Aroclors reported by analytical laboratory.

Table 2-8
Summary of Metal Wipe Verification Sample Results
(Windows, Doors, and Playground Equipment)

Amistad Academy
New Haven, Connecticut

Sample ID	Sample Date	Sample Location	Reporting Limit ($\mu g/100cm^2$)	Total PCBs ($\mu g/100cm^2$)
AA-VWP-043	6/10/2010	East courtyard, south side window frame	0.5	<0.5
AA-VWP-044	6/10/2010	East courtyard, north side window frame	0.5	<0.5
AA-VWP-045	6/14/2010	Central courtyard, west side window frame	0.5	0.7 J
AA-VWP-046	6/14/2010	Central courtyard, east side window frame	0.5	<0.5
AA-VWP-047	6/14/2010	Central courtyard, north side window frame	0.5	<0.5
AA-VWP-048	6/14/2010	Central courtyard, north side window frame	0.5	<0.5
AA-VWP-049	6/14/2010	Central courtyard, north side window frame	0.5	<0.5
AA-VWP-050	6/14/2010	Central courtyard, south side window frame	0.5	<0.5
AA-VWP-051	6/14/2010	Central courtyard, south side window frame	0.5	1.8
AA-VWP-052	6/14/2010	Central courtyard, west side window frame	10	**71**
AA-VWP-053	6/14/2010	Central courtyard, east side window frame	0.5	1.1
AA-VWP-054	6/14/2010	Western courtyard, south side window frame	0.5	<0.5
AA-VWP-055	6/14/2010	Western courtyard, east side window frame	0.5	0.7 J
AA-VWP-056	6/14/2010	Western courtyard, east side window frame	0.5	<0.5
AA-VWP-057	6/14/2010	Western courtyard, north side window frame	0.5	<0.5
AA-VWP-128	6/29/2010	Southwest corner door	0.5	<0.5
AA-VWP-129	6/29/2010	East Side, southern door	0.5	1.3
AA-VWP-130	6/29/2010	East Side, door under coping	0.5	<0.5
AA-VWP-155	7/15/2010	Western courtyard, playground equipment	0.5	<0.5
AA-VWP-158	7/19/2010	Metal wipe, East side, southern top lentil	0.5	<0.5
AA-VWP-161	7/19/2010	Metal wipe, east side coping door Lentil	0.5	<0.5
AA-VWP-163	7/19/2010	Western courtyard, playground equipment	0.5	<0.5

Notes:
Total PCB concentrations reported as Aroclor 1254, no other Aroclors reported by analytical laboratory.
Analytical reporting limit and results in micrograms per 100 square centimeters (µg/100 cm2).
J = Analytical results qualified as estimated based on data validation (see Appendix D).
Results in bold and shaded exceed applicable cleanup criteria.

Table 2-9
Summary of Verification Soil Sample Results
(Soil Excavation Areas)

Amistad Academy
New Haven, Connecticut

Initial Sample ID	Sample Date	Sample Depth (inches)	Sample Location	Reporting Limit	Total PCBs (mg/kg)	Additional Sample ID	Sample Date	Sample Depth (inches)	Reporting Limit	Total PCBs (mg/kg)
AA-VSS-070	6/21/2010	12-15	South side of building	0.033	<0.033					
AA-VSS-071	6/21/2010	12-15	South side of building	0.036	<0.036					
AA-VSS-072	6/21/2010	12-15	South side of building	0.033	<0.033					
AA-VSS-073	6/21/2010	12-15	South side of building	0.033	0.115					
AA-VSS-077	6/21/2010	12-15	South side of building	0.033	0.618					
AA-VSS-078	6/21/2010	12-15	South side of building	0.033	<0.033					
AA-VSS-079	6/21/2010	12-15	South side of building	0.033	<0.033					
AA-VSS-082	6/21/2010	12-15	South side of building	0.033	<0.033					
AA-VSS-083	6/21/2010	12-15	South side of building	0.033	<0.033					
AA-VSS-084	6/21/2010	12-15	South side of building	0.033	0.185					
AA-VSS-085	6/21/2010	12-15	South side of building	0.033	<0.033					
AA-VSS-086	6/21/2010	12-15	South side of building	0.036	<0.036					
AA-VSS-087	6/21/2010	12-15	South side of building	0.033	<0.033					
AA-VSS-088	6/21/2010	18-21	South side of building	0.033	<0.033					
AA-VSS-089	6/21/2010	18-21	South side of building	0.036	<0.036					
AA-VSS-090	6/21/2010	18-21	South side of building	0.036	<0.036					
AA-VSS-091	6/21/2010	18-21	South side of building	0.033	<0.033					
AA-VSS-092	6/21/2010	12-15	South side of building	0.033	0.056					
AA-VSS-093	6/21/2010	12-15	South side of building	0.036	<0.036					
AA-VSS-094	6/21/2010	12-15	West side of building	0.036	0.236					
AA-VSS-095	6/21/2010	12-15	South side of building	0.036	<0.036					
AA-VSS-096	6/21/2010	12-15	West side of building	0.033	<0.033					
AA-VSS-098	6/22/2010	12-15	South side of building	0.036	<0.036					
AA-VSS-099	6/22/2010	12-15	South side of building	0.033	<0.033					
AA-VSS-169	7/21/2010	12-15	East Courtyard	0.033	<0.033					
AA-VSS-170	7/21/2010	12-15	East Courtyard	0.036	<0.036					
AA-VSS-171	7/21/2010	12-15	East Courtyard	0.033	<0.033					
AA-VSS-172	7/21/2010	12-15	East Courtyard	0.033	<0.033					
AA-VSS-173	7/21/2010	12-15	East Courtyard	0.033	<0.033					
AA-VSS-174	7/21/2010	12-15	East Courtyard	0.033	<0.033					
AA-VSS-175	7/21/2010	12-15	East Courtyard	0.033	<0.033					
AA-VSS-176	7/21/2010	12-15	East Courtyard	0.033	<0.033					
AA-VSS-201	7/26/2010	12-15	East	0.033	<0.033					
AA-VSS-202	7/26/2010	12-15	East	0.033	<0.033					
AA-VSS-203	7/26/2010	12-15	East	0.033	<0.033					
AA-VSS-204	7/26/2010	12-15	East	0.033	<0.033					
AA-VSS-205	7/26/2010	12-15	East	0.033	0.049 J					
AA-VSS-206	7/26/2010	12-15	East	0.033	0.052					
AA-VSS-207	7/26/2010	12-15	East	0.043	<0.043					

Table 2-9
Summary of Verification Soil Sample Results
(Soil Excavation Areas)

Amistad Academy
New Haven, Connecticut

Initial Sample ID	Sample Date	Sample Depth (inches)	Sample Location	Reporting Limit	Total PCBs (mg/kg)	Additional Sample ID	Sample Date	Sample Depth (inches)	Reporting Limit	Total PCBs (mg/kg)
AA-VSS-208	7/26/2010	12-15	East	0.033	<0.033					
AA-VSS-209	7/26/2010	12-15	East	0.033	0.075					
AA-VSS-213	7/27/2010	12-15	North	0.036	<0.036					
AA-VSS-214	7/27/2010	12-15	North	0.036	<0.036					
AA-VSS-215	7/27/2010	12-15	North	0.036	<0.036					
AA-VSS-216	7/27/2010	12-15	North	0.033	<0.033					
AA-VSS-217	7/27/2010	12-15	North	0.033	<0.033					
AA-VSS-218	7/28/2010	12-15	North	0.036	<0.036					
AA-VSS-221	7/28/2010	12-15	North	0.033	0.153					
AA-VSS-222	7/28/2010	12-15	North	0.036	0.164 J					
AA-VSS-223	7/28/2010	12-15	North	0.033	0.235					
AA-VSS-224	7/28/2010	12-15	North	0.036	0.283					
AA-VSS-225	7/28/2010	12-15	North	0.033	0.065					
AA-VSS-226	7/28/2010	12-15	North	0.036	0.712					
AA-VSS-227	7/28/2010	12-15	North	0.033	0.542 J					
AA-VSS-228	7/28/2010	12-15	North	0.036	0.267 J					
AA-VSS-232	7/29/2010	12-15	North	0.036	0.415					
AA-VSS-233	7/29/2010	12-15	North	0.036	0.095					
AA-VSS-234	7/29/2010	12-15	North	0.033	0.072					
AA-VSS-235	7/29/2010	12-15	North	0.033	0.2					
AA-VSS-236	7/29/2010	12-15	North	0.033	0.272					
AA-VSS-237	7/29/2010	12-15	North	0.033	0.166 J					
AA-VSS-238	7/29/2010	12-15	North	0.033	0.429					
AA-VSS-241	7/29/2010	18-21	North	0.033	<0.033					
AA-VSS-242	7/29/2010	18-21	North	0.033	<0.033					
AA-VSS-243	7/29/2010	18-21	North	0.036	0.402 J					
AA-VSS-244	7/29/2010	12-15	North	0.036	0.641 J					
AA-VSS-245	7/29/2010	12-15	North	0.036	**1.89 J**	AA-VSS-265	8/9/2010	24-27	0.036	<0.036
AA-VSS-246	7/29/2010	12-15	North	0.033	<0.033	AA-VSS-266	8/9/2010	24-27	0.033	<0.033
AA-VSS-247	8/3/2010	12-15	Central Courtyard	0.036	0.436					
AA-VSS-248	8/3/2010	12-15	Central Courtyard	0.033	<0.033					
AA-VSS-249	8/3/2010	12-15	Central Courtyard	0.033	<0.033					
AA-VSS-250	8/3/2010	12-15	Central Courtyard	0.033	<0.033					
AA-VSS-251	8/3/2010	12-15	Central Courtyard	0.033	0.126					
AA-VSS-252	8/3/2010	12-15	Central Courtyard	0.033	0.107					
AA-VSS-253	8/3/2010	12-15	Central Courtyard	0.033	<0.033					
AA-VSS-254	8/3/2010	12-15	Central Courtyard	0.033	0.093					
AA-VSS-255	8/3/2010	12-15	Central Courtyard	0.033	<0.033					
AA-VSS-256	8/3/2010	12-15	Central Courtyard	0.033	<0.033					

Table 2-9
Summary of Verification Soil Sample Results
(Soil Excavation Areas)

Amistad Academy
New Haven, Connecticut

Initial Sample ID	Sample Date	Sample Depth (inches)	Sample Location	Reporting Limit	Total PCBs (mg/kg)	Additional Sample ID	Sample Date	Sample Depth (inches)	Reporting Limit	Total PCBs (mg/kg)
AA-VSS-257	8/3/2010	12-15	Central Courtyard	0.033	0.094					
AA-VSS-258	8/4/2010	12-15	Central Courtyard	0.033	0.708 J					
AA-VSS-261	8/4/2010	12-15	Central Courtyard	0.033	<0.033 J/UJ					
AA-VSS-262	8/4/2010	12-15	Central Courtyard	0.033	<0.033 J/UJ					
AA-VSS-263	8/4/2010	12-15	Central Courtyard	0.036	<0.036 J/UJ					
AA-VSS-264	8/4/2010	12-15	Central Courtyard	0.033	<0.033 J/UJ					
AA-VSS-326	8/18/2010	12-15	Central Courtyard	0.033	<0.033					
AA-VSS-327	8/18/2010	12-15	Central Courtyard	0.033	<0.033					
AA-VSS-328	8/18/2010	12-15	Central Courtyard	0.033	<0.033					
AA-VSS-329	8/18/2010	12-15	Central Courtyard	0.033	<0.033					
AA-VSS-330	8/18/2010	12-15	Central Courtyard	0.033	<0.033					
AA-VSS-331	8/18/2010	12-15	Central Courtyard	0.033	0.065					
AA-VSS-332	8/18/2010	12-15	Central Courtyard	0.033	<0.033					
AA-VSS-333	8/18/2010	12-15	Central Courtyard	0.033	<0.033					
AA-VSS-343	8/20/2010	12-15	North	0.036	0.301					
AA-VSS-344	8/20/2010	12-15	North	0.033	<0.033					
AA-VSS-345	8/20/2010	12-15	North	0.033	<0.033					
AA-VSS-346	8/20/2010	12-15	North	0.033	<0.033					

Notes:
Total PCB concentrations reported in milligrams per kilogram (mg/kg) as Aroclor 1254, no other Aroclors reported by analytical laboratory.
All results in milligrams per kilogram (mg/kg).
J/UJ = Analytical results qualified as estimated based on data validation (see Appendix D).
Results in bold and shaded exceed applicable cleanup criteria.

Table 2-10
Summary of Verification Soil Sample Results
(Beneath Asphalt, Concrete, or Matting Removal Areas)

Amistad Academy
New Haven, Connecticut

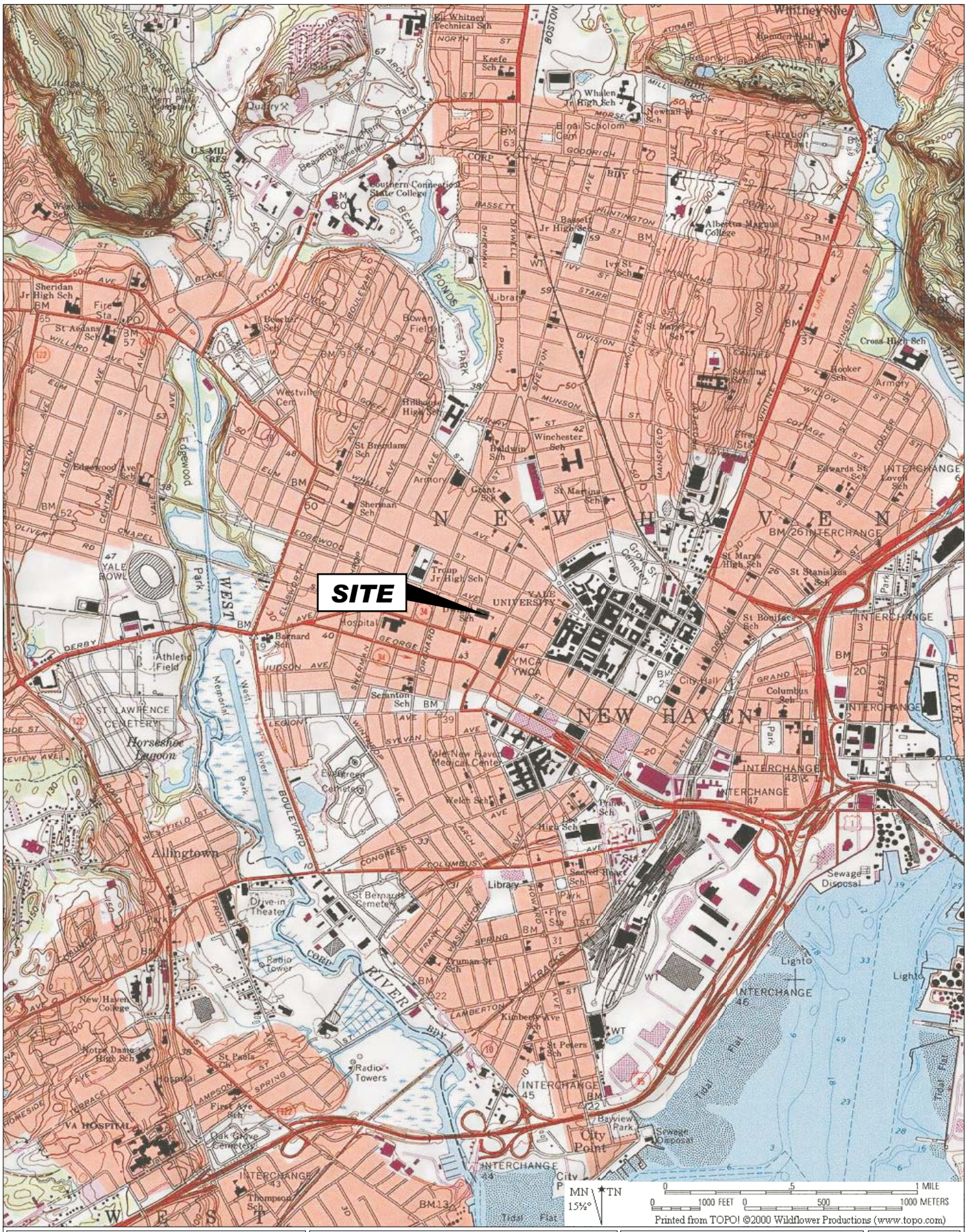
Initial Sample ID	Sample Date	Sample Depth (inches)	Sample Location	Reporting Limit	Total PCBs (mg/kg)	Additional Sample ID	Sample Date	Sample Depth (inches)	Reporting Limit	Total PCBs (mg/kg)
AA-VCC-177	7/21/2010	0-0.5	Eastern Courtyard, Lateral Extent of Removal	0.033	<0.033					
AA-VCC-179	7/21/2010	0-0.5	Eastern Courtyard, Lateral Extent of Removal	0.033	0.077					
AA-VSS-102	6/22/2010	0-3	South side, Asphalt Removal	0.033	0.057					
AA-VSS-103	6/22/2010	0-3	South side, Asphalt Removal	0.033	0.997	AA-VSS-131	6/29/2010	12-15	0.033	**0.044 J**
AA-VSS-104	6/22/2010	0-3	South side, Asphalt Removal	0.33	**3.76**	AA-VSS-132	6/29/2010	12-15	0.033	**0.044**
AA-VSS-105	6/22/2010	0-3	South side, Asphalt Removal	0.033	<0.033	AA-VSS-133	6/29/2010	12-15	0.033	<0.033
AA-VSS-106	6/22/2010	0-3	South side, Asphalt Removal	0.033	<0.033	AA-VSS-134	6/29/2010	12-15	0.033	<0.033
AA-VSS-109	6/23/2010	0-3	South side, Asphalt Removal	0.036	<0.036					
AA-VSS-178	7/21/2010	0-3	Eastern Courtyard, Concrete Removal	0.036	<0.036					
AA-VSS-180	7/21/2010	0-3	Eastern Courtyard, Concrete Removal	0.033	<0.033					
AA-VSS-182	7/26/2010	0-3	Western Courtyard, Rubberized Matting Removal	0.036	<0.036					
AA-VSS-183	7/26/2010	0-3	Western Courtyard, Rubberized Matting Removal	0.036	0.136			0.358		
AA-VSS-184	7/26/2010	0-3	Western Courtyard, Rubberized Matting Removal	0.036	0.274					
AA-VSS-185	7/26/2010	0-3	Western Courtyard, Rubberized Matting Removal	0.033	<0.033					
AA-VSS-186	7/26/2010	0-3	Western Courtyard, Rubberized Matting Removal	0.033	<0.033					
AA-VSS-187	7/26/2010	0-3	Western Courtyard, Rubberized Matting Removal	0.036	0.179					
AA-VSS-188	7/26/2010	0-3	Western Courtyard, Rubberized Matting Removal	0.036	0.251					
AA-VSS-189	7/26/2010	0-3	Western Courtyard, Rubberized Matting Removal	0.033	<0.033					
AA-VSS-190	7/26/2010	0-3	Western Courtyard, Rubberized Matting Removal	0.033	<0.033					
AA-VSS-191	7/26/2010	0-3	Western Courtyard, Rubberized Matting Removal	0.033	<0.033					
AA-VSS-192	7/26/2010	0-3	Western Courtyard, Rubberized Matting Removal	0.033	<0.033					
AA-VSS-193	7/26/2010	0-3	Western Courtyard, Rubberized Matting Removal	0.033	<0.033					
AA-VSS-198	7/26/2010	0-3	East side, Asphalt Removal	0.033	0.615 J [1]	AA-VSS-267	8/9/2010	12-15	0.033	<0.033
AA-VSS-229	7/29/2010	0-3	East side, Asphalt Removal	0.033	<0.033					
AA-VSS-230	7/29/2010	0-3	East side, Asphalt Removal	0.033	0.061 J					
AA-VSS-231	7/29/2010	0-3	East side, Asphalt Removal	0.033	0.091					
AA-VSS-282	8/13/2010	0-3	Central Courtyard, Concrete Removal	0.033	<0.033					
AA-VSS-283	8/13/2010	0-3	Central Courtyard, Concrete Removal	0.033	<0.033					
AA-VSS-284	8/13/2010	0-3	Central Courtyard, Concrete Removal	0.033	<0.033					
AA-VSS-285	8/13/2010	0-3	Central Courtyard, Concrete Removal	0.033	<0.033					
AA-VSS-286	8/13/2010	0-3	Central Courtyard, Concrete Removal	0.033	<0.033					
AA-VSS-287	8/13/2010	0-3	Central Courtyard, Concrete Removal	0.033	<0.033					
AA-VSS-288	8/13/2010	0-3	Central Courtyard, Concrete Removal	0.033	0.291					
AA-VSS-289	8/13/2010	0-3	Central Courtyard, Concrete Removal	0.033	<0.033					
AA-VSS-290	8/13/2010	0-3	Central Courtyard, Concrete Removal	0.033	<0.033					
AA-VSS-291	8/13/2010	0-3	Central Courtyard, Concrete Removal	0.033	0.204					
AA-VSS-292	8/13/2010	0-3	Central Courtyard, Concrete Removal	0.033	<0.033					
AA-VSS-293	8/13/2010	0-3	Central Courtyard, Concrete Removal	0.033	<0.033					
AA-VSS-296	8/16/2010	0-3	Central Courtyard, Concrete Removal	0.033	1.00					
AA-VSS-297	8/16/2010	0-3	Central Courtyard, Concrete Removal	0.17	**1.81**	AA-VSS-354	8/24/2010	12-15	0.036	0.174 J
AA-VSS-298	8/16/2010	0-3	Central Courtyard, Concrete Removal	0.033	0.047					
AA-VSS-301	8/16/2010	0-3	Central Courtyard, Concrete Removal	0.033	0.049					
AA-VSS-302	8/16/2010	0-3	Central Courtyard, Concrete Removal	0.033	0.116					
AA-VSS-303	8/16/2010	0-3	Central Courtyard, Concrete Removal	0.033	<0.033					

Table 2-10
Summary of Verification Soil Sample Results
(Beneath Asphalt, Concrete, or Matting Removal Areas)

Amistad Academy
New Haven, Connecticut

Initial Sample ID	Sample Date	Sample Depth (inches)	Sample Location	Reporting Limit	Total PCBs (mg/kg)	Additional Sample ID	Sample Date	Sample Depth (inches)	Reporting Limit	Total PCBs (mg/kg)
AA-VSS-304	8/16/2010	0-3	Central Courtyard, Concrete Removal	0.033	0.359					
AA-VSS-305	8/16/2010	0-3	Central Courtyard, Concrete Removal	0.033	0.071					
AA-VSS-306	8/16/2010	0-3	Central Courtyard, Concrete Removal	0.033	<0.033					
AA-VSS-307	8/16/2010	0-3	Central Courtyard, Concrete Removal	0.033	<0.033					
AA-VSS-308	8/16/2010	0-3	Central Courtyard, Concrete Removal	0.033	<0.033					
AA-VSS-309	8/16/2010	0-3	Central Courtyard, Concrete Removal	0.033	<0.033					
AA-VSS-310	8/17/2010	0-3	Western Courtyard, Concrete Removal	0.033	<0.033					
AA-VSS-311	8/17/2010	0-3	Western Courtyard, Concrete Removal	0.036	<0.036					
AA-VSS-312	8/17/2010	0-3	Western Courtyard, Concrete Removal	0.033	<0.033					
AA-VSS-313	8/17/2010	0-3	Western Courtyard, Concrete Removal	0.033	<0.033					
AA-VSS-314	8/17/2010	0-3	Western Courtyard, Concrete Removal	0.033	0.806					
AA-VSS-315	8/17/2010	0-3	Western Courtyard, Concrete Removal	0.17	**1.8**	AA-VSS-355	8/25/2010	12-15	0.033	0.579
AA-VSS-316	8/17/2010	0-3	Western Courtyard, Concrete Removal	0.36	**5.39**	AA-VSS-356	8/25/2010	12-15	0.033	0.624 J
AA-VSS-317	8/17/2010	0-3	Western Courtyard, Concrete Removal	0.33	**4.13**	AA-VSS-357	8/25/2010	12-15	0.033	0.359
AA-VSS-318	8/17/2010	0-3	Western Courtyard, Concrete Removal	0.036	0.764					
AA-VSS-321	8/17/2010	0-3	Western Courtyard, Concrete Removal	0.036	<0.036					
AA-VSS-322	8/17/2010	0-3	Western Courtyard, Concrete Removal	0.033	<0.033					
AA-VSS-323	8/17/2010	0-3	Western Courtyard, Concrete Removal	0.033	0.228					

Notes:
Total PCB concentrations reported in milligrams per kilogram (mg/kg) as Aroclor 1254, no other Aroclors reported by analytical laboratory.
All results in milligrams per kilogram (mg/kg).
1. Additional soil excavation conducted based on results of duplicate sample VSS-599 with a reported PCB concentration > 1 mg/kg.
J = Analytical results qualified as estimated based on data validation (see Appendix D).
Results in bold and shaded exceed applicable cleanup criteria.



WOODARD & CURRAN
35 New England Business Center
Andover, MA 01810
COMMITMENT & INTEGRITY DRIVE RESULTS

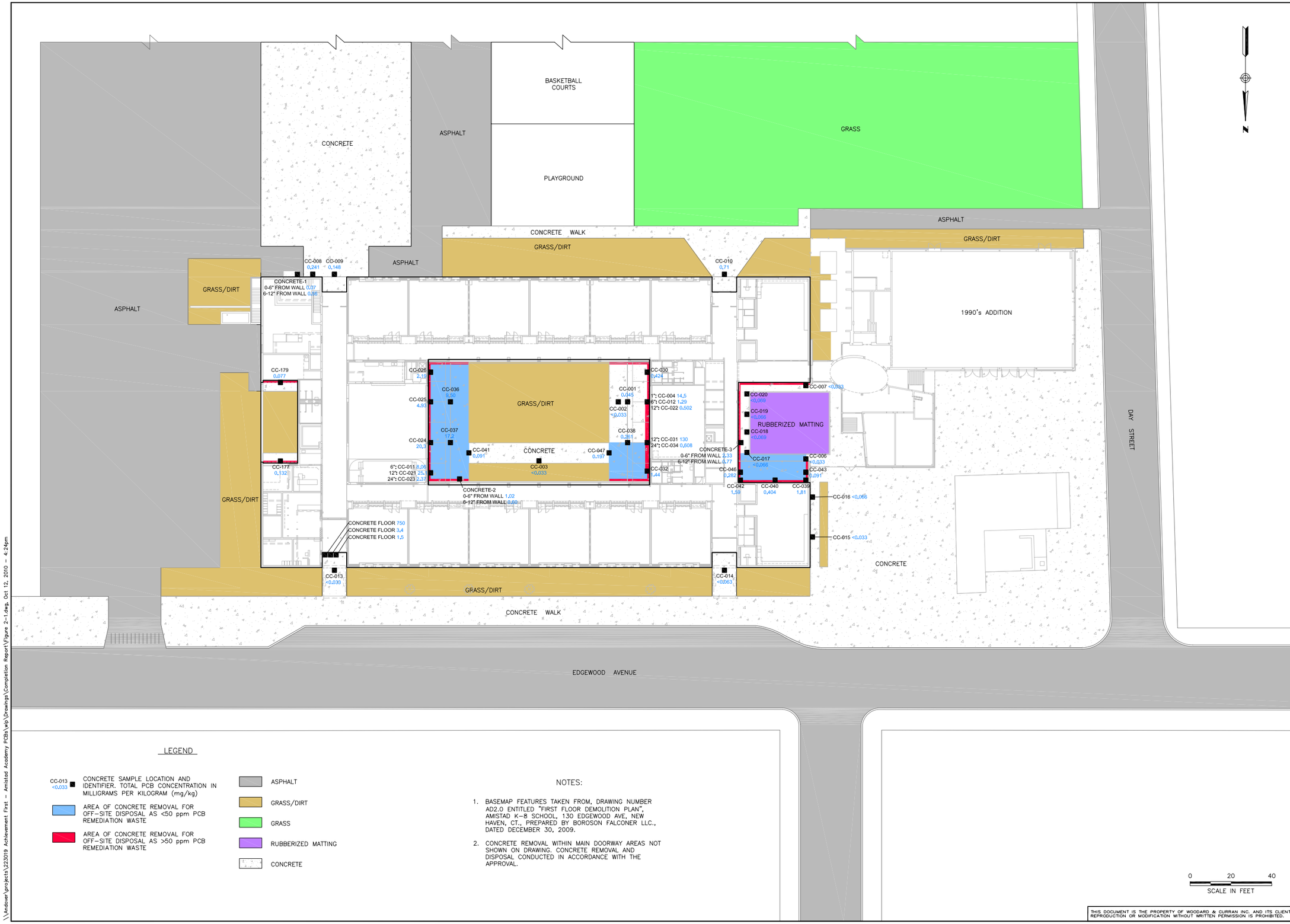
AMISTAD ACADEMY
130 EDGEWOOD AVENUE
NEW HAVEN, CONNECTICUT

SCALE: AS NOTED	JOB NO.: 223019
DATE: OCTOBER 2010	FILE: Site Locus 1-1.cnv

SITE LOCUS

DES.BY: EVR
DR.BY: EVR
CK.BY: GJF

1-1



LEGEND

CC-013 <0.033 ■ CONCRETE SAMPLE LOCATION AND IDENTIFIER. TOTAL PCB CONCENTRATION IN MILLIGRAMS PER KILOGRAM (mg/kg)

AREA OF CONCRETE REMOVAL FOR OFF-SITE DISPOSAL AS <50 ppm PCB REMEDIATION WASTE

AREA OF CONCRETE REMOVAL FOR OFF-SITE DISPOSAL AS >50 ppm PCB REMEDIATION WASTE

ASPHALT

GRASS/DIRT

GRASS

RUBBERIZED MATTING

CONCRETE

NOTES:

1. BASEMAP FEATURES TAKEN FROM, DRAWING NUMBER AD2.0 ENTITLED "FIRST FLOOR DEMOLITION PLAN", AMISTAD K-8 SCHOOL, 130 EDGEWOOD AVE, NEW HAVEN, CT., PREPARED BY BOROSON FALCONER LLC., DATED DECEMBER 30, 2009.
2. CONCRETE REMOVAL WITHIN MAIN DOORWAY AREAS NOT SHOWN ON DRAWING. CONCRETE REMOVAL AND DISPOSAL CONDUCTED IN ACCORDANCE WITH THE APPROVAL.

THIS DOCUMENT IS THE PROPERTY OF WOODARD & CURRAN INC. AND ITS CLIENT. REPRODUCTION OR MODIFICATION WITHOUT WRITTEN PERMISSION IS PROHIBITED.

35 NEW ENGLAND BUSINESS CENTER
ANDOVER, MASSACHUSETTS 01810
866.702.6371 | www.woodardcurran.com
COMMITMENT & INTEGRITY DRIVE RESULTS
WOODARD & CURRAN

REV	DESCRIPTION	DATE

DESIGNED BY: GJF
DRAWN BY: EVR
CHECKED BY: JAH
Figure 2-1.dwg

ADDITIONAL CONCRETE CHARACTERIZATION SAMPLE LOCATIONS AND CONCRETE REMOVAL LOCATIONS

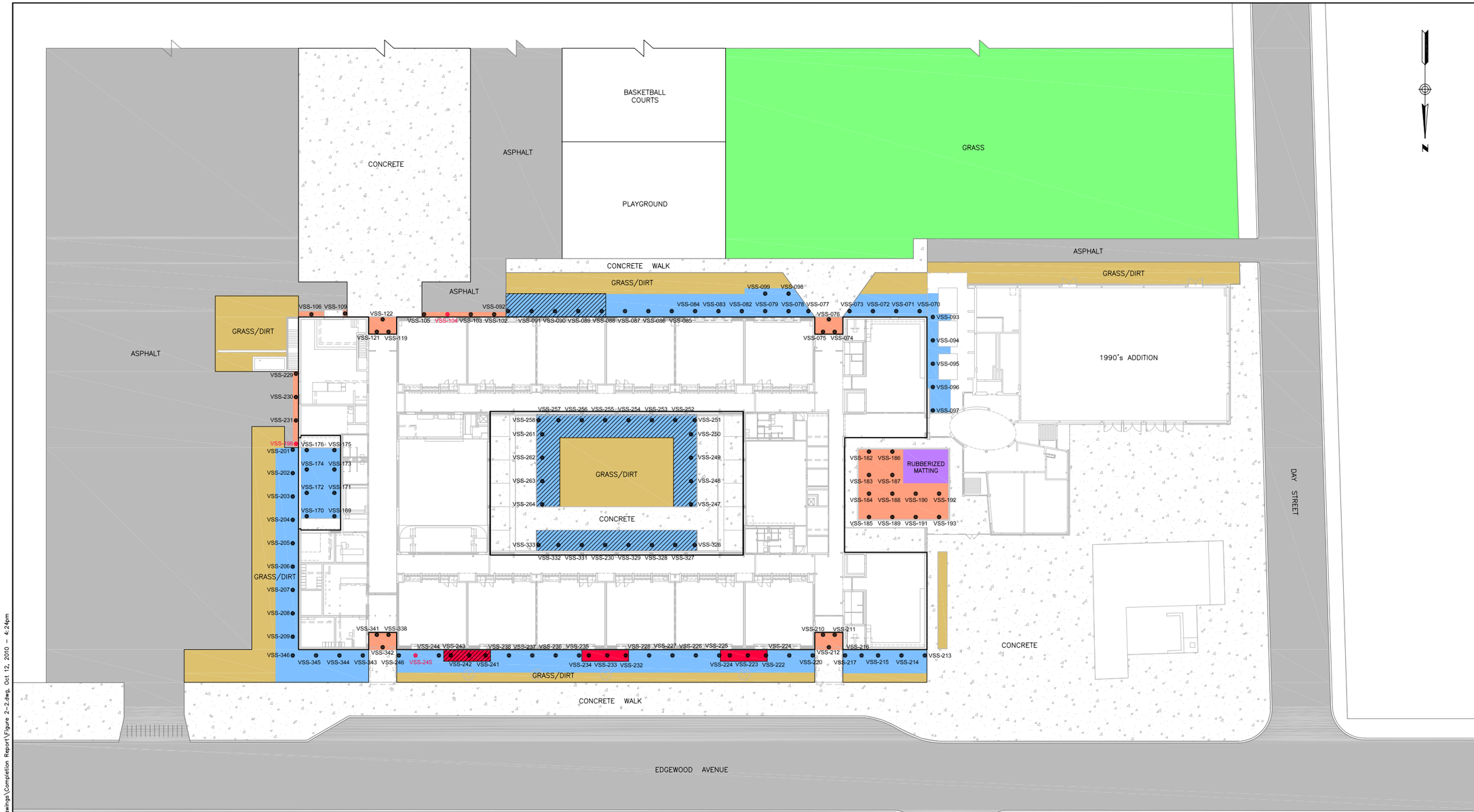
AMISTAD ACADEMY
NEW HAVEN, CONNECTICUT

PCB REMEDIATION COMPLETION REPORT

JOB NO.: 223019
DATE: OCTOBER 2010
SCALE: AS NOTED
SHEET: OF

FIGURE 2-1

\\Andover\projects\223019 Achievement First - Amistad Academy PCBs\wip\Drawings\Completion Report\Figure 2-1.dwg, Oct 12, 2010 - 4:24pm



LEGEND

VSS-208 ● SOIL VERIFICATION SAMPLE LOCATION AND IDENTIFIER. TOTAL PCB CONCENTRATION ≤1.0 MILLIGRAM PER KILOGRAM (mg/kg)

VSS-245 ● SOIL VERIFICATION SAMPLE LOCATION AND IDENTIFIER. TOTAL PCB CONCENTRATION >1.0 MILLIGRAM PER KILOGRAM (mg/kg)

ASPHALT

GRASS/DIRT

GRASS

RUBBERIZED MATTING

CONCRETE

AREA OF SOIL EXCAVATION CONTAINING SOILS FOR OFF-SITE DISPOSAL AS <50 ppm PCB REMEDIATION WASTE

AREA OF SOIL EXCAVATION CONTAINING SOILS FOR OFF-SITE DISPOSAL AS >50 ppm PCB REMEDIATION WASTE

AREA OF 18" REMOVAL DEPTH

AREA OF OTHER GROUND SURFACE COVERING REMOVAL:

AREA OF ASPHALT REMOVAL 0-12" (0-24" ALONG PORTIONS OF SOUTH SIDE OF BUILDING) FROM BUILDING FOUNDATION FOR OFF-SITE DISPOSAL AS <50 ppm PCB REMEDIATION WASTE

AREA OF RUBBERIZED MATTING REMOVAL FOR OFF-SITE DISPOSAL AS <50 ppm PCB REMEDIATION WASTE

AREA OF CONCRETE REMOVAL
- MAIN DOORWAY AREAS-CONCRETE WITHIN 2 INCHES OF JOINT DISPOSED AS >50 ppm; REMAINING PAD DISPOSED OF AS >1 ppm AND <50 ppm

NOTES:

1. BASEMAP FEATURES TAKEN FROM, DRAWING NUMBER AD2.0 ENTITLED "FIRST FLOOR DEMOLITION PLAN", AMISTAD K-8 SCHOOL, 130 EDGEWOOD AVE, NEW HAVEN, CT., PREPARED BY BOROSON FALCONER LLC., DATED DECEMBER 30, 2009.
2. SOIL EXCAVATION TO A DEPTH OF 1 FOOT BELOW GROUND SURFACE EXCEPT WHERE INDICATED.
3. VERIFICATION SOIL SAMPLES IN AREAS OF ASPHALT, CONCRETE, AND RUBBERIZED MATTING REMOVAL COLLECTED FROM 0-3 INCHES BELOW BOTTOM OF MATERIAL.

0 20 40
SCALE IN FEET

THIS DOCUMENT IS THE PROPERTY OF WOODARD & CURRAN INC. AND ITS CLIENT. REPRODUCTION OR MODIFICATION WITHOUT WRITTEN PERMISSION IS PROHIBITED.

35 NEW ENGLAND BUSINESS CENTER
ANDOVER, MASSACHUSETTS 01810
866.702.6371 | www.woodardcurran.com

COMMITMENT & INTEGRITY DRIVE RESULTS

WOODARD & CURRAN

REV	DESCRIPTION	DATE

DESIGNED BY: CHECKED BY: CJF
DRAWN BY: EVR Figure 2-2.dwg

VERIFICATION SOIL SAMPLE LOCATIONS (INITIAL EXCAVATION)

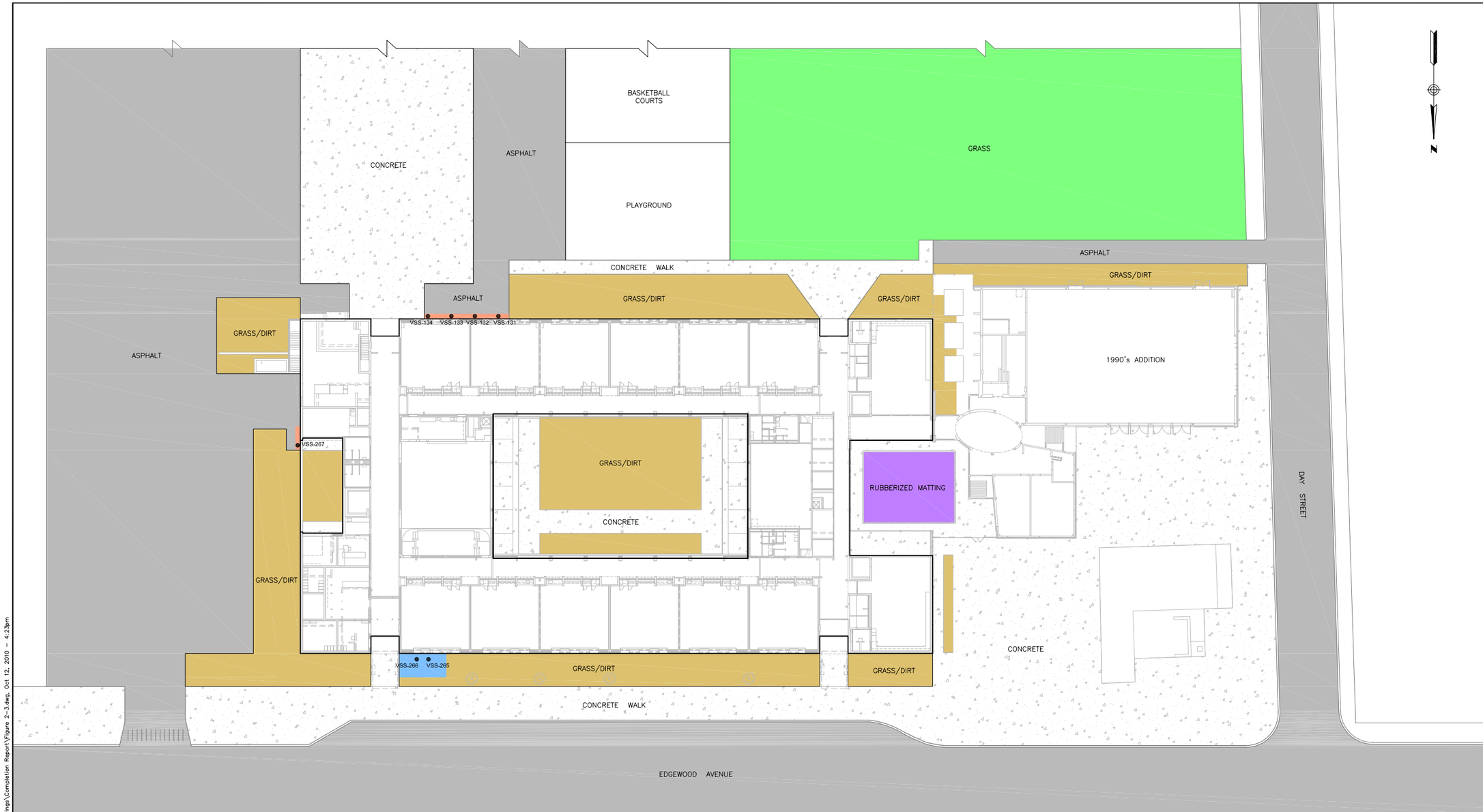
AMISTAD ACADEMY
NEW HAVEN, CONNECTICUT

PCB REMEDIATION COMPLETION REPORT

JOB NO.: 223019
DATE: OCTOBER 2010
SCALE: AS NOTED
SHEET: OF

FIGURE 2-2

\\Andover\projects\223019 Achievement First - Amistad Academy PCBs\wip\Drawings\Completion Report\Figure 2-2.dwg, Oct 12, 2010 - 4:24pm



LEGEND

VSS-208 ● SOIL VERIFICATION SAMPLE LOCATION AND IDENTIFIER. TOTAL PCB CONCENTRATION ≤1.0 MILLIGRAM PER KILOGRAM (mg/kg)

ASPHALT

GRASS/DIRT

GRASS

RUBBERIZED MATTING

CONCRETE

AREA OF SOIL EXCAVATION TO A DEPTH OF 2 FEET BELOW GROUND SURFACE CONTAINING SOILS FOR OFF-SITE DISPOSAL AS <50 ppm PCB REMEDIATION WASTE

AREA OF SOIL EXCAVATION TO A DEPTH OF 1 FOOT BELOW BOTTOM OF ASPHALT CONTAINING SOILS FOR OFF-SITE DISPOSAL AS <50 ppm PCB REMEDIATION WASTE

NOTES:

1. BASEMAP FEATURES TAKEN FROM, DRAWING NUMBER AD2.0 ENTITLED "FIRST FLOOR DEMOLITION PLAN", AMISTAD K-8 SCHOOL, 130 EDGEWOOD AVE, NEW HAVEN, CT., PREPARED BY BOROSON FALCONER LLC., DATED DECEMBER 30, 2009.

0 20 40
SCALE IN FEET

THIS DOCUMENT IS THE PROPERTY OF WOODARD & CURRAN INC. AND ITS CLIENT. REPRODUCTION OR MODIFICATION WITHOUT WRITTEN PERMISSION IS PROHIBITED.

35 NEW ENGLAND BUSINESS CENTER
ANDOVER, MASSACHUSETTS 01810
866.702.6371 | www.woodardcurran.com

COMMITMENT & INTEGRITY DRIVE RESULTS

WOODARD & CURRAN

REV	DESCRIPTION	DATE

DESIGNED BY:
DRAWN BY: EVR
CHECKED BY: CJF
Figure 2-3.dwg

VERIFICATION SOIL SAMPLE LOCATIONS (ADDITIONAL EXCAVATION AREAS)

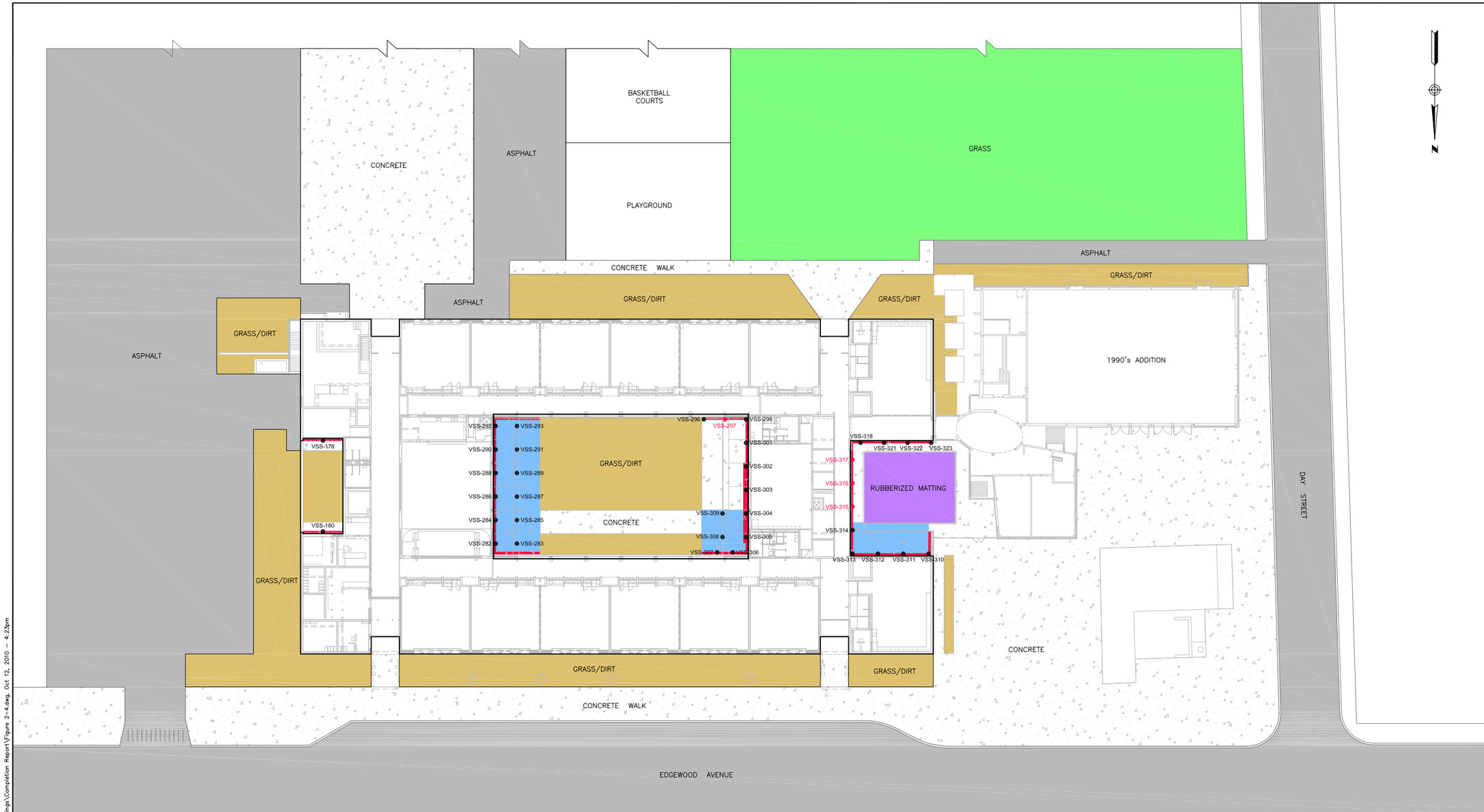
AMISTAD ACADEMY
NEW HAVEN, CONNECTICUT

PCB REMEDIATION COMPLETION REPORT

JOB NO.: 223019
DATE: OCTOBER 2010
SCALE: AS NOTED
SHEET: OF

FIGURE 2-3

\\Andover\projects\223019 Achievement First - Amistad Academy PCBs\wip\Drawings\Completion Report\Figure 2-3.dwg, Oct 12, 2010 - 4:23pm



LEGEND

- VSS-283 ● SOIL VERIFICATION SAMPLE LOCATION AND IDENTIFIER. TOTAL PCB CONCENTRATIONS ≤1.0 MILLIGRAM PER KILOGRAM (mg/kg)
- VSS-297 ● SOIL VERIFICATION SAMPLE LOCATION AND IDENTIFIER. TOTAL PCB CONCENTRATIONS >1.0 MILLIGRAM PER KILOGRAM (mg/kg)
- ASPHALT
- GRASS/DIRT
- GRASS
- RUBBERIZED MATTING
- CONCRETE
- AREA OF CONCRETE REMOVAL FOR OFF-SITE DISPOSAL AS <50 ppm PCB REMEDIATION WASTE
- AREA OF CONCRETE REMOVAL FOR OFF-SITE DISPOSAL AS >50 ppm PCB REMEDIATION WASTE

NOTES:

1. BASEMAP FEATURES TAKEN FROM, DRAWING NUMBER AD2.0 ENTITLED "FIRST FLOOR DEMOLITION PLAN", AMISTAD K-8 SCHOOL, 130 EDGEWOOD AVE, NEW HAVEN, CT., PREPARED BY BOROSON FALCONER LLC., DATED DECEMBER 30, 2009.
2. VERIFICATION SOIL SAMPLES COLLECTED FROM 0-3 INCHES BELOW BOTTOM OF CONCRETE.

0 20 40
SCALE IN FEET

THIS DOCUMENT IS THE PROPERTY OF WOODARD & CURRAN INC. AND ITS CLIENT. REPRODUCTION OR MODIFICATION WITHOUT WRITTEN PERMISSION IS PROHIBITED.

35 NEW ENGLAND BUSINESS CENTER
ANDOVER, MASSACHUSETTS 01810
866.702.6371 | www.woodardcurran.com
COMMITMENT & INTEGRITY DRIVE RESULTS
WOODARD & CURRAN

REV	DESCRIPTION	DATE

DESIGNED BY: CHECKED BY: CJF
DRAWN BY: EVR Figure 2-4.dwg

VERIFICATION SOIL SAMPLE LOCATIONS (CONCRETE WALKWAY REMOVAL AREAS)

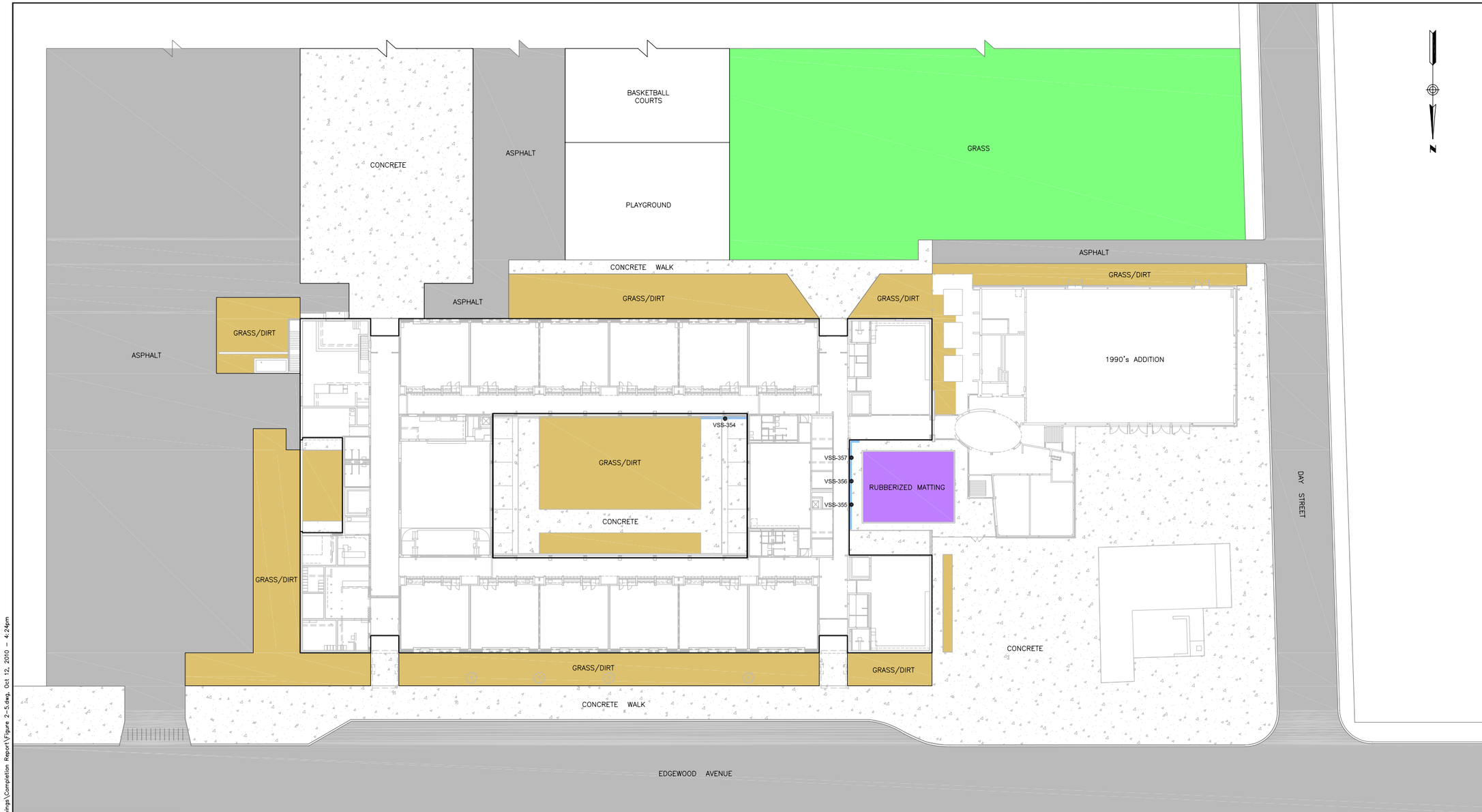
AMISTAD ACADEMY
NEW HAVEN, CONNECTICUT

PCB REMEDIATION COMPLETION REPORT

JOB NO.: 223019
DATE: OCTOBER 2010
SCALE: AS NOTED
SHEET: OF

FIGURE 2-4

\\Andover\projects\223019 Achievement First - Amistad Academy PCBs\wip\Drawings\Completion Report\Figure 2-4.dwg, Oct 12, 2010 - 4:23pm



LEGEND

VSS-354 ● SOIL VERIFICATION SAMPLE LOCATION AND IDENTIFIER. TOTAL PCB CONCENTRATIONS ≤1.0 MILLIGRAM PER KILOGRAM (mg/kg)

ASPHALT

GRASS/DIRT

GRASS

RUBBERIZED MATTING

CONCRETE

AREA OF SOIL REMOVAL TO A DEPTH OF 1 FOOT BELOW BOTTOM OF CONCRETE FOR OFF-SITE DISPOSAL AS <50 ppm PCB REMEDIATION WASTE

NOTES:

1. BASEMAP FEATURES TAKEN FROM, DRAWING NUMBER AD2.0 ENTITLED "FIRST FLOOR DEMOLITION PLAN", AMISTAD K-8 SCHOOL, 130 EDGEWOOD AVE, NEW HAVEN, CT., PREPARED BY BOROSON FALCONER LLC., DATED DECEMBER 30, 2009.
2. VERIFICATION SOIL SAMPLES COLLECTED FROM 12-15 INCHES BELOW BOTTOM OF CONCRETE.

0 20 40
SCALE IN FEET

THIS DOCUMENT IS THE PROPERTY OF WOODARD & CURRAN INC. AND ITS CLIENT. REPRODUCTION OR MODIFICATION WITHOUT WRITTEN PERMISSION IS PROHIBITED.

35 NEW ENGLAND BUSINESS CENTER
ANDOVER, MASSACHUSETTS 01810
866.702.6371 | www.woodardcurran.com

COMMITMENT & INTEGRITY DRIVE RESULTS

WOODARD & CURRAN

REV	DESCRIPTION	DATE

DESIGNED BY: CHECKED BY: CJF
DRAWN BY: EVR Figure 2-5.dwg

VERIFICATION SOIL SAMPLE LOCATIONS (CONCRETE WALKWAY REMOVAL AREAS ADDITIONAL EXCAVATION)

AMISTAD ACADEMY
NEW HAVEN, CONNECTICUT

PCB REMEDIATION COMPLETION REPORT

JOB NO.: 223019
DATE: OCTOBER 2010
SCALE: AS NOTED
SHEET: OF

FIGURE 2-5

\\Andover\projects\223019 Achievement First - Amistad Academy PCBs\wip\Drawings\Completion Report\Figure 2-5.dwg, Oct 12, 2010 - 4:24pm

APPENDIX A: EPA APPROVAL AND NOTICES

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

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

MAY 7 2010

Ms. Lisa Desfosses
Director of Facilities - Achievement First for Amistad Academy
Achievement First
403 James Street
New Haven, Connecticut 06513

Re: PCB Cleanup and Disposal Approval under 40 CFR §§ 761.61(a) and (c); and § 761.79(h)
Amistad Academy, New Haven, Connecticut

Dear Ms. Desfosses:

This is in response to the Notification[1] by Achievement First for approval of a proposed PCB cleanup plan at the former Dwight Street school located at 130 Edgewood Avenue, New Haven, Connecticut (the Site). The Site contains PCB-contaminated materials that exceed the allowable PCB levels under 40 CFR § 761.20(a), § 761.61, and § 761.62. Specifically, PCBs have been found in caulk, in building substrates, on rubber matting, in asphalt and concrete, and in soils. Achievement First is redeveloping the Site into a new school, referred to as the Amistad Academy.

Achievement First has requested an approval under 40 CFR Part 761 to clean up and dispose of PCB-contaminated wastes. Specifically, Achievement First is proposing the following PCB cleanup standards and major activities under this project:

- Remove all PCB caulk, and associated *porous surfaces* (e.g. brick and concrete) and *non-porous surfaces* (i.e. metal window and door frames) and dispose as a greater than or equal to (≥) 50 parts per million (ppm) PCB waste in accordance with § 761.62 (a) at a RCRA hazardous waste landfill or TSCA-approved chemical waste landfill;

[1] The notification was prepared by Woodard & Curran on your behalf to satisfy the requirements under 40 CFR §§ 761.61(a) and (c) and § 761.79(h). Information was submitted dated March 22, 2010; April 9, 2010 (via e-mail); April 22, 2010 (via e-mail); and April 28, 2010 (via e-mail) and shall be referred to as the "Notification".

- Remove all PCB-contaminated soils, concrete, rubberized matting, and asphalt with $\geq$ 50 ppm and dispose in accordance with § 761.61(a) at a RCRA hazardous waste landfill or TSCA-approved chemical waste landfill;

- Remove all PCB-contaminated soils, concrete, rubberized mattering, and asphalt with greater than (>) 1 ppm and less than (<) 50 ppm and dispose in accordance with § 761.61 (a) at a RCRA solid waste landfill; and,

- Conduct verification sampling of decontaminated materials to document that the PCB cleanup standards of less than or equal to ($\leq$) 1 ppm and/or $\leq$10 μg/100 cm^2 have been met, which is consistent with the cleanup and disposal requirements for unrestricted use or disposal under § 761.61(a).

With the exception of the proposed verification sampling frequency for *porous surfaces* and *non-porous surfaces*, the Notification meets the requirements and standards established under §§ 761.61(a), 761.62, and 761.79 for cleanup and disposal of *PCB remediation waste* and *PCB bulk product waste*.

With respect to the verification sampling frequency, based on the results of the PCB sampling to-date and the proposed cleanup and disposal approach, EPA has determined that the sampling plan and verification sampling frequency are adequate to delineate PCB-contaminated wastes for off-site disposal and to confirm that cleanup standards have been met. EPA finds that the activities proposed by Achievement First will create no unreasonable risk when conducted in accordance with the Notification and this Approval. EPA may approve the sampling under § 761.61(c). Please note that EPA is requiring a higher verification sampling frequency for decontaminated structural steel where visible caulk was identified (please see Attachment 1, Condition 13c).

Achievement First may proceed with its cleanup in accordance with 40 CFR §§ 761.61(a) and (c); § 761.62; § 761.79(h); its Notification; and this Approval, subject to the conditions of Attachment 1. Please note the following conditions in Attachment 1:

- Condition 1a. This condition requires submittal of the additional characterization sampling results for soils, concrete pads, asphalt, and rubberized matting which is required to define the extent of the PCB contamination within these materials. The submittal should include Achievement First plan to clean up the PCB contamination in these materials; and,
- Conditions 13b. and 13 c. These conditions require notification to EPA in the event any verification sample exceeds the PCB cleanup standard of 1 ppm for *porous surfaces* and/or 10 μg/100 cm^2 for *non-porous surfaces*. EPA is retaining its rights to re-evaluate its determination on the alternative sampling based on the results of the verification sampling.

Questions and correspondence regarding this Approval should be directed to:

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

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

Sincerely,

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

cc G. Trombly, CTDEP
J. Hamel, Woodard & Curran
File

Attachment 1

ATTACHMENT 1: PCB CLEANUP AND DISPOSAL APPROVAL CONDITIONS FORMER DWIGHT STREET SCHOOL (the Site) LOCATION OF NEW AMISTAD ACADEMY 130 EDGEWOOD AVENUE NEW HAVEN, CONNECTICUT

GENERAL CONDITIONS

1. This Approval is granted under the authority of Section 6(e) of the Toxic Substances Control Act (TSCA), 15 U.S.C. § 2605(e), and the PCB regulations at 40 CFR Part 761, and applies solely to the *PCB bulk product waste* and the *PCB remediation waste* located at the Site and identified in the Notification.

    a. Achievement First shall submit the results of the additional characterization sampling for soils, concrete pads, rubberized matting, and asphalt to EPA for review and approval prior to initiating cleanup of the PCBs associated with these materials. A plan describing the cleanup, including disposal of the wastes, shall also be included.

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

3. In the event that the cleanup plan described in the Notification differs from the conditions specified in this Approval, the conditions of this Approval shall govern.

4. The terms and abbreviations used herein shall have the meanings as defined in 40 CFR § 761.3 unless otherwise defined within this Approval.

5. Achievement First must comply with all applicable federal, state and local regulations in the storage, handling, and disposal of all PCB wastes, including PCBs, PCB Items and decontamination wastes generated under this Approval. In the event of a new spill during response actions, Achievement First shall contact EPA within 24 hours for direction on PCB cleanup and sampling requirements.

6. Achievement First is responsible for the actions of all officers, employees, agents, contractors, subcontractors, and others who are involved in activities conducted under this Approval. If at any time Achievement First has or receives information indicating that Achievement First or any other person has failed, or may have failed, to comply with any provision of this Approval, it must report the information to EPA in writing within 24 hours of having or receiving the information.

7. This Approval does not constitute a determination by EPA that the transporters or disposal facilities selected by Achievement First are authorized to conduct the activities set forth in the Notification. Achievement First is responsible for ensuring that its selected transporters and disposal facilities are authorized to conduct these activities in accordance with all applicable federal, state and local statutes and regulations.

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

NOTIFICATION AND CERTIFICATION CONDITIONS

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

10. Achievement First shall notify EPA in writing of the scheduled date of commencement of on-site activities at least 1 business day prior to conducting any work under this Approval.

11. Prior to initiation of work authorized under this Approval, Achievement First shall submit the following information for EPA review and/or approval:

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

    b. A contractor work plan, prepared and submitted by the selected demolition or abatement contractor(s) describing the containment and air monitoring that will be employed during abatement activities. This work plan should also include information on how and where wastes will be stored and disposed of, and on how field equipment will be decontaminated; and,

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

CLEANUP AND DISPOSAL CONDITIONS

12. To the maximum extent practical, engineering controls, such as barriers, and removal techniques, such as the use of HEPA ventilated tools, shall be utilized during removal processes. In addition, to the maximum extent possible, disposable equipment and materials, including PPE, will be used to reduce the amount of decontamination necessary.

13. PCB-contaminated materials shall be decontaminated and verification sampling and analysis shall be conducted as described below:

    a. All visible residues of PCB caulk shall be removed and disposed of as described in the Notification.

    b. The decontamination standard for building *porous surfaces* (e.g. concrete, brick, etc.) shall be less than or equal to (≤) 1 part per million (ppm).

        i) All post-decontamination verification sampling of *porous surfaces* shall be performed on a bulk basis (i.e. mg/Kg). Samples shall be collected according to EPA's *draft* Standard Operating Procedure For Sampling Concrete in the Field, dated 12/30/97 to a maximum depth of 0.5 inches and in accordance with the sampling frequency described in the Notification.

        ii) In the event **any** verification sample is greater than (>) 1 ppm, Achievement First shall contact EPA to determine what modifications, if any, need to be made to the sampling frequency or to the abatement plan for the remainder of the project.

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

        iv) For decontaminated *porous surfaces* that have PCB concentrations exceeding the decontamination standard, Achievement First may conduct additional decontamination to achieve the required decontamination standard or must store and dispose of these materials as TSCA-regulated waste in accordance with 40 CFR Part 761.

c. The decontamination standard for *non-porous surfaces* (e.g. metal window and door frames, structural steel etc.) shall be less than or equal to ($\leq$) 10 $\mu g/100\ cm^2$ PCBs.

i) Sampling of *non-porous surfaces* shall be performed on a surface area basis by the standard wipe test as specified in 40 CFR § 761.123 (i.e. $\mu g/100\ cm^2$) and in accordance with the verification sampling frequency described in the Notification.

(1) The verification sampling frequency for decontaminated structural steel associated with upper pre-cast concrete panels (where direct contact with visible caulk was identified) shall be a minimum of 1 sample per every 50 linear feet.

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

iii) In the event **any** verification sample is > 10 $\mu g/100\ cm^2$, Achievement First shall contact EPA to determine what modifications, if any, need to be made to the sampling frequency or to the abatement plan for the remainder of the project.

iv) For decontaminated *non-porous surfaces* that have PCB concentrations exceeding the decontamination standard, Achievement First may conduct additional decontamination to achieve the required decontamination standard or must store and dispose of these materials as TSCA-regulated waste in accordance with 40 CFR Part 761.

d. The decontamination standard for concrete pads, asphalt, rubberized mattering, and for soils shall be $\leq$ 1 ppm.

i) Asphalt and concrete samples shall be collected according to EPA's *draft* Standard Operating Procedure For Sampling Concrete in the Field, dated 12/30/97 to a maximum depth of 0.5 inches and in accordance with 40 CFR Part 761, Subpart O verification sampling frequency requirements.

ii) *Bulk PCB remediation waste* samples (e.g. soils, rubberized matting) shall be collected on a bulk basis (i.e. mg/Kg) and PCB analytical results shall be reported on a dry weight analysis. Verification sampling shall be conducted in accordance with 40 CFR Part 761, Subpart O.

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

14. PCB waste (at any concentration) generated as a result of the activities described in the Notification, excluding any decontaminated materials, shall be marked in accordance with CFR 40 CFR § 761.40; stored in a manner consistent with 40 CFR § 761.65; and, disposed of in accordance with 40 CFR § 761.61 or § 761.62, unless otherwise specified below.

    a. Non-liquid cleaning materials, PPE and similar materials resulting from decontamination may be disposed of in accordance with 40 CFR § 761.79(g)(6).

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

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

INSPECTION, MODIFICATION AND REVOCATION CONDITIONS

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

16. Any proposed modification(s) in the plan, specifications, or information in the Notification must be submitted to EPA no less than 14 calendar days prior to the proposed implementation of the change. Such proposed modifications will be subject to the procedures of 40 CFR § 761.61(a)(3)(ii).

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

RECORDKEEPING AND REPORTING CONDITIONS

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

19. Achievement First shall submit a final report to the EPA within 60 days of completion of the activities authorized under this Approval. At a minimum, this final report shall include: a short narrative of the project activities; characterization and confirmation sampling analytical results; copies of the accompanying analytical chains of custody; field and laboratory quality control/quality assurance checks; an estimate of the quantity of PCB waste disposed of and the size of the PCB cleanup area(s); copies of manifests and bills of lading; and copies of certificates of disposal or similar certifications issued by the disposer.

20. Required submittals shall be mailed to:

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

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

****

END OF ATTACHMENT 1

COMMITMENT & INTEGRITY DRIVE RESULTS

35 New England Business Ctr.
Suite 180
Andover, Massachusetts 01810
www.woodardcurran.com

T 866.702.6371
T 978.557.8150
F 978.557.7948

July 2, 2010

Ms. Kimberly N. Tisa, PCB Coordinator
U.S. Environmental Protection Agency
5 Post Office Square, Suite 100 (OSRR07-2)
Boston, Massachusetts 02109-3912

Re: Additional Information and Notification of Verification Sampling Results
PCB Cleanup and Disposal Approval under 40 CFR 761.61(a) and (c), and 761.79(h)
Amistad Academy, New Haven, CT

Dear Ms. Tisa:

On behalf of Amistad Academy – Achievement First, and based on the U.S. Environmental Protection Agency's (EPA's) May 7, 2010 PCB Cleanup and Disposal Approval under 40 CFR 761.61(a) and (c) and 761.79(h) (the Approval), this letter provides notification of additional information relating to the planned work that was not included in the original notification (in accordance with Approval Condition 16). In addition, and pursuant to Approval Condition 13(b)(ii), this letter provides notification of verification sampling results > 1 parts per million (ppm) and resultant activities completed and proposed to be performed. Finally, this letter includes a description of additional characterization testing of ground surfaces conducted as part of the Approval process.

Notification of Additional Information (Approval Condition 16)

Following implementation of remediation activities, additional interior caulking was identified on interior joints between the lower pre-cast concrete panels and the interior masonry block columns on the north and south building faces. This material was not observed during previous inspections and only became apparent after removal of the lower precast panels. Upon discovery, a sample of the caulking was collected and submitted for PCB analysis via USEPA Method 8082 with Soxhlet Extraction (3540C).

Analytical results from the newly identified interior caulking indicated that the concentration of PCBs was 95 mg/kg. Based on these results, this interior caulking and adjacent building materials will be managed as > 50 ppm PCB wastes in accordance with the project plans established for this type of material. The masonry block columns, as well as underlying tar paper, in direct contact with the caulking will be removed exposing the underlying structural steel and disposed of as > 50 ppm PCB wastes. This approach is consistent with the Approval and due to schedule requirements has been implemented on the south side of the building and will be implemented on the north side of the building.

Following removal of the caulk and masonry column materials, the structural steel supports within the columns will be visually inspected for caulk and verification wipe samples will be collected at a frequency of one sample per 50 linear feet of structural steel column for a total of five verification wipe samples (based on approximately 235 linear feet of column). This sample frequency is consistent with the Approval for other steel columns and supports. Results of the inspection and verification wipe testing will be evaluated consistent with the verification program described in the Approved Plan.

Verification Sample Results > 1 ppm (Condition 13(b)(ii))

To date 27 verification samples have been collected from the lower pre-cast panels, 11 samples from the upper pre-cast panels, 10 samples from the brick walls, and three samples from the underlying building foundation.

Analytical results from four of the 51 verification samples have indicated that PCBs were present at concentrations > 1 ppm (results from five of the samples are pending as of the date of this letter). A summary of each sample that was detected over 1 ppm, including the media, approved verification sampling procedures, and proposed modifications, is discussed below. A summary of the analytical results pertaining to these items is included on attached Table 1.

Upper and Lower Pre-Cast Panels

To date, no verification samples collected from the upper pre-cast panels have exceeded 1 ppm. No verification samples from the lower panels from the south side of the building exceeded 1 ppm; and, as such, they have been segregated and disposed of off-site in accordance with the Approval. Lower pre-cast panels from the north side of the building have been removed and staged on-site pending waste segregation. In total, 26 verification samples have been collected from the lower pre-cast panels at a frequency of one sample per every 100 l.f. of caulked joint. With one exception, the concentration of PCBs in the verification samples collected to date have been less than 1 ppm with concentrations ranging from below the minimum laboratory reporting limit (<0.33) to 0.469 ppm. Results from one verification sample (AA-VCS-023) reported a PCB concentration of 1.305 ppm (slightly over the 1 ppm level). Based on the consistency of all but one of the verification sample results, the verification sampling program for the lower pre-cast panels is not proposed to be modified.

In order to address the identified > 1 ppm PCBs on the one panel in question, additional removal was performed to a distance of 4 inches from the caulked joints on the individual panel. Prior to implementing the additional removal, a verification sample was collected at a distance of 4 inches from the caulked joint and submitted for PCB analysis. Analytical results from this sample indicated that the concentration of PCBs was 0.894 mg/kg.

Building Foundation

In accordance with the Approval, upon removal of the lower pre-cast sills, the building foundation was inspected for the presence of points of direct contact with caulking associated with the lower pre-cast sills. At each of the 96 horizontal sill joints (48 joints on both the north and south building sides), direct contact between the caulk and the foundation was observed on the outer most portion of the caulked joint (at the base of the 3 inch vertical run down the front of the panel). Following removal of all caulk and caulk residue, verification samples were collected from the foundation. Based on a total of

between 96 and 120 linear feet of caulking (96 joints of lengths between 12 and 15 inches), two verification samples were collected for a sample frequency of 1 sample for every 50 to 60 l.f. of caulked joint.

Analytical results indicated that the concentration of PCBs in the sample collected from the south side foundation was 42.6 mg/kg (AA-VCS-020) and the concentration of PCBs in the sample collected from the north side of the building was 0.324 mg/kg (AA-VCS-038). Based on the inconsistency between the sample results, two additional verification samples (one from each side) were proposed to be collected from randomly selected locations to insure representative data was collected from these areas. Analytical results from the sample collected from the north side indicated that the concentration of PCBs was 5.43 mg/kg.

Based on the project schedule requirements for the south side of the building, it was determined to remove concrete from the building foundation along all 48 of the caulked joints on the south side of the building. Concrete within 2 inches of each joint was removed to a depth of 2 inches. Following removal, two verification concrete samples were collected for a sample frequency of 1 sample per 25 to 30 l.f of caulked joint (based on 48, 12 to 15 inch joints). The first sample was collected at the same joint as the original sample location. The second sample location was selected by first assigning each joint a number and then randomly selecting the joint to be sampled. The location along the joint was then selected randomly based on the total length of the selected joint. Analytical results from these samples indicate that the concentrations of PCBs were 0.093 and 0.22 mg/kg. Based on these results, remediation activities on the south side building foundation are considered complete.

Based on the result from the verification samples collected from the north side building foundation, concrete within 2 inches of joints on the north side of the building will also be removed to a depth of 2 inches. Following removal, verification samples will be collected at the same frequency as described above for the south side and compared to the clean up levels as follows:

- Analytical results ≤ 1 ppm – task complete; no additional removal required.
- Analytical results > 1 ppm – additional removal and off-site disposal as PCB remediation wastes of remaining materials will be conducted and sampling process repeated until the cleanup level is met.

South Building Face Brick Wall

To date, eight verification brick samples have been collected from the east, west, and south building faces. Results from seven of these samples indicated that the concentration of PCBs were < 1 ppm. Results from the verification sample collected from the remaining brick materials (third row of brick beneath the upper horizontal caulked joint) on the eastern portion of the south building face reported a PCB concentration of 1.26 mg/kg. Based on these results, an additional course of brick was removed from the eastern portion of the south building face (approximately 35 linear feet of material). Following removal, verification samples were collected from the remaining brick and from the materials behind the area of additional removal. Verification samples from both samples indicated that the concentration of PCBs were < 1 ppm (<0.033 mg/kg in each sample) and no additional removal was considered. Based on these results and the results from seven of the eight initial verification brick samples collected to date, which indicated that the concentration of PCBs was < 1 ppm, removal and verification testing of brick materials on remaining portions of the building are proposed to be conducted in accordance with the Approval.

Additional Characterization Sampling

Additional characterization sampling as described in the Ground Surface Remediation Plan (May 2010) and the Addendum Letter dated June 3, 2010 was conducted. A summary of the results of the additional sampling is provided below:

- Soil – Four additional soil samples were collected as indicated. Analytical results from two of the four samples indicated that the concentration of PCBs were < 1 ppm. Results from the remaining two sample locations (the samples collected in the southwest and northeast portions of the site) indicated that the concentration of PCBs were slightly > 1 ppm at a distance of 10 feet from the building. Based on these results, additional characterization samples were collected at distances greater than 10 feet from the building and results from these samples indicated that the concentration of PCBs were < 1 ppm. The soil excavation areas in the vicinity of these samples have been modified to include all areas > 1 ppm.

- Asphalt – Two additional asphalt samples were collected as indicated. Analytical results indicated that the concentration of PCBs at a distance of 12 inches from the building were slightly > 1 ppm in one area. Based on these results, two characterization samples of asphalt were collected at a distance of two feet from the building foundation. Results from these samples indicated that the concentration of PCBs were < 1 ppm. Given these results, asphalt in this area was removed to a distance of two feet from the building foundation.

- Concrete walkway adjacent to the rubber matting – As per the June 3, 2010 Addendum letter, four characterization samples were collected of concrete materials between the western side of the building and the rubber matting. Samples were collected at a distance of one foot laterally from the rubber matting. Analytical results from these samples indicated that the concentration of PCBs were < 1 ppm in all samples.

- Four doorway concrete pads – One characterization sample was collected from concrete adjacent to each of the four main doorway pads. Analytical results indicated that the concentrations of PCBs were < 1 ppm in all samples.

- Courtyard walkway – One concrete sample was collected at a distance of 6 inches from the building foundation in the area of concrete sample AA-CC-004. Analytical results indicated that the concentration of PCBs in this sample was slightly > 1 ppm. Based on these results, an additional characterization sample was collected at a distance of 12 inches from the building foundation. Results from this sample indicated that the concentration of PCBs was < 1 ppm. Based on this result, the extent of concrete removal will be modified accordingly.

- Concrete along brick walls – Four additional characterization samples were collected from three areas as specified in the June 3, 2010 Addendum letter. In two of the three areas (the south side and the west side), analytical results indicated that the concentration of PCBs were < 1 ppm. Based on these results, no concrete removal will be conducted on the south side or west side of the building beneath the brick walls. Analytical results from the base of the brick wall within the main courtyard area indicated that the concentration of PCBs was > 1 ppm. Based on these results, one additional concrete sample was collected at a distance of 12 inches from the base of the brick wall and analytical results from this sample also indicated

that the concentration of PCBs was > 1 ppm. Additional characterization sampling in the vicinity of this area will be conducted to establish the extent of PCBs at concentrations > 1 ppm and concrete removal will be conducted based on these results.

If you have any comments, questions, or require further information, please do not hesitate to e-mail or call me at the number listed above.

Sincerely,

WOODARD & CURRAN INC.

Jeffrey Hamel, LSP, LEP
Senior Vice President

Attachments: Table 1

cc: Tom Smith, Gilbane
Lisa Desfosses, Amistad Academy

Table 1
Verification Results Summary

Amistad Academy
New Haven, Connecticut

Work Area	Sample ID	Total PCBs (mg/kg)
Lower Pre-Cast Panels		
South Side Verification Sample	AA-VCS-001	**0.363**
South Side Verification Sample	AA-VCS-002	**0.444**
South Side Verification Sample	AA-VCS-003	**0.367**
South Side Verification Sample	AA-VCS-004	<0.330
South Side Verification Sample	AA-VCS-005	<0.330
South Side Verification Sample	AA-VCS-006	<0.330
South Side Verification Sample	AA-VCS-007	<0.330
South Side Verification Sample	AA-VCS-008	<0.330
South Side Verification Sample	AA-VCS-009	<0.330
South Side Verification Sample	AA-VCS-010	<0.330
South Side Verification Sample	AA-VCS-011	<0.330
South Side Verification Sample	AA-VCS-012	<0.330
South Side Verification Sample	AA-VCS-013	<0.330
North Side Verification Sample	AA-VCS-023	**1.305**
North Side Verification Sample	AA-VCS-024	**0.208**
North Side Verification Sample	AA-VCS-025	**0.17**
North Side Verification Sample	AA-VCS-026	**0.389**
North Side Verification Sample	AA-VCS-029	**0.263**
North Side Verification Sample	AA-VCS-030	<0.033
North Side Verification Sample	AA-VCS-031	<0.033
North Side Verification Sample	AA-VCS-032	**0.469**
North Side Verification Sample	AA-VCS-033	**0.25**
North Side Verification Sample	AA-VCS-034	**0.062**
North Side Verification Sample	AA-VCS-035	**0.363**
North Side Verification Sample	AA-VCS-036	**0.058**
North Side Verification Sample	AA-VCS-037	**0.22**
North Side Verification Sample (4 inches)	AA-VCS-037	**0.22**
Building Foundation		
South Side	AA-VCS-020	**42.6**
Southside after concrete removal	AA-VCC-107	**0.093**
	AA-VCC-108	**0.22**
Northside	AA-VCC-038	**0.324**
	AA-VCC-111	**5.43**
Brick Walls		
East Brick Wall (face)	AA-VBS-041	**0.184**
East Brick Wall (rear)	AA-VBS-042	**0.596**
Western Brick Wall (face)	AA-VBS-059	**0.047**
Western Brick Wall (rear)	AA-VBS-060	<0.069
SE Brick Wall (face)	AA-VBS-067	**1.26**
SE Brick Wall (rear)	AA-VBS-068	<0.033
NE Brick Wall (face)	AA-VBS-117	<0.033
NE Brick Wall (rear)	AA-VBS-118	<0.033
SE Brick Wall following additional removal (face)	AA-VBS-115	<0.033
SE Brick Wall following additional removal (rear)	AA-VBS-116	<0.033

APPENDIX B: DUST MONITORING LOGS

Dust Monitoring Log

Amistad Academy
New Haven, Connecticut

Date	Time	Air-Monitoring Point	Location	Dust	Temperature	Weather	Activity	Notes	Actions Taken
5/18/2010	1000	BKG	On-Site Trailer	0.004	~48°F	Rainy	Gross Caulk Removal	Site Grading Adjacent	
		Point A	Electrical box	0.006					
		Point B	Orange Tree Stump	0.004					
		Point C	End of Back Row	0.002					
	1100	BKG	On-Site Trailer	0.002	~50°F	Rainy	Lower Pre-Cast Panel Removal	Site Grading Adjacent	
		Point A	Electrical box	0.001					
		Point B	Orange Tree Stump	0.000					
		Point C	End of Back Row	0.001					
	1200	BKG	On-Site Trailer	0.000	~56°F	Rainy	Lower Pre-Cast Panel Removal	Site Grading Adjacent	
		Point A	Electrical box	0.000					
		Point B	Orange Tree Stump	0.000					
		Point C	End of Back Row	0.000					
	1300	BKG	On-Site Trailer	0.004	~56°F	Rainy	Gross Caulk Removal	Site Grading Adjacent	
		Point A	Electrical box	0.005					
		Point B	Orange Tree Stump	0.004					
		Point C	End of Back Row	0.001					
	1400	BKG	On-Site Trailer	0.004	~56°F	Rainy	Cleaning	Site Grading Adjacent	
		Point A	Electrical box	0.001					
		Point B	Orange Tree Stump	0.004					
		Point C	End of Back Row	0.002					
	1500	BKG	On-Site Trailer	0.003	~54°F	Rainy	Cleaning	Site Grading Adjacent	
		Point A	Electrical box	0.000					
		Point B	Orange Tree Stump	0.003					
		Point C	End of Back Row	0.000					
5/19/2010	700	BKG	On-Site Trailer	0.000	~50°F	Cloudy	Set Up/Laying Poly Down	Site Grading Adjacent	
		Point A	Electrical box	0.000					
		Point B	Orange Tree Stump	0.000					
		Point C	End of Back Row	0.000					
	800	BKG	On-Site Trailer	0.000	~50°F	Cloudy	Knocking out Wooden Panels, Gross Caulk Removal	Site Grading Adjacent	
		Point A	Electrical box	0.000					
		Point B	Orange Tree Stump	0.000					
		Point C	End of Back Row	0.000					
	900	BKG	On-Site Trailer	0.002	~50°F	Cloudy	Lower Pre-Cast Panel Removal	Site Grading Adjacent	
		Point A	Electrical box	0.001					
		Point B	Orange Tree Stump	0.000					
		Point C	End of Back Row	0.001					
	1000	BKG	On-Site Trailer	0.000	~50°F	Cloudy	Lower Pre-Cast Panel Removal	Site Grading Adjacent	
		Point A	Electrical box	0.001					
		Point B	Orange Tree Stump	0.000					
		Point C	End of Back Row	0.000					
	1100	BKG	On-Site Trailer	0.001	~52°F	Cloudy	Lower Pre-Cast Panel Removal	Site Grading Adjacent	
		Point A	Electrical box	0.001					
		Point B	Orange Tree Stump	0.000					
		Point C	End of Back Row	0.001					
	1200	BKG	On-Site Trailer	0.002	~56°F	Cloudy	Lower Pre-Cast Panel Removal	Site Grading Adjacent	
		Point A	Electrical box	0.001					
		Point B	Orange Tree Stump	0.003					
		Point C	End of Back Row	0.000					
	1300	BKG	On-Site Trailer	0.000	~60°F	Cloudy	Lower Pre-Cast Panel Removal	Site Grading Adjacent	
		Point A	Electrical box	0.000					
		Point B	Orange Tree Stump	0.001					
		Point C	End of Back Row	0.000					
	1400	BKG	On-Site Trailer	0.000	~60°F	Cloudy	Lower Pre-Cast Panel Removal	Site Grading Adjacent	Activity from adjacent site influenced reading, visible dust…
		Point A	Electrical box	0.000					
		Point B	Orange Tree Stump	0.004					
		Point C	End of Back Row	0.002					
	1500	BKG	On-Site Trailer	0.000	~58°F	Cloudy	Cleaning		
		Point A	Electrical box	0.000					
		Point B	Orange Tree Stump	0.000					
		Point C	End of Back Row	0.000					

Dust Monitoring Log

Amistad Academy
New Haven, Connecticut

Date	Time	Air-Monitoring Point	Location	Dust	Temperature	Weather	Activity	Notes	Actions Taken
5/20/2010	700	BKG	On-Site Trailer	0.000	~54°F	Sunny	Pre-work poly lay down		
		Point A	Electrical box	0.000					
		Point B	Orange Tree Stump	0.000					
		Point C	End of Back Row	0.000					
	800	BKG	On-Site Trailer	0.000	~54°F	Sunny	Poly lay down	Site Grading Adjacent	
		Point A	Electrical box	0.000					
		Point B	Orange Tree Stump	0.000					
		Point C	End of Back Row	0.000					
	900	BKG	On-Site Trailer	0.000	~54°F	Sunny	Lower Sill Removal		Reading was taken during coffee break.
		Point A	Electrical box	0.000					
		Point B	Orange Tree Stump	0.000					
		Point C	End of Back Row	0.000					
	1000	BKG	On-Site Trailer	0.000	~54°F	Sunny	Lower Sill Removal	Moving concrete adjacent	
		Point A	Electrical box	0.000					
		Point B	Orange Tree Stump	0.000					
		Point C	End of Back Row	0.000					
	1100	BKG	On-Site Trailer	0.000	~54°F	Sunny	Lower Sill Removal	Moving concrete/soil adjacent	No workers near Point C, obviously affected by adjacent soil movement
		Point A	Electrical box	0.000					
		Point B	Orange Tree Stump	0.000					
		Point C	End of Back Row	0.005					
	1200	BKG	On-Site Trailer	0.000	~60°F	Sunny	lunch		
		Point A	Electrical box	0.000					
		Point B	Orange Tree Stump	0.000					
		Point C	End of Back Row	0.000					
	1300	BKG	On-Site Trailer	0.001	~64°F	Sunny	Header Removal	Visible airborn soil from adjacent site	soil only impacted area not being worked on
		Point A	Electrical box	0.000					
		Point B	Orange Tree Stump	0.001					
		Point C	End of Back Row	0.013					
	1400	BKG	Rear Asphalt/Tree	0.003	~58°F	Sunny	Header Removal	Visible airborn soil from adjacent site	
		Point A	Electrical box	0.000					
		Point B	Orange Tree Stump	0.000					
		Point C	End of Back Row	0.011					
	1500	BKG	Rear Asphalt/Tree	0.001	~54°F	Sunny	cleanup	Visible airborn soil from adjacent site	
		Point A	Electrical box	0.001					
		Point B	Orange Tree Stump	0.001					
		Point C	End of Back Row	0.002					
5/21/2010	700	BKG	Rear Asphalt/Tree	0.000	~59°F	Sunny	Moving lower pre-cast panels		
		Point A	Electrical box	0.000					
		Point B	Orange Tree Stump	0.000					
		Point C	End of Back Row	0.000					
	800	BKG	Trailer	0.022	~60°F	Sunny	Header Removal	Grading at site adjacent	
		Point A	Electrical box	0.009					
		Point B	Orange Tree Stump	0.003					
		Point C	End of Back Row	0.004					
	900	BKG	Trailer	0.090	~60°F	Sunny	Header Removal	Grading at site adjacent	
		Point A	Electrical box	0.022					
		Point B	Orange Tree Stump	0.012					
		Point C	End of Back Row	0.011					
	1000	BKG	Trailer	0.324	~61°F	Sunny	Header Removal	Grading at site adjacent	
		Point A	Electrical box	0.056					
		Point B	Orange Tree Stump	0.016					
		Point C	End of Back Row	0.087					
	1100	BKG	Trailer	0.006	~61°F	Sunny	Header Removal	Grading at site adjacent	
		Point A	Electrical box	0.005					
		Point B	Orange Tree Stump	0.003					
		Point C	End of Back Row	0.002					
	1200	BKG	Trailer	0.012	~65°F	Sunny	Header Removal		
		Point A	Electrical box	0.005					
		Point B	Orange Tree Stump	0.002					
		Point C	End of Back Row	0.002					
	1300	BKG	Rear Asphalt/Tree	0.014	~70°F	Sunny	Moving Headers/footers into roll-offs	Grading at site adjacent	
		Point A	Electrical box	0.006					
		Point B	Truck	0.008					
		Point C	Edgewood Enterance	0.003					
	1400	BKG	Rear Asphalt/Tree	0.002	~70°F	Sunny	Moving Headers/footers into roll-offs		
		Point A	Electrical box	0.001					
		Point B	truck	0.002					
		Point C	Edgewood Enterance	0.000					
	1500	BKG	Rear Asphalt/Tree	0.000	~70°F	Sunny	Cleaning		
		Point A	Electrical box	0.000					
		Point B	Truck	0.000					
		Point C	Edgewood Enterance	0.000					

Dust Monitoring Log

Amistad Academy
New Haven, Connecticut

Date	Time	Air-Monitoring Point	Location	Dust	Temperature	Weather	Activity	Notes	Actions Taken
5/24/2010	700	BKG	On-Site Trailer	0.013	~66°F	Cloudy	Setting up containment area		
		Point A	Roll-Offs	0.009					
		Point B	SWZ	0.006					
		Point C	Edgewood Enterance	0.007					
	800	BKG	On-Site Trailer	0.013	~66°F	Cloudy	Setting up containment area		
		Point A	Roll-Offs	0.011					
		Point B	SWZ	0.013					
		Point C	Edgewood Enterance	0.012					
	900	BKG	On-Site Trailer	0.009	~66°F	Cloudy	Setting up containment area		
		Point A	Roll-Offs	0.002					
		Point B	SWZ	0.006					
		Point C	Edgewood Enterance	0.006					
	1000	BKG	On-Site Trailer	0.004	~66°F	sunny	Setting up containment area		
		Point A	Roll-Offs	0.002					
		Point B	SWZ	0.003					
		Point C	Edgewood Enterance	0.002					
	1100	BKG	On-Site Trailer	0.009	~66°F	sunny	Break		
		Point A	Roll-Offs	0.007					
		Point B	SWZ	0.002					
		Point C	Edgewood Enterance	0.001					
	1200	BKG	On-Site Trailer	0.004	~66°F	sunny	Break		
		Point A	Roll-Offs	0.001					
		Point B	SWZ	0.002					
		Point C	Edgewood Enterance	0.000					
	1300	BKG	On-Site Trailer	0.030	~66°F	Cloudy	Jackhammering the lower pre cast panels		
		Point A	Roll-Offs	0.026					
		Point B	SWZ	0.028					
		Point C	Edgewood Enterance	0.001					
	1400	BKG	On-Site Trailer	0.002	~66°F	Sunny	Jackhammering the lower pre cast panels		
		Point A	Roll-Offs	0.001					
		Point B	SWZ	0.002					
		Point C	Edgewood Enterance	0.008					
	1500	BKG	On-Site Trailer	0.002	~66°F	Sunny	Cleanup		
		Point A	Roll-Offs	0.032					
		Point B	SWZ	0.028					
		Point C	Edgewood Enterance	0.000					
5/25/2010	700	BKG	On-Site Trailer	0.091	~63°F	Sunny	Set Up	Deliveries next door	Large delivery of rebar with personnel
		Point A	Roll-Offs	0.042					
		Point B	SWZ	0.040					
		Point C	Edgewood Enterance	0.036					
	800	BKG	On-Site Trailer	0.058	~63°F	Sunny	Jackhammering the lower pre cast panels	Dust Generated Adjacent	
		Point A	Roll-Offs	0.031					
		Point B	SWZ	0.091					
		Point C	Edgewood Enterance	0.016					
	900	BKG	On-Site Trailer	0.016	~72°F	Sunny	Jackhammering the lower pre cast panels	Dust Generated Adjacent	
		Point A	Roll-Offs	0.018					
		Point B	SWZ	0.058					
		Point C	Edgewood Enterance	0.012					
	1000	BKG	On-Site Trailer	0.071	~72°F	Sunny	Jackhammering the lower pre cast panels	Dust Generated Adjacent	
		Point A	Roll-Offs	0.131					
		Point B	SWZ	0.142					
		Point C	Edgewood Enterance	0.032					
	1100	BKG	On-Site Trailer	0.016	~72°F	Sunny	Jackhammering the lower pre cast panels	Dust Generated Adjacent	
		Point A	Roll-Offs	0.107					
		Point B	SWZ	0.086					
		Point C	Edgewood Enterance	0.039					
	1200	BKG	On-Site Trailer	0.052	~72°F	Sunny	lunch	Dust Generated Adjacent	
		Point A	Roll-Offs	0.066					
		Point B	SWZ	0.055					
		Point C	Edgewood Enterance	0.018					
	1300	BKG	On-Site Trailer	0.022	~72°F	Sunny	Jackhammering the lower pre cast panels	Dust Generated Adjacent	
		Point A	Roll-Offs	0.000					
		Point B	SWZ	0.036					
		Point C	Edgewood Enterance	0.010					
	1400	BKG	On-Site Trailer	0.040	~72°F	Sunny	Jackhammering the lower pre cast panels	Dust Generated Adjacent	
		Point A	Roll-Offs	0.038					
		Point B	SWZ	0.127					
		Point C	Edgewood Enterance	0.008					
	1500	BKG	On-Site Trailer	0.092	~72°F	sunny	Cleanup		
		Point A	Roll-Offs	0.044					
		Point B	SWZ	0.009					
		Point C	Edgewood Enterance	0.000					

Dust Monitoring Log

Amistad Academy
New Haven, Connecticut

Date	Time	Air-Monitoring Point	Location	Dust	Temperature	Weather	Activity	Notes	Actions Taken
5/26/2010	700	BKG	On-Site Trailer	0.056	~65°F	Sunny	Set Up		
		Point A	Roll-Offs	0.038					
		Point B	SWZ	0.041					
		Point C	Edgewood Enterance	0.018					
	800	BKG	On-Site Trailer	0.047	~75°F	Sunny	Jackhammering/ removing panels	Dust Generated Adjacent	
		Point A	Roll-Offs	0.062					
		Point B	SWZ	0.022					
		Point C	Edgewood Enterance	0.029					
	900	BKG	On-Site Trailer	0.160	~75°F	Sunny	Jackhammering/ removing panels	Dust Generated Adjacent	
		Point A	Roll-Offs	0.044					
		Point B	SWZ	0.015					
		Point C	Edgewood Enterance	0.006					
	1000	BKG	On-Site Trailer	0.103	~75°F	Sunny	Jackhammering/ removing panels	Dust Generated Adjacent	
		Point A	Roll-Offs	0.099					
		Point B	SWZ	0.049					
		Point C	Edgewood Enterance	0.032					
	1100	BKG	On-Site Trailer	0.099	~77°F	Sunny	Jackhammering/ removing panels	Dust Generated Adjacent	
		Point A	Roll-Offs	0.026					
		Point B	SWZ	0.077					
		Point C	Edgewood Enterance	0.014					
	1200	BKG	On-Site Trailer	0.016	~80°F	Sunny	Jackhammering/ removing panels	Dust Generated Adjacent	
		Point A	Roll-Offs	0.048					
		Point B	SWZ	0.067					
		Point C	Edgewood Enterance	0.000					
	1300	BKG	On-Site Trailer	0.022	~80°F	Sunny	Jackhammering and cleaning debris into roll-offs	Dust Generated Adjacent	
		Point A	Roll-Offs	0.016					
		Point B	SWZ	0.034					
		Point C	Edgewood Enterance	0.002					
	1400	BKG	On-Site Trailer	0.030	~80°F	Sunny	Jackhammering and cleaning debris into roll-offs	Dust Generated Adjacent	
		Point A	Roll-Offs	0.060					
		Point B	SWZ	0.019					
		Point C	Edgewood Enterance	0.023					
	1500	BKG	On-Site Trailer	0.016	~80°F	Sunny	relocating chipped panels	Dust Generated Adjacent	
		Point A	Roll-Offs	0.015					
		Point B	SWZ	0.000					
		Point C	Edgewood Enterance	0.006					
5/27/2010	700	BKG	On-Site Trailer	0.017	~66°F	Cloudy	Set Up		
		Point A	Roll-Offs	0.017					
		Point B	SWZ	0.014					
		Point C	Edgewood Enterance	0.020					
	800	BKG	On-Site Trailer	0.009	~66°F	Cloudy	Removing detreitis from seg. Area	Dust Generated Adjacent	
		Point A	Roll-Offs	0.008					
		Point B	SWZ	0.018					
		Point C	Edgewood Enterance	0.005					
	900	BKG	On-Site Trailer	0.018	~66°F	Cloudy	Jackhammering/ removing panels	Dust Generated Adjacent	
		Point A	Roll-Offs	0.012					
		Point B	SWZ	0.013					
		Point C	Edgewood Enterance	0.007					
	1000	BKG	On-Site Trailer	0.018	~66°F	Cloudy	Cleaning segregation area	Dust Generated Adjacent	
		Point A	Roll-Offs	0.003					
		Point B	SWZ	0.007					
		Point C	Edgewood Enterance	0.000					
	1100	BKG	On-Site Trailer	0.001	~66°F	Sunny	Relocating waste segregation area		
		Point A	Roll-Offs	0.020					
		Point B	SWZ	0.023					
		Point C	Edgewood Enterance	0.012					
	1200	BKG	On-Site Trailer	0.006	~66°F	Cloudy	Lunch	Dust Generated Adjacent	
		Point A	Roll-Offs	0.012					
		Point B	SWZ	0.003					
		Point C	Edgewood Enterance	0.000					
	1300	BKG	On-Site Trailer	0.002	~66°F	Cloudy	Relocating waste segregation area		
		Point A	Roll-Offs	0.007					
		Point B	SWZ	0.002					
		Point C	Edgewood Enterance	0.000					
	1400	BKG	On-Site Trailer	0.000	~66°F	Sunny	Relocating waste segregation area		
		Point A	Roll-Offs	0.003					
		Point B	SWZ	0.000					
		Point C	Edgewood Enterance	0.001					
	1500	BKG	On-Site Trailer	0.000	~66°F	Sunny	Cleaning/ moving vehicles		cause: moving bobcat
		Point A	Roll-Offs	0.007					
		Point B	SWZ	**0.148**					
		Point C	Edgewood Enterance	0.005					

Dust Monitoring Log

Amistad Academy
New Haven, Connecticut

Date	Time	Air-Monitoring Point	Location	Dust	Temperature	Weather	Activity	Notes	Actions Taken
5/28/2010	700	BKG	On-Site Trailer	0.061	~62°F	Sunny	Relocating waste segregation area		
		Point A	Roll-Offs	0.034					
		Point B	SWZ	0.028					
		Point C	Edgewood Enterance	0.004					
	800	BKG	On-Site Trailer	0.000	~62°F	Sunny	Relocating waste segregation area/ removing panels		
		Point A	Roll-Offs	0.007					
		Point B	SWZ	0.000					
		Point C	Edgewood Enterance	0.005					
	900	BKG	On-Site Trailer	0.007	~62°F	Sunny	Relocating waste segregationg area/ removing panels		
		Point A	Roll-Offs	0.003					
		Point B	SWZ	0.002					
		Point C	Edgewood Enterance	0.003					
	1000	BKG	On-Site Trailer	0.007	~64°F	Sunny	Relocating waste segregationg area/ removing panels		
		Point A	Roll-Offs	0.040					
		Point B	SWZ	0.009					
		Point C	Edgewood Enterance	0.005					
	1100	BKG	On-Site Trailer	0.003	~64°F	Sunny	Relocating waste segregationg area/ removing panels		
		Point A	Roll-Offs	0.001					
		Point B	SWZ	0.000					
		Point C	Edgewood Enterance	0.001					
	1200	BKG	Rear Entrance	0.227	~66°F	Sunny	Relocating waste segregationg area/ removing panels		
		Point A	Chipping Area SWZ	0.084					
		Point B	Roll-Offs	0.005					
		Point C	Edgewood Enterance	0.028					
	1300	BKG	Rear Entrance	0.120	~70°F	Sunny	Jackhammering Lower Pre-Cast Panels		
		Point A	Chipping Area SWZ	0.068					
		Point B	Roll-Offs	0.002					
		Point C	Edgewood Enterance	0.007					
	1400	BKG	Rear Entrance	0.023	~72°F	Sunny	Jackhammering/ removing panels		
		Point A	Chipping Area SWZ	0.038					
		Point B	Roll-Offs	0.000					
		Point C	Edgewood Enterance	0.005					
	1500	BKG	Rear Entrance	0.003	~72°F	Sunny	Cleanup		
		Point A	Chipping Area SWZ	0.000					
		Point B	Roll-Offs	0.000					
		Point C	Edgewood Enterance	0.000					

Dust Monitoring Log

Amistad Academy
New Haven, Connecticut

Date	Time	Air-Monitoring Point	Location	Dust	Temperature	Weather	Activity	Notes	Actions Taken
6/1/2010	700	BKG	Rear Entrance	0.105	~67°F	Cloudy	Set up - new crew leader walkthrough		
		Point A	Chipping Area SWZ	0.120					
		Point B	Roll-Offs	0.105					
		Point C	Edgewood Enterance	0.150					
	800	BKG	Rear Entrance	0.076	~67°F	Cloudy	Taking out rolloff, sawing lower pre-cast panels		
		Point A	Chipping Area SWZ	0.010					
		Point B	Roll-Offs	0.088					
		Point C	Edgewood Enterance	0.036					
	900	BKG	Rear Entrance	0.182	~67°F	Cloudy	Taking out rolloff, sawing lower pre-cast panels		
		Point A	Chipping Area SWZ	0.057					
		Point B	Roll-Offs	0.111					
		Point C	Edgewood Enterance	0.057					
	1000	BKG	Rear Entrance	0.032	~67°F	Cloudy	Trimming Lower pre-cast panel		
		Point A	Chipping Area SWZ	0.033					
		Point B	Roll-Offs	0.051					
		Point C	Edgewood Enterance	0.034					
	1100	BKG	Rear Entrance	0.138	~75°F	Cloudy	Trimming lower pre-cast panel		
		Point A	Chipping Area SWZ	0.141					
		Point B	Roll-Offs	0.099					
		Point C	Edgewood Enterance	0.109					
	1200	BKG	Rear Entrance	0.055	~82°F	Sunny	Trimming lower pre-cast panel		
		Point A	Chipping Area SWZ	0.082					
		Point B	Roll-Offs	0.033					
		Point C	Edgewood Enterance	0.096					
	1300	BKG	Rear Entrance	0.076	~88°F	Sunny	Trimming Lower pre-cast panel		
		Point A	Chipping Area SWZ	0.109					
		Point B	Roll-Offs	0.081					
		Point C	Edgewood Enterance	0.044					
	1400	BKG	Rear Entrance	0.052	~88°F	Sunny	Trimming Lower pre-cast panel/ placing poly over mastic		
		Point A	Chipping Area SWZ	0.133					
		Point B	Tree Stump	0.073					
		Point C	Roll-Offs	0.022					
	1500	BKG	Rear Entrance	NR	~88°F	Rain/ Lightning	Clean up		
		Point A	Chipping Area SWZ	NR					
		Point B	Tree Stump	NR					
		Point C	Edgewood Enterance	NR					
6/2/2010	700	BKG	Rear Entrance	0.022	~66°F	Sunny	Set Up		
		Point A	Chipping Area SWZ	0.021					
		Point B	Tree Stump	0.022					
		Point C	Roll-Offs	0.026					
	800	BKG	Rear Entrance	0.035	~66°F	Sunny	Jackhammering lower pre-cast panels		
		Point A	Chipping Area SWZ	0.026					
		Point B	Roll-Offs	0.040					
		Point C	Edgewood Enterance	0.021					
	900	BKG	Rear Entrance	0.031	~66°F	Sunny	Jackhammering lower pre-cast panels		
		Point A	Chipping Area SWZ	0.028					
		Point B	Roll-Offs	0.044					
		Point C	Edgewood Enterance	0.020					
	1000	BKG	Rear Entrance	0.024	~66°F	Sunny	Jackhammering lower pre-cast panels		
		Point A	Chipping Area SWZ	0.016					
		Point B	Roll-Offs	0.066					
		Point C	Edgewood Enterance	0.003					
	1100	BKG	Rear Entrance	0.053	~66°F	Sunny	Jackhammering lower pre-cast panels		
		Point A	Chipping Area SWZ	0.058					
		Point B	Roll-Offs	0.046					
		Point C	Edgewood Enterance	0.012					
	1200	BKG	Rear Entrance	0.070	~66°F	Sunny	Jackhammering lower pre-cast panels		
		Point A	Chipping Area SWZ	0.034					
		Point B	Roll-Offs	0.000					
		Point C	Edgewood Enterance	0.022					
	1300	BKG	Rear Entrance	0.087	~70°F	Sunny	Jackhammering lower pre-cast panels		
		Point A	Chipping Area SWZ	0.139					
		Point B	Roll-Offs	0.090					
		Point C	Edgewood Enterance	0.024					
	1400	BKG	Rear Entrance	0.026	~72°F	Sunny	Jackhammering lower pre-cast panels		
		Point A	Chipping Area SWZ	0.065					
		Point B	Roll-Offs	0.011					
		Point C	Edgewood Enterance	0.002					
	1500	BKG	Rear Entrance	0.022	~72°F	Sunny	Clean up		
		Point A	Chipping Area SWZ	0.068					
		Point B	Roll-Offs	0.063					
		Point C	Edgewood Enterance	0.048					

Dust Monitoring Log

Amistad Academy
New Haven, Connecticut

Date	Time	Air-Monitoring Point	Location	Dust	Temperature	Weather	Activity	Notes	Actions Taken
6/3/2010	700	BKG	Rear Entrance	0.167	~66°F	Misting/ Cloudy	Setup		
		Point A	Chipping Area SWZ	0.116					
		Point B	Roll-Offs	0.106					
		Point C	Edgewood Enterance	0.049					
	800	BKG	Rear Entrance	0.102	~66°F	Misting/ Cloudy	Jackhammering lower pre-cast panels		
		Point A	Chipping Area SWZ	0.126					
		Point B	Roll-Offs	0.028					
		Point C	Edgewood Enterance	0.001					
	900	BKG	Rear Entrance	0.047	~66°F	Misting/ Cloudy	Jackhammering lower pre-cast panels		
		Point A	Chipping Area SWZ	0.085					
		Point B	Roll-Offs	0.063					
		Point C	Edgewood Enterance	0.029					
	1000	BKG	Rear Entrance	0.023	~66°F	Cloudy	Jackhammering lower pre-cast panels		
		Point A	Chipping Area SWZ	0.198					
		Point B	Roll-Offs	0.141					
		Point C	Edgewood Enterance	0.880					
	1100	BKG	Rear Entrance	0.058	~66°F	Cloudy	Jackhammering lower pre-cast panels	interference from vehicles	
		Point A	Chipping Area SWZ	0.158					
		Point B	Roll-Offs	0.039					
		Point C	Edgewood Enterance	0.012					
	1200	BKG	Rear Entrance	0.048	~66°F	Cloudy	Jackhammering lower pre-cast panels		
		Point A	Chipping Area SWZ	0.047					
		Point B	Roll-Offs	0.050					
		Point C	Edgewood Enterance	0.047					
	1300	BKG	Rear Entrance	0.040	~66°F	Cloudy	Jackhammering lower pre-cast panels		
		Point A	Chipping Area SWZ	0.054					
		Point B	Roll-Offs	0.021					
		Point C	Edgewood Enterance	0.018					
	1400	BKG	Rear Entrance	0.045	~66°F	Cloudy	Clean up		
		Point A	Chipping Area SWZ	0.028					
		Point B	Roll-Offs	0.330					
		Point C	Edgewood Enterance	0.038					
	1500	BKG	Rear Entrance	NR	~66°F	Cloudy	Manafort offsite		
		Point A	Chipping Area SWZ	NR					
		Point B	Roll-Offs	NR					
		Point C	Edgewood Enterance	NR					

Dust Monitoring Log

Amistad Academy
New Haven, Connecticut

Date	Time	Air-Monitoring Point	Location	Dust	Temperature	Weather	Activity	Notes	Actions Taken
6/4/2010	700	BKG	Rear Entrance	0.032	~69°F	Sunny	Setup		
		Point A	Chipping Area SWZ	0.028					
		Point B	Roll-Offs	0.024					
		Point C	Edgewood Enterance	0.000					
	800	BKG	Rear Entrance	0.083	~69°F	Sunny	Jackhammering lower pre-cast panels		
		Point A	Chipping Area SWZ	0.124					
		Point B	Roll-Offs	0.062					
		Point C	Edgewood Enterance	0.017					
	900	BKG	Rear Entrance	0.085	~69°F	Sunny	Jackhammering lower pre-cast panels		
		Point A	Chipping Area SWZ	0.100					
		Point B	Roll-Offs	0.430					
		Point C	Edgewood Enterance	0.041					
	1000	BKG	Rear Entrance	0.255	~72°F	Sunny	Jackhammering lower pre-cast panels	Construction	
		Point A	Chipping Area SWZ	0.029					
		Point B	Roll-Offs	0.008					
		Point C	Edgewood Enterance	0.000					
	1100	BKG	Rear Entrance	0.071	~74°F	Sunny	Jackhammering lower pre-cast panels		
		Point A	Chipping Area SWZ	0.074					
		Point B	Roll-Offs	0.020					
		Point C	Edgewood Enterance	0.012					
	1200	BKG	Rear Entrance	0.031	~76°F	Sunny	Jackhammering lower pre-cast panels		
		Point A	Chipping Area SWZ	0.021					
		Point B	Roll-Offs	0.021					
		Point C	Edgewood Enterance	0.019					
	1300	BKG	Rear Entrance	0.075	~78°F	Sunny	Jackhammering lower pre-cast panels		
		Point A	Chipping Area SWZ	0.091					
		Point B	Roll-Offs	0.017					
		Point C	Edgewood Enterance	0.018					
	1400	BKG	Rear Entrance	0.104	~80°F	Sunny	Clean up	Concrete vehicles	
		Point A	Chipping Area SWZ	0.129					
		Point B	Roll-Offs	0.148					
		Point C	Edgewood Enterance	0.870					
	1500	BKG	Rear Entrance	NR	~80°F	Sunny	Offsite		
		Point A	Chipping Area SWZ	NR					
		Point B	Roll-Offs	NR					
		Point C	Edgewood Enterance	NR					

Dust Monitoring Log

Amistad Academy
New Haven, Connecticut

Date	Time	Air-Monitoring Point	Location	Dust	Temperature	Weather	Activity	Notes	Actions Taken
6/7/2010	700	BKG	Rear Entrance	0.015	~58°F	Sunny	Set Up		
		Point A	Chipping Area SWZ	0.014					
		Point B	Roll-Offs	0.017					
		Point C	Edgewood Enterance	0.003					
	800	BKG	Rear Entrance	0.025	~58°F	Sunny	Removing Coping		
		Point A	Chipping Area SWZ	0.017					
		Point B	Roll-Offs	0.052					
		Point C	Edgewood Enterance	0.017					
	900	BKG	Rear Entrance	0.043	~60°F	Sunny	Unscrewing Upper Pre-Cast Panels		
		Point A	Chipping Area SWZ	0.016					
		Point B	Roll-Offs	0.008					
		Point C	Edgewood Enterance	0.000					
	1000	BKG	Rear Entrance	0.033	~60°F	Sunny	Removing Upper Pre Cast Panels		
		Point A	Chipping Area SWZ	0.030					
		Point B	Roll-Offs	0.019					
		Point C	Edgewood Enterance	0.012					
	1100	BKG	Rear Entrance	0.024	~69°F	Sunny	Removing Upper Pre Cast Panels		
		Point A	Chipping Area SWZ	0.033					
		Point B	Roll-Offs	0.010					
		Point C	Edgewood Enterance	0.000					
	1200	BKG	Rear Entrance	0.073	~69°F	Sunny	Removing Upper Pre Cast Panels		
		Point A	Chipping Area SWZ	0.051					
		Point B	Roll-Offs	0.028					
		Point C	Edgewood Enterance	0.020					
	1300	BKG	Rear Entrance	0.014	~69°F	Sunny	Removing Upper Pre Cast Panels		
		Point A	Chipping Area SWZ	0.008					
		Point B	Roll-Offs	0.012					
		Point C	Edgewood Enterance	0.016					
	1400	BKG	Rear Entrance	0.126	~69°F	Sunny	Removing Upper Pre Cast Panels		
		Point A	Chipping Area SWZ	0.064					
		Point B	Roll-Offs	0.009					
		Point C	Edgewood Enterance	0.008					
	1500	BKG	Rear Entrance	0.044	~70°F	Sunny	Clean up		
		Point A	Chipping Area SWZ	0.043					
		Point B	Roll-Offs	0.008					
		Point C	Edgewood Enterance	0.039					
6/8/2010	700	BKG	Rear Entrance	0.006	~57°F	Sunny	Set up		
		Point A	Chipping Area SWZ	0.002					
		Point B	Roll-Offs	0.010					
		Point C	Edgewood Enterance	0.009					
	800	BKG	Rear Entrance	0.045	~57°F	Sunny	Removing Upper/Lower Pre-Cast Panels		
		Point A	Chipping Area SWZ	0.045					
		Point B	Roll-Offs	0.022					
		Point C	Edgewood Enterance	0.034					
	900	BKG	Rear Entrance	0.032	~65°F	Sunny	Removing Upper/Lower Pre-Cast Panels		
		Point A	Chipping Area SWZ	0.015					
		Point B	Roll-Offs	0.021					
		Point C	Edgewood Enterance	0.022					
	1000	BKG	Rear Entrance	0.017	~70°F	Sunny	Removing Upper/Lower Pre-Cast Panels		
		Point A	Chipping Area SWZ	0.030					
		Point B	Roll-Offs	0.017					
		Point C	Edgewood Enterance	0.021					
	1100	BKG	Rear Entrance	0.025	~70°F	Sunny	Removing Upper/Lower Pre-Cast Panels		
		Point A	Chipping Area SWZ	0.014					
		Point B	Roll-Offs	0.028					
		Point C	Edgewood Enterance	0.022					
	1200	BKG	Rear Entrance	0.006	~70°F	Sunny	Removing Lower Pre Cast Panels		
		Point A	Chipping Area SWZ	0.005					
		Point B	Roll-Offs	0.008					
		Point C	Edgewood Enterance	0.009					
	1300	BKG	Rear Entrance	0.026	~70°F	Sunny	Removing Lower Pre Cast Panels		
		Point A	Chipping Area SWZ	0.017					
		Point B	Roll-Offs	0.015					
		Point C	Edgewood Enterance	0.012					
	1400	BKG	Rear Entrance	0.014	~70°F	Sunny	Removing Lower Pre Cast Panels		
		Point A	Chipping Area SWZ	0.018					
		Point B	Roll-Offs	0.004					
		Point C	Edgewood Enterance	0.002					
	1500	BKG	Rear Entrance	0.067	~70°F	Sunny	Clean up		
		Point A	Chipping Area SWZ	0.072					
		Point B	Roll-Offs	0.022					
		Point C	Edgewood Enterance	0.008					

Dust Monitoring Log

Amistad Academy
New Haven, Connecticut

Date	Time	Air-Monitoring Point	Location	Dust	Temperature	Weather	Activity	Notes	Actions Taken
6/9/2010	700	BKG	Rear Entrance	0.016	~54°F	Sunny	Removing Lower Pre Cast Panels		
		Point A	Chipping Area SWZ	0.034					
		Point B	Roll-Offs	0.022					
		Point C	Edgewood Enterance	0.019					
	800	BKG	Rear Entrance	0.021	~56°F	Sunny	Removing Lower Pre Cast Panels		
		Point A	Chipping Area SWZ	0.020					
		Point B	Roll-Offs	0.020					
		Point C	Edgewood Enterance	0.016					
	900	BKG	Rear Entrance	0.038	~60°F	Sunny	Removing Lower Pre Cast Panels		
		Point A	Chipping Area SWZ	0.021					
		Point B	Roll-Offs	0.012					
		Point C	Edgewood Enterance	0.014					
	1000	BKG	Rear Entrance	0.023	~60°F	Sunny	Removing Lower Pre Cast Panels		
		Point A	Chipping Area SWZ	0.029					
		Point B	Roll-Offs	0.009					
		Point C	Edgewood Enterance	0.011					
	1100	BKG	Rear Entrance	0.028	~60°F	Sunny	Cleaning		
		Point A	Chipping Area SWZ	0.007					
		Point B	Roll-Offs	0.004					
		Point C	Edgewood Enterance	0.000					
	1200	BKG	Rear Entrance	0.026	~62°F	Sunny	Removing Lower Pre Cast Panels		
		Point A	Chipping Area SWZ	0.031					
		Point B	Roll-Offs	0.016					
		Point C	Edgewood Enterance	0.016					
	1300	BKG	Rear Entrance	0.033	~62°F	Sunny	Removing Lower Pre Cast Panels		
		Point A	Chipping Area SWZ	0.019					
		Point B	Roll-Offs	0.018					
		Point C	Edgewood Enterance	0.010					
	1400	BKG	Rear Entrance	0.011	~62°F	cloudy	Removing Lower Pre Cast Panels		
		Point A	Chipping Area SWZ	0.009					
		Point B	Roll-Offs	0.014					
		Point C	Edgewood Enterance	0.014					
	1500	BKG	Rear Entrance	NR	~62°F	Rainy	Crew Leaving		
		Point A	Chipping Area SWZ	NR					
		Point B	Roll-Offs	NR					
		Point C	Edgewood Enterance	NR					
6/10/2010	700	BKG	Rear Entrance	0.018	~°59F	Rainy	Set Up		
		Point A	Chipping Area SWZ	0.016					
		Point B	Roll-Offs	0.020					
		Point C	Edgewood Enterance	0.019					
	800	BKG	Rear Entrance	0.034	~59°F	Rainy	Removing Headers/Bricks		
		Point A	Chipping Area SWZ	0.028					
		Point B	Roll-Offs	0.029					
		Point C	Edgewood Enterance	0.032					
	900	BKG	Rear Entrance	0.011	~59°F	Rainy	Removing Headers/Bricks		
		Point A	Chipping Area SWZ	0.015					
		Point B	Roll-Offs	0.008					
		Point C	Edgewood Enterance	0.017					
	1000	BKG	Rear Entrance	0.008	~59°F	Rainy	Removing Headers/Bricks		
		Point A	Chipping Area SWZ	0.031					
		Point B	Roll-Offs	0.020					
		Point C	Edgewood Enterance	0.018					
	1100	BKG	Rear Entrance	0.023	~68°F	Sunny	Removing Headers/Bricks		
		Point A	Chipping Area SWZ	0.017					
		Point B	Roll-Offs	0.016					
		Point C	Edgewood Enterance	0.017					
	1200	BKG	Rear Entrance	0.018	~68°F	Sunny	Removing Headers/Bricks		
		Point A	Chipping Area SWZ	0.017					
		Point B	Roll-Offs	0.009					
		Point C	Edgewood Enterance	0.012					
	1300	BKG	Rear Entrance	0.021	~68°F	Sunny	Removing Headers/Bricks		
		Point A	Chipping Area SWZ	0.035					
		Point B	Roll-Offs	0.019					
		Point C	Edgewood Enterance	0.015					
	1400	BKG	Rear Entrance	0.028	~68°F	Sunny	Clean up		
		Point A	Chipping Area SWZ	0.027					
		Point B	Roll-Offs	0.018					
		Point C	Edgewood Enterance	0.006					
	1500	BKG	Rear Entrance	NR	~68°F	Sunny	Manafort Offsite		
		Point A	Chipping Area SWZ	NR					
		Point B	Roll-Offs	NR					
		Point C	Edgewood Enterance	NR					

Dust Monitoring Log

Amistad Academy
New Haven, Connecticut

Date	Time	Air-Monitoring Point	Location	Dust	Temperature	Weather	Activity	Notes	Actions Taken
6/11/2010	700	BKG	Rear Entrance	0.026	~60°F	Sunny	Set Up		
		Point A	Chipping Area SWZ	0.021					
		Point B	Roll-Offs	0.020					
		Point C	Edgewood Enterance	0.016					
	800	BKG	Rear Entrance	0.027	~60°F	Sunny	Set Up		
		Point A	Western Edge of Building	0.028					
		Point B	Roll-Offs	0.020					
		Point C	Edgewood Enterance	0.013					
	900	BKG	Rear Entrance	0.028	~60°F	Cloudy	Loading Lower Pre-Cast Panels for disposal		
		Point A	Western Edge of Building	0.034					
		Point B	Roll-Offs	0.021					
		Point C	Edgewood Enterance	0.038					
	1000	BKG	Rear Entrance	0.026	~60°F	Cloudy	Jackhammering West Upper Pre-Cast Panels		
		Point A	Western Edge of Building	0.079					
		Point B	Roll-Offs	0.032					
		Point C	Edgewood Enterance	0.029					
	1100	BKG	Rear Entrance	0.018	~60°F	Cloudy	Loading Lower Pre-Cast Panels for disposal		
		Point A	Western Edge of Building	0.061					
		Point B	Roll-Offs	0.041					
		Point C	Edgewood Enterance	0.039					
	1200	BKG	Rear Entrance	0.022	~60°F	Cloudy	Jackhammering West Upper Pre-Cast Panels		
		Point A	Western Edge of Building	0.081					
		Point B	Roll-Offs	0.030					
		Point C	Edgewood Enterance	0.033					
	1300	BKG	Rear Entrance	0.043	~60°F	Sunny	Jackhammering West Upper Pre-Cast Panels		
		Point A	Western Edge of Building	0.086					
		Point B	Roll-Offs	0.008					
		Point C	Edgewood Enterance	0.017					
	1400	BKG	Rear Entrance	0.059	~60°F	Sunny	Jackhammering West Upper Pre-Cast Panels		
		Point A	Western Edge of Building	0.102					
		Point B	Roll-Offs	0.029					
		Point C	Edgewood Enterance	0.017					
	1500	BKG	Rear Entrance	NR	~60°F	Sunny	Manafort Offsite		
		Point A	Western Edge of Building	NR					
		Point B	Roll-Offs	NR					
		Point C	Edgewood Enterance	NR					

Dust Monitoring Log

Amistad Academy
New Haven, Connecticut

Date	Time	Air-Monitoring Point	Location	Dust	Temperature	Weather	Activity	Notes	Actions Taken
6/14/2010	700	BKG	Rear Entrance	0.052	~58°F	Cloudy	Set Up		
		Point A	Tree Stump	0.050					
		Point B	Roll-Offs	0.073					
		Point C	Edgewood Enterance	0.049					
	800	BKG	Rear Entrance	0.057	~58°F	Cloudy	Set up		
		Point A	Tree Stump	0.056					
		Point B	Roll-Offs	0.059					
		Point C	Edgewood Enterance	0.038					
	900	BKG	Rear Entrance	0.029	~60°F	Cloudy	Jackhammering West Upper Panels		
		Point A	Tree Stump	0.031					
		Point B	Roll-Offs	0.048					
		Point C	Edgewood Enterance	0.028					
	1000	BKG	Rear Entrance	0.082	~60°F	Cloudy	Jackhammering West Upper Panels		
		Point A	Tree Stump	0.123					
		Point B	Roll-Offs	0.043					
		Point C	Edgewood Enterance	0.014					
	1100	BKG	Rear Entrance	0.067	~69°F	Cloudy	Jackhammering West Upper Panels		
		Point A	Tree Stump	0.144					
		Point B	Roll-Offs	0.032					
		Point C	Edgewood Enterance	0.029					
	1200	BKG	Rear Entrance	0.051	~69°F	Sunny	Jackhammering West Upper Panels		
		Point A	Tree Stump	0.065					
		Point B	Roll-Offs	0.068					
		Point C	Edgewood Enterance	0.025					
	1300	BKG	Rear Entrance	0.053	~69°F	Sunny	Removing asbestos and brick		
		Point A	Tree Stump	0.071					
		Point B	Roll-Offs	0.026					
		Point C	Edgewood Enterance	0.018					
	1400	BKG	Rear Entrance	0.046	~69°F	Sunny	Removing asbestos and brick		
		Point A	Tree Stump	0.058					
		Point B	Roll-Offs	0.058					
		Point C	Edgewood Enterance	0.037					
	1500	BKG	Rear Entrance	0.218	~70°F	Sunny	Cleanup	High values from traffic	
		Point A	Tree Stump	0.144					
		Point B	Roll-Offs	0.121					
		Point C	Edgewood Enterance	0.038					
6/15/2010	700	BKG	Rear Entrance	0.027	~74°F	Sunny	Set up		
		Point A	Tree Stump	0.052					
		Point B	Roll-Offs	0.042					
		Point C	Edgewood Enterance	0.014					
	800	BKG	Rear Entrance	0.055	~74°F	Sunny	Removing asbestos and brick		
		Point A	Tree Stump	0.062					
		Point B	Roll-Offs	0.058					
		Point C	Edgewood Enterance	0.020					
	900	BKG	Rear Entrance	0.098	~74°F	Sunny	Removing asbestos and brick		
		Point A	Tree Stump	0.078					
		Point B	Roll-Offs	0.047					
		Point C	Edgewood Enterance	0.011					
	1000	BKG	Rear Entrance	0.074	~74°F	Sunny	Removing asbestos and brick		
		Point A	Tree Stump	0.083					
		Point B	Roll-Offs	0.071					
		Point C	Edgewood Enterance	0.022					
	1100	BKG	Rear Entrance	0.043	~74°F	Sunny	Removing asbestos and brick		
		Point A	Tree Stump	0.039					
		Point B	Roll-Offs	0.026					
		Point C	Edgewood Enterance	0.023					
	1200	BKG	Rear Entrance	0.055	~74°F	Sunny	Removing asbestos and brick		
		Point A	Tree Stump	0.043					
		Point B	Roll-Offs	0.039					
		Point C	Edgewood Enterance	0.043					
	1300	BKG	Rear Entrance	0.087	~74°F	Sunny	Removing asbestos and brick		
		Point A	Tree Stump	0.074					
		Point B	Roll-Offs	0.037					
		Point C	Edgewood Enterance	0.027					
	1400	BKG	Rear Entrance	0.036	~74°F	Sunny	Removing asbestos and brick		
		Point A	Tree Stump	0.028					
		Point B	Roll-Offs	0.029					
		Point C	Edgewood Enterance	0.015					
	1500	BKG	Rear Entrance	0.024	~74°F	Sunny	Clean Up		
		Point A	Tree Stump	0.022					
		Point B	Roll-Offs	0.019					
		Point C	Edgewood Enterance	0.016					

Dust Monitoring Log

Amistad Academy
New Haven, Connecticut

Date	Time	Air-Monitoring Point	Location	Dust	Temperature	Weather	Activity	Notes	Actions Taken
6/16/2010	700	BKG	Rear Entrance	0.038	~59°F	Sunny	Set Up		
		Point A	Tree Stump	0.018					
		Point B	Roll-Offs	0.014					
		Point C	Edgewood Enterance	0.017					
	800	BKG	Rear Entrance	0.034	~59°F	Sunny	Removing asbestos and brick		
		Point A	Tree Stump	0.074					
		Point B	Roll-Offs	0.026					
		Point C	Edgewood Enterance	0.023					
	900	BKG	Rear Entrance	0.058	~60°F	Sunny	Removing asbestos and brick		
		Point A	Tree Stump	0.057					
		Point B	Roll-Offs	0.050					
		Point C	Edgewood Enterance	0.043					
	1000	BKG	Rear Entrance	0.037	~60°F	Sunny	Removing asbestos and brick		
		Point A	Tree Stump	0.062					
		Point B	Roll-Offs	0.028					
		Point C	Edgewood Enterance	0.021					
	1100	BKG	Rear Entrance	0.028	~60°F	Sunny	Removing asbestos and brick		
		Point A	Tree Stump	0.070					
		Point B	Roll-Offs	0.037					
		Point C	Edgewood Enterance	0.009					
	1200	BKG	Rear Entrance	0.024	~62°F	Sunny	Removing asbestos and brick		
		Point A	Tree Stump	0.046					
		Point B	Roll-Offs	0.028					
		Point C	Edgewood Enterance	0.019					
	1300	BKG	Rear Entrance	0.073	~62°F	Cloudy	Removing asbestos and brick		
		Point A	Tree Stump	0.079					
		Point B	Roll-Offs	0.054					
		Point C	Edgewood Enterance	0.026					
	1400	BKG	Rear Entrance	0.029	~62°F	Cloudy	Clean Up	high traffic	
		Point A	Tree Stump	0.062					
		Point B	Roll-Offs	0.041					
		Point C	Edgewood Enterance	0.038					
	1500	BKG	Rear Entrance	0.036	~62°F	Cloudy	Clean Up		
		Point A	Tree Stump	0.027					
		Point B	Roll-Offs	0.044					
		Point C	Edgewood Enterance	0.030					
6/17/2010	700	BKG	SWZ	0.038	~°59F	Sunny	Set Up		
		Point A	Roll-Offs	0.020					
		Point B	Tree Stump	0.043					
		Point C	Edgewood Enterance	0.082					
	800	BKG	SWZ	0.033	~60°F	Sunny	Removing asbestos and brick		
		Point A	Roll-Offs	0.032					
		Point B	Tree Stump	0.067					
		Point C	Edgewood Enterance	0.022					
	900	BKG	SWZ	0.018	~62°F	Sunny	Removing asbestos and brick		
		Point A	Roll-Offs	0.038					
		Point B	Tree Stump	0.055					
		Point C	Edgewood Enterance	0.009					
	1000	BKG	SWZ	0.045	~64°F	Sunny	Removing asbestos and brick		
		Point A	Roll-Offs	0.039					
		Point B	Tree Stump	0.063					
		Point C	Edgewood Enterance	0.044					
	1100	BKG	SWZ	0.026	~68°F	Sunny	Removing asbestos and brick		
		Point A	Roll-Offs	0.029					
		Point B	Tree Stump	0.074					
		Point C	Edgewood Enterance	0.058					
	1200	BKG	SWZ	0.102	~72°F	Sunny	Removing asbestos and brick		
		Point A	Roll-Offs	0.090					
		Point B	Tree Stump	0.078					
		Point C	Edgewood Enterance	0.003					
	1300	BKG	SWZ	0.038	~72°F	Sunny	Removing asbestos and brick		
		Point A	Roll-Offs	0.054					
		Point B	Tree Stump	0.047					
		Point C	Edgewood Enterance	0.036					
	1400	BKG	SWZ	0.070	~70°F	Sunny	Removing asbestos and brick		
		Point A	Roll-Offs	0.055					
		Point B	Tree Stump	0.049					
		Point C	Edgewood Enterance	0.015					
	1500	BKG	SWZ	0.026	~72°F	Sunny	Clean Up		
		Point A	Roll-Offs	0.020					
		Point B	Tree Stump	0.020					
		Point C	Edgewood Enterance	0.018					

Dust Monitoring Log

Amistad Academy
New Haven, Connecticut

Date	Time	Air-Monitoring Point	Location	Dust	Temperature	Weather	Activity	Notes	Actions Taken
6/18/2010	700	BKG	SWZ	0.006	~64°F	Sunny	Set Up		
		Point A	Roll-Offs	0.021					
		Point B	Tree Stump	0.020					
		Point C	Edgewood Enterance	0.018					
	800	BKG	SWZ	0.014	~70°F	Sunny	Removing Soil		
		Point A	Roll-Offs	0.028					
		Point B	Tree Stump	0.066					
		Point C	Edgewood Enterance	0.016					
	900	BKG	SWZ	0.047	~76°F	Cloudy	Removing Soil		
		Point A	Roll-Offs	0.049					
		Point B	Tree Stump	0.040					
		Point C	Edgewood Enterance	0.033					
	1000	BKG	SWZ	0.062	~76°F	Cloudy	Removing Soil		
		Point A	Roll-Offs	0.034					
		Point B	Tree Stump	0.045					
		Point C	Edgewood Enterance	0.023					
	1100	BKG	SWZ	0.041	~76°F	Cloudy	Removing Soil	traffic	
		Point A	Roll-Offs	0.033					
		Point B	Tree Stump	0.024					
		Point C	Edgewood Enterance	0.011					
	1200	BKG	SWZ	0.047	~76°F	Cloudy	Removing Soil	traffic	
		Point A	Roll-Offs	0.075					
		Point B	Tree Stump	0.028					
		Point C	Edgewood Enterance	0.007					
	1300	BKG	SWZ	0.045	~76°F	Sunny	Removing Soil	traffic	
		Point A	Roll-Offs	0.055					
		Point B	Tree Stump	0.031					
		Point C	Edgewood Enterance	0.059					
	1400	BKG	SWZ	0.049	~76°F	Sunny	Removing Soil	traffic	
		Point A	Roll-Offs	0.123					
		Point B	Tree Stump	0.094					
		Point C	Edgewood Enterance	0.035					
	1500	BKG	SWZ	0.069	~76°F	Sunny	Clean Up	traffic	
		Point A	Roll-Offs	0.078					
		Point B	Tree Stump	0.076					
		Point C	Edgewood Enterance	0.029					

Dust Monitoring Log

Amistad Academy
New Haven, Connecticut

Date	Time	Air-Monitoring Point	Location	Dust	Temperature	Weather	Activity	Notes	Actions Taken
6/21/2010	700	BKG	Rear Entrance	0.028	~74°F	Sunny	Set Up		
		Point A	Tree Stump	0.031					
		Point B	Roll-Offs	0.018					
		Point C	Edgewood Enterance	0.025					
	800	BKG	Rear Entrance	0.038	~78°F	Sunny	Removing Soil		
		Point A	Tree Stump	0.026					
		Point B	Roll-Offs	0.044					
		Point C	Edgewood Enterance	0.022					
	900	BKG	Rear Entrance	0.027	~80°F	Sunny	Removing Soil		
		Point A	Tree Stump	0.017					
		Point B	Roll-Offs	0.039					
		Point C	Edgewood Enterance	0.029					
	1000	BKG	Rear Entrance	0.057	~80°F	Sunny	Removing Soil		
		Point A	Tree Stump	0.048					
		Point B	Roll-Offs	0.059					
		Point C	Edgewood Enterance	0.043					
	1100	BKG	Rear Entrance	0.025	~85°F	Sunny	Removing Soil		
		Point A	Tree Stump	0.020					
		Point B	Roll-Offs	0.048					
		Point C	Edgewood Enterance	0.027					
	1200	BKG	Rear Entrance	0.018	~85°F	Sunny	Removing Soil		
		Point A	Tree Stump	0.013					
		Point B	Roll-Offs	0.022					
		Point C	Edgewood Enterance	0.011					
	1300	BKG	Rear Entrance	0.038	~85°F	Sunny	Removing Soil		
		Point A	Tree Stump	0.041					
		Point B	Roll-Offs	0.033					
		Point C	Edgewood Enterance	0.030					
	1400	BKG	Rear Entrance	0.026	~85°F	Sunny	Removing Soil		
		Point A	Tree Stump	0.026					
		Point B	Roll-Offs	0.027					
		Point C	Edgewood Enterance	0.023					
	1500	BKG	Rear Entrance	0.040	~83°F	Sunny	Clean Up		
		Point A	Tree Stump	0.032					
		Point B	Roll-Offs	0.043					
		Point C	Edgewood Enterance	0.013					
6/22/2010	700	BKG	Rear Entrance	0.028	~72°F	Sunny	Set Up		
		Point A	Tree Stump	0.025					
		Point B	Roll-Offs	0.017					
		Point C	Edgewood Enterance	0.021					
	800	BKG	Rear Entrance	0.047	~74°F	Sunny	Remove soil		
		Point A	Tree Stump	0.076					
		Point B	Roll-Offs	0.042					
		Point C	Edgewood Enterance	0.039					
	900	BKG	Rear Entrance	0.037	~76°F	Sunny	Remove soil		
		Point A	Tree Stump	0.068					
		Point B	Roll-Offs	0.032					
		Point C	Edgewood Enterance	0.029					
	1000	BKG	Rear Entrance	0.079	~78°F	Sunny	Jackhammer Foundation		
		Point A	Tree Stump	0.094					
		Point B	Roll-Offs	0.055					
		Point C	Edgewood Enterance	0.031					
	1100	BKG	Rear Entrance	0.033	~80°F	Sunny	Jackhammer Foundation		
		Point A	Tree Stump	0.051					
		Point B	Roll-Offs	0.039					
		Point C	Edgewood Enterance	0.026					
	1200	BKG	Rear Entrance	0.058	~82°F	Sunny	Jackhammer Foundation	traffic	
		Point A	Tree Stump	0.059					
		Point B	Roll-Offs	0.082					
		Point C	Edgewood Enterance	0.038					
	1300	BKG	Rear Entrance	0.072	~84°F	Sunny	Jackhammer Foundation		
		Point A	Tree Stump	0.029					
		Point B	Roll-Offs	0.027					
		Point C	Edgewood Enterance	0.032					
	1400	BKG	Rear Entrance	0.084	~84°F	Sunny	Jackhammer Foundation		
		Point A	Tree Stump	0.098					
		Point B	Roll-Offs	0.053					
		Point C	Edgewood Enterance	0.018					
	1500	BKG	Rear Entrance	0.024	~84°F	Sunny	Clean Up		
		Point A	Tree Stump	0.027					
		Point B	Roll-Offs	0.022					
		Point C	Edgewood Enterance	0.019					

Dust Monitoring Log

Amistad Academy
New Haven, Connecticut

Date	Time	Air-Monitoring Point	Location	Dust	Temperature	Weather	Activity	Notes	Actions Taken
6/23/2010	700	BKG	Rear Entrance	0.012	~72°F	Cloudy	Set Up		
		Point A	Tree Stump	0.010					
		Point B	Roll-Offs	0.018					
		Point C	Edgewood Enterance	0.004					
	800	BKG	Rear Entrance	0.023	~74°F	Cloudy	Jackhammer Foundation		
		Point A	Tree Stump	0.019					
		Point B	Roll-Offs	0.028					
		Point C	Edgewood Enterance	0.013					
	900	BKG	Rear Entrance	0.024	~74°F	Sunny	Jackhammer Foundation		
		Point A	Tree Stump	0.032					
		Point B	Roll-Offs	0.030					
		Point C	Edgewood Enterance	0.022					
	1000	BKG	Rear Entrance	0.039	~76°F	Sunny	Jackhammer Foundation		
		Point A	Tree Stump	0.026					
		Point B	Roll-Offs	0.028					
		Point C	Edgewood Enterance	0.013					
	1100	BKG	Rear Entrance	0.028	~80°F	Sunny	asbestos abatement		
		Point A	Tree Stump	0.038					
		Point B	Roll-Offs	0.047					
		Point C	Edgewood Enterance	0.018					
	1200	BKG	Rear Entrance	0.022	~85°F	Sunny	asbestos abatement		
		Point A	Tree Stump	0.029					
		Point B	Roll-Offs	0.026					
		Point C	Edgewood Enterance	0.009					
	1300	BKG	Rear Entrance	0.055	~85°F	Sunny	asbestos abatement	traffic	
		Point A	Tree Stump	0.042					
		Point B	Roll-Offs	0.063					
		Point C	Edgewood Enterance	0.034					
	1400	BKG	Rear Entrance	0.035	~85°F	Sunny	asbestos abatement	traffic	
		Point A	Tree Stump	0.031					
		Point B	Roll-Offs	0.039					
		Point C	Edgewood Enterance	0.039					
	1500	BKG	Rear Entrance	0.041	~85°F	Sunny	Clean Up		
		Point A	Tree Stump	0.033					
		Point B	Roll-Offs	0.045					
		Point C	Edgewood Enterance	0.012					
6/24/2010	700	BKG	SWZ	0.012	~79°F	Sunny	Set Up		
		Point A	Roll-Offs	0.020					
		Point B	Tree Stump	0.034					
		Point C	Edgewood Enterance	0.004					
	800	BKG	SWZ	0.029	~82°F	Sunny	asbestos abatement		
		Point A	Roll-Offs	0.038					
		Point B	Tree Stump	0.064					
		Point C	Edgewood Enterance	0.026					
	900	BKG	SWZ	0.028	~84°F	Sunny	asbestos abatement		
		Point A	Roll-Offs	0.025					
		Point B	Tree Stump	0.047					
		Point C	Edgewood Enterance	0.024					
	1000	BKG	SWZ	0.052	~86°F	Sunny	asbestos abatement		
		Point A	Roll-Offs	0.041					
		Point B	Tree Stump	0.047					
		Point C	Edgewood Enterance	0.027					
	1100	BKG	SWZ	0.121	~90°F	Sunny	asbestos abatement	traffic	
		Point A	Roll-Offs	0.093					
		Point B	Tree Stump	0.111					
		Point C	Edgewood Enterance	0.025					
	1200	BKG	SWZ	0.037	~90°F	Sunny	asbestos abatement		
		Point A	Roll-Offs	0.048					
		Point B	Tree Stump	0.063					
		Point C	Edgewood Enterance	0.021					
	1300	BKG	SWZ	0.034	~90°F	Sunny	asbestos abatement		
		Point A	Roll-Offs	0.027					
		Point B	Tree Stump	0.059					
		Point C	Edgewood Enterance	0.012					
	1400	BKG	SWZ	0.031	~88°F	Rain	asbestos abatement		
		Point A	Roll-Offs	0.037					
		Point B	Tree Stump	0.024					
		Point C	Edgewood Enterance	0.015					
	1500	BKG	SWZ	0.022	~90°F	Cloudy	Clean Up		
		Point A	Roll-Offs	0.016					
		Point B	Tree Stump	0.036					
		Point C	Edgewood Enterance	0.017					

Dust Monitoring Log

Amistad Academy
New Haven, Connecticut

Date	Time	Air-Monitoring Point	Location	Dust	Temperature	Weather	Activity	Notes	Actions Taken
6/25/2010	700	BKG	Chipping Area SWZ	0.018	~80°F	Sunny	Set up		
		Point A	Roll-Offs	0.015					
		Point B	Tree Stump	0.009					
		Point C	Edgewood Enterance	0.002					
	800	BKG	Chipping Area SWZ	0.064	~84°F	Sunny	asbestos abatement		
		Point A	Roll-Offs	0.038					
		Point B	Tree Stump	0.057					
		Point C	Edgewood Enterance	0.030					
	900	BKG	Chipping Area SWZ	0.013	~84°F	Sunny	Brick Removal		
		Point A	Roll-Offs	0.019					
		Point B	Tree Stump	0.020					
		Point C	Edgewood Enterance	0.008					
	1000	BKG	Chipping Area SWZ	0.038	~84°F	Sunny	Jackhammer Concrete Pad		
		Point A	Roll-Offs	0.037					
		Point B	Tree Stump	0.047					
		Point C	Edgewood Enterance	0.024					
	1100	BKG	Chipping Area SWZ	0.027	~84°F	Sunny	Jackhammer Concrete Pad		
		Point A	Roll-Offs	0.047					
		Point B	Tree Stump	0.048					
		Point C	Edgewood Enterance	0.036					
	1200	BKG	Chipping Area SWZ	0.035	~84°F	Sunny	Jackhammer Concrete Pad		
		Point A	Roll-Offs	0.056					
		Point B	Tree Stump	0.036					
		Point C	Edgewood Enterance	0.023					
	1300	BKG	Chipping Area SWZ	0.031	~84°F	Sunny	Jackhammer Concrete Pad		
		Point A	Roll-Offs	0.044					
		Point B	Tree Stump	0.025					
		Point C	Edgewood Enterance	0.027					
	1400	BKG	Chipping Area SWZ	0.056	~87°F	Sunny	Jackhammer Concrete Pad		
		Point A	Roll-Offs	0.047					
		Point B	Tree Stump	0.104					
		Point C	Edgewood Enterance	0.050					
	1500	BKG	Chipping Area SWZ	0.038	~90°F	Sunny	Clean Up		
		Point A	Roll-Offs	0.026					
		Point B	Tree Stump	0.027					
		Point C	Edgewood Enterance	0.017					

Dust Monitoring Log

Amistad Academy
New Haven, Connecticut

Date	Time	Air-Monitoring Point	Location	Dust	Temperature	Weather	Activity	Notes	Actions Taken
6/28/2010	700	BKG	SWZ	0.027	~80°F	Sunny	Set Up		
		Point A	Roll-Offs	0.035					
		Point B	Tree Stump	0.016					
		Point C	Edgewood Enterance	0.019					
	800	BKG	SWZ	0.024	~84°F	Sunny	Jackhammering Concrete Pad		
		Point A	Roll-Offs	0.037					
		Point B	Tree Stump	0.042					
		Point C	Edgewood Enterance	0.014					
	900	BKG	SWZ	0.024	~84°F	Sunny	Jackhammering Concrete Pad		
		Point A	Roll-Offs	0.021					
		Point B	Tree Stump	0.018					
		Point C	Edgewood Enterance	0.011					
	1000	BKG	SWZ	0.025	~84°F	Sunny	Loading Rolloffs		
		Point A	Roll-Offs	0.031					
		Point B	Tree Stump	0.030					
		Point C	Edgewood Enterance	0.032					
	1100	BKG	SWZ	0.028	~84°F	Sunny	Jackhammering brick		
		Point A	Roll-Offs	0.038					
		Point B	Tree Stump	0.039					
		Point C	Edgewood Enterance	0.021					
	1200	BKG	SWZ	0.055	~84°F	Sunny	Jackhammering brick		
		Point A	Roll-Offs	0.058					
		Point B	Tree Stump	0.059					
		Point C	Edgewood Enterance	0.035					
	1300	BKG	SWZ	0.038	~84°F	Sunny	Jackhammering brick		
		Point A	Roll-Offs	0.057					
		Point B	Tree Stump	0.068					
		Point C	Edgewood Enterance	0.042					
	1400	BKG	SWZ	0.032	~86°F	Sunny	Jackhammering Brick		
		Point A	Roll-Offs	0.031					
		Point B	Tree Stump	0.018					
		Point C	Edgewood Enterance	0.019					
	1500	BKG	SWZ	0.021	~84°F	Cloudy	Clean Up		
		Point A	Roll-Offs	0.012					
		Point B	Tree Stump	0.014					
		Point C	Edgewood Enterance	0.009					
6/29/2010	700	BKG	SWZ	0.005	~77°F	Cloudy	Set Up		
		Point A	Roll-Offs	0.009					
		Point B	Tree Stump	0.003					
		Point C	Edgewood Enterance	0.010					
	800	BKG	SWZ	0.014	~77°F	Cloudy	Brick Soil Removal		
		Point A	Roll-Offs	0.023					
		Point B	Northwest doorway	0.018					
		Point C	Edgewood Enterance	0.008					
	900	BKG	SWZ	0.024	~80°F	Sunny	Brick Soil Removal		
		Point A	Roll-Offs	0.034					
		Point B	Northwest doorway	0.013					
		Point C	Edgewood Enterance	0.002					
	1000	BKG	SWZ	0.038	~82°F	Sunny	Upper Pre-Cast		
		Point A	Roll-Offs	0.041					
		Point B	Northwest doorway	0.012					
		Point C	Edgewood Enterance	0.024					
	1100	BKG	SWZ	0.051	~82°F	Sunny	Upper Pre-Cast		
		Point A	Roll-Offs	0.033					
		Point B	Northwest doorway	0.019					
		Point C	Edgewood Enterance	0.021					
	1200	BKG	SWZ	0.023	~83°F	Sunny	Upper Pre-Cast		
		Point A	Roll-Offs	0.058					
		Point B	Northwest doorway	0.021					
		Point C	Edgewood Enterance	0.018					
	1300	BKG	SWZ	0.018	~83°F	Sunny	Upper Pre-Cast		
		Point A	Roll-Offs	0.025					
		Point B	Northwest doorway	0.020					
		Point C	Edgewood Enterance	0.011					
	1400	BKG	SWZ	0.045	~83°F	Sunny	Upper Pre-Cast	wind/traffic	
		Point A	Roll-Offs	0.074					
		Point B	Northwest doorway	0.029					
		Point C	Edgewood Enterance	0.012					
	1500	BKG	SWZ	0.016	~83°F	Sunny	Clean Up		
		Point A	Roll-Offs	0.061					
		Point B	Northwest doorway	0.020					
		Point C	Edgewood Enterance	0.008					

Dust Monitoring Log

Amistad Academy
New Haven, Connecticut

Date	Time	Air-Monitoring Point	Location	Dust	Temperature	Weather	Activity	Notes	Actions Taken
6/30/2010	700	BKG	SWZ	0.018	~76°F	Sunny	Set Up		
		Point A	Roll-Offs	0.032					
		Point B	Northwest doorway	0.014					
		Point C	Edgewood Enterance	0.022					
	800	BKG	SWZ	0.024	~76°F	Sunny	Removing Brick/Panels		
		Point A	Roll-Offs	0.026					
		Point B	Northwest doorway	0.022					
		Point C	Edgewood Enterance	0.016					
	900	BKG	SWZ	0.015	~76°F	Sunny	Removing Upper Pre cast		
		Point A	Roll-Offs	0.017					
		Point B	Northwest doorway	0.021					
		Point C	Edgewood Enterance	0.012					
	1000	BKG	SWZ	0.009	~76°F	Sunny	Removing Upper Pre cast		
		Point A	Roll-Offs	0.012					
		Point B	Northwest doorway	0.029					
		Point C	Edgewood Enterance	0.006					
	1100	BKG	SWZ	0.043	~76°F	Sunny	Removing Upper Pre cast		
		Point A	Roll-Offs	0.026					
		Point B	Northwest doorway	0.019					
		Point C	Edgewood Enterance	0.034					
	1200	BKG	SWZ	0.011	~76°F	Sunny	Removing Upper Pre cast		
		Point A	Roll-Offs	0.013					
		Point B	Northwest doorway	0.041					
		Point C	Edgewood Enterance	0.039					
	1300	BKG	SWZ	0.029	~78°F	Sunny	Removing Upper Pre cast		
		Point A	Roll-Offs	0.010					
		Point B	Northwest doorway	0.014					
		Point C	Edgewood Enterance	0.011					
	1400	BKG	SWZ	0.023	~76°F	Sunny	Clean Up		
		Point A	Roll-Offs	0.008					
		Point B	Northwest doorway	0.031					
		Point C	Edgewood Enterance	0.001					
	1500	BKG	SWZ	NR	~76°F	Sunny	Manafort Offsite		
		Point A	Roll-Offs	NR					
		Point B	Northwest doorway	NR					
		Point C	Edgewood Enterance	NR					
7/1/2010	700	BKG	SWZ	0.017	~73°F	Sunny	Set Up		
		Point A	Roll-Offs	0.023					
		Point B	Courtyard	0.018					
		Point C	Edgewood Enterance	0.011					
	800	BKG	SWZ	0.038	~73°F	Sunny	Courtyard Frames		
		Point A	Roll-Offs	0.048					
		Point B	Courtyard	0.032					
		Point C	Edgewood Enterance	0.012					
	900	BKG	SWZ	0.075	~73°F	Sunny	Courtyard Frames		
		Point A	Roll-Offs	0.056					
		Point B	Courtyard	0.017					
		Point C	Edgewood Enterance	0.007					
	1000	BKG	SWZ	0.041	~73°F	Sunny	Courtyard Frames		
		Point A	Roll-Offs	0.024					
		Point B	Courtyard	0.009					
		Point C	Edgewood Enterance	0.002					
	1100	BKG	SWZ	0.065	~73°F	Sunny	Courtyard Frames		
		Point A	Roll-Offs	0.084					
		Point B	Courtyard	0.017					
		Point C	Edgewood Enterance	0.008					
	1200	BKG	SWZ	0.083	~73°F	Sunny	Courtyard Frames		
		Point A	Roll-Offs	0.072					
		Point B	Courtyard	0.030					
		Point C	Edgewood Enterance	0.026					
	1300	BKG	SWZ	0.025	~73°F	Sunny	Courtyard Frames		
		Point A	Roll-Offs	0.027					
		Point B	Courtyard	0.016					
		Point C	Edgewood Enterance	0.006					
	1400	BKG	SWZ	0.028	~73°F	Sunny	Clean Up		
		Point A	Roll-Offs	0.023					
		Point B	Courtyard	0.023					
		Point C	Edgewood Enterance	0.001					
	1500	BKG	SWZ	NR	~73°F	Cloudy	Clean Up		
		Point A	Roll-Offs	NR					
		Point B	Courtyard	NR					
		Point C	Edgewood Enterance	NR					

Dust Monitoring Log

Amistad Academy
New Haven, Connecticut

Date	Time	Air-Monitoring Point	Location	Dust	Temperature	Weather	Activity	Notes	Actions Taken
7/2/2010	700	BKG	SWZ	0.022	~65°F	Sunny	Set Up		
		Point A	Roll-Offs	0.039					
		Point B	Courtyard	0.007					
		Point C	Edgewood Enterance	0.010					
	800	BKG	SWZ	0.027	~66°F	Sunny	Courtyard Frames	dry w/ wind	
		Point A	Roll-Offs	0.030					
		Point B	Courtyard	0.020					
		Point C	Edgewood Enterance	0.004					
	900	BKG	SWZ	0.072	~72°F	Sunny	Courtyard Frames	dry w/ wind	
		Point A	Roll-Offs	0.077					
		Point B	Courtyard	0.029					
		Point C	Edgewood Enterance	0.042					
	1000	BKG	SWZ	0.054	~72°F	Sunny	Courtyard Frames	dry w/ wind	
		Point A	Roll-Offs	0.065					
		Point B	Courtyard	0.032					
		Point C	Edgewood Enterance	0.022					
	1100	BKG	SWZ	0.029	~80°F	Sunny	Courtyard Frames	dry w/ wind	
		Point A	Roll-Offs	0.047					
		Point B	Courtyard	0.021					
		Point C	Edgewood Enterance	0.018					
	1200	BKG	SWZ	0.038	~80°F	Sunny	Courtyard Frames		
		Point A	Roll-Offs	0.037					
		Point B	Courtyard	0.011					
		Point C	Edgewood Enterance	0.014					
	1300	BKG	SWZ	0.022	~80°F	Sunny	Courtyard Frames		
		Point A	Roll-Offs	0.022					
		Point B	Courtyard	0.014					
		Point C	Edgewood Enterance	0.016					
	1400	BKG	SWZ	NR	~°F	Sunny	Manafort Offsite		
		Point A	Roll-Offs	NR					
		Point B	Courtyard	NR					
		Point C	Edgewood Enterance	NR					
	1500	BKG	SWZ	NR	~°F	Sunny	Manafort Offsite		
		Point A	Roll-Offs	NR					
		Point B	Courtyard	NR					
		Point C	Edgewood Enterance	NR					

Dust Monitoring Log

Amistad Academy
New Haven, Connecticut

Date	Time	Air-Monitoring Point	Location	Dust	Temperature	Weather	Activity	Notes	Actions Taken
7/6/2010	700	BKG	SWZ	0.043	~80°F	Sunny	Set Up		
		Point A	Roll-Offs	0.056					
		Point B	Courtyard	0.041					
		Point C	Edgewood Enterance	0.029					
	800	BKG	SWZ	0.091	~84°F	Sunny	Removing Brick/Upper Pre-Cast Panels		
		Point A	Roll-Offs	0.098					
		Point B	Courtyard	0.086					
		Point C	Edgewood Enterance	0.034					
	900	BKG	SWZ	0.104	~90°F	Sunny	Removing Upper Pre Cast in Court.		
		Point A	Roll-Offs	0.126					
		Point B	Courtyard	0.099					
		Point C	Edgewood Enterance	0.042					
	1000	BKG	SWZ	0.072	~94°F	Sunny	Removing Upper Pre Cast in Court.		
		Point A	Roll-Offs	0.074					
		Point B	Courtyard	0.060					
		Point C	Edgewood Enterance	0.025					
	1100	BKG	SWZ	0.051	~96°F	Sunny	Removing Upper Pre Cast in Court.		
		Point A	Roll-Offs	0.068					
		Point B	Courtyard	0.082					
		Point C	Edgewood Enterance	0.017					
	1200	BKG	SWZ	0.038	~98°F	Sunny	Removing Upper Pre Cast in Court.		
		Point A	Roll-Offs	0.051					
		Point B	Courtyard	0.050					
		Point C	Edgewood Enterance	0.021					
	1300	BKG	SWZ	0.143	~98°F	Sunny	Removing Upper Pre Cast in Court.		
		Point A	Roll-Offs	0.129					
		Point B	Courtyard	0.132					
		Point C	Edgewood Enterance	0.041					
	1400	BKG	SWZ	0.106	~98°F	Sunny	Removing Upper Pre Cast in Court.		
		Point A	Roll-Offs	0.116					
		Point B	Courtyard	0.081					
		Point C	Edgewood Enterance	0.024					
	1500	BKG	SWZ	NR	~100°F	Sunny	Manafort Offsite		
		Point A	Roll-Offs	NR					
		Point B	Courtyard	NR					
		Point C	Edgewood Enterance	NR					
7/7/2010	600	BKG	SWZ	0.014	~78°F	Sunny	Set Up		
		Point A	Roll-Offs	0.020					
		Point B	Courtyard	0.016					
		Point C	Edgewood Enterance	0.008					
	700	BKG	SWZ	0.042	~80°F	Sunny	Removing Upper Pre Cast in Court.		
		Point A	Roll-Offs	0.038					
		Point B	Courtyard	0.061					
		Point C	Edgewood Enterance	0.012					
	800	BKG	SWZ	0.076	~84°F	Sunny	Removing Upper Pre Cast in Court.		
		Point A	Roll-Offs	0.069					
		Point B	Courtyard	0.091					
		Point C	Edgewood Enterance	0.038					
	900	BKG	SWZ	0.104	~86°F	Sunny	Removing Upper Pre Cast in Court.		
		Point A	Roll-Offs	0.084					
		Point B	Courtyard	0.099					
		Point C	Edgewood Enterance	0.035					
	1000	BKG	SWZ	0.044	~92°F	Sunny	Removing Upper Pre Cast in Court.		
		Point A	Roll-Offs	0.039					
		Point B	Courtyard	0.078					
		Point C	Edgewood Enterance	0.023					
	1100	BKG	SWZ	0.047	~96°F	Sunny	Removing Upper Pre Cast in Court.		
		Point A	Roll-Offs	0.047					
		Point B	Courtyard	0.029					
		Point C	Edgewood Enterance	0.017					
	1200	BKG	SWZ	0.098	~96°F	Sunny	Removing Upper Pre Cast in Court.		
		Point A	Roll-Offs	0.103					
		Point B	Courtyard	0.121					
		Point C	Edgewood Enterance	0.053					
	1300	BKG	SWZ	0.077	~96°F	Sunny	Removing Upper Pre Cast in Court.		
		Point A	Roll-Offs	0.079					
		Point B	Courtyard	0.054					
		Point C	Edgewood Enterance	0.019					
	1400	BKG	SWZ	NR	~96°F	Sunny	Manafort Offsite		
		Point A	Roll-Offs	NR					
		Point B	Courtyard	NR					
		Point C	Edgewood Enterance	NR					

Dust Monitoring Log

Amistad Academy
New Haven, Connecticut

Date	Time	Air-Monitoring Point	Location	Dust	Temperature	Weather	Activity	Notes	Actions Taken
7/8/2010	600	BKG	SWZ	0.023	~78°F	Cloudy	Set Up		
		Point A	Roll-Offs	0.019					
		Point B	Courtyard	0.034					
		Point C	Edgewood Enterance	0.008					
	700	BKG	SWZ	0.019	~80°F	Cloudy	Removing Upper Pre Cast in Court.		
		Point A	Roll-Offs	0.029					
		Point B	Courtyard	0.041					
		Point C	Edgewood Enterance	0.021					
	800	BKG	SWZ	0.023	~82°F	Cloudy	Removing Upper Pre Cast in Court.		
		Point A	Roll-Offs	0.018					
		Point B	Courtyard	0.043					
		Point C	Edgewood Enterance	0.012					
	900	BKG	SWZ	0.033	~82°F	Cloudy	Removing Upper Pre Cast in Court.		
		Point A	Roll-Offs	0.031					
		Point B	Courtyard	0.026					
		Point C	Edgewood Enterance	0.004					
	1000	BKG	SWZ	0.021	~82°F	Cloudy	Removing Upper Pre Cast in Court.		
		Point A	Roll-Offs	0.014					
		Point B	Courtyard	0.018					
		Point C	Edgewood Enterance	0.009					
	1100	BKG	SWZ	0.038	~80°F	Cloudy	Removing Upper Pre Cast in Court.		
		Point A	Roll-Offs	0.029					
		Point B	Courtyard	0.057					
		Point C	Edgewood Enterance	0.014					
	1200	BKG	SWZ	0.016	~80°F	Cloudy	Removing Upper Pre Cast in Court.		
		Point A	Roll-Offs	0.029					
		Point B	Courtyard	0.013					
		Point C	Edgewood Enterance	0.005					
	1300	BKG	SWZ	0.029	~82°F	Sunny	Removing Upper Pre Cast in Court.		
		Point A	Roll-Offs	0.044					
		Point B	Courtyard	0.035					
		Point C	Edgewood Enterance	0.011					
	1400	BKG	SWZ	NR	~82°F	Sunny	Manafort Leaving		
		Point A	Roll-Offs	NR					
		Point B	Courtyard	NR					
		Point C	Edgewood Enterance	NR					
7/9/2010	600	BKG	SWZ	0.021	~80°F	Sunny	Set Up		
		Point A	Roll-Offs	0.016					
		Point B	Courtyard	0.014					
		Point C	Edgewood Enterance	0.004					
	700	BKG	SWZ	0.009	~80°F	Sunny	Removing Upper Pre Cast in Court.		
		Point A	Roll-Offs	0.002					
		Point B	Courtyard	0.031					
		Point C	Edgewood Enterance	0.022					
	800	BKG	SWZ	0.019	82°F	Sunny	Removing Upper Pre Cast in Court.		
		Point A	Roll-Offs	0.022					
		Point B	Courtyard	0.880					
		Point C	Edgewood Enterance	0.000					
	900	BKG	SWZ	0.034	~82°F	Sunny	removing ceiling	wind	
		Point A	Roll-Offs	0.044					
		Point B	Courtyard	0.091					
		Point C	Edgewood Enterance	0.046					
	1000	BKG	SWZ	0.009	~82°F	Sunny	removing ceiling		
		Point A	Roll-Offs	0.037					
		Point B	Courtyard	0.073					
		Point C	Edgewood Enterance	0.027					
	1100	BKG	SWZ	0.002	~84°F	Sunny	Removing Upper Pre Cast in Court.		
		Point A	Roll-Offs	0.009					
		Point B	Courtyard	0.047					
		Point C	Edgewood Enterance	0.014					
	1200	BKG	SWZ	0.032	~84°F	Sunny	Removing Upper Pre Cast in Court.		
		Point A	Roll-Offs	0.036					
		Point B	Courtyard	0.054					
		Point C	Edgewood Enterance	0.024					
	1300	BKG	SWZ	0.028	~84°F	Sunny	Clean Up		
		Point A	Roll-Offs	0.013					
		Point B	Courtyard	0.027					
		Point C	Edgewood Enterance	0.022					
	1400	BKG	SWZ	NR	~84°F	Sunny	Manafort Leaving		
		Point A	Roll-Offs	NR					
		Point B	Courtyard	NR					
		Point C	Edgewood Enterance	NR					

Dust Monitoring Log

Amistad Academy
New Haven, Connecticut

Date	Time	Air-Monitoring Point	Location	Dust	Temperature	Weather	Activity	Notes	Actions Taken
7/12/2010	600	BKG	SWZ	0.009	~74°F	Sunny	Set Up		
		Point A	Roll-Offs	0.001					
		Point B	Courtyard	0.004					
		Point C	Edgewood Enterance	0.002					
	700	BKG	SWZ	0.014	~76°F	Sunny	Removing upper pre-cast panels cen. Court.		
		Point A	Roll-Offs	0.020					
		Point B	Courtyard	0.035					
		Point C	Edgewood Enterance	0.006					
	800	BKG	SWZ	0.026	~76°F	Sunny	Removing upper pre-cast panels cen. Court.		
		Point A	Roll-Offs	0.025					
		Point B	Courtyard	0.021					
		Point C	Edgewood Enterance	0.013					
	900	BKG	SWZ	0.029	~78°F	Sunny	Removing upper pre-cast panels cen. Court.		
		Point A	Roll-Offs	0.023					
		Point B	Courtyard	0.046					
		Point C	Edgewood Enterance	0.018					
	1000	BKG	SWZ	0.035	~81°F	Sunny	Removing upper pre-cast panels cen. Court.		
		Point A	Roll-Offs	0.042					
		Point B	Courtyard	0.028					
		Point C	Edgewood Enterance	0.011					
	1100	BKG	SWZ	0.019	~85°F	Sunny	Removing upper pre-cast panels cen. Court.		
		Point A	Roll-Offs	0.022					
		Point B	Courtyard	0.031					
		Point C	Edgewood Enterance	0.024					
	1200	BKG	SWZ	0.031	~85°F	Sunny	trimming steel	traffic	
		Point A	Roll-Offs	0.029					
		Point B	Courtyard	0.056					
		Point C	Edgewood Enterance	0.026					
	1300	BKG	SWZ	0.045	~85°F	Sunny	trimming steel	traffic	
		Point A	Roll-Offs	0.047					
		Point B	Courtyard	0.039					
		Point C	Edgewood Enterance	0.074					
	1400	BKG	SWZ	0.029	~85°F	Sunny	Clean Up		
		Point A	Roll-Offs	0.042					
		Point B	Courtyard	0.067					
		Point C	Edgewood Enterance	0.013					
7/13/2010	600	BKG	SWZ	0.002	~81°F	Sunny	Set Up		
		Point A	Roll-Offs	0.038					
		Point B	Courtyard	0.022					
		Point C	NW edge of Building	0.021					
	700	BKG	SWZ	0.052	~81°F	Sunny	trimming steel		
		Point A	Roll-Offs	0.021					
		Point B	Courtyard	0.014					
		Point C	NW edge of Building	0.007					
	800	BKG	SWZ	0.031	~81°F	Sunny	trimming steel		
		Point A	Roll-Offs	0.029					
		Point B	Courtyard	0.064					
		Point C	NW edge of Building	0.009					
	900	BKG	SWZ	0.017	~81°F	Sunny	trimming steel		
		Point A	Roll-Offs	0.014					
		Point B	Courtyard	0.031					
		Point C	NW edge of Building	0.011					
	1000	BKG	SWZ	0.033	~81°F	Sunny	trimming steel		
		Point A	Roll-Offs	0.032					
		Point B	Courtyard	0.042					
		Point C	NW edge of Building	0.014					
	1100	BKG	SWZ	0.047	~81°F	Sunny	trimming steel		
		Point A	Roll-Offs	0.042					
		Point B	Courtyard	0.067					
		Point C	NW edge of Building	0.022					
	1200	BKG	SWZ	0.021	~81°F	Sunny	trimming steel		
		Point A	Roll-Offs	0.032					
		Point B	Courtyard	0.049					
		Point C	NW edge of Building	0.018					
	1300	BKG	SWZ	0.031	~81°F	Sunny	trimming steel		
		Point A	Roll-Offs	0.048					
		Point B	Courtyard	0.021					
		Point C	NW edge of Building	0.021					
	1400	BKG	SWZ	0.084	~81°F	Sunny	Clean Up	traffic	
		Point A	Roll-Offs	0.062					
		Point B	Courtyard	0.018					
		Point C	NW edge of Building	0.031					

Dust Monitoring Log

Amistad Academy
New Haven, Connecticut

Date	Time	Air-Monitoring Point	Location	Dust	Temperature	Weather	Activity	Notes	Actions Taken
7/14/2010	600	BKG	SWZ	0.012	~76°F	Cloudy	Set Up		
		Point A	Roll-Offs	0.011					
		Point B	Courtyard	0.004					
		Point C	NW edge of Building	0.002					
	700	BKG	SWZ	0.000	~76°F	Rainy	Removing Fence to Western Court.		
		Point A	Roll-Offs	0.003					
		Point B	Courtyard	0.016					
		Point C	NW edge of Building	0.014					
	800	BKG	SWZ	0.011	~76°F	Rainy	Removing Fence to Western Court.		
		Point A	Roll-Offs	0.014					
		Point B	Courtyard	0.010					
		Point C	NW edge of Building	0.027					
	900	BKG	SWZ	0.016	~76°F	Rainy	Removing ceiling in western court.		
		Point A	Roll-Offs	0.017					
		Point B	Courtyard	0.012					
		Point C	NW edge of Building	0.033					
	1000	BKG	SWZ	0.016	~76°F	Cloudy	Removing ceiling in western court.		
		Point A	Roll-Offs	0.012					
		Point B	Courtyard	0.018					
		Point C	NW edge of Building	0.021					
	1100	BKG	SWZ	0.019	~76°F	Rainy	Jackhammering/ Removing Upper Pre Cast in West. Court		
		Point A	Roll-Offs	0.030					
		Point B	Courtyard	0.014					
		Point C	NW edge of Building	0.042					
	1200	BKG	SWZ	0.021	~76°F	Cloudy	Jackhammering/ Removing Upper Pre Cast in West. Court		
		Point A	Roll-Offs	0.019					
		Point B	Courtyard	0.011					
		Point C	NW edge of Building	0.032					
	1300	BKG	SWZ	0.013	~76°F	Rainy	Jackhammering/ Removing Upper Pre Cast in West. Court		
		Point A	Roll-Offs	0.013					
		Point B	Courtyard	0.012					
		Point C	NW edge of Building	0.018					
	1400	BKG	SWZ	0.018	~76°F	Cloudy	Clean Up		
		Point A	Roll-Offs	0.016					
		Point B	Courtyard	0.004					
		Point C	NW edge of Building	0.020					
7/15/2010	600	BKG	SWZ	0.013	~77°F	Cloudy	Set Up		
		Point A	Roll-Offs	0.012					
		Point B	Courtyard	0.008					
		Point C	NW edge of Building	0.018					
	700	BKG	SWZ	0.012	~77°F	Cloudy	Removing Window/door frames western court.		
		Point A	Roll-Offs	0.016					
		Point B	Courtyard	0.009					
		Point C	NW edge of Building	0.042					
	800	BKG	SWZ	0.014	~77°F	Cloudy	Removing Window/door frames western court.		
		Point A	Roll-Offs	0.019					
		Point B	Courtyard	0.022					
		Point C	NW edge of Building	0.039					
	900	BKG	SWZ	0.019	~77°F	Cloudy	Removing Window/door frames western court.		
		Point A	Roll-Offs	0.041					
		Point B	Courtyard	0.028					
		Point C	NW edge of Building	0.037					
	1000	BKG	SWZ	0.041	~77°F	Cloudy	Removing Window/door frames western court.		
		Point A	Roll-Offs	0.059					
		Point B	Courtyard	0.012					
		Point C	NW edge of Building	0.033					
	1100	BKG	SWZ	0.013	~83°F	Cloudy	Removing Window/door frames western court.		
		Point A	Roll-Offs	0.018					
		Point B	Courtyard	0.009					
		Point C	NW edge of Building	0.024					
	1200	BKG	SWZ	0.032	~83°F	Cloudy	Removing upper pre-cast panels western court.		
		Point A	Roll-Offs	0.017					
		Point B	Courtyard	0.028					
		Point C	NW edge of Building	0.059					
	1300	BKG	SWZ	0.029	~83°F	Cloudy	Removing upper pre-cast panels western court.	wind	
		Point A	Roll-Offs	0.011					
		Point B	Courtyard	0.048					
		Point C	NW edge of Building	0.039					
	1400	BKG	SWZ	0.011	~83°F	Cloudy	Clean Up	traffic	
		Point A	Roll-Offs	0.038					
		Point B	Courtyard	0.014					
		Point C	NW edge of Building	0.019					

Dust Monitoring Log

Amistad Academy
New Haven, Connecticut

Date	Time	Air-Monitoring Point	Location	Dust	Temperature	Weather	Activity	Notes	Actions Taken
7/16/2010	600	BKG	SWZ	0.024	~77°F	Sunny	Set Up		
		Point A	Roll-Offs	0.018					
		Point B	Courtyard	0.011					
		Point C	NW edge of Building	0.007					
	700	BKG	SWZ	0.034	~77°F	Sunny	Western Court. Window/frames		
		Point A	Roll-Offs	0.038					
		Point B	Courtyard	0.022					
		Point C	NW edge of Building	0.029					
	800	BKG	SWZ	0.029	~77°F	Sunny	Western Court. Window/frames		
		Point A	Roll-Offs	0.028					
		Point B	Courtyard	0.021					
		Point C	NW edge of Building	0.033					
	900	BKG	SWZ	0.067	~77°F	Sunny	Western Court. Window/frames		
		Point A	Roll-Offs	0.083					
		Point B	Courtyard	0.022					
		Point C	NW edge of Building	0.012					
	1000	BKG	SWZ	0.051	~80°F	Sunny	Western Court. Window/frames	outside traffic	
		Point A	Roll-Offs	0.050					
		Point B	Courtyard	0.021					
		Point C	NW edge of Building	0.067					
	1100	BKG	SWZ	0.055	~80°F	Sunny	Western Court. Upper pre-cast		
		Point A	Roll-Offs	0.061					
		Point B	Courtyard	0.019					
		Point C	NW edge of Building	0.046					
	1200	BKG	SWZ	0.037	~80°F	Sunny	Western Court. Upper pre-cast		
		Point A	Roll-Offs	0.044					
		Point B	Courtyard	0.016					
		Point C	NW edge of Building	0.028					
	1300	BKG	SWZ	0.039	~80°F	Sunny	Western Court. Upper pre-cast		
		Point A	Roll-Offs	0.038					
		Point B	Courtyard	0.018					
		Point C	NW edge of Building	0.018					
	1400	BKG	SWZ	0.032	~80°F	Sunny	Clean Up		
		Point A	Roll-Offs	0.029					
		Point B	Courtyard	0.016					
		Point C	NW edge of Building	0.008					

Dust Monitoring Log

Amistad Academy
New Haven, Connecticut

Date	Time	Air-Monitoring Point	Location	Dust	Temperature	Weather	Activity	Notes	Actions Taken
7/19/2010	600	BKG	SWZ	0.017	~74°F	Sunny	Set Up		
		Point A	Eastern Courtyard	0.025					
		Point B	Courtyard	0.014					
		Point C	Edgewood Enterance	0.007					
	700	BKG	SWZ	0.029	~74°F	Sunny	Removing Window/door frame in Eastern Court.		
		Point A	Eastern Courtyard	0.054					
		Point B	Courtyard	0.017					
		Point C	Edgewood Enterance	0.011					
	800	BKG	SWZ	0.056	~74°F	Sunny	Removing Window/door frame in Eastern Court.	wind	
		Point A	Eastern Courtyard	0.102					
		Point B	Courtyard	0.039					
		Point C	Edgewood Enterance	0.026					
	900	BKG	SWZ	0.036	~72°F	Cloudy	removing upper pre-cast eastern court.		
		Point A	Eastern Courtyard	0.044					
		Point B	Courtyard	0.021					
		Point C	Edgewood Enterance	0.019					
	1000	BKG	SWZ	NR	~72°F	Rain/ Lightening	No Work		
		Point A	Eastern Courtyard	NR					
		Point B	Courtyard	NR					
		Point C	Edgewood Enterance	NR					
	1100	BKG	SWZ	NR	~72°F	Rain	Roll-off pick up		
		Point A	Eastern Courtyard	NR					
		Point B	Courtyard	NR					
		Point C	Edgewood Enterance	NR					
	1200	BKG	SWZ	0.029	~72°F	Cloudy/ Rain	removing upper pre-cast eastern court.		
		Point A	Eastern Courtyard	0.021					
		Point B	Courtyard	0.006					
		Point C	Edgewood Enterance	0.004					
	1300	BKG	SWZ	0.021	~72°F	Cloudy	removing upper pre-cast eastern court.		
		Point A	Eastern Courtyard	0.035					
		Point B	Courtyard	0.016					
		Point C	Edgewood Enterance	0.008					
	1400	BKG	SWZ	0.029	~72°F	Cloudy	Clean Up		
		Point A	Eastern Courtyard	0.043					
		Point B	Courtyard	0.011					
		Point C	Edgewood Enterance	0.006					
7/20/2010	600	BKG	SWZ	0.013	~72°F	Sunny	Set Up		
		Point A	Eastern Courtyard	0.020					
		Point B	Courtyard	0.009					
		Point C	NW edge of Building	0.006					
	700	BKG	SWZ	0.021	~74°F	Sunny	removing upper pre-cast eastern court.		
		Point A	Eastern Courtyard	0.020					
		Point B	Courtyard	0.010					
		Point C	NW edge of Building	0.009					
	800	BKG	SWZ	0.033	~74°F	Sunny	removing upper pre-cast eastern court.		
		Point A	Eastern Courtyard	0.036					
		Point B	Courtyard	0.019					
		Point C	NW edge of Building	0.012					
	900	BKG	SWZ	0.034	~78°F	Sunny	removing upper pre-cast eastern court.		
		Point A	Eastern Courtyard	0.028					
		Point B	Courtyard	0.012					
		Point C	NW edge of Building	0.009					
	1000	BKG	SWZ	0.038	~80°F	Sunny	Jackhammering brick in eastern court.		
		Point A	Eastern Courtyard	0.029					
		Point B	Courtyard	0.014					
		Point C	NW edge of Building	0.015					
	1100	BKG	SWZ	0.052	~83°F	Sunny	Jackhammering brick in eastern court.		
		Point A	Eastern Courtyard	0.048					
		Point B	Courtyard	0.021					
		Point C	NW edge of Building	0.016					
	1200	BKG	SWZ	0.062	~85°F	Sunny	Jackhammering brick in eastern court.		
		Point A	Eastern Courtyard	0.033					
		Point B	Courtyard	0.019					
		Point C	NW edge of Building	0.014					
	1300	BKG	SWZ	0.056	~84°F	Cloudy	jackhammering brick on eastern ext		exterior window
		Point A	Eastern Courtyard	0.046					
		Point B	Courtyard	0.023					
		Point C	NW edge of Building	0.016					
	1400	BKG	SWZ	0.054	~82°F	Cloudy	Clean Up		
		Point A	Eastern Courtyard	0.067					
		Point B	Courtyard	0.029					
		Point C	NW edge of Building	0.020					

Dust Monitoring Log

Amistad Academy
New Haven, Connecticut

Date	Time	Air-Monitoring Point	Location	Dust	Temperature	Weather	Activity	Notes	Actions Taken
7/21/2010	600	BKG	SWZ	0.036	~76°F	Sunny	Set Up		
		Point A	Eastern Courtyard	0.029					
		Point B	Courtyard	0.012					
		Point C	NW edge of Building	0.009					
	700	BKG	SWZ	0.032	~76°F	Sunny	Removing concrete pad in eastern court.	also soil	
		Point A	Eastern Courtyard	0.036					
		Point B	Courtyard	0.016					
		Point C	NW edge of Building	0.011					
	800	BKG	SWZ	0.039	~77°F	Sunny	Removing concrete pad in eastern court.	also soil	
		Point A	Eastern Courtyard	0.041					
		Point B	Courtyard	0.019					
		Point C	NW edge of Building	0.008					
	900	BKG	SWZ	0.036	~78°F	Sunny	Removing concrete pad in eastern court.	also soil	
		Point A	Eastern Courtyard	0.036					
		Point B	Courtyard	0.013					
		Point C	NW edge of Building	0.004					
	1000	BKG	SWZ	0.049	~79°F	Cloudy	Removing concrete pad in eastern court.		
		Point A	Eastern Courtyard	0.051					
		Point B	Courtyard	0.026					
		Point C	NW edge of Building	0.014					
	1100	BKG	SWZ	0.049	~81°F	Cloudy	Removing concrete pad in eastern court.	also soil	
		Point A	Eastern Courtyard	0.052					
		Point B	Courtyard	0.030					
		Point C	NW edge of Building	0.021					
	1200	BKG	SWZ	0.075	~83°F	Cloudy	Removing concrete pad in eastern court.	also soil	
		Point A	Eastern Courtyard	0.089					
		Point B	Courtyard	0.056					
		Point C	NW edge of Building	0.032					
	1300	BKG	SWZ	0.043	~84°F	Cloudy	Removing concrete pad in eastern court.		
		Point A	Eastern Courtyard	0.029					
		Point B	Courtyard	0.012					
		Point C	NW edge of Building	0.010					
	1400	BKG	SWZ	0.045	~85°F	Cloudy	Clean Up		
		Point A	Eastern Courtyard	0.064					
		Point B	Courtyard	0.025					
		Point C	NW edge of Building	0.017					
7/22/2010	600	BKG	SWZ	0.021	~72°F	Sunny	Set Up		
		Point A	Roll-Offs	0.023					
		Point B	Courtyard	0.019					
		Point C	NW edge of Building	0.012					
	700	BKG	SWZ	0.028	~72°F	Sunny	Jackhammering upper pre-cast in west. Court.		
		Point A	Roll-Offs	0.032					
		Point B	Courtyard	0.031					
		Point C	NW edge of Building	0.046					
	800	BKG	SWZ	0.038	~73°F	Sunny	Jackhammering upper pre-cast in west. Court.		
		Point A	Roll-Offs	0.047					
		Point B	Courtyard	0.020					
		Point C	NW edge of Building	0.034					
	900	BKG	SWZ	0.054	~75°F	Sunny	Jackhammering upper pre-cast in west. Court.		
		Point A	Roll-Offs	0.033					
		Point B	Courtyard	0.021					
		Point C	NW edge of Building	0.018					
	1000	BKG	SWZ	0.051	~77°F	Sunny	Removing NW doorway materials		
		Point A	Roll-Offs	0.049					
		Point B	Courtyard	0.034					
		Point C	NW edge of Building	0.046					
	1100	BKG	SWZ	0.048	~81°F	Sunny	NW doorway/ upper pre cast west court.		
		Point A	Roll-Offs	0.029					
		Point B	Courtyard	0.019					
		Point C	NW edge of Building	0.061					
	1200	BKG	SWZ	0.067	~82°F	Sunny	NW doorway/ upper pre cast west court.		
		Point A	Roll-Offs	0.053					
		Point B	Courtyard	0.030					
		Point C	NW edge of Building	0.078					
	1300	BKG	SWZ	0.029	~83°F	Sunny	NW doorway/ upper pre cast west court.		
		Point A	Roll-Offs	0.043					
		Point B	Courtyard	0.041					
		Point C	NW edge of Building	0.089					
	1400	BKG	SWZ	0.054	~84°F	Sunny	Clean Up	traffic	
		Point A	Roll-Offs	0.038					
		Point B	Courtyard	0.049					
		Point C	NW edge of Building	0.071					

Dust Monitoring Log

Amistad Academy
New Haven, Connecticut

Date	Time	Air-Monitoring Point	Location	Dust	Temperature	Weather	Activity	Notes	Actions Taken
7/23/2010	600	BKG	SWZ	0.023	~71°F	Cloudy	Set Up		
		Point A	Roll-Offs	0.023					
		Point B	Courtyard	0.008					
		Point C	NW edge of Building	0.036					
	700	BKG	SWZ	0.046	~71°F	Cloudy	Removing Concrete pad in NW doorway		
		Point A	Roll-Offs	0.024					
		Point B	Courtyard	0.014					
		Point C	NW edge of Building	0.031					
	800	BKG	SWZ	0.044	~71°F	Cloudy	Removing Concrete pad in NW doorway		
		Point A	Roll-Offs	0.041					
		Point B	Courtyard	0.022					
		Point C	NW edge of Building	0.038					
	900	BKG	SWZ	0.034	~71°F	Cloudy	Jackhammering upper pre-cast in west. Court.		
		Point A	Roll-Offs	0.036					
		Point B	Courtyard	0.012					
		Point C	NW edge of Building	0.022					
	1000	BKG	SWZ	0.032	~71°F	Rainy	Jackhammering upper pre-cast in west. Court.		
		Point A	Roll-Offs	0.026					
		Point B	Courtyard	0.015					
		Point C	NW edge of Building	0.035					
	1100	BKG	SWZ	0.017	~71°F	Rainy	Removing West Brick Wall		
		Point A	Roll-Offs	0.012					
		Point B	Courtyard	0.009					
		Point C	NW edge of Building	0.016					
	1200	BKG	SWZ	0.039	~71°F	Rainy	Removing West Brick Wall		
		Point A	Roll-Offs	0.024					
		Point B	Courtyard	0.011					
		Point C	NW edge of Building	0.012					
	1300	BKG	SWZ	0.031	~71°F	Rainy	Removing rubber matting		
		Point A	Roll-Offs	0.022					
		Point B	Courtyard	0.004					
		Point C	NW edge of Building	0.015					
	1400	BKG	SWZ	NR	~71°F	Rainy	Clean Up		
		Point A	Roll-Offs	NR					
		Point B	Courtyard	NR					
		Point C	NW edge of Building	NR					

Dust Monitoring Log

Amistad Academy
New Haven, Connecticut

Date	Time	Air-Monitoring Point	Location	Dust	Temperature	Weather	Activity	Notes	Actions Taken
7/26/2010	600	BKG	SWZ	0.043	~83°F	Sunny	Set Up		
		Point A	Eastern Courtyard	0.028					
		Point B	Courtyard	0.021					
		Point C	Edgewood Enterance	0.032					
	700	BKG	SWZ	0.052	~83°F	Sunny	Removing soil/ Trimming panels		
		Point A	Eastern Courtyard	0.039					
		Point B	Courtyard	0.022					
		Point C	Edgewood Enterance	0.036					
	800	BKG	SWZ	0.055	~83°F	Sunny	Removing soil/ Trimming panels		
		Point A	Eastern Courtyard	0.068					
		Point B	Courtyard	0.032					
		Point C	Edgewood Enterance	0.041					
	900	BKG	SWZ	0.047	~83°F	Sunny	Removing soil/ Trimming panels		
		Point A	Eastern Courtyard	0.044					
		Point B	Courtyard	0.038					
		Point C	Edgewood Enterance	0.026					
	1000	BKG	SWZ	0.076	~83°F	Sunny	Removing soil/ Trimming panels		
		Point A	Eastern Courtyard	0.072					
		Point B	Courtyard	0.028					
		Point C	Edgewood Enterance	0.035					
	1100	BKG	SWZ	0.065	~83°F	Sunny	Removing soil/ Trimming panels		
		Point A	Eastern Courtyard	0.066					
		Point B	Courtyard	0.043					
		Point C	Edgewood Enterance	0.037					
	1200	BKG	SWZ	0.045	~83°F	Sunny	Removing soil/ Trimming panels		
		Point A	Eastern Courtyard	0.038					
		Point B	Courtyard	0.020					
		Point C	Edgewood Enterance	0.031					
	1300	BKG	SWZ	0.069	~83°F	Sunny	Removing soil/ Trimming panels		
		Point A	Eastern Courtyard	0.072					
		Point B	Courtyard	0.042					
		Point C	Edgewood Enterance	0.022					
	1400	BKG	SWZ	0.038	~83°F	Sunny	Clean up		
		Point A	Eastern Courtyard	0.042					
		Point B	Courtyard	0.013					
		Point C	Edgewood Enterance	0.024					
7/27/2010	600	BKG	SWZ	0.034	~74°F	Sunny	Set Up		
		Point A	Eastern Courtyard	0.032					
		Point B	Courtyard	0.021					
		Point C	Edgewood Enterance	0.015					
	700	BKG	SWZ	0.031	~74°F	Sunny	removing debris from chipping area		
		Point A	Eastern Courtyard	0.035					
		Point B	Courtyard	0.026					
		Point C	Edgewood Enterance	0.020					
	800	BKG	SWZ	0.067	~76°F	Sunny	Removing soil/ Trimming panels		
		Point A	Eastern Courtyard	0.035					
		Point B	Courtyard	0.025					
		Point C	Edgewood Enterance	0.029					
	900	BKG	SWZ	0.081	~79°F	Sunny	Removing soil/ Trimming panels		
		Point A	Eastern Courtyard	0.048					
		Point B	Courtyard	0.028					
		Point C	Edgewood Enterance	0.046					
	1000	BKG	SWZ	0.072	~79°F	Sunny	Removing soil/ Trimming panels		
		Point A	Eastern Courtyard	0.085					
		Point B	Courtyard	0.030					
		Point C	Edgewood Enterance	0.024					
	1100	BKG	SWZ	0.081	~81°F	Sunny	Removing soil/ Trimming panels		
		Point A	Eastern Courtyard	0.102					
		Point B	Courtyard	0.024					
		Point C	Edgewood Enterance	0.021					
	1200	BKG	SWZ	0.094	~83°F	Sunny	Removing soil/ Trimming panels	traffic	
		Point A	Eastern Courtyard	0.115					
		Point B	Courtyard	0.032					
		Point C	Edgewood Enterance	0.041					
	1300	BKG	SWZ	0.068	~83°F	Sunny	Removing soil/ Trimming panels		
		Point A	Eastern Courtyard	0.052					
		Point B	Courtyard	0.035					
		Point C	Edgewood Enterance	0.025					
	1400	BKG	SWZ	0.083	~84°F	Sunny	Clean Up		
		Point A	Eastern Courtyard	0.092					
		Point B	Courtyard	0.043					
		Point C	Edgewood Enterance	0.021					

Dust Monitoring Log

Amistad Academy
New Haven, Connecticut

Date	Time	Air-Monitoring Point	Location	Dust	Temperature	Weather	Activity	Notes	Actions Taken
7/28/2010	600	BKG	SWZ	0.025	~70°F	Sunny	Set Up		
		Point A	Eastern Courtyard	0.031					
		Point B	Courtyard	0.013					
		Point C	Edgewood Enterance	0.016					
	700	BKG	SWZ	0.045	~75°F	Sunny	Removing soil/ Trimming panels		
		Point A	Eastern Courtyard	0.036					
		Point B	Courtyard	0.022					
		Point C	Edgewood Enterance	0.031					
	800	BKG	SWZ	0.034	~78°F	Sunny	Removing soil/ Trimming panels		
		Point A	Eastern Courtyard	0.051					
		Point B	Courtyard	0.020					
		Point C	Edgewood Enterance	0.013					
	900	BKG	SWZ	0.049	~80°F	Sunny	Removing soil/ Trimming panels		
		Point A	Eastern Courtyard	0.052					
		Point B	Courtyard	0.018					
		Point C	Edgewood Enterance	0.021					
	1000	BKG	SWZ	0.077	~82°F	Sunny	Removing soil/ Trimming panels		
		Point A	Eastern Courtyard	0.048					
		Point B	Courtyard	0.022					
		Point C	Edgewood Enterance	0.013					
	1100	BKG	SWZ	0.059	~82°F	Sunny	Removing soil/ Trimming panels		
		Point A	Eastern Courtyard	0.060					
		Point B	Courtyard	0.034					
		Point C	Edgewood Enterance	0.018					
	1200	BKG	SWZ	0.043	~83°F	Sunny	Removing soil/ Trimming panels		
		Point A	Eastern Courtyard	0.051					
		Point B	Courtyard	0.023					
		Point C	Edgewood Enterance	0.019					
	1300	BKG	SWZ	0.076	~83°F	Sunny	Removing soil/ Trimming panels		
		Point A	Eastern Courtyard	0.073					
		Point B	Courtyard	0.036					
		Point C	Edgewood Enterance	0.041					
	1400	BKG	SWZ	0.088	~84°F	Sunny	Clean Up		
		Point A	Eastern Courtyard	0.065					
		Point B	Courtyard	0.034					
		Point C	Edgewood Enterance	0.030					
7/29/2010	600	BKG	SWZ	0.033	~72°F	Cloudy	Set Up		
		Point A	Roll-Offs	0.041					
		Point B	Courtyard	0.014					
		Point C	Edgewood Enterance	0.009					
	700	BKG	SWZ	0.059	~74°F	Cloudy	Removing soil/ Trimming panels		
		Point A	Roll-Offs	0.051					
		Point B	Courtyard	0.018					
		Point C	Edgewood Enterance	0.036					
	800	BKG	SWZ	0.048	~76°F	Cloudy	Removing soil/ Trimming panels		
		Point A	Roll-Offs	0.041					
		Point B	Courtyard	0.034					
		Point C	Edgewood Enterance	0.046					
	900	BKG	SWZ	0.055	~77°F	Cloudy	Removing soil/ Trimming panels		
		Point A	Roll-Offs	0.045					
		Point B	Courtyard	0.028					
		Point C	Edgewood Enterance	0.022					
	1000	BKG	SWZ	0.041	~79°F	Cloudy	Removing soil/ Trimming panels		
		Point A	Roll-Offs	0.034					
		Point B	Courtyard	0.022					
		Point C	Edgewood Enterance	0.031					
	1100	BKG	SWZ	0.045	~81°F	Cloudy	Removing soil/ Trimming panels		
		Point A	Roll-Offs	0.048					
		Point B	Courtyard	0.028					
		Point C	Edgewood Enterance	0.022					
	1200	BKG	SWZ	0.037	~83°F	Cloudy	Removing soil/ Trimming panels		
		Point A	Roll-Offs	0.041					
		Point B	Courtyard	0.024					
		Point C	Edgewood Enterance	0.011					
	1300	BKG	SWZ	0.052	~84°F	Cloudy	Removing soil/ Trimming panels		
		Point A	Roll-Offs	0.021					
		Point B	Courtyard	0.025					
		Point C	Edgewood Enterance	0.018					
	1400	BKG	SWZ	0.043	~85°F	Cloudy	Clean Up		
		Point A	Roll-Offs	0.027					
		Point B	Courtyard	0.019					
		Point C	Edgewood Enterance	0.016					

Dust Monitoring Log

Amistad Academy
New Haven, Connecticut

Date	Time	Air-Monitoring Point	Location	Dust	Temperature	Weather	Activity	Notes	Actions Taken
7/30/2010	600	BKG	SWZ	0.026	~70°F	Sunny	Set Up		
		Point A	Roll-Offs	0.031					
		Point B	Courtyard	0.040					
		Point C	NW edge of Building	0.032					
	700	BKG	SWZ	0.033	~71°F	Sunny	Removing Brick Columns Cen. Court		
		Point A	Roll-Offs	0.052					
		Point B	Courtyard	0.032					
		Point C	NW edge of Building	0.018					
	800	BKG	SWZ	0.032	~71°F	Sunny	Removing Brick Columns Cen. Court		
		Point A	Roll-Offs	0.028					
		Point B	Courtyard	0.022					
		Point C	NW edge of Building	0.017					
	900	BKG	SWZ	0.036	~73°F	Sunny	Removing Brick Columns Cen. Court		
		Point A	Roll-Offs	0.030					
		Point B	Courtyard	0.031					
		Point C	NW edge of Building	0.021					
	1000	BKG	SWZ	0.034	~75°F	Sunny	Removing Brick Columns Cen. Court		
		Point A	Roll-Offs	0.053					
		Point B	Courtyard	0.048					
		Point C	NW edge of Building	0.024					
	1100	BKG	SWZ	0.057	~77°F	Sunny	Removing Brick Columns Cen. Court		
		Point A	Roll-Offs	0.066					
		Point B	Courtyard	0.026					
		Point C	NW edge of Building	0.031					
	1200	BKG	SWZ	0.077	~77°F	Sunny	Removing soil in Cen. Court. / trimming panels		
		Point A	Roll-Offs	0.058					
		Point B	Courtyard	0.045					
		Point C	NW edge of Building	0.022					
	1300	BKG	SWZ	0.085	~80°F	Sunny	Removing soil in Cen. Court. / trimming panels		
		Point A	Roll-Offs	0.068					
		Point B	Courtyard	0.034					
		Point C	NW edge of Building	0.020					
	1400	BKG	SWZ	0.048	~80°F	Sunny	Clean Up		
		Point A	Roll-Offs	0.033					
		Point B	Courtyard	0.018					
		Point C	NW edge of Building	0.019					

Dust Monitoring Log

Amistad Academy
New Haven, Connecticut

Date	Time	Air-Monitoring Point	Location	Dust	Temperature	Weather	Activity	Notes	Actions Taken
8/2/2010	600	BKG	SWZ	0.034	~71°F	Sunny	Set Up		
		Point A	Eastern Courtyard	0.028					
		Point B	Courtyard	0.017					
		Point C	Edgewood Enterance	0.011					
	700	BKG	SWZ	0.034	~73°F	Sunny	Chipping Panels/ removing soil in cen. Court.		
		Point A	Eastern Courtyard	0.021					
		Point B	Courtyard	0.045					
		Point C	Edgewood Enterance	0.032					
	800	BKG	SWZ	0.052	~74°F	Sunny	Chipping Panels/ removing soil in cen. Court.		
		Point A	Eastern Courtyard	0.037					
		Point B	Courtyard	0.024					
		Point C	Edgewood Enterance	0.023					
	900	BKG	SWZ	0.039	~76°F	Sunny	Chipping Panels/ removing soil in cen. Court.		
		Point A	Eastern Courtyard	0.052					
		Point B	Courtyard	0.037					
		Point C	Edgewood Enterance	0.011					
	1000	BKG	SWZ	0.055	~76°F	Sunny	Chipping Panels/ removing soil in cen. Court.		
		Point A	Eastern Courtyard	0.064					
		Point B	Courtyard	0.052					
		Point C	Edgewood Enterance	0.021					
	1100	BKG	SWZ	0.047	~77°F	Sunny	Chipping Panels/ removing soil in cen. Court.		
		Point A	Eastern Courtyard	0.043					
		Point B	Courtyard	0.066					
		Point C	Edgewood Enterance	0.032					
	1200	BKG	SWZ	0.045	~81°F	Sunny	Chipping Panels/ removing soil in cen. Court.		
		Point A	Eastern Courtyard	0.040					
		Point B	Courtyard	0.049					
		Point C	Edgewood Enterance	0.027					
	1300	BKG	SWZ	0.072	~81°F	Sunny	Chipping Panels/ removing soil in cen. Court.		
		Point A	Eastern Courtyard	0.049					
		Point B	Courtyard	0.034					
		Point C	Edgewood Enterance	0.021					
	1400	BKG	SWZ	0.064	~81°F	Sunny	Clean Up		
		Point A	Eastern Courtyard	0.052					
		Point B	Courtyard	0.079					
		Point C	Edgewood Enterance	0.033					
8/3/2010	600	BKG	SWZ	0.022	~69°F	Cloudy	Set Up		
		Point A	Eastern Courtyard	0.018					
		Point B	Courtyard	0.009					
		Point C	Edgewood Enterance	0.003					
	700	BKG	SWZ	0.041	~72°F	Cloudy	Chipping Panels/ removing soil in cen. Court.		
		Point A	Eastern Courtyard	0.029					
		Point B	Courtyard	0.038					
		Point C	Edgewood Enterance	0.021					
	800	BKG	SWZ	0.038	~73°F	Sunny	Chipping Panels/ removing soil in cen. Court.		
		Point A	Eastern Courtyard	0.043					
		Point B	Courtyard	0.053					
		Point C	Edgewood Enterance	0.025					
	900	BKG	SWZ	0.067	~75°F	Sunny	Chipping Panels/ removing soil in cen. Court.		
		Point A	Eastern Courtyard	0.053					
		Point B	Courtyard	0.057					
		Point C	Edgewood Enterance	0.014					
	1000	BKG	SWZ	0.083	~77°F	Cloudy	Chipping Panels/ removing soil in cen. Court.		
		Point A	Eastern Courtyard	0.034					
		Point B	Courtyard	0.056					
		Point C	Edgewood Enterance	0.026					
	1100	BKG	SWZ	0.066	~82°F	Cloudy	Chipping Panels/ removing soil in cen. Court.		
		Point A	Eastern Courtyard	0.072					
		Point B	Courtyard	0.058					
		Point C	Edgewood Enterance	0.034					
	1200	BKG	SWZ	0.058	~83°F	Sunny	Chipping Panels/ removing soil in cen. Court.		
		Point A	Eastern Courtyard	0.033					
		Point B	Courtyard	0.057					
		Point C	Edgewood Enterance	0.023					
	1300	BKG	SWZ	0.044	~84°F	CLoudy	Chipping Panels/ removing soil in cen. Court.		
		Point A	Eastern Courtyard	0.054					
		Point B	Courtyard	0.058					
		Point C	Edgewood Enterance	0.025					
	1400	BKG	SWZ	0.058	~84°F	Sunny	Clean Up		
		Point A	Eastern Courtyard	0.044					
		Point B	Courtyard	0.032					
		Point C	Edgewood Enterance	0.035					

Dust Monitoring Log

Amistad Academy
New Haven, Connecticut

Date	Time	Air-Monitoring Point	Location	Dust	Temperature	Weather	Activity	Notes	Actions Taken
8/4/2010	600	BKG	SWZ	0.025	~70°F	Sunny	Set Up		
		Point A	Eastern Courtyard	0.029					
		Point B	Courtyard	0.022					
		Point C	Edgewood Enterance	0.009					
	700	BKG	SWZ	0.045	~70°F	Sunny	Chipping Panels/ removing soil in cen. Court.		
		Point A	Eastern Courtyard	0.042					
		Point B	Courtyard	0.046					
		Point C	Edgewood Enterance	0.021					
	800	BKG	SWZ	0.036	~74°F	Sunny	Chipping Panels/ removing soil in cen. Court.		
		Point A	Eastern Courtyard	0.051					
		Point B	Courtyard	0.058					
		Point C	Edgewood Enterance	0.024					
	900	BKG	SWZ	0.052	~74°F	Sunny	Chipping Panels/ removing soil in cen. Court.		
		Point A	Eastern Courtyard	0.046					
		Point B	Courtyard	0.062					
		Point C	Edgewood Enterance	0.021					
	1000	BKG	SWZ	0.048	~81°F	Sunny	Chipping Panels/ removing soil in cen. Court.		
		Point A	Eastern Courtyard	0.052					
		Point B	Courtyard	0.043					
		Point C	Edgewood Enterance	0.017					
	1100	BKG	SWZ	0.043	~81°F	Sunny	Chipping Panels/ removing soil in cen. Court.		
		Point A	Eastern Courtyard	0.046					
		Point B	Courtyard	0.022					
		Point C	Edgewood Enterance	0.025					
	1200	BKG	SWZ	0.064	~81°F	Sunny	Chipping Panels/ removing soil in cen. Court.		
		Point A	Eastern Courtyard	0.073					
		Point B	Courtyard	0.055					
		Point C	Edgewood Enterance	0.031					
	1300	BKG	SWZ	0.053	~85°F	Sunny	Chipping Panels/ removing soil in cen. Court.		
		Point A	Eastern Courtyard	0.058					
		Point B	Courtyard	0.051					
		Point C	Edgewood Enterance	0.042					
	1400	BKG	SWZ	0.044	~85°F	Sunny	Clean Up		
		Point A	Eastern Courtyard	0.057					
		Point B	Courtyard	0.067					
		Point C	Edgewood Enterance	0.026					
8/5/2010	600	BKG	SWZ	0.036	~74°F	Cloudy/ Rainy	Set Up		
		Point A	Roll-Offs	0.032					
		Point B	Courtyard	0.021					
		Point C	Edgewood Enterance	0.010					
	700	BKG	SWZ	0.044	~76°F	Cloudy/ Rainy	Chipping Panels/ removing soil in cen. Court.		
		Point A	Roll-Offs	0.043					
		Point B	Courtyard	0.034					
		Point C	Edgewood Enterance	0.023					
	800	BKG	SWZ	0.045	~77°F	Cloudy/ Rainy	Chipping Panels/ removing soil in cen. Court.		
		Point A	Roll-Offs	0.073					
		Point B	Courtyard	0.064					
		Point C	Edgewood Enterance	0.034					
	900	BKG	SWZ	0.077	~84°F	Cloudy/ Rainy	Chipping Panels/ removing soil in cen. Court.		
		Point A	Roll-Offs	0.084					
		Point B	Courtyard	0.048					
		Point C	Edgewood Enterance	0.022					
	1000	BKG	SWZ	0.074	~89°F	Cloudy/ Rainy	Chipping Panels/ removing soil in cen. Court.		
		Point A	Roll-Offs	0.066					
		Point B	Courtyard	0.068					
		Point C	Edgewood Enterance	0.031					
	1100	BKG	SWZ	0.088	~90°F	Cloudy/ Rainy	Chipping Panels/ removing soil in cen. Court.	traffic	
		Point A	Roll-Offs	0.052					
		Point B	Courtyard	0.047					
		Point C	Edgewood Enterance	0.041					
	1200	BKG	SWZ	0.054	~90°F	Cloudy/ Rainy	Chipping Panels/ removing soil in cen. Court.		
		Point A	Roll-Offs	0.088					
		Point B	Courtyard	0.074					
		Point C	Edgewood Enterance	0.032					
	1300	BKG	SWZ	0.079	~91°F	Cloudy/ Rainy	Chipping Panels/ removing soil in cen. Court.		
		Point A	Roll-Offs	0.064					
		Point B	Courtyard	0.038					
		Point C	Edgewood Enterance	0.034					
	1400	BKG	SWZ	0.043	~91°F	Cloudy/ Rainy	Clean Up		
		Point A	Roll-Offs	0.073					
		Point B	Courtyard	0.022					
		Point C	Edgewood Enterance	0.035					

Dust Monitoring Log

Amistad Academy
New Haven, Connecticut

Date	Time	Air-Monitoring Point	Location	Dust	Temperature	Weather	Activity	Notes	Actions Taken
8/6/2010	600	BKG	SWZ	0.032	~74°F	Sunny	Set Up		
		Point A	Roll-Offs	0.046					
		Point B	Courtyard	0.014					
		Point C	NW edge of Building	0.005					
	700	BKG	SWZ	0.042	~75°F	Sunny	Chipping Panels/ asbestos abatement		
		Point A	Roll-Offs	0.037					
		Point B	Courtyard	0.023					
		Point C	NW edge of Building	0.021					
	800	BKG	SWZ	0.075	~76°F	Sunny	Asbestos Abatement		
		Point A	Roll-Offs	0.049					
		Point B	Courtyard	0.036					
		Point C	NW edge of Building	0.026					
	900	BKG	SWZ	0.037	~77°F	Sunny	Asbestos Abatement		
		Point A	Roll-Offs	0.047					
		Point B	Courtyard	0.021					
		Point C	NW edge of Building	0.011					
	1000	BKG	SWZ	0.047	~81°F	Sunny	Asbestos Abatement		
		Point A	Roll-Offs	0.023					
		Point B	Courtyard	0.042					
		Point C	NW edge of Building	0.018					
	1100	BKG	SWZ	0.047	~83°F	Sunny	Asbestos Abatement		
		Point A	Roll-Offs	0.045					
		Point B	Courtyard	0.027					
		Point C	NW edge of Building	0.023					
	1200	BKG	SWZ	0.037	~84°F	Sunny	Asbestos Abatement		
		Point A	Roll-Offs	0.047					
		Point B	Courtyard	0.043					
		Point C	NW edge of Building	0.021					
	1300	BKG	SWZ	0.038	~85°F	Cloudy	Asbestos Abatement		
		Point A	Roll-Offs	0.022					
		Point B	Courtyard	0.029					
		Point C	NW edge of Building	0.014					
	1400	BKG	SWZ	0.036	~86°F	Cloudy	Clean Up		
		Point A	Roll-Offs	0.028					
		Point B	Courtyard	0.031					
		Point C	NW edge of Building	0.024					

Dust Monitoring Log

Amistad Academy
New Haven, Connecticut

Date	Time	Air-Monitoring Point	Location	Dust	Temperature	Weather	Activity	Notes	Actions Taken
8/9/2010	600	BKG	SWZ	0.047	~72°F	Cloudy	Set Up		
		Point A	Eastern Courtyard	0.038					
		Point B	Courtyard	0.027					
		Point C	Edgewood Enterance	0.022					
	700	BKG	SWZ	0.043	~73°F	Cloudy	Asbestos Abatment/ brick columns		
		Point A	Eastern Courtyard	0.055					
		Point B	Courtyard	0.024					
		Point C	Edgewood Enterance	0.018					
	800	BKG	SWZ	0.052	~75°F	Cloudy	Asbestos Abatment/ brick columns		
		Point A	Eastern Courtyard	0.042					
		Point B	Courtyard	0.026					
		Point C	Edgewood Enterance	0.015					
	900	BKG	SWZ	0.074	~77°F	Sunny	Asbestos Abatment/ brick columns		
		Point A	Eastern Courtyard	0.075					
		Point B	Courtyard	0.044					
		Point C	Edgewood Enterance	0.023					
	1000	BKG	SWZ	0.064	~81°F	Sunny	Asbestos Abatment/ brick columns		
		Point A	Eastern Courtyard	0.051					
		Point B	Courtyard	0.048					
		Point C	Edgewood Enterance	0.022					
	1100	BKG	SWZ	0.056	~85°F	Sunny	Asbestos Abatment/ brick columns		
		Point A	Eastern Courtyard	0.077					
		Point B	Courtyard	0.041					
		Point C	Edgewood Enterance	0.018					
	1200	BKG	SWZ	0.047	~87°F	Sunny	Asbestos Abatment/ brick columns		
		Point A	Eastern Courtyard	0.057					
		Point B	Courtyard	0.023					
		Point C	Edgewood Enterance	0.020					
	1300	BKG	SWZ	0.038	~88°F	Sunny	Asbestos Abatment/ brick columns		
		Point A	Eastern Courtyard	0.043					
		Point B	Courtyard	0.027					
		Point C	Edgewood Enterance	0.012					
	1400	BKG	SWZ	0.074	~90°F	Sunny	Clean Up		
		Point A	Eastern Courtyard	0.038					
		Point B	Courtyard	0.052					
		Point C	Edgewood Enterance	0.021					
8/10/2010	600	BKG	SWZ	0.043	~74°F	Cloudy	Set Up		
		Point A	Eastern Courtyard	0.028					
		Point B	Courtyard	0.031					
		Point C	Edgewood Enterance	0.014					
	700	BKG	SWZ	0.038	~74°F	Rain	chipping foundation contact points		
		Point A	Eastern Courtyard	0.023					
		Point B	Courtyard	0.021					
		Point C	Edgewood Enterance	0.010					
	800	BKG	SWZ	0.022	~75°F	Rain	Removing brick columns on north side		
		Point A	Eastern Courtyard	0.018					
		Point B	Courtyard	0.021					
		Point C	Edgewood Enterance	0.008					
	900	BKG	SWZ	0.034	~77°F	Cloudy	Asbestos abatment/ Cen. Court. Concrete		
		Point A	Eastern Courtyard	0.042					
		Point B	Courtyard	0.038					
		Point C	Edgewood Enterance	0.024					
	1000	BKG	SWZ	0.048	~79°F	Sunny	asbestos abatement/ cen. Court. Concrete		
		Point A	Eastern Courtyard	0.027					
		Point B	Courtyard	0.048					
		Point C	Edgewood Enterance	0.017					
	1100	BKG	SWZ	0.044	~82°F	Sunny	asbestos abatement/ cen. Court. Concrete		
		Point A	Eastern Courtyard	0.038					
		Point B	Courtyard	0.046					
		Point C	Edgewood Enterance	0.029					
	1200	BKG	SWZ	0.038	~84°F	Sunny	asbestos abatement/ cen. Court. Concrete		
		Point A	Eastern Courtyard	0.047					
		Point B	Courtyard	0.033					
		Point C	Edgewood Enterance	0.017					
	1300	BKG	SWZ	0.058	~84°F	Sunny	asbestos abatement/ cen. Court. Concrete	wind	
		Point A	Eastern Courtyard	0.055					
		Point B	Courtyard	0.036					
		Point C	Edgewood Enterance	0.028					
	1400	BKG	SWZ	0.037	~85°F	Sunny	Clean Up		
		Point A	Eastern Courtyard	0.042					
		Point B	Courtyard	0.049					
		Point C	Edgewood Enterance	0.037					

Dust Monitoring Log

Amistad Academy
New Haven, Connecticut

Date	Time	Air-Monitoring Point	Location	Dust	Temperature	Weather	Activity	Notes	Actions Taken
8/11/2010	600	BKG	SWZ	0.034	~74°F	Sunny	Set Up		
		Point A	Eastern Courtyard	0.026					
		Point B	Courtyard	0.021					
		Point C	Edgewood Enterance	0.028					
	700	BKG	SWZ	0.043	~78°F	Sunny	asbestos abatement/ cen. Court. Concrete		
		Point A	Eastern Courtyard	0.052					
		Point B	Courtyard	0.062					
		Point C	Edgewood Enterance	0.026					
	800	BKG	SWZ	0.043	~80°F	Sunny	asbestos abatement/ cen. Court. Concrete		
		Point A	Eastern Courtyard	0.033					
		Point B	Courtyard	0.041					
		Point C	Edgewood Enterance	0.018					
	900	BKG	SWZ	0.037	~80°F	Sunny	asbestos abatement/ cen. Court. Concrete		
		Point A	Eastern Courtyard	0.039					
		Point B	Courtyard	0.044					
		Point C	Edgewood Enterance	0.020					
	1000	BKG	SWZ	0.052	~82°F	Sunny	asbestos abatement/ cen. Court. Concrete		
		Point A	Eastern Courtyard	0.048					
		Point B	Courtyard	0.063					
		Point C	Edgewood Enterance	0.024					
	1100	BKG	SWZ	0.044	~84°F	Sunny	asbestos abatement/ cen. Court. Concrete		
		Point A	Eastern Courtyard	0.048					
		Point B	Courtyard	0.063					
		Point C	Edgewood Enterance	0.023					
	1200	BKG	SWZ	0.035	~84°F	Sunny	asbestos abatement/ cen. Court. Concrete		
		Point A	Eastern Courtyard	0.043					
		Point B	Courtyard	0.054					
		Point C	Edgewood Enterance	0.028					
	1300	BKG	SWZ	0.027	~85°F	Sunny	asbestos abatement/ cen. Court. Concrete		
		Point A	Eastern Courtyard	0.053					
		Point B	Courtyard	0.073					
		Point C	Edgewood Enterance	0.026					
	1400	BKG	SWZ	0.074	~85°F	Sunny	Clean Up		
		Point A	Eastern Courtyard	0.037					
		Point B	Courtyard	0.047					
		Point C	Edgewood Enterance	0.031					
8/12/2010	600	BKG	SWZ	0.032	~72°F	Cloudy	Set Up		
		Point A	Roll-Offs	0.030					
		Point B	Courtyard	0.041					
		Point C	Edgewood Enterance	0.021					
	700	BKG	SWZ	0.043	~72°F	Cloudy	asbestos abatement/ cen. Court. Concrete		
		Point A	Roll-Offs	0.031					
		Point B	Courtyard	0.032					
		Point C	Edgewood Enterance	0.024					
	800	BKG	SWZ	0.035	~73°F	Cloudy	asbestos abatement/ cen. Court. Concrete		
		Point A	Roll-Offs	0.041					
		Point B	Courtyard	0.029					
		Point C	Edgewood Enterance	0.025					
	900	BKG	SWZ	0.074	~74°F	Cloudy	asbestos abatement/ cen. Court. Concrete		
		Point A	Roll-Offs	0.057					
		Point B	Courtyard	0.053					
		Point C	Edgewood Enterance	0.031					
	1000	BKG	SWZ	0.047	~76°F	Cloudy	asbestos abatement/ cen. Court. Concrete	traffic	
		Point A	Roll-Offs	0.052					
		Point B	Courtyard	0.044					
		Point C	Edgewood Enterance	0.042					
	1100	BKG	SWZ	0.042	~77°F	Cloudy	asbestos abatement/ cen. Court. Concrete		
		Point A	Roll-Offs	0.059					
		Point B	Courtyard	0.076					
		Point C	Edgewood Enterance	0.021					
	1200	BKG	SWZ	0.077	~78°F	Cloudy	asbestos abatement/ cen. Court. Concrete		
		Point A	Roll-Offs	0.076					
		Point B	Courtyard	0.039					
		Point C	Edgewood Enterance	0.014					
	1300	BKG	SWZ	0.084	~79°F	Cloudy	asbestos abatement/ cen. Court. Concrete		
		Point A	Roll-Offs	0.074					
		Point B	Courtyard	0.073					
		Point C	Edgewood Enterance	0.035					
	1400	BKG	SWZ	0.046	~79°F	Cloudy	Clean Up		
		Point A	Roll-Offs	0.036					
		Point B	Courtyard	0.066					
		Point C	Edgewood Enterance	0.016					

Dust Monitoring Log

Amistad Academy
New Haven, Connecticut

Date	Time	Air-Monitoring Point	Location	Dust	Temperature	Weather	Activity	Notes	Actions Taken
8/13/2010	600	BKG	SWZ	0.021	~72°F	Cloudy	Set Up		
		Point A	Roll-Offs	0.037					
		Point B	Courtyard	0.022					
		Point C	NW edge of Building	0.015					
	700	BKG	SWZ	0.054	~72°F	Cloudy	asbestos abatement/ cen. Court. Concrete		
		Point A	Roll-Offs	0.051					
		Point B	Courtyard	0.048					
		Point C	NW edge of Building	0.020					
	800	BKG	SWZ	0.075	~72°F	Cloudy	asbestos abatement/ cen. Court. Concrete		
		Point A	Roll-Offs	0.037					
		Point B	Courtyard	0.058					
		Point C	NW edge of Building	0.018					
	900	BKG	SWZ	0.062	~73°F	Sunny	asbestos abatement/ cen. Court. Concrete		
		Point A	Roll-Offs	0.069					
		Point B	Courtyard	0.082					
		Point C	NW edge of Building	0.017					
	1000	BKG	SWZ	0.061	~74°F	Sunny	asbestos abatement/ cen. Court. Concrete		
		Point A	Roll-Offs	0.057					
		Point B	Courtyard	0.038					
		Point C	NW edge of Building	0.023					
	1100	BKG	SWZ	0.075	~74°F	Sunny	asbestos abatement/ cen. Court. Concrete		
		Point A	Roll-Offs	0.059					
		Point B	Courtyard	0.066					
		Point C	NW edge of Building	0.027					
	1200	BKG	SWZ	0.052	~76°F	Sunny	asbestos abatement/ cen. Court. Concrete		
		Point A	Roll-Offs	0.063					
		Point B	Courtyard	0.041					
		Point C	NW edge of Building	0.016					
	1300	BKG	SWZ	0.048	~77°F	Sunny	asbestos abatement/ cen. Court. Concrete		
		Point A	Roll-Offs	0.037					
		Point B	Courtyard	0.043					
		Point C	NW edge of Building	0.027					
	1400	BKG	SWZ	0.047	~77°F	Sunny	Clean Up		
		Point A	Roll-Offs	0.074					
		Point B	Courtyard	0.063					
		Point C	NW edge of Building	0.021					

Dust Monitoring Log

Amistad Academy
New Haven, Connecticut

Date	Time	Air-Monitoring Point	Location	Dust	Temperature	Weather	Activity	Notes	Actions Taken
816/2010	600	BKG	SWZ	0.032	~72°F	Rain	Set Up		
		Point A	Eastern Courtyard	0.037					
		Point B	Courtyard	0.021					
		Point C	Edgewood Enterance	0.010					
	700	BKG	SWZ	0.032	~72°F	Rain	West. Court. Concrete/ asbestos/ brick		
		Point A	Eastern Courtyard	0.030					
		Point B	Courtyard	0.025					
		Point C	Edgewood Enterance	0.008					
	800	BKG	SWZ	0.039	~73°F	Cloudy	West. Court. Concrete/ asbestos/ brick		
		Point A	Eastern Courtyard	0.042					
		Point B	Courtyard	0.046					
		Point C	Edgewood Enterance	0.013					
	900	BKG	SWZ	0.036	~74°F	Cloudy	West. Court. Concrete/ asbestos/ brick		
		Point A	Eastern Courtyard	0.046					
		Point B	Courtyard	0.051					
		Point C	Edgewood Enterance	0.019					
	1000	BKG	SWZ	0.041	~77°F	Cloudy	West. Court. Concrete/ asbestos/ brick		
		Point A	Eastern Courtyard	0.028					
		Point B	Courtyard	0.064					
		Point C	Edgewood Enterance	0.012					
	1100	BKG	SWZ	0.038	~79°F	Cloudy	West. Court. Concrete/ asbestos/ brick		
		Point A	Eastern Courtyard	0.026					
		Point B	Courtyard	0.065					
		Point C	Edgewood Enterance	0.011					
	1200	BKG	SWZ	0.048	~80°F	Cloudy	West. Court. Concrete/ asbestos/ brick		
		Point A	Eastern Courtyard	0.055					
		Point B	Courtyard	0.034					
		Point C	Edgewood Enterance	0.019					
	1300	BKG	SWZ	0.043	~82°F	Cloudy	West. Court. Concrete/ asbestos/ brick		
		Point A	Eastern Courtyard	0.047					
		Point B	Courtyard	0.056					
		Point C	Edgewood Enterance	0.023					
	1400	BKG	SWZ	NR	~83°F	Cloudy	Manafort offsite		
		Point A	Eastern Courtyard	NR					
		Point B	Courtyard	NR					
		Point C	Edgewood Enterance	NR					
8/17/2010	600	BKG	SWZ	0.031	~74°F	Cloudy	Set Up		
		Point A	Eastern Courtyard	0.023					
		Point B	Courtyard	0.026					
		Point C	Edgewood Enterance	0.016					
	700	BKG	SWZ	0.042	~75°F	Cloudy	West. Court. Concrete/ asbestos/ brick		
		Point A	Eastern Courtyard	0.046					
		Point B	Courtyard	0.033					
		Point C	Edgewood Enterance	0.018					
	800	BKG	SWZ	0.039	~75°F	Cloudy	West. Court. Concrete/ asbestos/ brick		
		Point A	Eastern Courtyard	0.027					
		Point B	Courtyard	0.053					
		Point C	Edgewood Enterance	0.021					
	900	BKG	SWZ	0.036	~76°F	Cloudy	West. Court. Concrete/ asbestos/ brick		
		Point A	Eastern Courtyard	0.038					
		Point B	Courtyard	0.028					
		Point C	Edgewood Enterance	0.031					
	1000	BKG	SWZ	0.054	~78°F	Cloudy	West. Court. Concrete/ asbestos/ brick		
		Point A	Eastern Courtyard	0.027					
		Point B	Courtyard	0.032					
		Point C	Edgewood Enterance	0.028					
	1100	BKG	SWZ	0.065	~80°F	Cloudy	West. Court. Concrete/ asbestos/ brick		
		Point A	Eastern Courtyard	0.045					
		Point B	Courtyard	0.043					
		Point C	Edgewood Enterance	0.022					
	1200	BKG	SWZ	0.084	~82°F	Sunny	West. Court. Concrete/ asbestos/ brick		
		Point A	Eastern Courtyard	0.058					
		Point B	Courtyard	0.043					
		Point C	Edgewood Enterance	0.027					
	1300	BKG	SWZ	0.043	~84°F	Sunny	West. Court. Concrete/ asbestos/ brick	traffic	
		Point A	Eastern Courtyard	0.065					
		Point B	Courtyard	0.035					
		Point C	Edgewood Enterance	0.024					
	1400	BKG	SWZ	0.053	~85°F	Sunny	Clean Up		
		Point A	Eastern Courtyard	0.045					
		Point B	Courtyard	0.036					
		Point C	Edgewood Enterance	0.022					

Dust Monitoring Log

Amistad Academy
New Haven, Connecticut

Date	Time	Air-Monitoring Point	Location	Dust	Temperature	Weather	Activity	Notes	Actions Taken
8/18/2010	600	BKG	SWZ	0.038	~67°F	Cloudy	Set Up	traffic	
		Point A	Eastern Courtyard	0.036					
		Point B	Courtyard	0.022					
		Point C	Edgewood Enterance	0.043					
	700	BKG	SWZ	0.049	~69°F	Cloudy	Central Court. Soil and brick removal		
		Point A	Eastern Courtyard	0.045					
		Point B	Courtyard	0.053					
		Point C	Edgewood Enterance	0.021					
	800	BKG	SWZ	0.057	~70°F	Cloudy	Central Court. Soil and brick removal		
		Point A	Eastern Courtyard	0.053					
		Point B	Courtyard	0.044					
		Point C	Edgewood Enterance	0.017					
	900	BKG	SWZ	0.051	~73°F	Cloudy/ Rain	Central Court. Soil and brick removal		
		Point A	Eastern Courtyard	0.059					
		Point B	Courtyard	0.055					
		Point C	Edgewood Enterance	0.026					
	1000	BKG	SWZ	0.065	~75°F	Cloudy	Central Court. Soil and brick removal		
		Point A	Eastern Courtyard	0.067					
		Point B	Courtyard	0.036					
		Point C	Edgewood Enterance	0.017					
	1100	BKG	SWZ	0.048	~78°F	Cloudy	Central Court. Soil and brick removal		
		Point A	Eastern Courtyard	0.057					
		Point B	Courtyard	0.063					
		Point C	Edgewood Enterance	0.024					
	1200	BKG	SWZ	0.075	~79°F	Cloudy/ Rain	Central Court. Soil and brick removal		
		Point A	Eastern Courtyard	0.057					
		Point B	Courtyard	0.054					
		Point C	Edgewood Enterance	0.032					
	1300	BKG	SWZ	0.056	~80°F	Cloudy	Central Court. Soil and brick removal		
		Point A	Eastern Courtyard	0.046					
		Point B	Courtyard	0.053					
		Point C	Edgewood Enterance	0.023					
	1400	BKG	SWZ	0.042	~80°F	Sunny	Clean Up		
		Point A	Eastern Courtyard	0.057					
		Point B	Courtyard	0.068					
		Point C	Edgewood Enterance	0.022					
8/19/2010	600	BKG	SWZ	0.054	~65°F	Sunny	Set Up		
		Point A	Roll-Offs	0.063					
		Point B	Courtyard	0.029					
		Point C	Edgewood Enterance	0.019					
	700	BKG	SWZ	0.077	~67°F	Sunny	Cleaning Hallways		
		Point A	Roll-Offs	0.051					
		Point B	Courtyard	0.069					
		Point C	Edgewood Enterance	0.029					
	800	BKG	SWZ	0.078	~68°F	Sunny	Footer/ Foundation Contact Points		
		Point A	Roll-Offs	0.045					
		Point B	Courtyard	0.092					
		Point C	Edgewood Enterance	0.031					
	900	BKG	SWZ	0.126	~71°F	Sunny	Footer/ Foundation Contact Points	breezy	
		Point A	Roll-Offs	0.082					
		Point B	Courtyard	0.059					
		Point C	Edgewood Enterance	0.024					
	1000	BKG	SWZ	0.103	~75°F	Sunny	Footer/ Foundation Contact Points	breezy	
		Point A	Roll-Offs	0.093					
		Point B	Courtyard	0.075					
		Point C	Edgewood Enterance	0.033					
	1100	BKG	SWZ	0.065	~79°F	Sunny	Footer/ Foundation Contact Points		
		Point A	Roll-Offs	0.034					
		Point B	Courtyard	0.045					
		Point C	Edgewood Enterance	0.014					
	1200	BKG	SWZ	0.088	~81°F	Sunny	NE Doorway/ Chipping in Cen Court.		
		Point A	Roll-Offs	0.058					
		Point B	Courtyard	0.049					
		Point C	Edgewood Enterance	0.018					
	1300	BKG	SWZ	0.115	~82°F	Sunny	NE Doorway/ Chipping in Cen Court.	wind	
		Point A	Roll-Offs	0.086					
		Point B	Courtyard	0.062					
		Point C	Edgewood Enterance	0.039					
	1400	BKG	SWZ	0.065	~83°F	Sunny	Clean Up		
		Point A	Roll-Offs	0.037					
		Point B	Courtyard	0.032					
		Point C	Edgewood Enterance	0.028					

Dust Monitoring Log

Amistad Academy
New Haven, Connecticut

Date	Time	Air-Monitoring Point	Location	Dust	Temperature	Weather	Activity	Notes	Actions Taken
8/20/2010	600	BKG	SWZ	0.034	~67°F	Cloudy	Set Up		
		Point A	Roll-Offs	0.028					
		Point B	Courtyard	0.024					
		Point C	NW edge of Building	0.009					
	700	BKG	SWZ	0.085	~70°F	Cloudy	North Soil Removal		
		Point A	Roll-Offs	0.058					
		Point B	Courtyard	0.047					
		Point C	NW edge of Building	0.018					
	800	BKG	SWZ	0.043	~71°F	Sunny	North Soil Removal		
		Point A	Roll-Offs	0.048					
		Point B	Courtyard	0.027					
		Point C	NW edge of Building	0.015					
	900	BKG	SWZ	0.043	~73°F	Cloudy	Central Court. Chipping		
		Point A	Roll-Offs	0.057					
		Point B	Courtyard	0.032					
		Point C	NW edge of Building	0.012					
	1000	BKG	SWZ	0.064	~76°F	Cloudy	Central Court. Chipping		
		Point A	Roll-Offs	0.066					
		Point B	Courtyard	0.074					
		Point C	NW edge of Building	0.017					
	1100	BKG	SWZ	0.074	~79°F	Sunny	NE Doorway brick removal		
		Point A	Roll-Offs	0.043					
		Point B	Courtyard	0.052					
		Point C	NW edge of Building	0.021					
	1200	BKG	SWZ	0.055	~81°F	Cloudy	NE Doorway brick removal		
		Point A	Roll-Offs	0.057					
		Point B	Courtyard	0.046					
		Point C	NW edge of Building	0.023					
	1300	BKG	SWZ	0.045	~82°F	Cloudy	NE Doorway brick removal		
		Point A	Roll-Offs	0.051					
		Point B	Courtyard	0.035					
		Point C	NW edge of Building	0.014					
	1400	BKG	SWZ	0.059	~83°F	Sunny	Clean Up		
		Point A	Roll-Offs	0.063					
		Point B	Courtyard	0.042					
		Point C	NW edge of Building	0.014					

Dust Monitoring Log

Amistad Academy
New Haven, Connecticut

Date	Time	Air-Monitoring Point	Location	Dust	Temperature	Weather	Activity	Notes	Actions Taken
8/23/2010	600	BKG	SWZ	0.028	~70°F	Rain	Set Up		
		Point A	Eastern Courtyard	0.014					
		Point B	Courtyard	0.008					
		Point C	Edgewood Enterance	0.002					
	700	BKG	SWZ	0.019	~70°F	Rain	NE Doorway Brick Removal		
		Point A	Eastern Courtyard	0.013					
		Point B	Courtyard	0.004					
		Point C	Edgewood Enterance	0.000					
	800	BKG	SWZ	0.047	~70°F	Rain	NE Doorway Brick Removal		
		Point A	Eastern Courtyard	0.026					
		Point B	Courtyard	0.017					
		Point C	Edgewood Enterance	0.021					
	900	BKG	SWZ	0.037	~70°F	Rain	Western Courtyard Brick Wall		
		Point A	Eastern Courtyard	0.025					
		Point B	Courtyard	0.022					
		Point C	Edgewood Enterance	0.018					
	1000	BKG	SWZ	0.035	~72°F	Cloudy	Western Courtyard Brick Wall		
		Point A	Eastern Courtyard	0.044					
		Point B	Courtyard	0.029					
		Point C	Edgewood Enterance	0.013					
	1100	BKG	SWZ	0.042	~72°F	Cloudy	Western Courtyard Brick Wall		
		Point A	Eastern Courtyard	0.037					
		Point B	Courtyard	0.013					
		Point C	Edgewood Enterance	0.019					
	1200	BKG	SWZ	0.033	~72°F	Cloudy	Western Courtyard Brick Wall		
		Point A	Eastern Courtyard	0.040					
		Point B	Courtyard	0.031					
		Point C	Edgewood Enterance	0.021					
	1300	BKG	SWZ	0.067	~72°F	Cloudy	Western Courtyard Brick Wall		
		Point A	Eastern Courtyard	0.077					
		Point B	Courtyard	0.043					
		Point C	Edgewood Enterance	0.012					
	1400	BKG	SWZ	0.074	~72°F	Cloudy	Clean Up		
		Point A	Eastern Courtyard	0.053					
		Point B	Courtyard	0.037					
		Point C	Edgewood Enterance	0.023					
8/24/2010	600	BKG	SWZ	0.025	~64°F	Cloudy	Set Up		
		Point A	Eastern Courtyard	0.028					
		Point B	Courtyard	0.022					
		Point C	Edgewood Enterance	0.010					
	700	BKG	SWZ	0.034	~65°F	Cloudy	Western Courtyard Footer/Foundation		
		Point A	Eastern Courtyard	0.027					
		Point B	Courtyard	0.031					
		Point C	Edgewood Enterance	0.019					
	800	BKG	SWZ	0.075	~65°F	Cloudy	Western Courtyard Footer/Foundation	breezy	
		Point A	Eastern Courtyard	0.067					
		Point B	Courtyard	0.043					
		Point C	Edgewood Enterance	0.028					
	900	BKG	SWZ	0.083	~66°F	Cloudy	Western Courtyard Brick Wall	breezy	
		Point A	Eastern Courtyard	0.071					
		Point B	Courtyard	0.034					
		Point C	Edgewood Enterance	0.021					
	1000	BKG	SWZ	0.087	~68°F	Cloudy	Western Courtyard Brick Wall		
		Point A	Eastern Courtyard	0.075					
		Point B	Courtyard	0.045					
		Point C	Edgewood Enterance	0.026					
	1100	BKG	SWZ	0.044	~69°F	Cloudy	SE Doorway Concrete removal		
		Point A	Eastern Courtyard	0.056					
		Point B	Courtyard	0.028					
		Point C	Edgewood Enterance	0.022					
	1200	BKG	SWZ	0.082	~70°F	Cloudy	SE Doorway Concrete removal		
		Point A	Eastern Courtyard	0.067					
		Point B	Courtyard	0.033					
		Point C	Edgewood Enterance	0.014					
	1300	BKG	SWZ	0.078	~69°F	Cloudy	Misc. Cleaning		
		Point A	Eastern Courtyard	0.059					
		Point B	Courtyard	0.041					
		Point C	Edgewood Enterance	0.018					
	1400	BKG	SWZ	0.048	~69°F	Cloudy	Clean Up		
		Point A	Eastern Courtyard	0.042					
		Point B	Courtyard	0.025					
		Point C	Edgewood Enterance	0.016					

Dust Monitoring Log

Amistad Academy
New Haven, Connecticut

Date	Time	Air-Monitoring Point	Location	Dust	Temperature	Weather	Activity	Notes	Actions Taken
8/25/2010	600	BKG	SWZ	0.015	~66°F	Cloudy	Set Up		
		Point A	Eastern Courtyard	0.018					
		Point B	Courtyard	0.012					
		Point C	Edgewood Enterance	0.007					
	700	BKG	SWZ	0.031	~66°F	Cloudy	Eastern Courtyard Brick Removal		
		Point A	Eastern Courtyard	0.027					
		Point B	Courtyard	0.024					
		Point C	Edgewood Enterance	0.017					
	800	BKG	SWZ	0.034	~67°F	Cloudy	Eastern Courtyard Brick Removal		
		Point A	Eastern Courtyard	0.037					
		Point B	Courtyard	0.018					
		Point C	Edgewood Enterance	0.009					
	900	BKG	SWZ	0.042	~69°F	Cloudy	Western Courtyard Soil Removal		
		Point A	Eastern Courtyard	0.046					
		Point B	Courtyard	0.030					
		Point C	Edgewood Enterance	0.014					
	1000	BKG	SWZ	0.037	~69°F	Cloudy	Western Courtyard Soil Removal		
		Point A	Eastern Courtyard	0.043					
		Point B	Courtyard	0.048					
		Point C	Edgewood Enterance	0.020					
	1100	BKG	SWZ	0.056	~70°F	Cloudy	Western Courtyard Soil Removal		
		Point A	Eastern Courtyard	0.050					
		Point B	Courtyard	0.028					
		Point C	Edgewood Enterance	0.009					
	1200	BKG	SWZ	0.043	~71°F	Sunny	Misc. Cleaning		
		Point A	Eastern Courtyard	0.048					
		Point B	Courtyard	0.026					
		Point C	Edgewood Enterance	0.013					
	1300	BKG	SWZ	0.041	~72°F	Cloudy	Misc. Cleaning		
		Point A	Eastern Courtyard	0.046					
		Point B	Courtyard	0.033					
		Point C	Edgewood Enterance	0.010					
	1400	BKG	SWZ	0.053	~73°F	Cloudy	Clean Up		
		Point A	Eastern Courtyard	0.035					
		Point B	Courtyard	0.270					
		Point C	Edgewood Enterance	0.013					
8/26/2010	600	BKG	SWZ	0.027	~66°F	Cloudy	Set Up		
		Point A	Roll-Offs	0.026					
		Point B	Courtyard	0.014					
		Point C	Edgewood Enterance	0.007					
	700	BKG	SWZ	0.034	~69°F	Cloudy	Waste Transport		
		Point A	Roll-Offs	0.032					
		Point B	Courtyard	0.022					
		Point C	Edgewood Enterance	0.016					
	800	BKG	SWZ	0.035	~70°F	Sunny	Asbestos work in NE doorway		
		Point A	Roll-Offs	0.026					
		Point B	Courtyard	0.016					
		Point C	Edgewood Enterance	0.011					
	900	BKG	SWZ	0.045	~73°F	Sunny	Asbestos work in NE doorway		
		Point A	Roll-Offs	0.036					
		Point B	Courtyard	0.022					
		Point C	Edgewood Enterance	0.028					
	1000	BKG	SWZ	0.042	~75°F	Sunny	Central Courtyard Additional chipping		
		Point A	Roll-Offs	0.035					
		Point B	Courtyard	0.044					
		Point C	Edgewood Enterance	0.020					
	1100	BKG	SWZ	0.048	~77°F	Sunny	Central Courtyard Additional chipping		
		Point A	Roll-Offs	0.032					
		Point B	Courtyard	0.046					
		Point C	Edgewood Enterance	0.012					
	1200	BKG	SWZ	0.044	~81°F	Sunny	Central Courtyard Additional chipping		
		Point A	Roll-Offs	0.028					
		Point B	Courtyard	0.051					
		Point C	Edgewood Enterance	0.014					
	1300	BKG	SWZ	0.065	~82°F	Cloudy	Central Courtyard Additional chipping		
		Point A	Roll-Offs	0.048					
		Point B	Courtyard	0.051					
		Point C	Edgewood Enterance	0.016					
	1400	BKG	SWZ	0.043	~83°F	Cloudy	Clean Up		
		Point A	Roll-Offs	0.035					
		Point B	Courtyard	0.023					
		Point C	Edgewood Enterance	0.014					

Dust Monitoring Log

Amistad Academy
New Haven, Connecticut

Date	Time	Air-Monitoring Point	Location	Dust	Temperature	Weather	Activity	Notes	Actions Taken
8/27/2010	600	BKG	SWZ	0.040	~69°F	Cloudy	Set Up	traffic	
		Point A	Roll-Offs	0.056					
		Point B	Courtyard	0.024					
		Point C	NW edge of Building	0.010					
	700	BKG	SWZ	0.028	~70°F	Sunny	Central Courtyard Additional chipping		
		Point A	Roll-Offs	0.034					
		Point B	Courtyard	0.029					
		Point C	NW edge of Building	0.009					
	800	BKG	SWZ	0.046	~72°F	Sunny	Central Courtyard Additional chipping		
		Point A	Roll-Offs	0.042					
		Point B	Courtyard	0.056					
		Point C	NW edge of Building	0.012					
	900	BKG	SWZ	NR	~72°F	Sunny	Clean Up		
		Point A	Roll-Offs	NR					
		Point B	Courtyard	NR					
		Point C	NW edge of Building	NR					

APPENDIX C: ANALYTICAL LABORATORY REPORTS

(SEE ATTACHED CD)

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

May 28, 2010

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

RE: Analytical Results Case Narrative
Analytics # 66731
Amistad Proj.# 223019

Dear Mr. Franklin;

Enclosed please find the analytical results for samples submitted for the above-mentioned project. The attached Cover Page lists the sample IDs, Lab tracking numbers and collection dates for the samples included in this deliverable.

Samples were analyzed for Polychlorinated Biphenyls (PCBs) by EPA Method 8082.

Unless otherwise noted in the Non-conformance Summary listed below, all of the quality control (QC) criteria including initial calibration, calibration verification, surrogate recovery, holding time and method accuracy/precision for these analyses were within acceptable limits.

This Level II data package has been assembled in the following order:

Case Narrative/Non-Conformance Summary
Sample Log Sheet - Cover Page
PCB Form 1 Data Sheet for Samples and Blanks
Chromatograms
PCB Form 10 Confirmation Results
PCB Form 3 MS/MSD (LCS) Recoveries
Chain of Custody (COC) Forms

QC NON-CONFORMANCE SUMMARY

Sample Receipt:
No exceptions.

PCBs by EPA Method 8082:
No results were reported below the quantitation limit.

All samples required dilution for due to matrix affect.

The laboratory control samples (L052410PSOX/LD052410PSOX) had high recovery for PCB 1016 on column#2. Column #1 was in control for all analytes. Results were reported without qualification.

The continuing calibration standard (file# L17069SC and L17082SC) had high recovery for Decachlorobiphenyl on column#1 but was in control for column #2. Results were reported off of column#2 without qualification.

If you have any questions on these results, please do not hesitate to contact me.

Sincerely,
ANALYTICS Environmental Laboratory, LLC

Stephen L. Knollmeyer
Laboratory Director

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

Report Number: 66731

Revision: Rev. 0

Re: AMISTAD ACADEMY (Project No: 223019)

Enclosed are the results of the analyses on your sample(s). Samples were received on 22 May 2010 and analyzed for the tests listed. Samples were received in acceptable condition, with the exceptions noted below or on the chain of custody. These results pertain to samples as received by the laboratory and for the analytical tests requested on the chain of custody. The results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report. Please see individual reports for specific methodologies and references.

Sample Analysis: The attached pages detail the Client Sample IDs, Lab Sample IDs, and Analyses requested

Sample Receipt Exceptions: None

Analytics Environmental Laboratory is certified by the states of New Hampshire, Maine, Massachusetts, Connecticut, Rhode Island, Virginia, Maryland, and is accredited by the Deparment of Defense (DOD) ELAP program. A list of actual certified parameters is available upon request.

If you have any questions on these results, please do not hesitate to contact us.

Authorized signature _____
Stephen L. Knollmeyer Lab. Director

Date 05/28/2010

This report shall not be reproduced, except in full, without the written consent of Analytics Environmental Laboratory, LLC.

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

CLIENT: Woodard & Curran **REPORT NUMBER: 66731** **REV: Rev. 0**

PROJECT: AMISTAD ACADEMY (Project No: 223019)

Lab Number	Sample Date	Station Location	Analysis	Comments
66731-1	05/21/10	AA-VCS-001	EPA 8082 (PCBs only)	
66731-2	05/21/10	AA-VCS-002	EPA 8082 (PCBs only)	
66731-3	05/21/10	AA-VCS-003	EPA 8082 (PCBs only)	
66731-4	05/21/10	AA-VCS-004	EPA 8082 (PCBs only)	
66731-5	05/21/10	AA-VCS-005	EPA 8082 (PCBs only)	
66731-6	05/21/10	AA-VCS-006	EPA 8082 (PCBs only)	
66731-7	05/21/10	AA-VCS-007	EPA 8082 (PCBs only)	
66731-8	05/21/10	AA-VCS-008	EPA 8082 (PCBs only)	
66731-9	05/21/10	AA-VCS-009	EPA 8082 (PCBs only)	
66731-10	05/21/10	AA-VCS-010	EPA 8082 (PCBs only)	
66731-11	05/21/10	AA-VCS-011	EPA 8082 (PCBs only)	
66731-12	05/21/10	AA-VCS-012	EPA 8082 (PCBs only)	
66731-13	05/21/10	AA-VCS-013	Electronic Data Deliverable	
	05/21/10	AA-VCS-013	EPA 8082 (PCBs only)	

analytics environmental laboratory LLC

Surrogate Compound Limits

Matrix:	Aqueous	Solid	
Units:	% Recovery	% Recovery	Method
Volatile Organic Compounds - Drinking Water			
1,4-Difluorobenzene	70-130		EPA 524.2
Bromofluorobenzene	70-130		
1,2-Dichlorobenzene-d4	70-130		
Volatile Organic Compounds			
1,2-Dichloroethane-d4	70-120	70-120	EPA 624/8260B
Toluene-d8	85-120	85-120	
Bromofluorobenzene	75-120	75-120	
Semi-Volatile Organic Compounds			
2-Fluorophenol	20-110	35-105	EPA 625/8270C
d5-Phenol	15-110	40-100	
d5-nitrobenzene	40-110	35-100	
2-Fluorobiphenyl	50-110	45-105	
2,4,6-Tribromophenol	40-110	40-125	
d14-p-terphenyl	50-130	30-125	
PAH's by SIM			
d5-nitrobenzene	21-110	35-110	EPA 8270C
2-Fluorobiphenyl	36-121	45-105	
d14-p-terphenyl	33-141	30-125	
Pesticides and PCBs			
2,4,5,6-Tetrachloro-m-xylene (TCX)	46-122	40-130	EPA 608/8082
Decachlorobiphenyl (DCB)	40-135	40-130	
Herbicides			
Dichloroacetic acid (DCAA0	30-150	30-150	
Gasoline Range Organics/TPH Gasoline			
Trifluorotoluene TFT (FID)	60-140	60-140	MEDEP 4217/EPA 8015
Bromofluorobenzene (BFB) (FID)	60-140	60-140	
Trifluorotoluene TFT (PID)	60-140	60-140	
Bromofluorobenzene (BFB) (PID)	60-140	60-140	
Diesel Range Organics/TPH Diesel			
m-terphenyl	60-140	60-140	MEDEP 4125/EPA 8015/CT ETPH

PCB
DATA SUMMARIES

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

May 28, 2010

SAMPLE DATA

Lab Sample ID: B052410PSOX2
Matrix: Soil
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date:
Lab Receipt Date:
Extraction Date: 05/24/10
Analysis Date: 05/27/10

CLIENT SAMPLE ID

Project Name: AMISTAD ACADEMY
Project Number: 223019
Field Sample ID: Lab QC

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	86	%
Decachlorobiphenyl	98	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.
Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

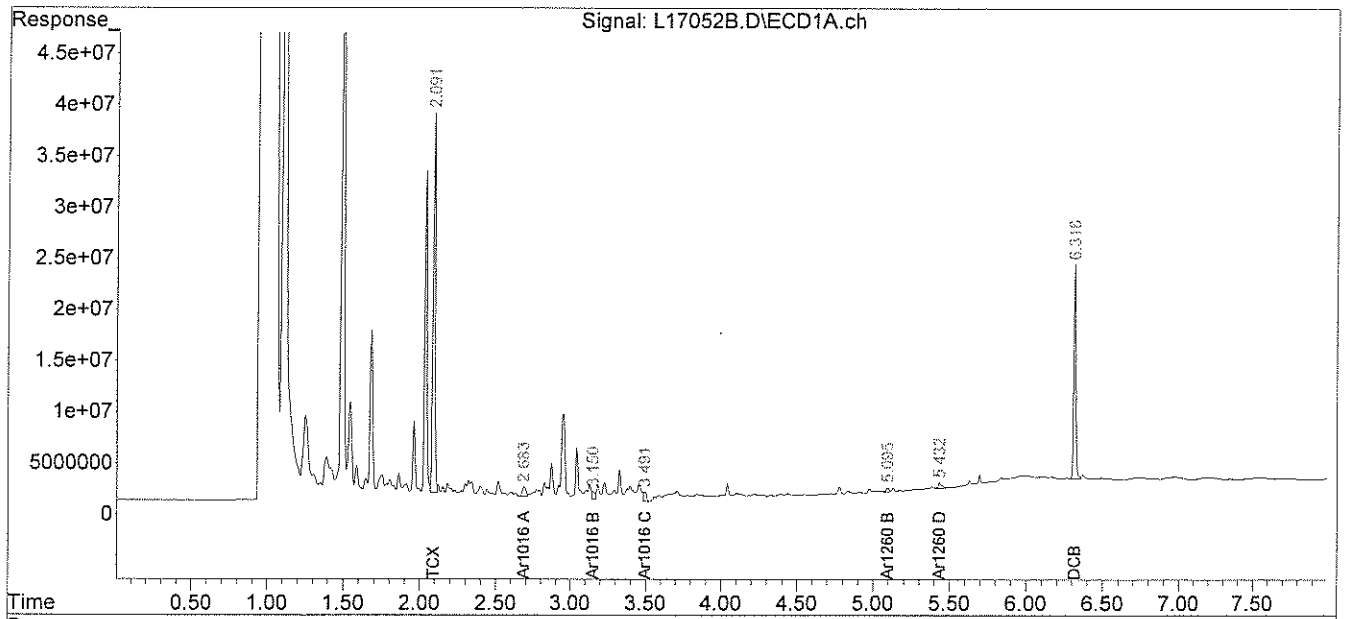
Quantitation Report (Not Reviewed)

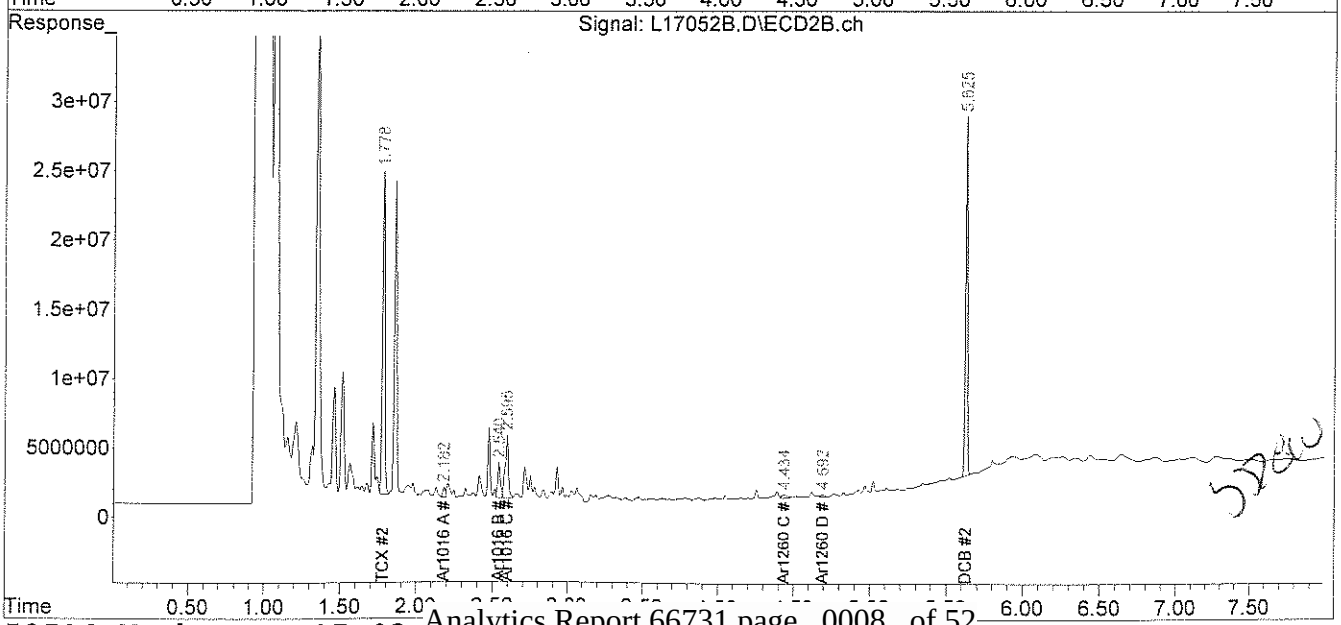
Data Path : C:\msdchem\1\DATA\052510-L\
Data File : L17052B.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 May 10 12:30 am
Operator : MG/AR
Sample : B052410PSOX2
Misc : SOIL
ALS Vial : 67 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 27 03:51:10 2010
Quant Method : C:\msdchem\1\METHODS\PCB052510.M
Quant Title : SW-846 8082 /EPA 608 Aroclor 1016/1260
QLast Update : Wed May 26 23:37:13 2010
Response via : Initial Calibration
Integrator: ChemStation

MK 5/27/10

Volume Inj. : 2 ul
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPEstides
Signal #1 Info : 30m x0.25 mm x 0. Signal #2 Info : 30m x0.25 mm, 0.25um





analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

May 28, 2010

SAMPLE DATA

CLIENT SAMPLE ID

Project Name: AMISTAD ACADEMY

Project Number: 223019

Field Sample ID: Lab QC

Lab Sample ID: B052410PSOX2 RR
Matrix: Soil
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date:
Lab Receipt Date:
Extraction Date: 05/24/10
Analysis Date: 05/27/10

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	89	%
Decachlorobiphenyl	114	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB Report

Authorized signature

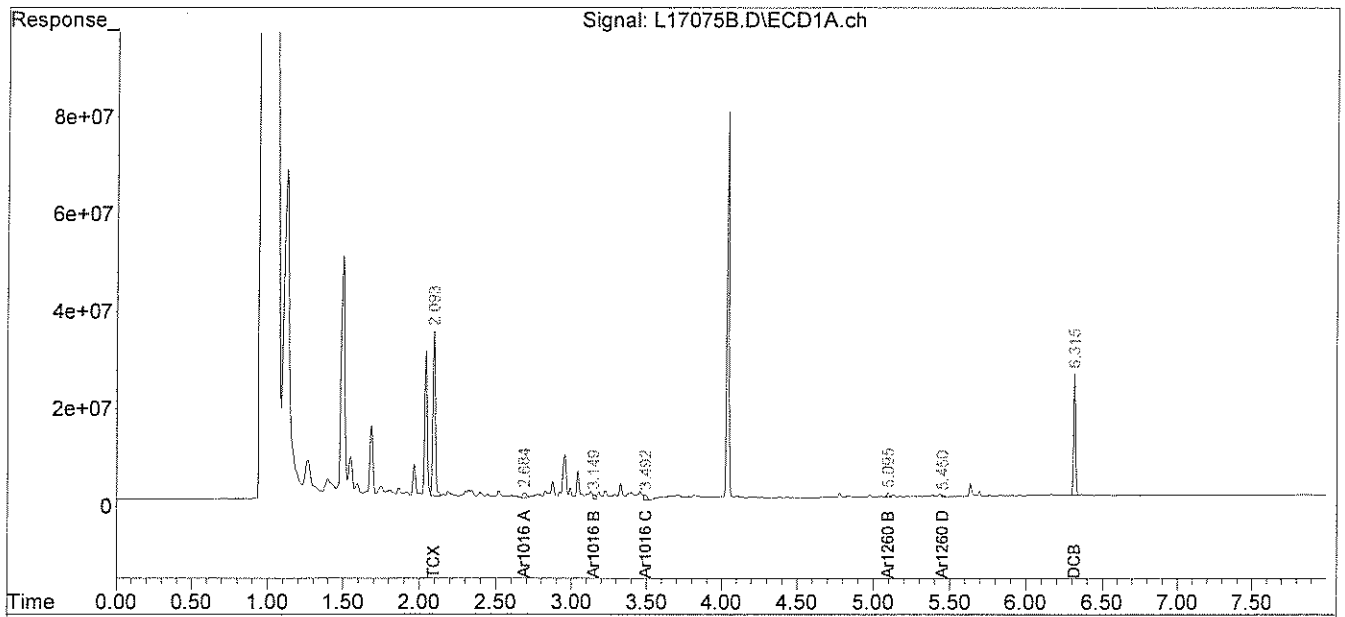
Quantitation Report (Not Reviewed)

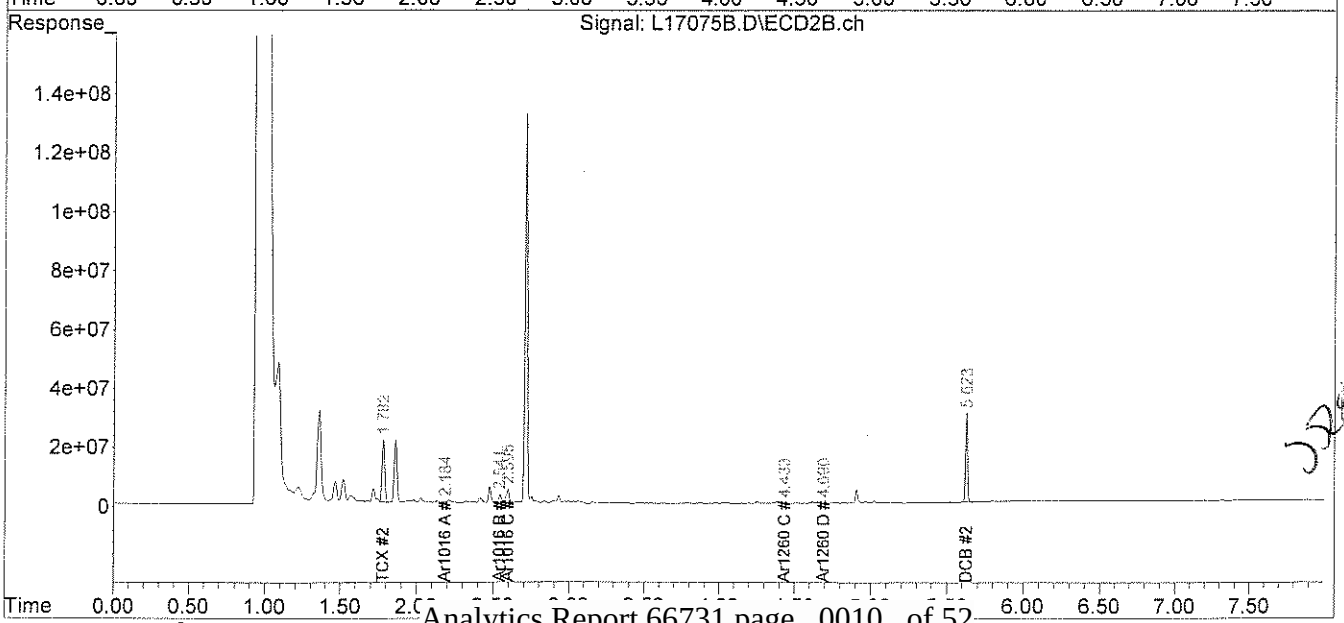
Data Path : C:\msdchem\1\DATA\052510-L\
Data File : L17075B.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 May 10 5:28 am
Operator : MG/AR
Sample : B052410PSOX2,,RR
Misc : SOIL
ALS Vial : 67 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 27 15:20:57 2010
Quant Method : C:\msdchem\1\METHODS\PCB052510.M
Quant Title : SW-846 8082 /EPA 608 Aroclor 1016/1260
QLast Update : Wed May 26 23:37:13 2010
Response via : Initial Calibration
Integrator: ChemStation

JL 05-26-10

Volume Inj. : 2 ul
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPEstides
Signal #1 Info : 30m x0.25 mm x 0. Signal #2 Info : 30m x0.25 mm, 0.25um





JL 5-28-10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

May 28, 2010

SAMPLE DATA

Lab Sample ID:	66731-1
Matrix:	Solid
Percent Solid:	89
Dilution Factor:	11
Collection Date:	05/21/10
Lab Receipt Date:	05/22/10
Extraction Date:	05/24/10
Analysis Date:	05/27/10

CLIENT SAMPLE ID

Project Name:	AMISTAD ACADEMY
Project Number:	223019
Field Sample ID:	AA-VCS-001

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	360	U
PCB-1221	360	U
PCB-1232	360	U
PCB-1242	360	U
PCB-1248	360	U
PCB-1254	360	**363**
PCB-1260	360	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	92	%
Decachlorobiphenyl	82	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: L
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 66731
Sample: 66731-1,10X
Data File: L17055.D
Dilution Factor: 10.6

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	363	314	14.3	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

PCB FORM 10

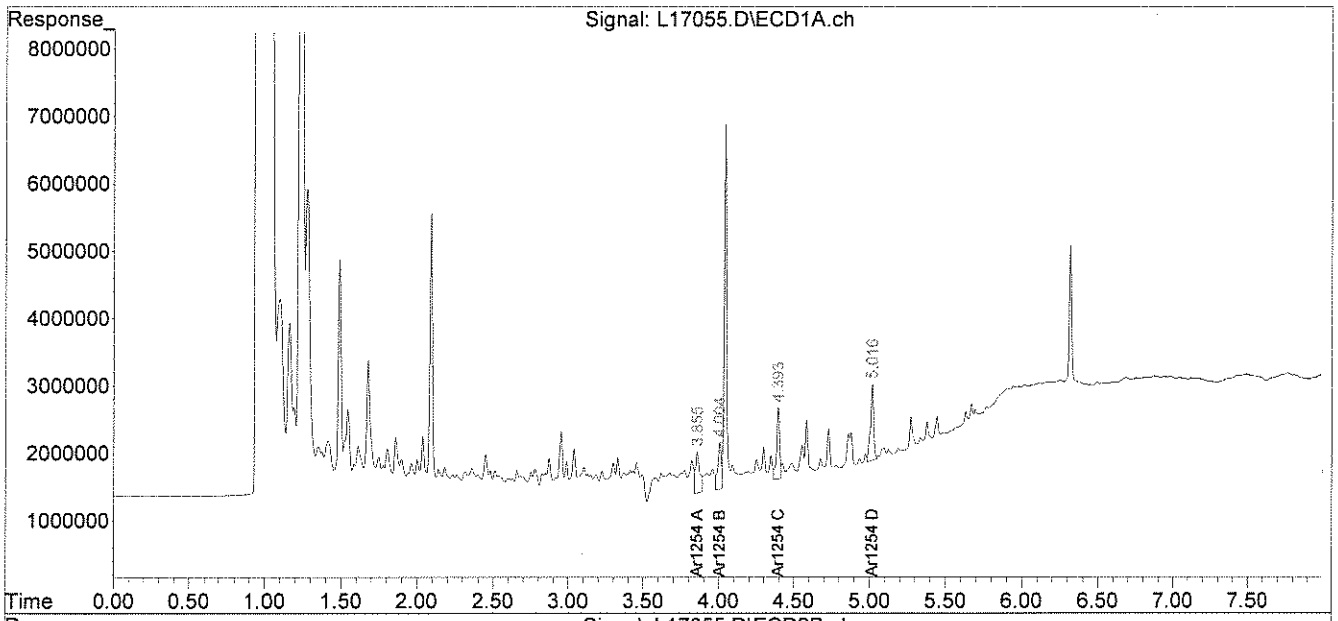
Quantitation Report (Not Reviewed)

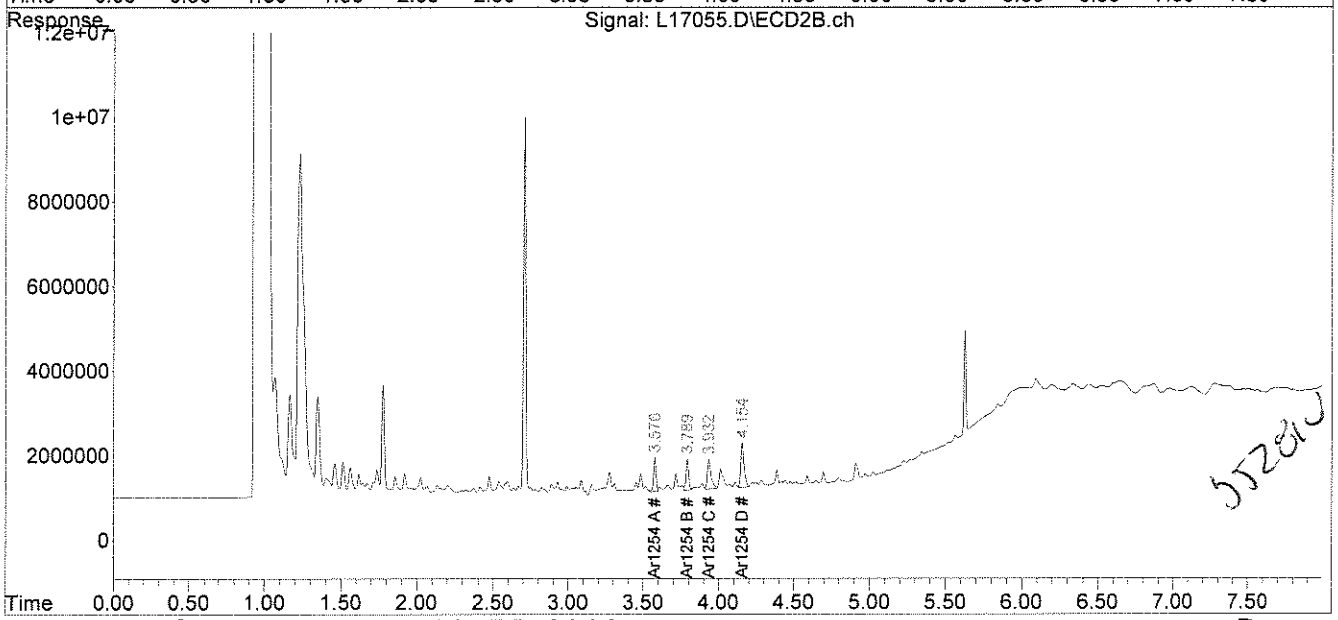
Data Path : C:\msdchem\1\DATA\052510-L\
Data File : L17055.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 May 10 1:01 am
Operator : MG/AR
Sample : 66731-1,10X
Misc : SOIL
ALS Vial : 70 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: May 27 04:02:55 2010
Quant Method : C:\msdchem\1\METHODS\54SP52510.M
Quant Title :
QLast Update : Thu May 27 03:49:47 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

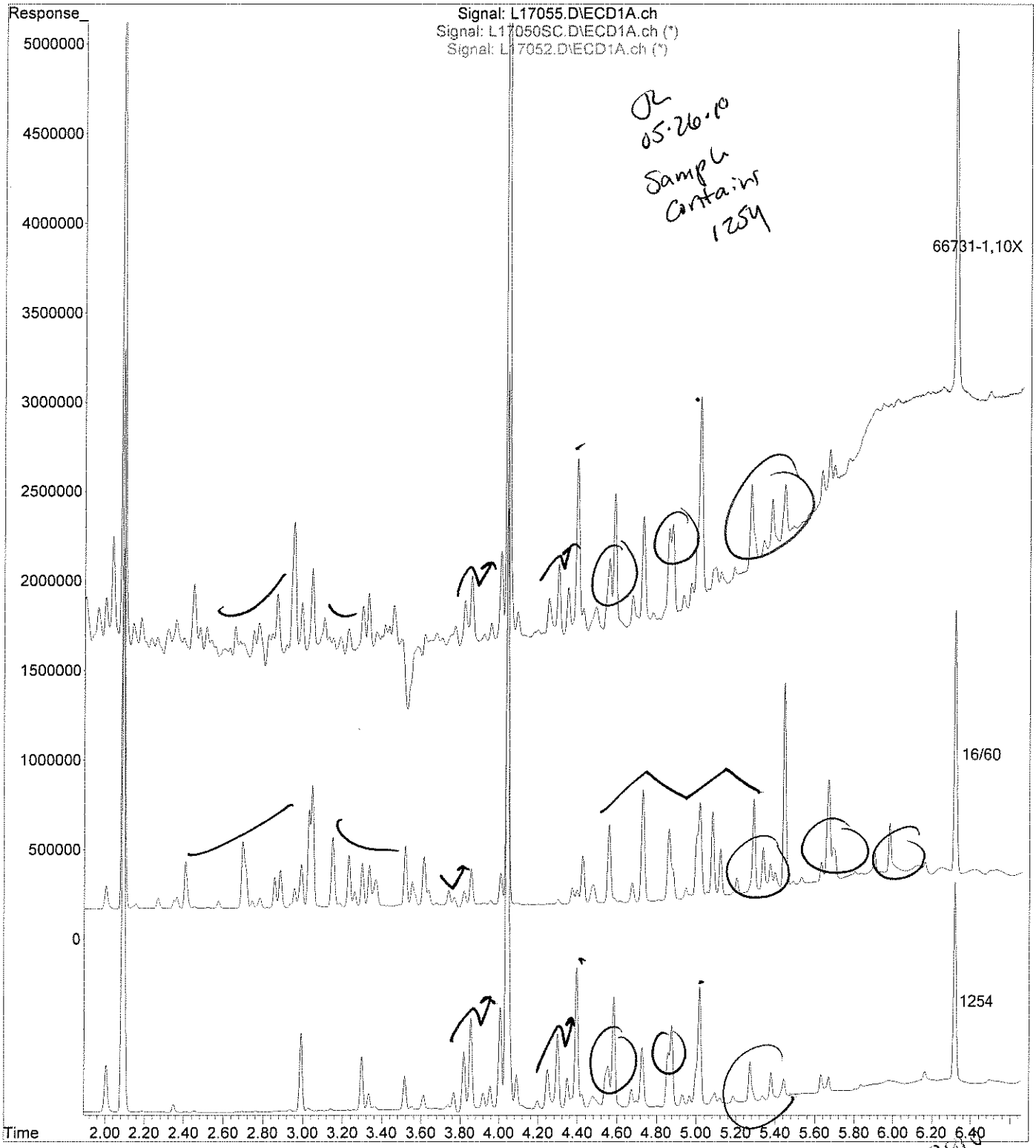
UL 05.26.10





5528

File :C:\msdchem\1\DATA\052510-L\L17055.D
Operator : MG/AR
Acquired : 27 May 10 1:01 am using AcqMethod PEST.M
Instrument : Inst L
Sample Name: 66731-1,10X
Misc Info : SOIL
Vial Number: 70



JL 05.26.10
Sample Contains 1254

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

May 28, 2010

SAMPLE DATA

Lab Sample ID:	66731-2
Matrix:	Solid
Percent Solid:	99
Dilution Factor:	10
Collection Date:	05/21/10
Lab Receipt Date:	05/22/10
Extraction Date:	05/24/10
Analysis Date:	05/27/10

CLIENT SAMPLE ID

Project Name:	AMISTAD ACADEMY
Project Number:	223019
Field Sample ID:	AA-VCS-002

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	330	U
PCB-1221	330	U
PCB-1232	330	U
PCB-1242	330	U
PCB-1248	330	U
PCB-1254	330	**444**
PCB-1260	330	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	96	%
Decachlorobiphenyl	99	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: L
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 66731
Sample: 66731-2,10X
Data File: L17056.D
Dilution Factor: 10.0

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	444	433	2.5	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

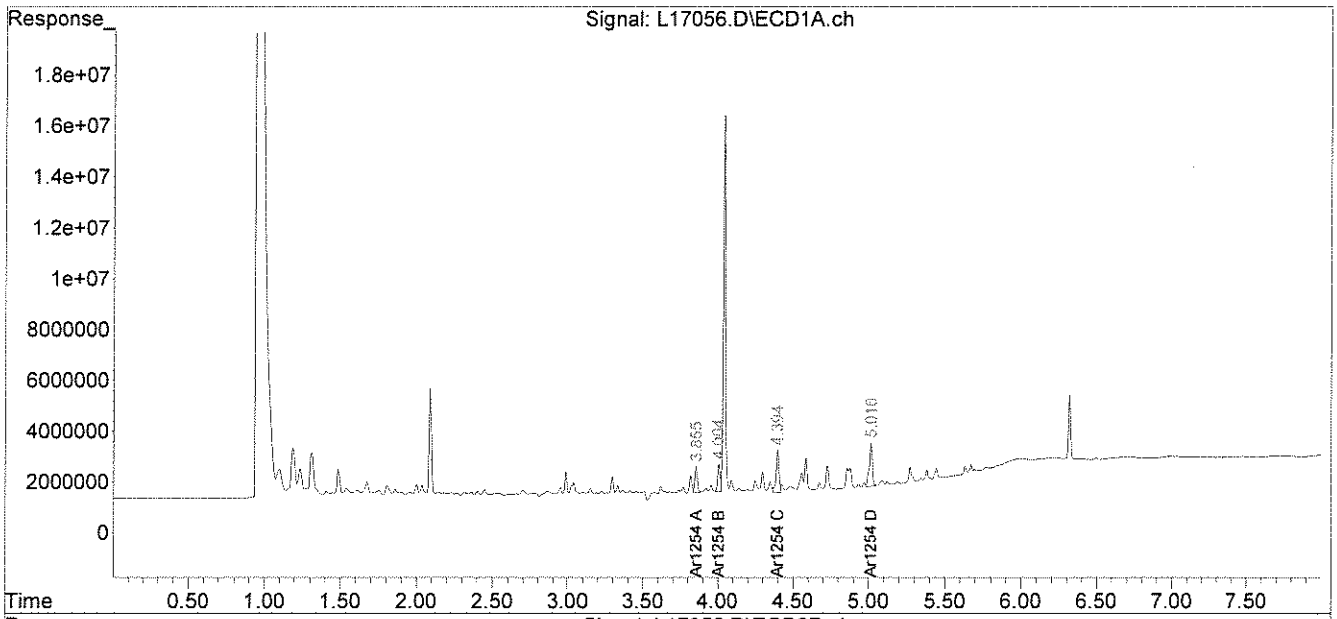
PCB FORM 10

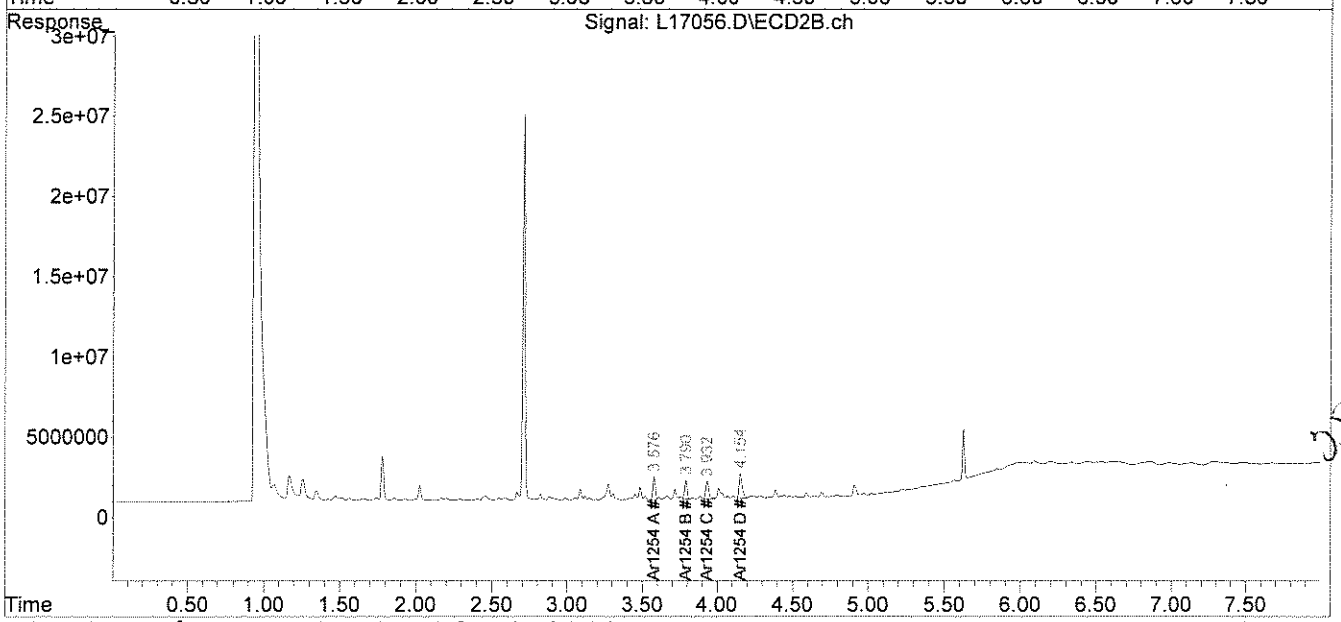
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\052510-L\
Data File : L17056.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 May 10 1:11 am
Operator : MG/AR
Sample : 66731-2,10X
Misc : SOIL
ALS Vial : 71 Sample Multiplier: 1

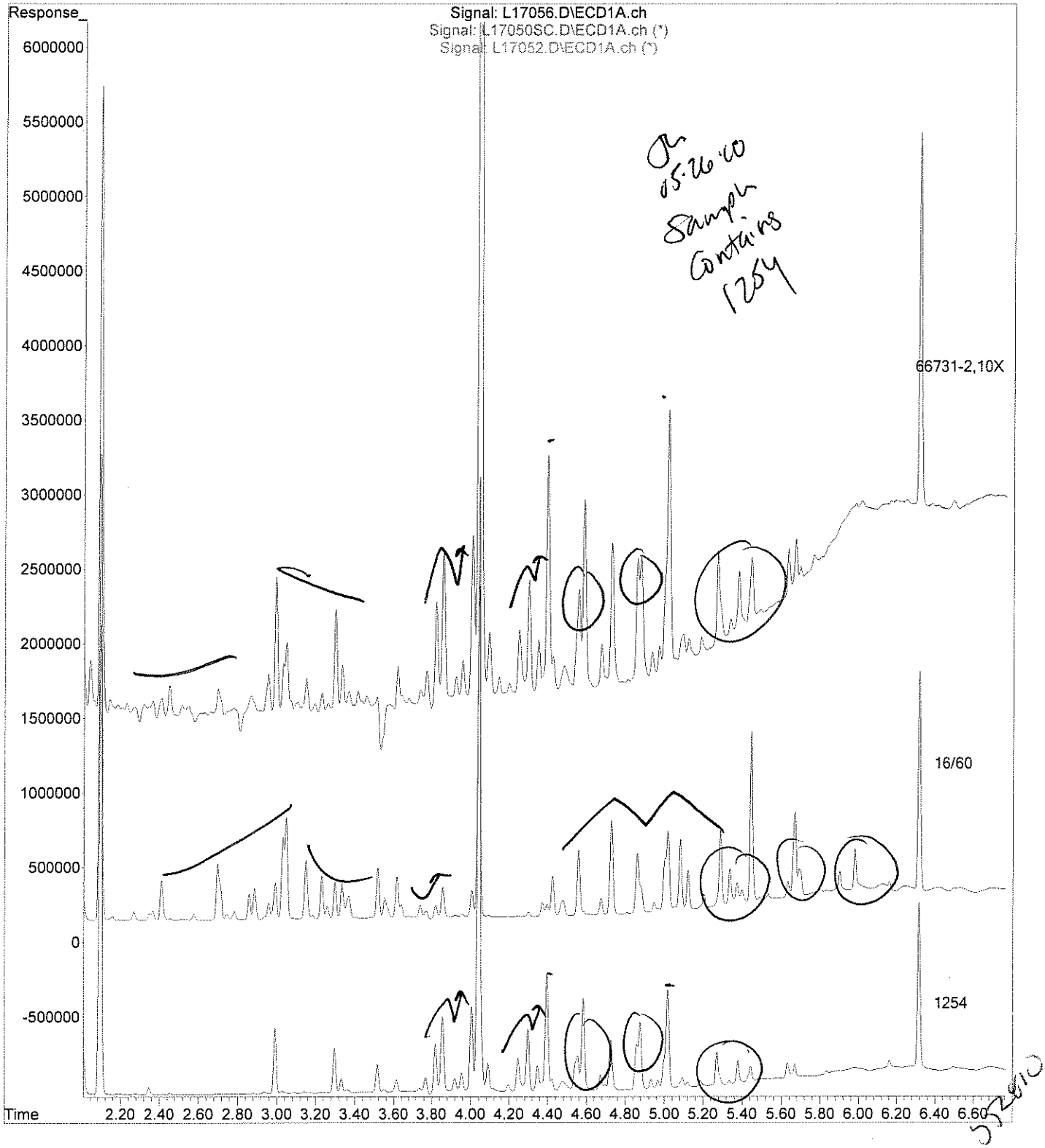
Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: May 27 14:16:29 2010
Quant Method : C:\msdchem\1\METHODS\54SP52510.M
Quant Title :
QLast Update : Thu May 27 03:49:47 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





File :C:\msdchem\1\DATA\052510-L\L17056.D
Operator : MG/AR
Acquired : 27 May 10 1:11 am using AcqMethod PEST.M
Instrument : Inst L
Sample Name: 66731-2,10X
Misc Info : SOIL
Vial Number: 71



analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

May 28, 2010

SAMPLE DATA

Lab Sample ID:	66731-3
Matrix:	Solid
Percent Solid:	98
Dilution Factor:	10
Collection Date:	05/21/10
Lab Receipt Date:	05/22/10
Extraction Date:	05/24/10
Analysis Date:	05/27/10

CLIENT SAMPLE ID

Project Name:	AMISTAD ACADEMY
Project Number:	223019
Field Sample ID:	AA-VCS-003

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	330	U
PCB-1221	330	U
PCB-1232	330	U
PCB-1242	330	U
PCB-1248	330	U
PCB-1254	330	**367**
PCB-1260	330	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	82	%
Decachlorobiphenyl	81	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: L
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 66731
Sample: 66731-3,10X
Data File: L17057.D
Dilution Factor: 9.5

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	351	367	4.4	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

PCB FORM 10

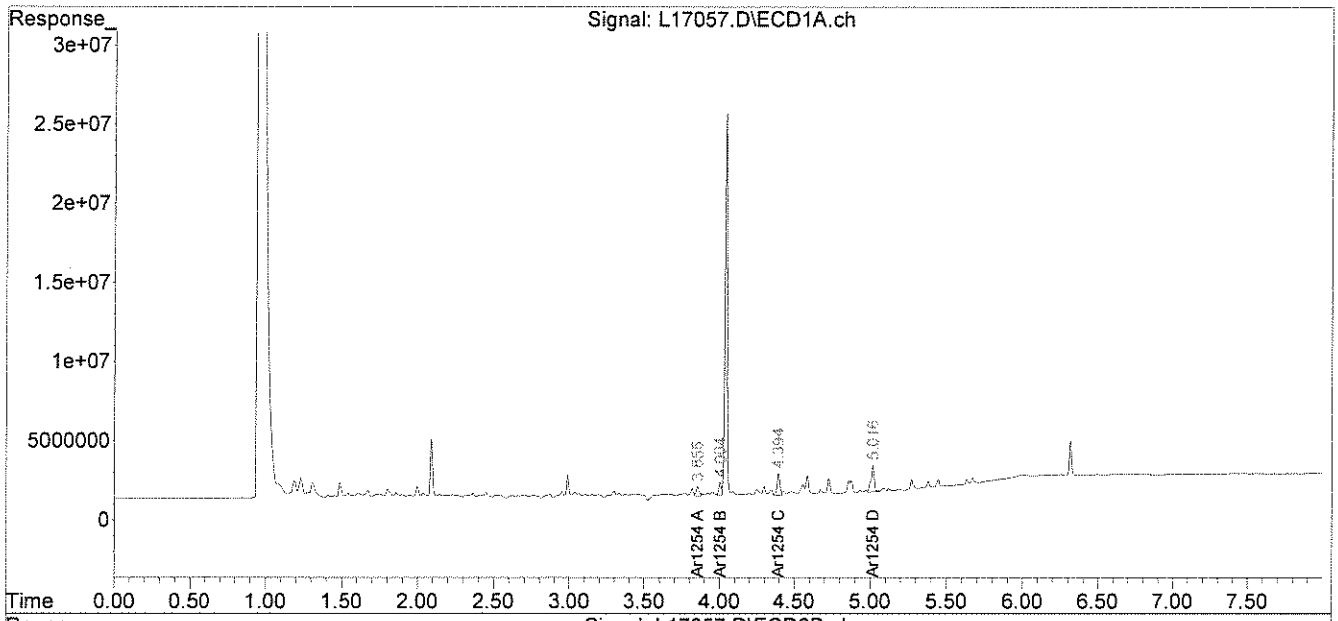
Quantitation Report (QT Reviewed)

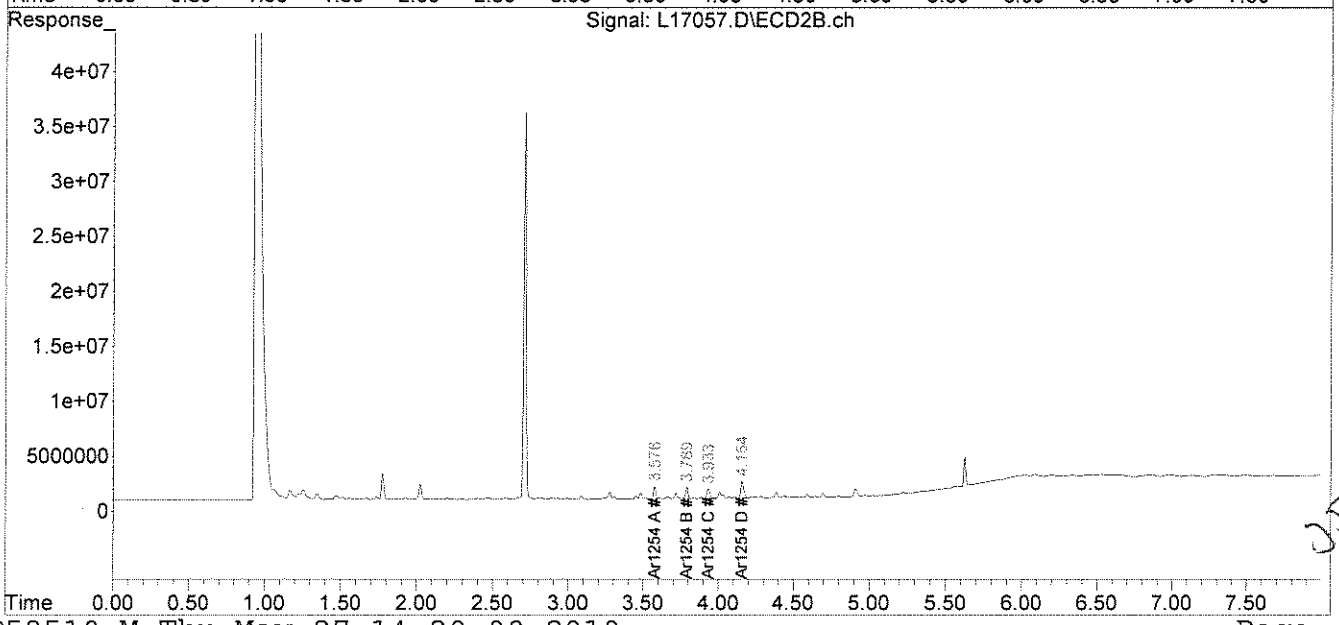
Data Path : C:\msdchem\1\DATA\052510-L\
Data File : L17057.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 May 10 1:22 am
Operator : MG/AR
Sample : 66731-3,10X
Misc : SOIL
ALS Vial : 72 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: May 27 14:19:52 2010
Quant Method : C:\msdchem\1\METHODS\54SP52510.M
Quant Title :
QLast Update : Thu May 27 03:49:47 2010
Response via : Initial Calibration
Integrator: ChemStation

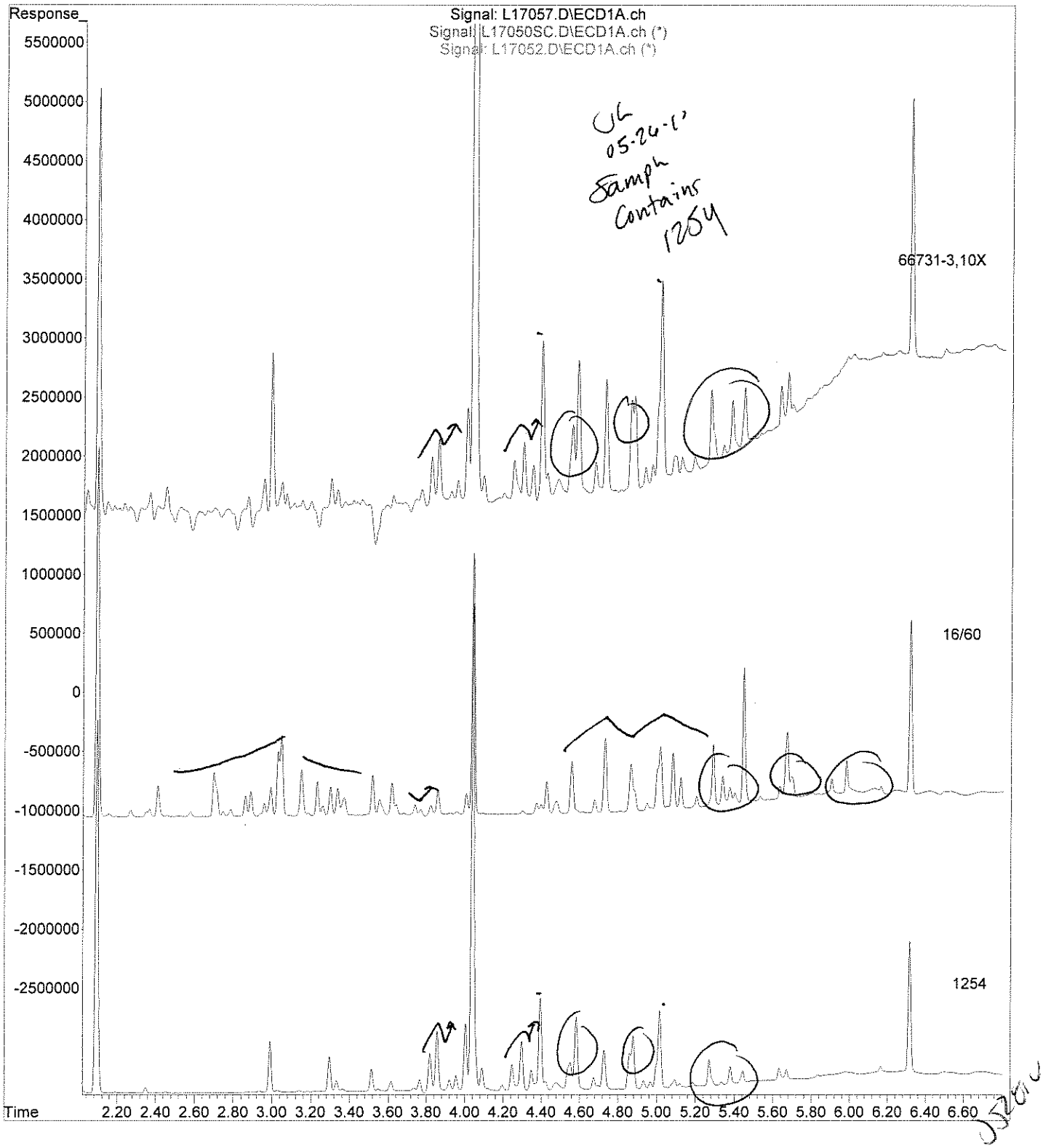
Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

JL 05.26.10





File :C:\msdchem\1\DATA\052510-L\L17057.D
Operator : MG/AR
Acquired : 27 May 10 1:22 am using AcqMethod PEST.M
Instrument : Inst L
Sample Name: 66731-3,10X
Misc Info : SOIL
Vial Number: 72



analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

May 28, 2010

SAMPLE DATA

Lab Sample ID:	66731-4
Matrix:	Solid
Percent Solid:	92
Dilution Factor:	10
Collection Date:	05/21/10
Lab Receipt Date:	05/22/10
Extraction Date:	05/24/10
Analysis Date:	05/27/10

CLIENT SAMPLE ID

Project Name:	AMISTAD ACADEMY
Project Number:	223019
Field Sample ID:	AA-VCS-004

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	330	U
PCB-1221	330	U
PCB-1232	330	U
PCB-1242	330	U
PCB-1248	330	U
PCB-1254	330	U
PCB-1260	330	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	84	%
Decachlorobiphenyl	83	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.
* Quantitation limits increased due to the sample matrix affect.

PCB Report

Authorized signature

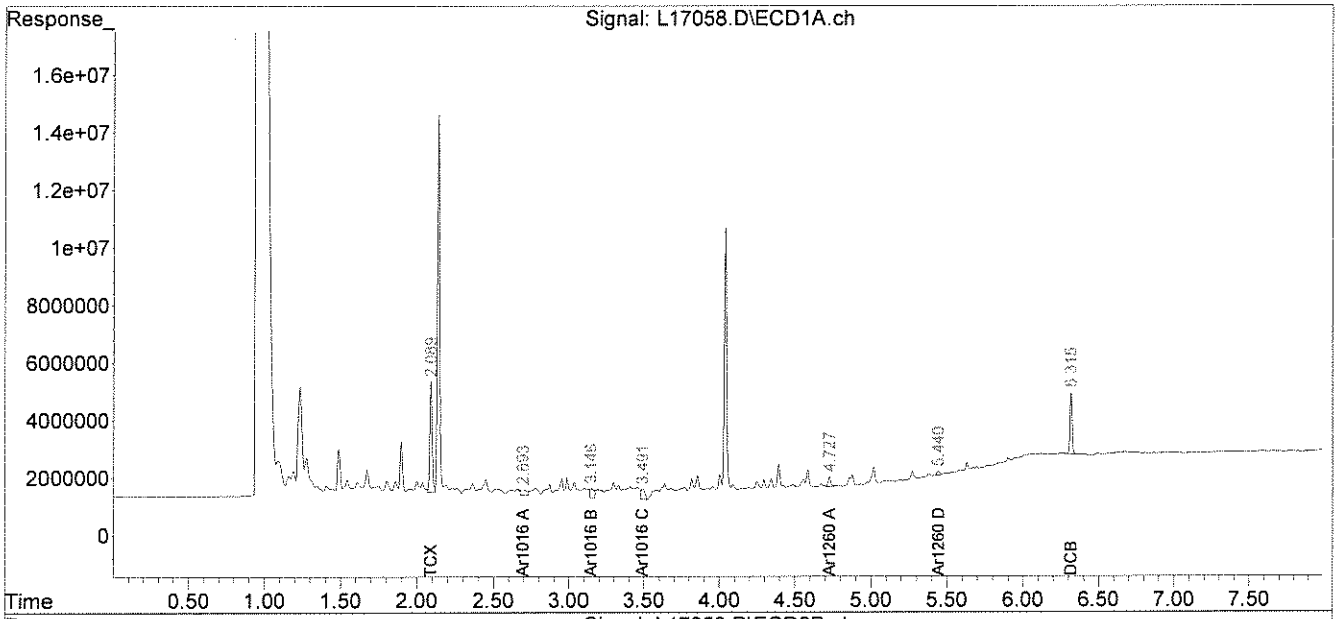
Quantitation Report (Not Reviewed)

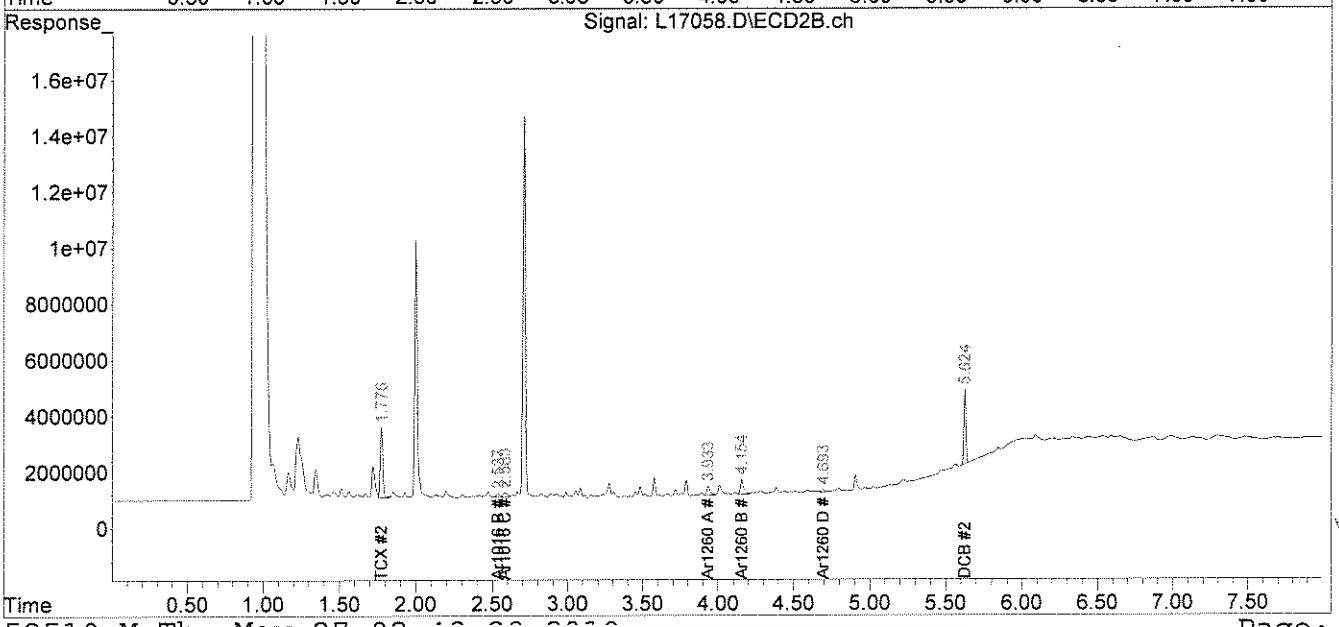
Data Path : C:\msdchem\1\DATA\052510-L\
Data File : L17058.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 May 10 1:32 am
Operator : MG/AR
Sample : 66731-4,10X
Misc : SOIL
ALS Vial : 73 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 27 02:48:29 2010
Quant Method : C:\msdchem\1\METHODS\PCB052510.M
Quant Title : SW-846 8082 /EPA 608 Aroclor 1016/1260
QLast Update : Wed May 26 23:37:13 2010
Response via : Initial Calibration
Integrator: ChemStation

05.26.10

Volume Inj. : 2 ul
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPEstides
Signal #1 Info : 30m x0.25 mm x 0. Signal #2 Info : 30m x0.25 mm, 0.25um





5.26.10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

May 28, 2010

SAMPLE DATA

Lab Sample ID:	66731-5
Matrix:	Solid
Percent Solid:	96
Dilution Factor:	10
Collection Date:	05/21/10
Lab Receipt Date:	05/22/10
Extraction Date:	05/24/10
Analysis Date:	05/27/10

CLIENT SAMPLE ID

Project Name:	AMISTAD ACADEMY
Project Number:	223019
Field Sample ID:	AA-VCS-005

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	330	U
PCB-1221	330	U
PCB-1232	330	U
PCB-1242	330	U
PCB-1248	330	U
PCB-1254	330	U
PCB-1260	330	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	71	%
Decachlorobiphenyl	76	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.
* Quantitation limits increased due to the sample matrix affect.

PCB Report

Authorized signature

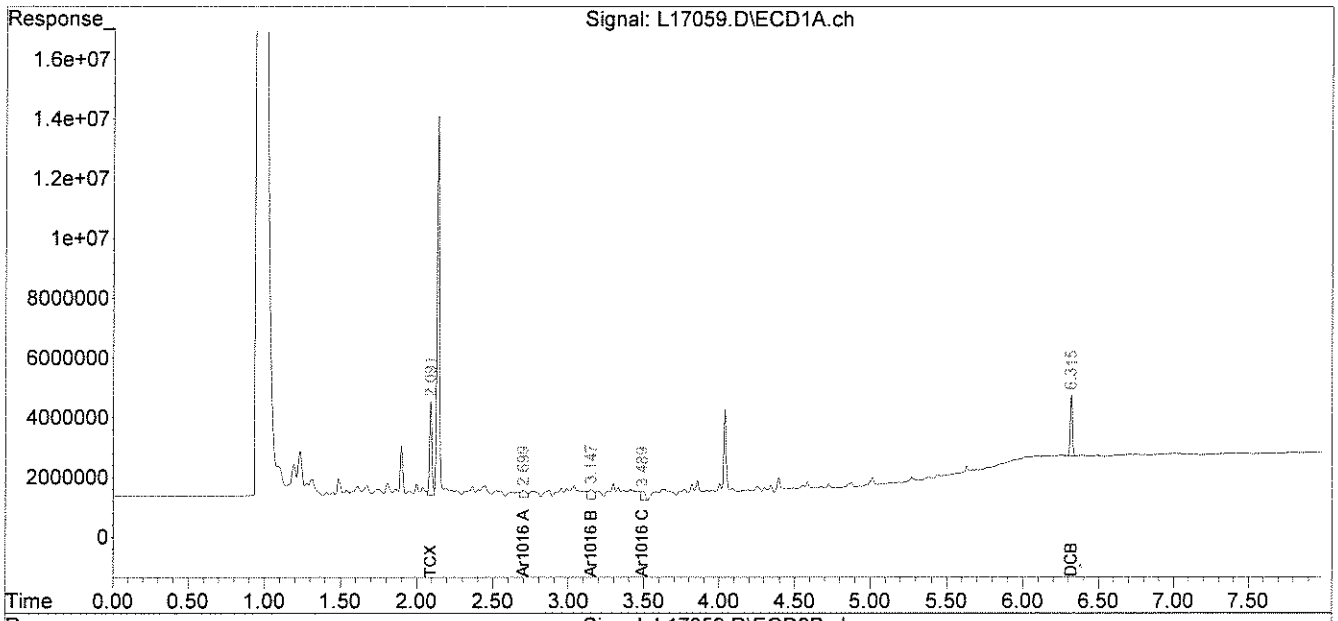
Quantitation Report (Not Reviewed)

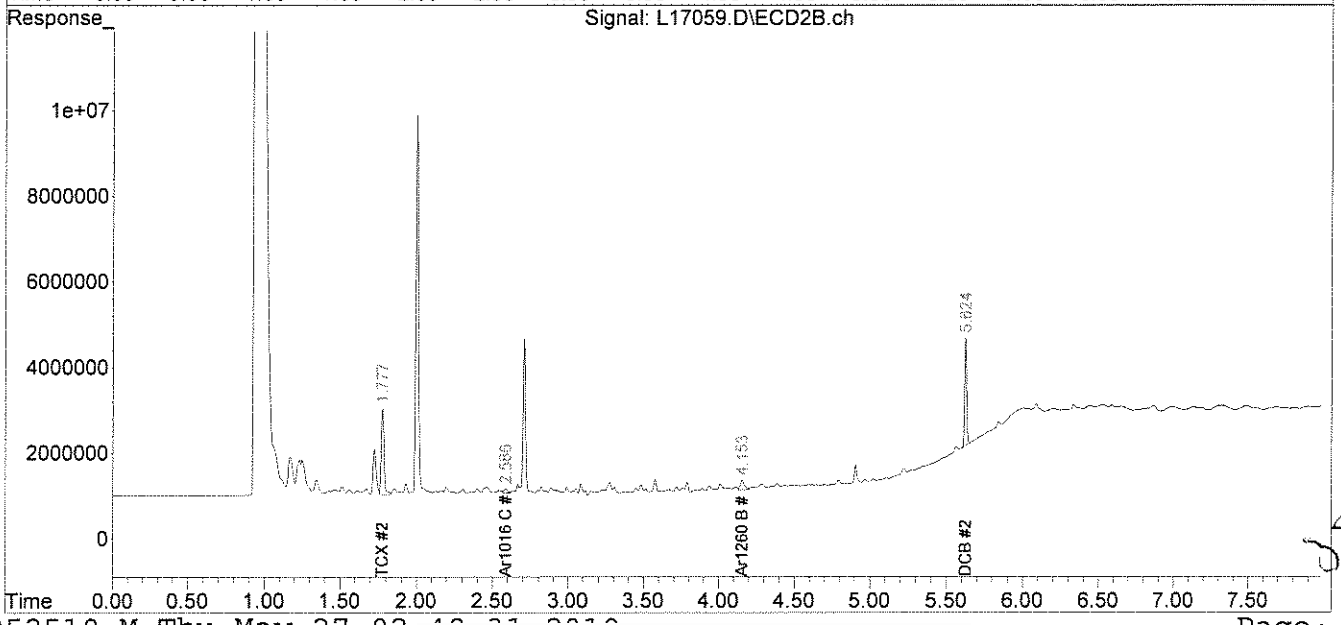
Data Path : C:\msdchem\1\DATA\052510-L\
Data File : L17059.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 May 10 1:42 am
Operator : MG/AR
Sample : 66731-5,10X
Misc : SOIL
ALS Vial : 74 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 27 02:48:31 2010
Quant Method : C:\msdchem\1\METHODS\PCB052510.M
Quant Title : SW-846 8082 /EPA 608 Aroclor 1016/1260
QLast Update : Wed May 26 23:37:13 2010
Response via : Initial Calibration
Integrator: ChemStation

JL 05-26-10

Volume Inj. : 2 ul
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPEstides
Signal #1 Info : 30m x0.25 mm x 0. Signal #2 Info : 30m x0.25 mm, 0.25um





JL 05-26-10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

May 28, 2010

SAMPLE DATA

Lab Sample ID:	66731-6
Matrix:	Solid
Percent Solid:	98
Dilution Factor:	10
Collection Date:	05/21/10
Lab Receipt Date:	05/22/10
Extraction Date:	05/24/10
Analysis Date:	05/27/10

CLIENT SAMPLE ID

Project Name:	AMISTAD ACADEMY
Project Number:	223019
Field Sample ID:	AA-VCS-006

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	330	U
PCB-1221	330	U
PCB-1232	330	U
PCB-1242	330	U
PCB-1248	330	U
PCB-1254	330	U
PCB-1260	330	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	88	%
Decachlorobiphenyl	88	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.
* Quantitation limits increased due to the sample matrix affect.

PCB Report

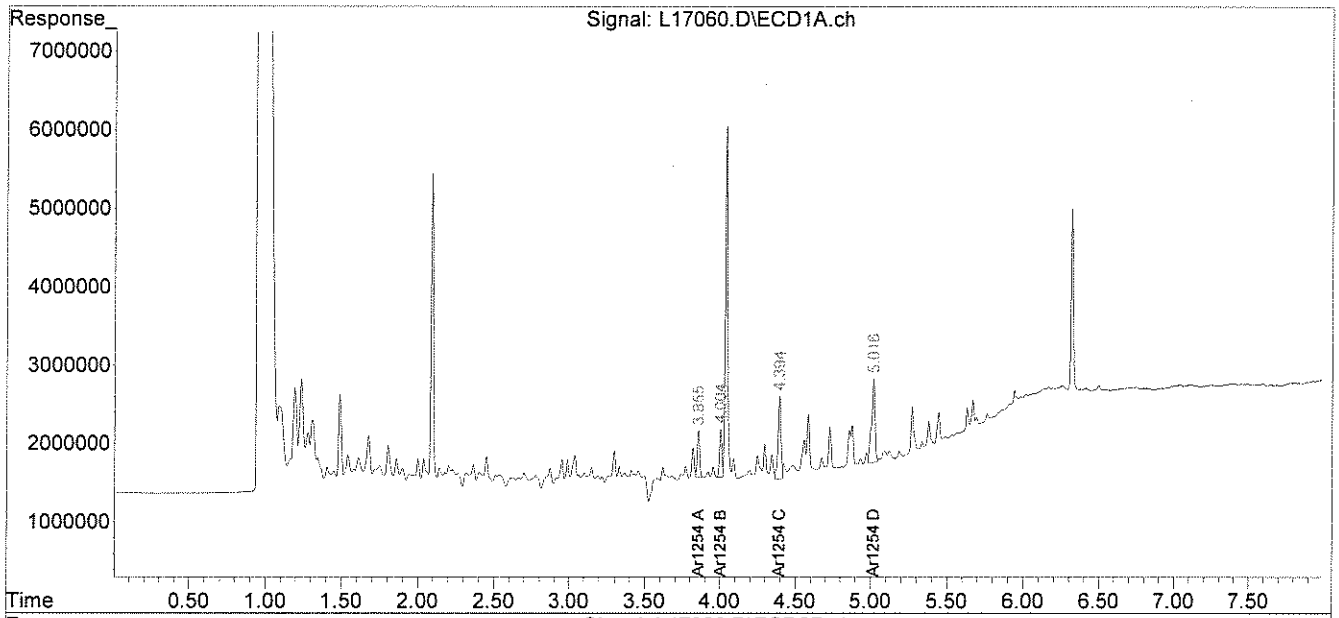
Authorized signature

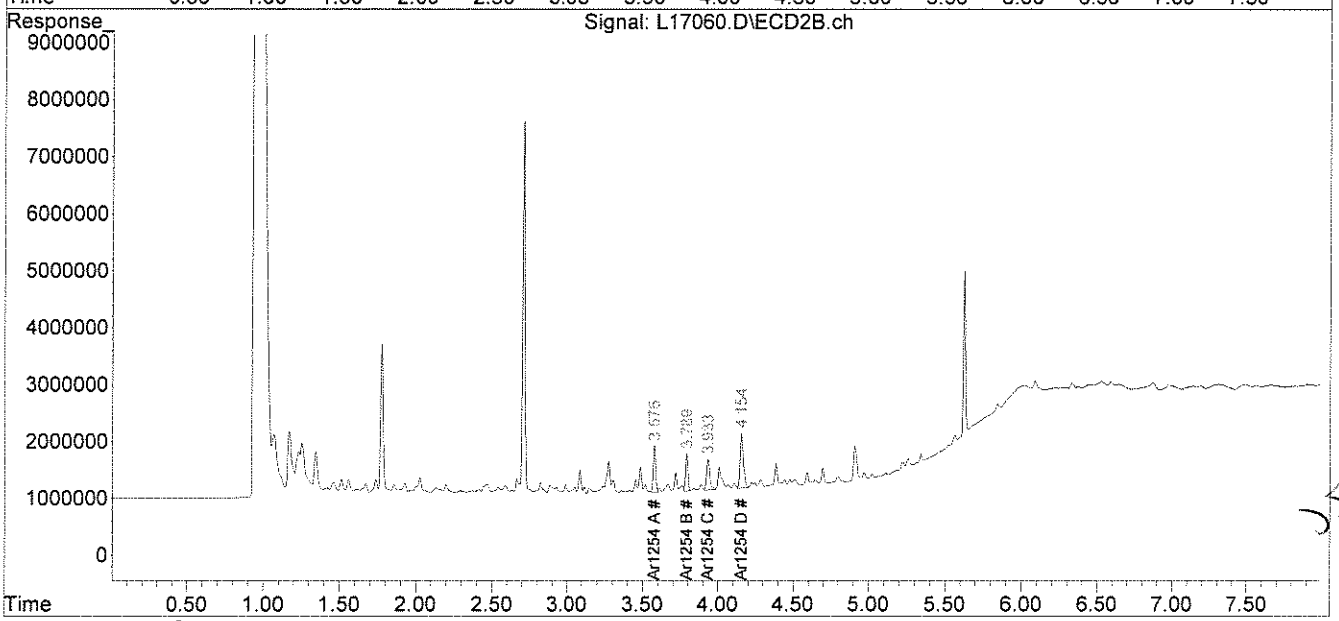
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\052510-L\
Data File : L17060.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 May 10 1:53 am
Operator : MG/AR
Sample : 66731-6,10X
Misc : SOIL
ALS Vial : 75 Sample Multiplier: 1

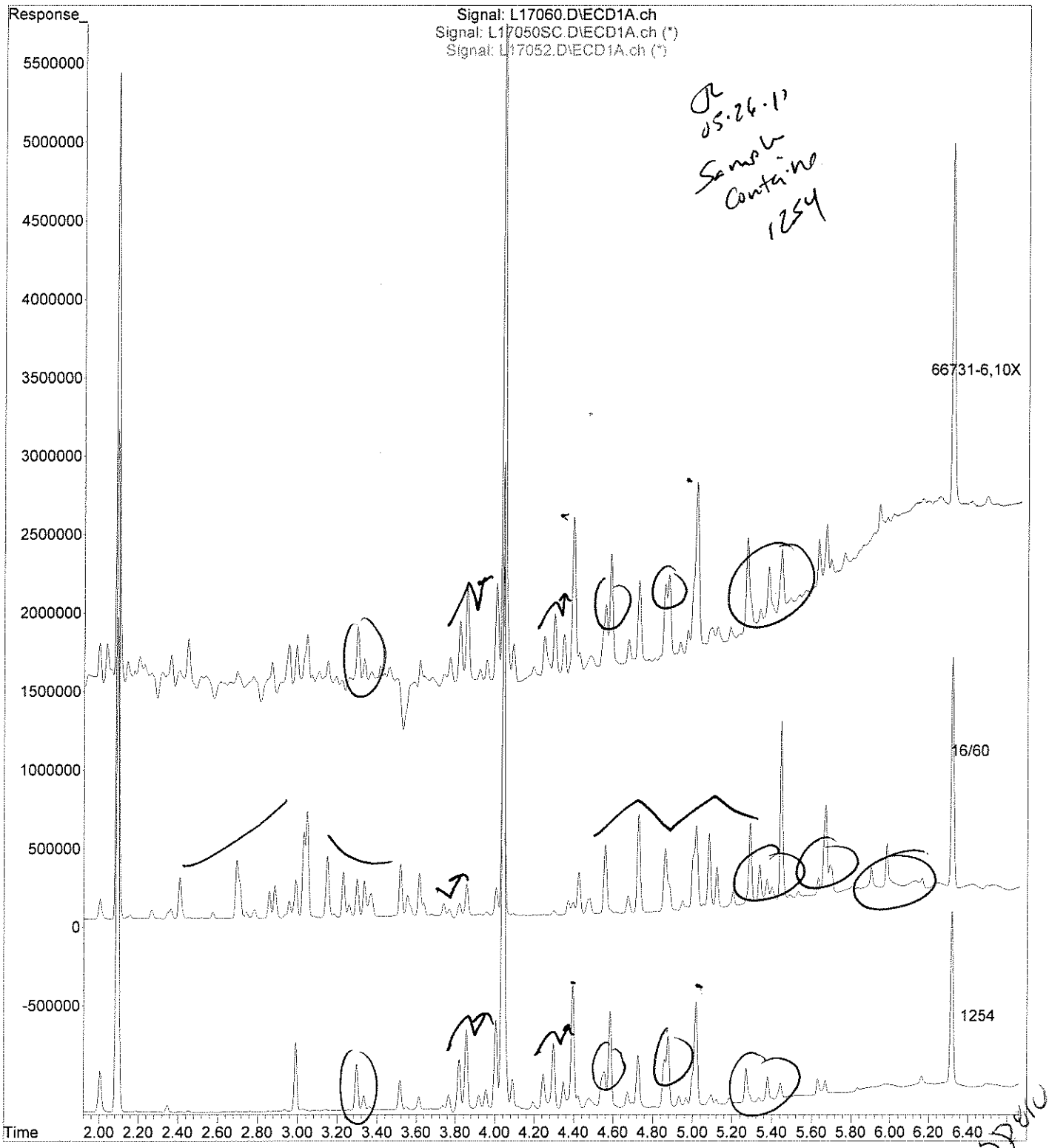
Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: May 27 14:38:45 2010
Quant Method : C:\msdchem\1\METHODS\54SP52510.M
Quant Title :
QLast Update : Thu May 27 03:49:47 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





File :C:\msdchem\1\DATA\052510-L\L17060.D
Operator : MG/AR
Acquired : 27 May 10 1:53 am using AcqMethod PEST.M
Instrument : Inst L
Sample Name: 66731-6,10X
Misc Info : SOIL
Vial Number: 75



analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

May 28, 2010

SAMPLE DATA

Lab Sample ID:	66731-7
Matrix:	Solid
Percent Solid:	97
Dilution Factor:	10
Collection Date:	05/21/10
Lab Receipt Date:	05/22/10
Extraction Date:	05/24/10
Analysis Date:	05/27/10

CLIENT SAMPLE ID

Project Name:	AMISTAD ACADEMY
Project Number:	223019
Field Sample ID:	AA-VCS-007

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	330	U
PCB-1221	330	U
PCB-1232	330	U
PCB-1242	330	U
PCB-1248	330	U
PCB-1254	330	U
PCB-1260	330	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	103	%
Decachlorobiphenyl	110	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.
* Quantitation limits increased due to the sample matrix affect.

PCB Report

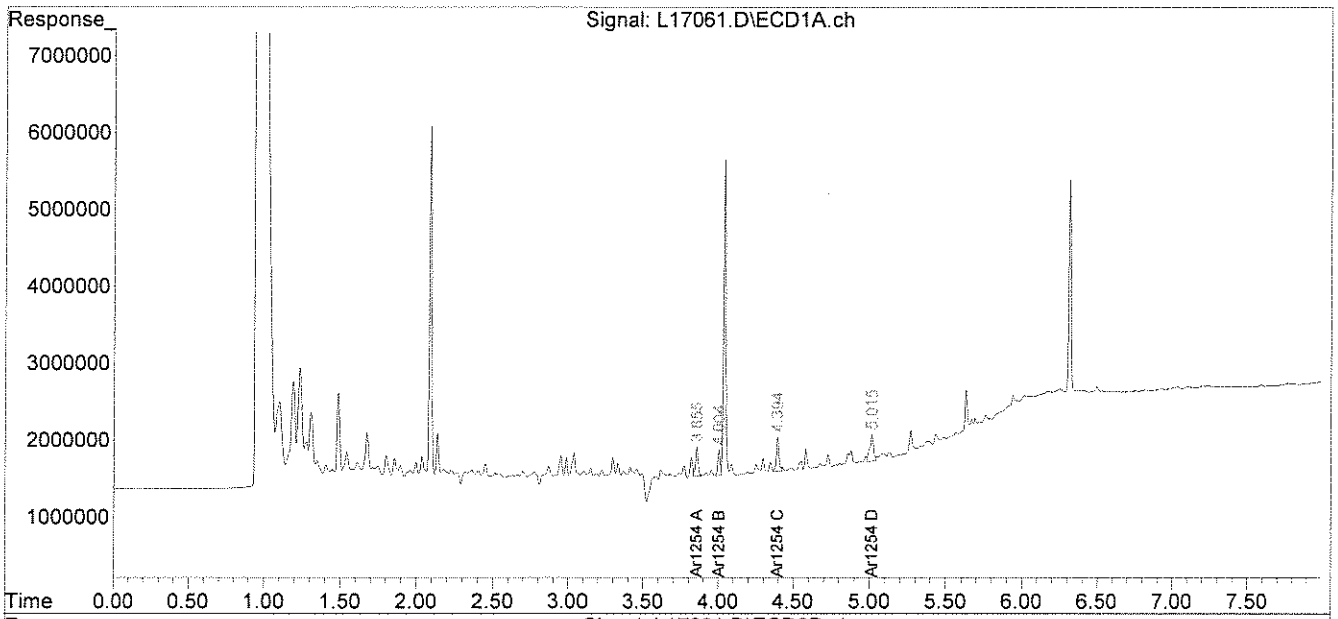
Authorized signature

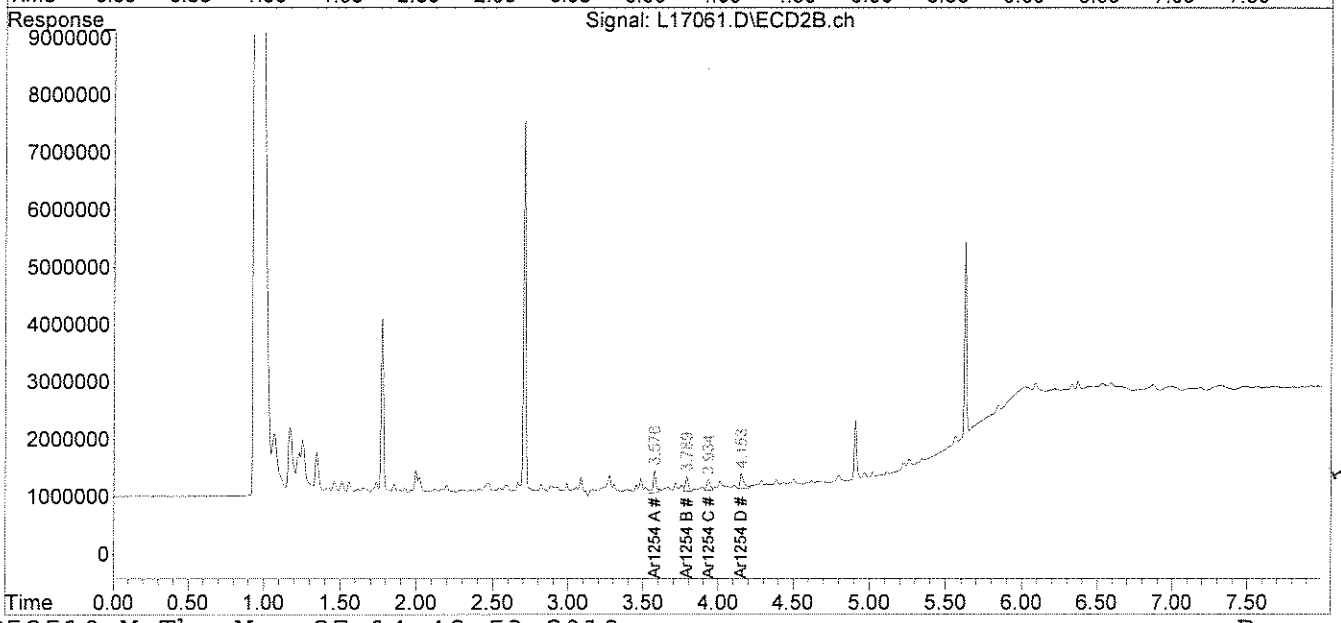
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\052510-L\
Data File : L17061.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 May 10 2:03 am
Operator : MG/AR
Sample : 66731-7,10X
Misc : SOIL
ALS Vial : 76 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: May 27 14:48:45 2010
Quant Method : C:\msdchem\1\METHODS\54SP52510.M
Quant Title :
QLast Update : Thu May 27 03:49:47 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

May 28, 2010

SAMPLE DATA

Lab Sample ID:	66731-8
Matrix:	Solid
Percent Solid:	98
Dilution Factor:	10
Collection Date:	05/21/10
Lab Receipt Date:	05/22/10
Extraction Date:	05/24/10
Analysis Date:	05/27/10

CLIENT SAMPLE ID

Project Name:	AMISTAD ACADEMY
Project Number:	223019
Field Sample ID:	AA-VCS-008

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	330	U
PCB-1221	330	U
PCB-1232	330	U
PCB-1242	330	U
PCB-1248	330	U
PCB-1254	330	U
PCB-1260	330	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	81	%
Decachlorobiphenyl	77	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.
* Quantitation limits increased due to the sample matrix affect.

PCB Report

Authorized signature

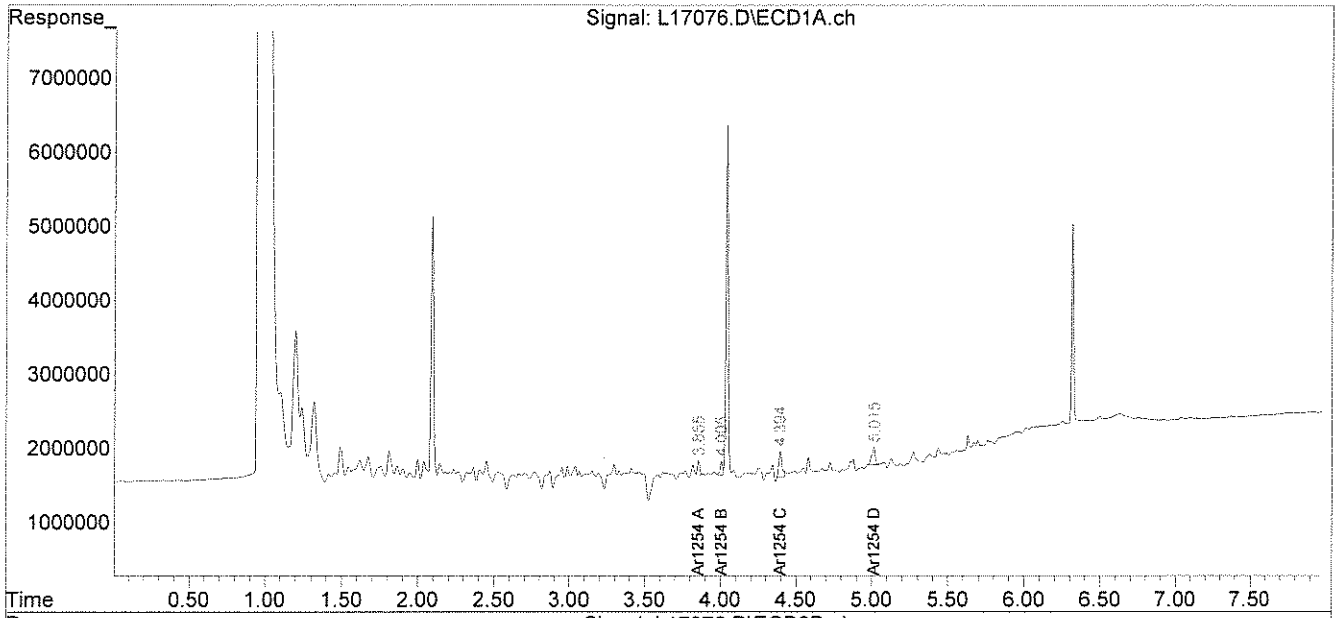
Quantitation Report (QT Reviewed)

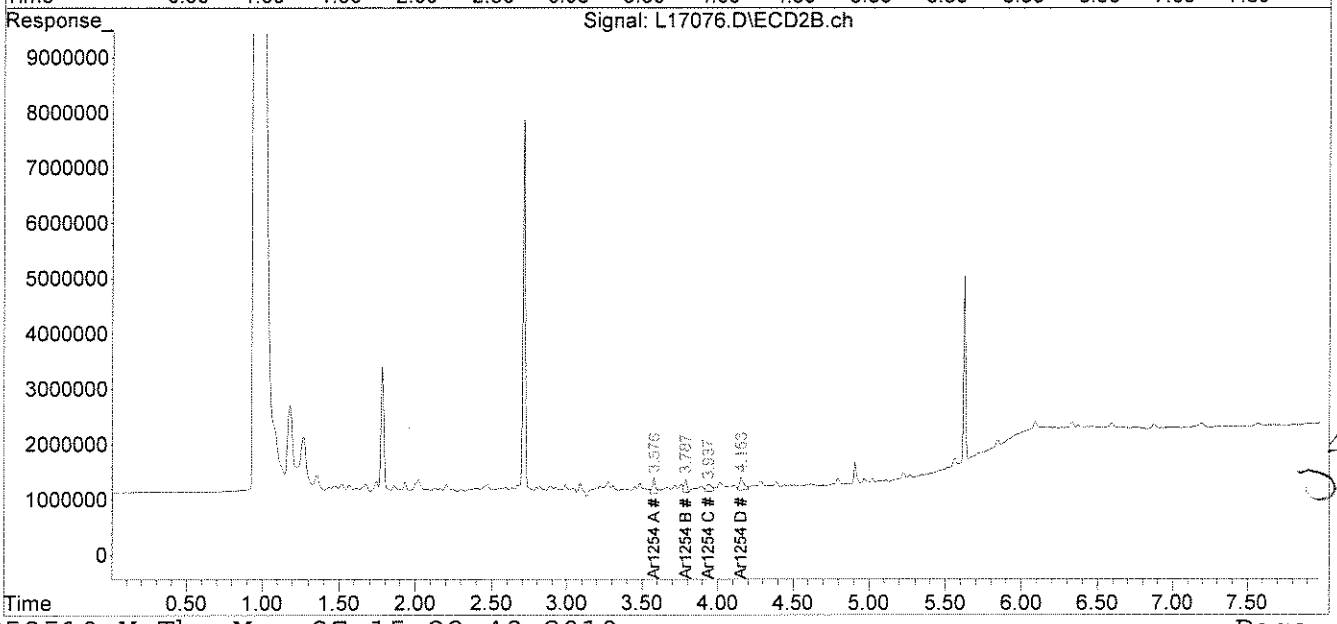
Data Path : C:\msdchem\1\DATA\052510-L\
Data File : L17076.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 May 10 5:39 am
Operator : MG/AR
Sample : 66731-8,10X
Misc : SOIL
ALS Vial : 77 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: May 27 15:22:41 2010
Quant Method : C:\msdchem\1\METHODS\54SP52510.M
Quant Title :
QLast Update : Thu May 27 03:49:47 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

05-27-10





052810

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

May 28, 2010

SAMPLE DATA

Lab Sample ID:	66731-9
Matrix:	Solid
Percent Solid:	99
Dilution Factor:	10
Collection Date:	05/21/10
Lab Receipt Date:	05/22/10
Extraction Date:	05/24/10
Analysis Date:	05/27/10

CLIENT SAMPLE ID

Project Name:	AMISTAD ACADEMY
Project Number:	223019
Field Sample ID:	AA-VCS-009

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	330	U
PCB-1221	330	U
PCB-1232	330	U
PCB-1242	330	U
PCB-1248	330	U
PCB-1254	330	U
PCB-1260	330	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	84	%
Decachlorobiphenyl	80	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.
* Quantitation limits increased due to the sample matrix affect.

PCB Report

Authorized signature

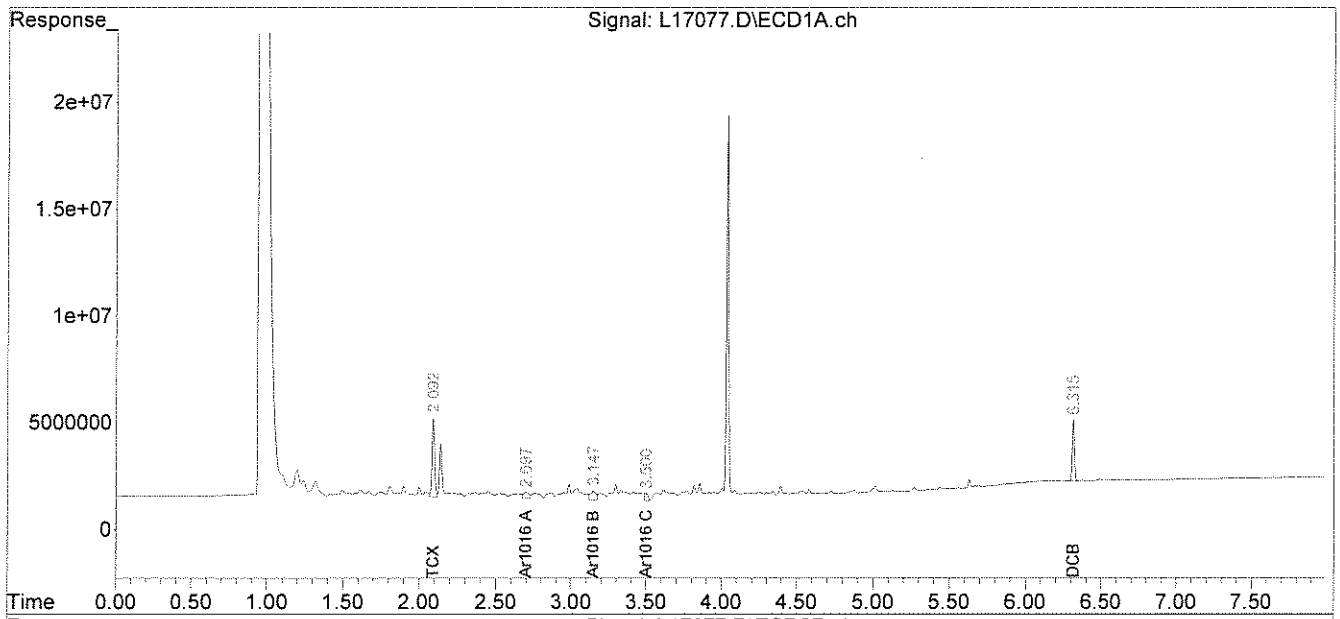
Quantitation Report (Not Reviewed)

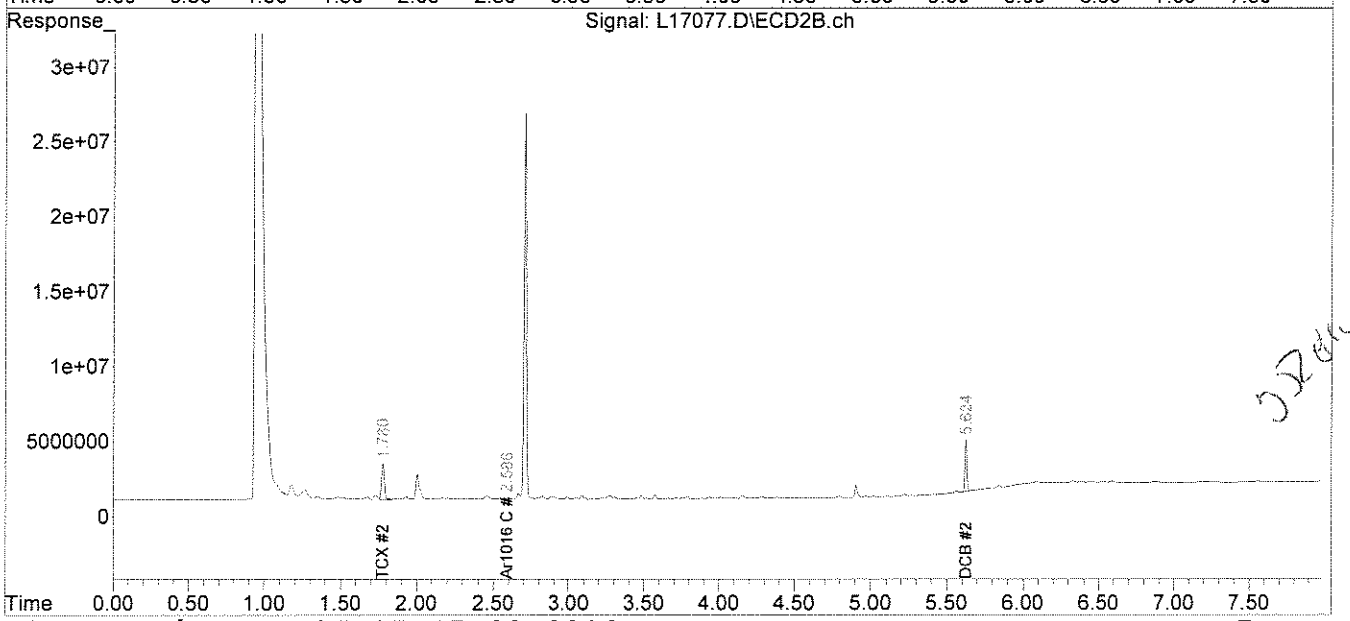
Data Path : C:\msdchem\1\DATA\052510-L\
Data File : L17077.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 May 10 5:49 am
Operator : MG/AR
Sample : 66731-9,10X
Misc : SOIL
ALS Vial : 78 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 27 15:24:49 2010
Quant Method : C:\msdchem\1\METHODS\PCB052510.M
Quant Title : SW-846 8082 /EPA 608 Aroclor 1016/1260
QLast Update : Wed May 26 23:37:13 2010
Response via : Initial Calibration
Integrator: ChemStation

05.27.10

Volume Inj. : 2 ul
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPEstides
Signal #1 Info : 30m x0.25 mm x 0. Signal #2 Info : 30m x0.25 mm, 0.25um





analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

May 28, 2010

SAMPLE DATA

Lab Sample ID:	66731-10
Matrix:	Solid
Percent Solid:	96
Dilution Factor:	10
Collection Date:	05/21/10
Lab Receipt Date:	05/22/10
Extraction Date:	05/24/10
Analysis Date:	05/27/10

CLIENT SAMPLE ID

Project Name:	AMISTAD ACADEMY
Project Number:	223019
Field Sample ID:	AA-VCS-010

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	330	U
PCB-1221	330	U
PCB-1232	330	U
PCB-1242	330	U
PCB-1248	330	U
PCB-1254	330	U
PCB-1260	330	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	77	%
Decachlorobiphenyl	72	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.
* Quantitation limits increased due to the sample matrix affect.

PCB Report

Authorized signature

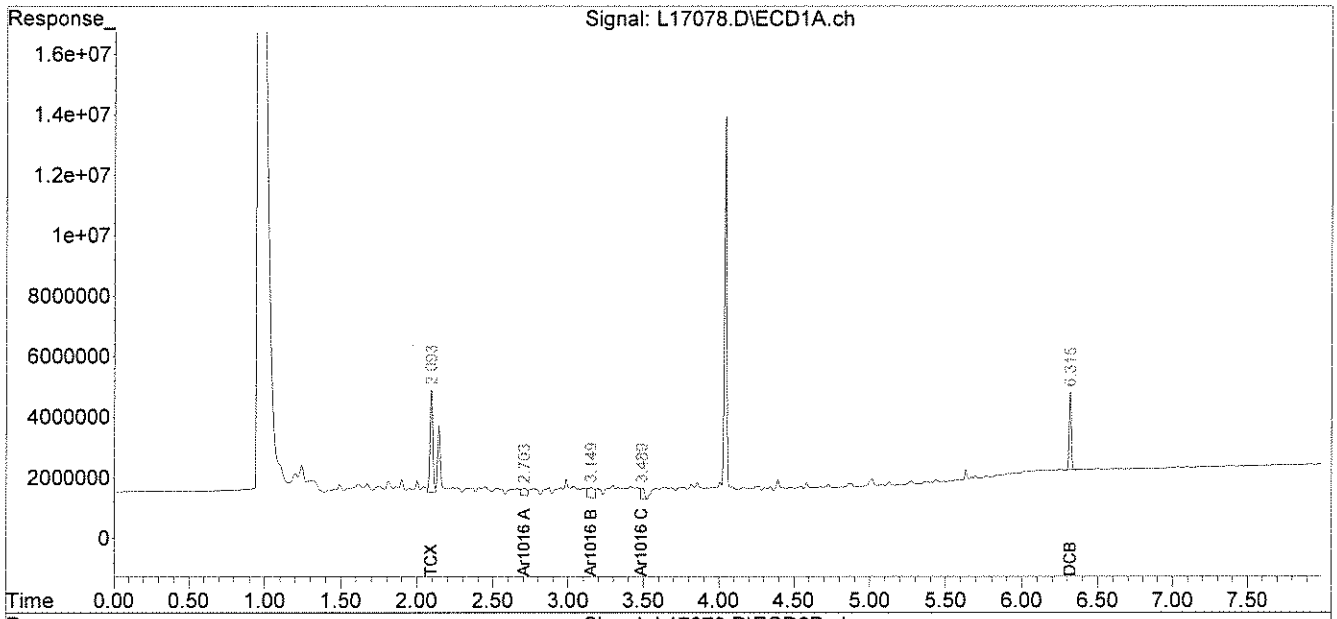
Quantitation Report (Not Reviewed)

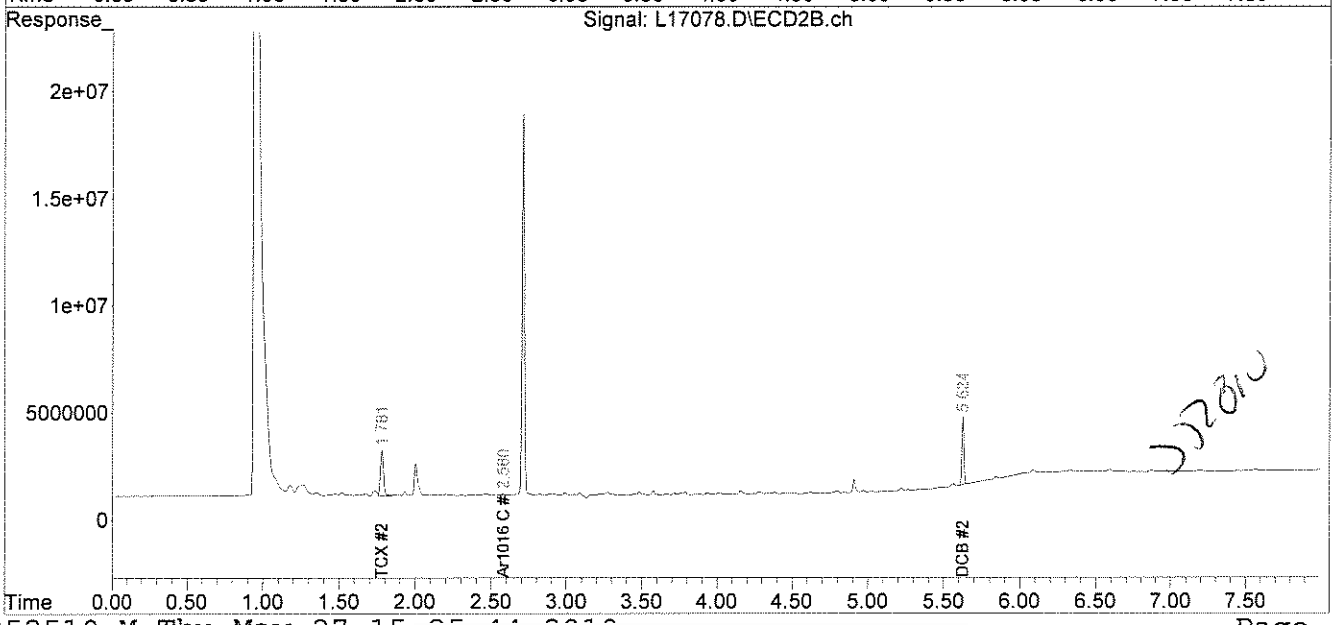
Data Path : C:\msdchem\1\DATA\052510-L\
Data File : L17078.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 May 10 5:59 am
Operator : MG/AR
Sample : 66731-10,10X
Misc : SOIL
ALS Vial : 79 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 27 15:25:43 2010
Quant Method : C:\msdchem\1\METHODS\PCB052510.M
Quant Title : SW-846 8082 /EPA 608 Aroclor 1016/1260
QLast Update : Wed May 26 23:37:13 2010
Response via : Initial Calibration
Integrator: ChemStation

05.27.10

Volume Inj. : 2 ul
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPEstides
Signal #1 Info : 30m x0.25 mm x 0. Signal #2 Info : 30m x0.25 mm, 0.25um





JJ 2810

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

May 28, 2010

SAMPLE DATA

Lab Sample ID:	66731-11
Matrix:	Solid
Percent Solid:	94
Dilution Factor:	10
Collection Date:	05/21/10
Lab Receipt Date:	05/22/10
Extraction Date:	05/24/10
Analysis Date:	05/27/10

CLIENT SAMPLE ID

Project Name:	AMISTAD ACADEMY
Project Number:	223019
Field Sample ID:	AA-VCS-011

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	330	U
PCB-1221	330	U
PCB-1232	330	U
PCB-1242	330	U
PCB-1248	330	U
PCB-1254	330	U
PCB-1260	330	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	82	%
Decachlorobiphenyl	75	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.
* Quantitation limits increased due to the sample matrix affect.

PCB Report

Authorized signature

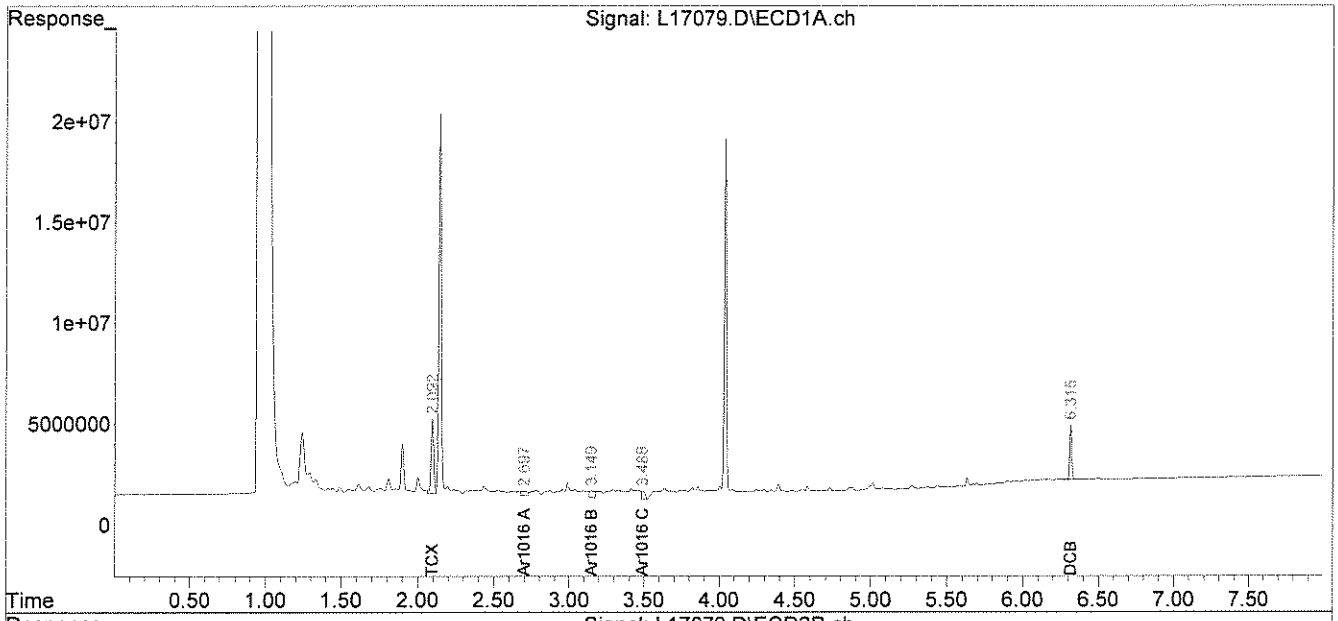
Quantitation Report (Not Reviewed)

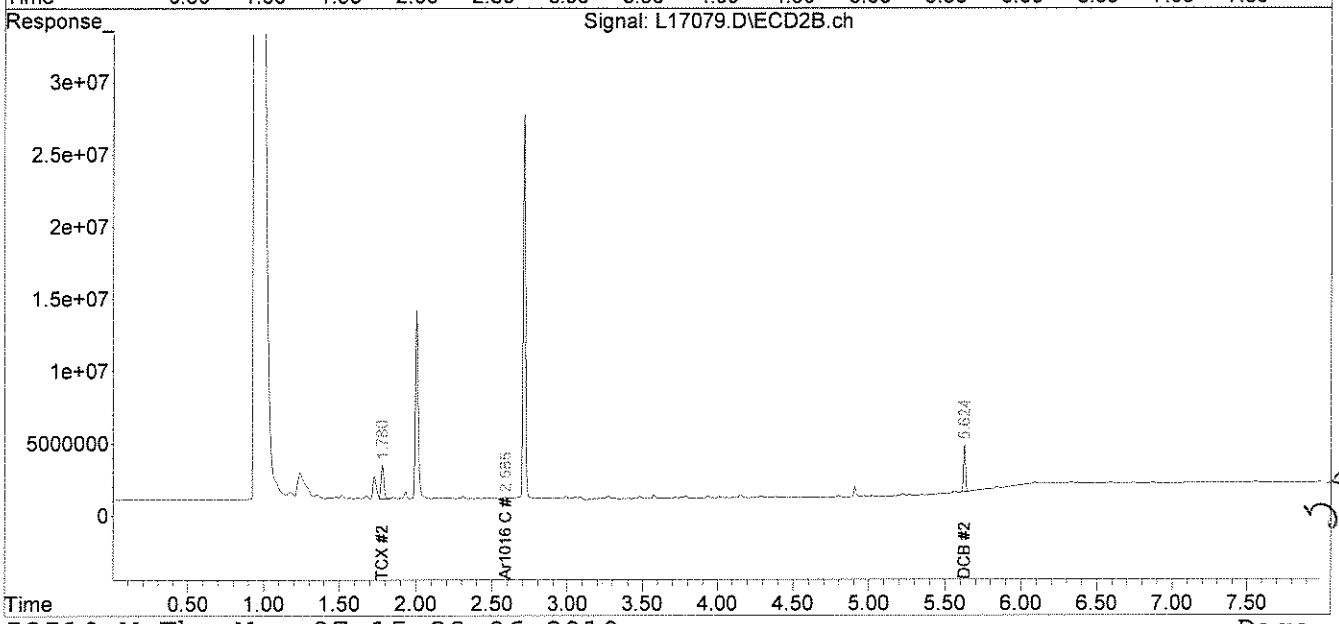
Data Path : C:\msdchem\1\DATA\052510-L\
Data File : L17079.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 May 10 6:10 am
Operator : MG/AR
Sample : 66731-11,10X
Misc : SOIL
ALS Vial : 80 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 27 15:29:05 2010
Quant Method : C:\msdchem\1\METHODS\PCB052510.M
Quant Title : SW-846 8082 /EPA 608 Aroclor 1016/1260
QLast Update : Wed May 26 23:37:13 2010
Response via : Initial Calibration
Integrator: ChemStation

05-27-10

Volume Inj. : 2 ul
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPEstides
Signal #1 Info : 30m x0.25 mm x 0. Signal #2 Info : 30m x0.25 mm, 0.25um





5-28-10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

May 28, 2010

SAMPLE DATA

Lab Sample ID:	66731-12
Matrix:	Solid
Percent Solid:	97
Dilution Factor:	10
Collection Date:	05/21/10
Lab Receipt Date:	05/22/10
Extraction Date:	05/24/10
Analysis Date:	05/27/10

CLIENT SAMPLE ID

Project Name:	AMISTAD ACADEMY
Project Number:	223019
Field Sample ID:	AA-VCS-012

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	330	U
PCB-1221	330	U
PCB-1232	330	U
PCB-1242	330	U
PCB-1248	330	U
PCB-1254	330	U
PCB-1260	330	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	82	%
Decachlorobiphenyl	78	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.
* Quantitation limits increased due to the sample matrix affect.

PCB Report

Authorized signature

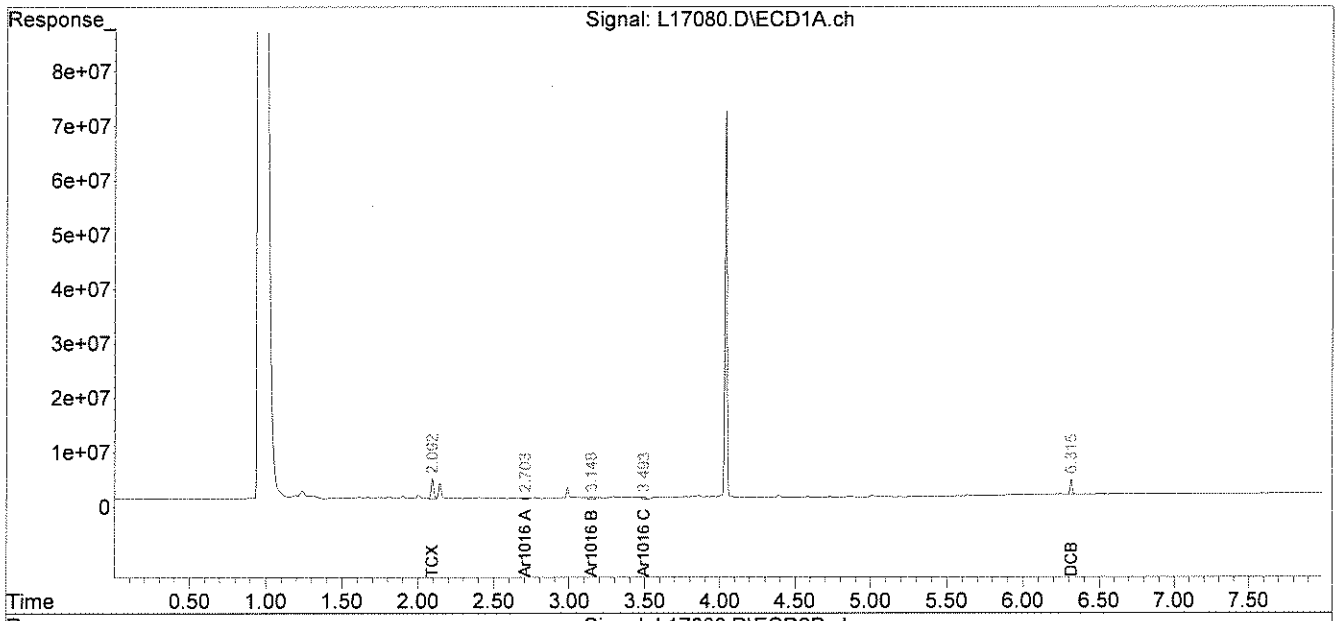
Quantitation Report (Not Reviewed)

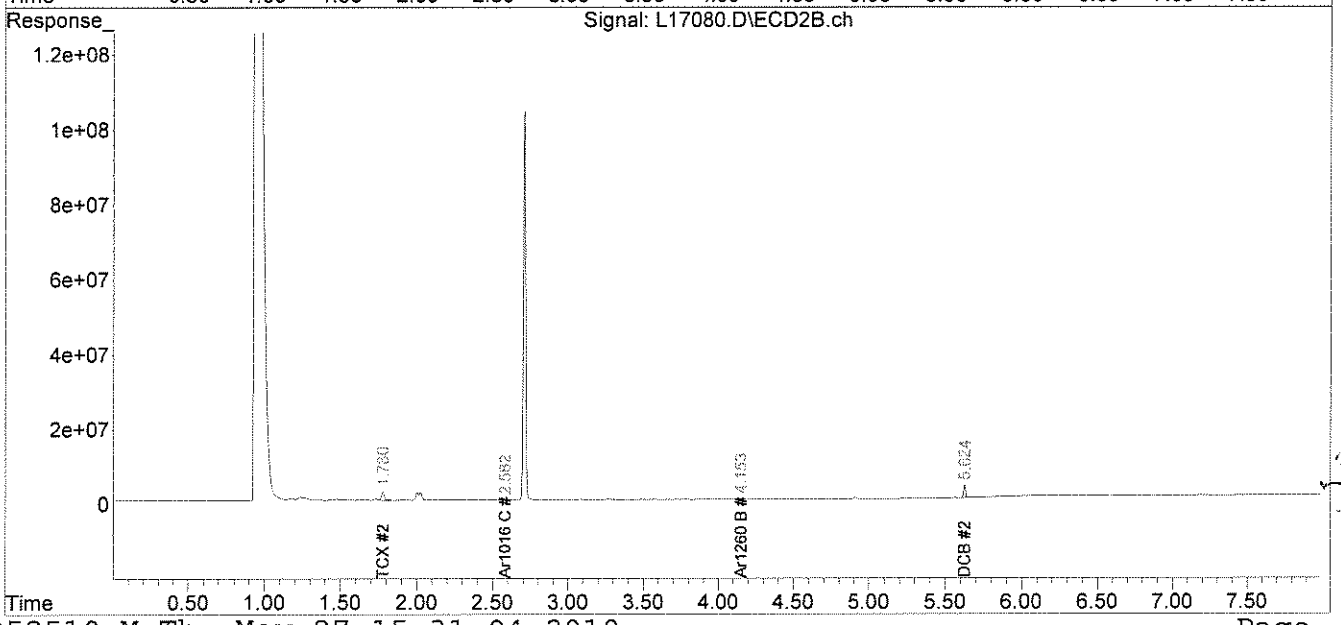
Data Path : C:\msdchem\1\DATA\052510-L\
Data File : L17080.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 May 10 6:20 am
Operator : MG/AR
Sample : 66731-12,10X
Misc : SOIL
ALS Vial : 81 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 27 15:31:04 2010
Quant Method : C:\msdchem\1\METHODS\PCB052510.M
Quant Title : SW-846 8082 /EPA 608 Aroclor 1016/1260
QLast Update : Wed May 26 23:37:13 2010
Response via : Initial Calibration
Integrator: ChemStation

05-27-10

Volume Inj. : 2 ul
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPEstides
Signal #1 Info : 30m x0.25 mm x 0. Signal #2 Info : 30m x0.25 mm, 0.25um





analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

May 28, 2010

SAMPLE DATA

Lab Sample ID:	66731-13
Matrix:	Solid
Percent Solid:	97
Dilution Factor:	10
Collection Date:	05/21/10
Lab Receipt Date:	05/22/10
Extraction Date:	05/24/10
Analysis Date:	05/27/10

CLIENT SAMPLE ID

Project Name:	AMISTAD ACADEMY
Project Number:	223019
Field Sample ID:	AA-VCS-013

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	330	U
PCB-1221	330	U
PCB-1232	330	U
PCB-1242	330	U
PCB-1248	330	U
PCB-1254	330	U
PCB-1260	330	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	95	%
Decachlorobiphenyl	91	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.
* Quantitation limits increased due to the sample matrix affect.

PCB Report

Authorized signature

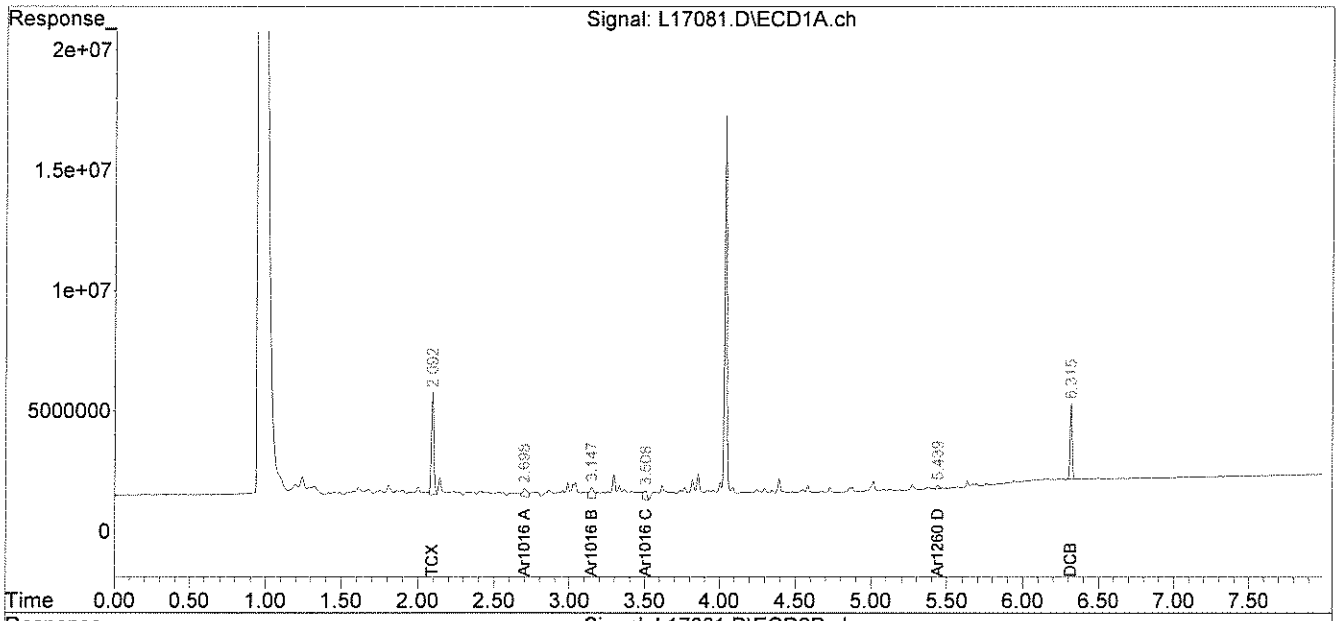
Quantitation Report (Not Reviewed)

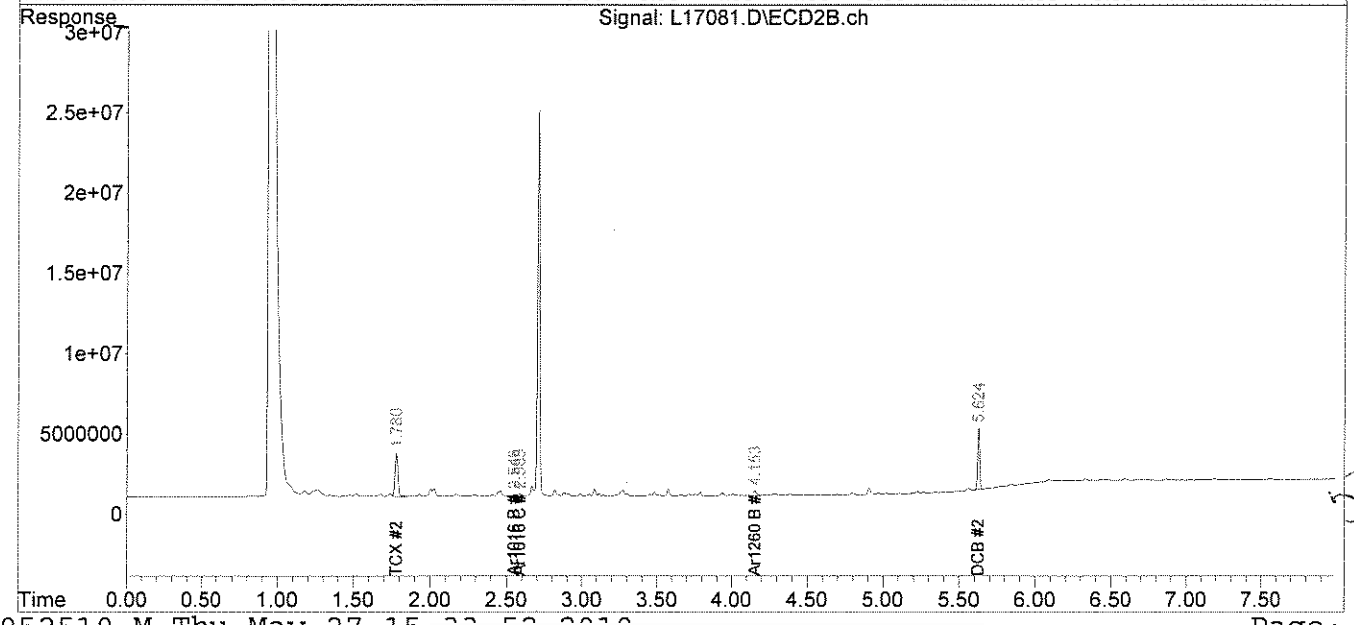
Data Path : C:\msdchem\1\DATA\052510-L\
Data File : L17081.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 May 10 6:30 am
Operator : MG/AR
Sample : 66731-13,10X
Misc : SOIL
ALS Vial : 82 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 27 15:33:51 2010
Quant Method : C:\msdchem\1\METHODS\PCB052510.M
Quant Title : SW-846 8082 /EPA 608 Aroclor 1016/1260
QLast Update : Wed May 26 23:37:13 2010
Response via : Initial Calibration
Integrator: ChemStation

JL 05.27.10

Volume Inj. : 2 ul
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPEstides
Signal #1 Info : 30m x0.25 mm x 0. Signal #2 Info : 30m x0.25 mm, 0.25um





5/28/10

PCB
QC FORMS

AnalyticsLLC:AEL Documents LLC:Pkg Dividers:PCBQC.doc

PCB SOIL
SYSTEM MONITORING COMPOUNDS
SUMMARY

Instrument ID: L
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 66731

	Column #1				Column #2			
SAMPLE ID	SMC 1 (%)	#	SMC 2 (%)	#	SMC 1 (%)	#	SMC 2 (%)	#
B052410PSOX2	86		98		83		69	
L052410PSOX3	92		93		87		67	
LD052410PSOX4	88		97		85		70	
66731-1,10X	92		82		78		49	
66731-2,10X	96		99		89		68	
66731-3,10X	82		81		74		56	
66731-4,10X	84		83		79		56	
66731-5,10X	71		76		67		52	
66731-6,10X	88		88		84		62	
66731-7,10X	103		110		97		77	

		Lower Limit	Upper Limit
SMC #1 =	TCX	40	130
SMC #2 =	DCB	40	130

Column to be used to flag recovery values outside of QC limits
* Values outside QC limits
D System Monitoring Compound diluted out

PCB FORM 2

PCB SOIL
SYSTEM MONITORING COMPOUNDS
SUMMARY

Instrument ID: L
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 66731

	Column #1				Column #2			
SAMPLE ID	SMC 1 (%)	#	SMC 2 (%)	#	SMC 1 (%)	#	SMC 2 (%)	#
B052410PSOX2,,RR	89		114		85		80	
66731-8,10X	90		108		81		77	
66731-9,10X	90		110		84		80	
66731-10,10X	85		101		77		72	
66731-11,10X	89		103		82		75	
66731-12,10X	88		109		82		78	
66731-13,10X	101		127		95		91	

		Lower Limit	Upper Limit
SMC #1 =	TCX	40	130
SMC #2 =	DCB	40	130

Column to be used to flag recovery values outside of QC limits
* Values outside QC limits
D System Monitoring Compound diluted out

PCB SOIL
LABORATORY CONTROL SAMPLE/DUPLICATE
PERCENT RECOVERY

Instrument ID: L

GC Column #1: STX-CLPesticides I

Column ID: 0.25 mm

GC Column #2: STX-CLPesticides II

Column ID: 0.25 mm

SDG:

Non-spiked sample: B052410PSOX2

Spike: L052410PSOX3

Spike duplicate: LD052410PSOX4

COMPOUND	LCS SPIKE ADDED (ug/kg)	LCSD SPIKE ADDED (ug/kg)	LOWER LIMIT	UPPER LIMIT	RPD LIMIT	NON-SPIKE RESULT (ug/kg)	SPIKE RESULT (ug/kg)	SPIKE % REC	#	SPIKE DUP RESULT (ug/kg)	SPIKE DUP % REC	#	RPD	#
PCB 1016	133	133	65	140	30	0	140	105		137	103		1.7	
PCB 1260	133	133	60	130	30	0	99	75		105	78		5.1	
PCB 1016 #2	133	133	65	140	30	0	237	178	*	285	214	*	18.4	
PCB 1260 #2	133	133	60	130	30	0	109	82		112	84		2.5	

Column to be used to flag recovery and RPD values outside of QC limits

* Values outside QC limits

LCS/LCSD spike added values have been weight adjusted.

Non-spike result of "0" used in place of "U" to allow calculation of spike recovery.

Comments: _____

_____

analytics environmental laboratory LLC

CHAIN OF CUSTODIES

Chain Of Custody Form

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, NH 03801
Phone (603) 436-5111
Fax (603) 430-2151

For Analytics Use Only Rev. 5 06/18/08

Samples were:
1) Shipped or hand-delivered
2) Temp blank °C 4
3) Received in good condition Y or N
4) pH checked by: NA
5) Labels checked by: CP 5/22/10

Project#: 223019 Proj. Name: AMISTAD ACADEMY
Company: Woodard &Curran
Contact: GEORGE FRANKLIN / JEFF HAMEL
Address: 41 Hutchins Drive
Portland, ME
Phone: (207)774-2112 PO# Quote # WCI 03051001
Sampler (Signature): JESSE ABBY

Matrix Key:
C = Concrete
WP = Wipe
WW = Wastewater
SW = Surface Water
GW = Groundwater
DW = Drinking Water
S = Soil/Sludge
O = Oil
E = Extract

Container Key
P=plastic G=glass

Preservation

Station Identification	Sample Date	Sample Time	Analysis	Unpres	4° C	HNO_3	H_2SO_4	HCL	Methanol	Other	Matrix	Container number/type		pH	Analytics Sample #
AA-VCS-001	5/21/10	0740		✓							C	1	G		66731-1
AA-VCS-002		0750	U.S. EPA PCB	✓							C	1	G		2
AA-VCS-003		0800		✓							C	1	G		3
AA-VCS-004		0810	8082 w/	✓							C	1	G		4
AA-VCS-005		0820		✓							C	1	G		5
AA-VCS-006		0830		✓							C	1	G		6
AA-VCS-007		0840	Soxhlet Extraction	✓							C	1	G		7
AA-VCS-008		0850		✓							C	1	G		8
AA-VCS-009		0900	R.L. ≤1.0 mg/kg.	✓							C	1	G		9
AA-VCS-010		0910		✓							C	1	G		10
AA-VCS-011		0920		✓							C	1	G		11

Comments / Instructions:

Email Results to:
gfranklin@woodardcurran.com
jhamel@woodardcurran.com

Turnaround Time (TAT)
- [ ] 24hr*
- [ ] 48hr*
- [ ] 72hr*
- [x] 5 Days* → STD TURN AROUND TIME (3-5 DAYS)
- [ ] 10 Days

*Fee may apply; lab approval required

Project Requirements:
*Fee may apply

Report Type:
- [ ] MCP*
- [x] Level II*
- [ ] CTRCP*
- [ ] Level III*
- [ ] DOD*
- [ ] Level IV*
- [ ] Standard

State:
- [ ] NH
- [ ] MA
- [ ] ME
- [x] CT
- [ ] RI

Other:

State Standard:
(eg. S-1 or GW-1)

EDD Required: Y* N
Type: .xls

Received By: FedEx Time: Date: 5/21/10
Received By: Jackyn Time: 1115 Date: 5/22/10
Received By: JB Time: Date: 5/22/10
Relinquished By Sampler: JESSE ABBY Date: 5/22/10
Relinquished By: FedEx
Relinquished By:

Analytics\AEL Documents\AEL COC

Page 1 of 2

Chain Of Custody Form

Analytics environmental laboratory LLC
195 Commerce Way Suite E
Portsmouth, NH 03801
Phone (603) 436-5111
Fax (603) 430-2151

For Analytics Use Only Rev. 5 06/18/08

Samples were:
1) Shipped or hand-delivered
2) Temp blank °C 4°
3) Received in good condition (Y) or N
4) pH checked by: NA
5) Labels checked by: CD 5/22/10

Project#: 223019 Proj. Name: AMISTAD ACADEMY
Company: Woodard &Curran
Contact: GEORGE FRANKLIN / JEFF HAMEL
Address: 41 Hutchins Drive
Portland, ME
Phone: (207)774-2112 PO# Quote # WCI03051001
Sampler (Signature):

Matrix Key:
C = Concrete
WP = Wipe
WW = Wastewater
SW = Surface Water
GW = Groundwater
DW = Drinking Water
S = Soil/Sludge
O = Oil
E = Extract

Container Key
P=plastic G=glass

Station Identification	Sample Date	Sample Time	Analysis	Unpres	4° C	HNO_3	H_2SO_4	HCL	Methanol	Other	Matrix	Container number/type		pH	Analytics Sample #
AA-VCS-012	5/21/10	0930	VS. EPA 8082	✓							C	1	G		66731 - 12
AA-VCS-013	5/21/10	0940	PCB's w/ Soxhlet	✓							C	1	G		13
			Extraction.												
			R.L. ≤ 1.0 mg/kg.												

JBB 5/22/10

Email Results to:
see pg. 1

Turnaround Time (TAT)
☐ 24hr* ☐ 48hr*
☐ 72hr* ☑ 5 Days* → STD TURN AROUND TIME (3-5 DAYS)
☐ 10 Days
*Fee may apply; lab approval required

Comments / Instructions:

Project Requirements:
*Fee may apply

Report Type:
☐ MCP* ☑ Level II*
☐ CTRCP* ☐ Level III*
☐ DOD* ☐ Level IV*
☐ Standard

State:
☐ NH
☐ MA
☐ ME
☑ CT
☐ RI
Other:

State Standard:
(eg. S-1 or GW-1)
EDD Required: (Y*) N
Type: .xls

Received By: FedEx	Received By: Jacqui	Received By: JBB 5/22/10	
Time:	Time: 1115	Time:	
Date: 5/21/10	Date: 5/22/10	Date:	
Relinquished By Sampler: JESSE ADEUM R	Relinquished By: FedEx	Relinquished By:	

Analytics\AEL Documents\AEL COC

Page 2 of 2

From: Origin ID: BNHA (203) 271-0379
JESSE REAM
WOODARD & CURRAN INC
1520 HIGHLAND AVENUE

CHESHIRE, CT 06410

FedEx Express

E

J10101002220224

Ship Date: 21MAY10
ActWgt: 15.0 LB
CAD: 2185050/INET3010

Dims: 19 X 10 X 12 IN

Delivery Address Bar Code

SHIP TO: (603) 436-5111 BILL SENDER

Analytics Enviro Labs, LLC
Analytics Enviro Labs, LLC
195 COMMERCE WAY UNIT E

PORTSMOUTH, NH 03801

Ref # 223019.00.02.0002
Invoice #
PO #
Dept #

TRK# 0201 7986 8734 0866

SATURDAY ### A2
PRIORITY OVERNIGHT

03801
NH-US
MHT

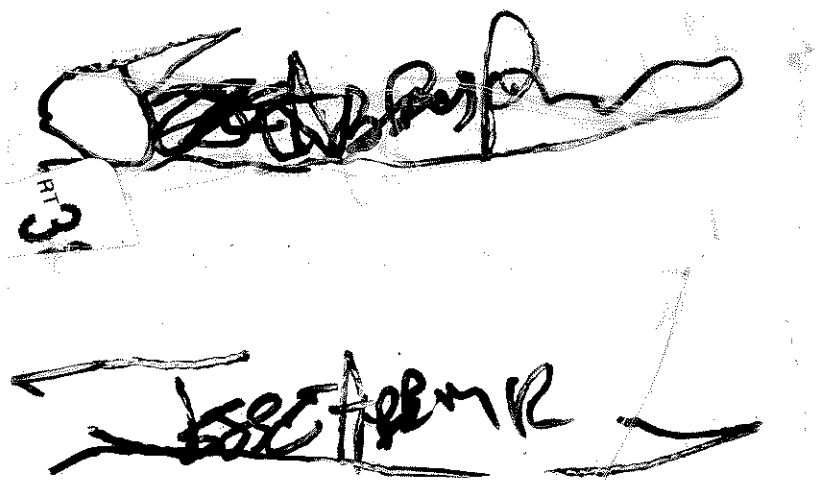
X0 IGGA

505G1/8169/5FE8

After printing this label:
1. Use the 'Print' button on this page to print your label to your laser or inkjet printer.
2. Fold the printed page along the horizontal line.
3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

Warning: Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.
Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com.FedEx will not be responsible for any claim in excess of $100 per package, whether the result of loss, damage, delay, non-delivery,misdelivery,or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim.Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic valueof the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental,consequential, or special is limited to the greater of $100 or the authorized declared value. Recovery cannot exceed actual documented loss.Maximum for items of extraordinary value is $500, e.g. jewelry, precious metals, negotiable instruments and other items listed in our ServiceGuide. Written claims must be filed within strict time limits, see current FedEx Service Guide.

Global Home | Small Business Center | Service Info | About FedEx | Investor Relations | Careers | fedex.com Terms of Use | Security & Privacy | Site Map |
This site is protected by copyright and trademark laws under US and International law. All rights reserved.© 1995- 2010 FedEx



https://www.fedex.com/shipping/shipAction.handle?method=doContinue Analytics Report 66731 page 0051 of 52 5/21/2010

ANALYTICS SAMPLE RECEIPT CHECKLIST

analytics environmental laboratory LLC

AEL LAB#: 66731

CLIENT: Woodard

PROJECT: Amistad Academy

COOLER NUMBER: NA

NUMBER OF COOLERS: 1

DATE RECEIVED: 5/22/10

DATE COOLER OPENED: 5/22/10

A: PRELIMINARY EXAMINATION:

1. Cooler received by(initials): JSB

Date Received: _____

2. Circle one: Hand delivered (If so, skip 3) Shipped

3. Did cooler come with a shipping slip? Y N

3a. Enter carrier name and airbill number here: FedEx 7986 8734 0866

4. Were custody seals on the outside of cooler? Y N
How many & where: 2on lid Seal Date: NA Seal Name: Cannot read name

5. Did the custody seals arrive unbroken and intact upon arrival? Y N

6. COC#: NA

7. Were Custody papers filled out properly (ink,signed, etc)? Y N

8. Were custody papers sealed in a plastic bag? Y N

9. Did you sign the COC in the appropriate place? Y N

10. Was the project identifiable from the COC papers? Y N

N Sampler did not put ~~on~~ what time samples were relinquished to FedEx on 5/21/10

11. Was enough ice used to chill the cooler? Y N Temp. of cooler: 4°C

B. Log-In: Date samples were logged in: 5/22/10 By: JSB

12. Type of packing in cooler(bubble wrap, popcorn) Y N

13. Were all bottles sealed in separate plastic bags? Y N

N grouped 6 in a bag

14. Did all bottles arrive unbroken and were labels in good condition? Y N

15. Were all bottle labels complete(ID,Date,time,etc.) Y N

16. Did all bottle labels agree with custody papers? Y N

17. Were the correct containers used for the tests indicated: Y N

18. Were samples received at the correct pH? Y N/A

19. Was sufficient amount of sample sent for the tests indicated? Y N

20. Were bubbles absent in VOA samples? Y N/A

If NO, List Sample ID's and Lab #s: _____

21. Laboratory labeling verified by (initials): CP Date: 5/22/10

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

August 26, 2010

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

RE: Analytical Results Case Narrative
Analytics # 66781 Revision 1
Amistad Proj.# 223019

Dear Mr. Franklin;

Enclosed please find the analytical results for samples submitted for the above-mentioned project. The attached Cover Page lists the sample IDs, Lab tracking numbers and collection dates for the samples included in this deliverable.

Samples were analyzed for Polychlorinated Biphenyls (PCBs) by EPA Method 8082.

Revision 1: This report has been revised to correct the data entry error for the surrogate result on samples B060110PSOX and 66781-1 (AA-VCS-014). Please replace pages 001, 002,006, 007 and 010 of the original report with the pages provided here

Unless otherwise noted in the Non-conformance Summary listed below, all of the quality control (QC) criteria including initial calibration, calibration verification, surrogate recovery, holding time and method accuracy/precision for these analyses were within acceptable limits.

This Level II data package has been assembled in the following order:

Case Narrative/Non-Conformance Summary
Sample Log Sheet - Cover Page
PCB Form 1 Data Sheet for Samples and Blanks
Chromatograms
PCB Form 10 Confirmation Results
PCB Form 3 MS/MSD (LCS) Recoveries
Chain of Custody (COC) Forms

QC NON-CONFORMANCE SUMMARY

Sample Receipt:
The samples were received at the laboratory at a temperature of 8° C and the chain of custody had no time relinquished listed. The sample container for 66781-2 (AA0VCS-015) was broken upon receipt however was contained in a secondary bag. The sample was transferred to a new sample container upon receipt at the laboratory. The client was notified and analysis continued.

PCBs by EPA Method 8082:
No results were reported below the quantitation limit.

If you have any questions on these results, please do not hesitate to contact me.

Sincerely,
ANALYTICS Environmental Laboratory, LLC
Stephen L. Knollmeyer
Laboratory Director

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 26, 2010

SAMPLE DATA

Lab Sample ID: B060110PSOX
Matrix: Soil
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date:
Lab Receipt Date:
Extraction Date: 06/01/10
Analysis Date: 06/03/10

CLIENT SAMPLE ID

Project Name: AMISTAD ACADEMY
Project Number: 223019
Field Sample ID: Lab QC

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	96	%
Decachlorobiphenyl	96	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

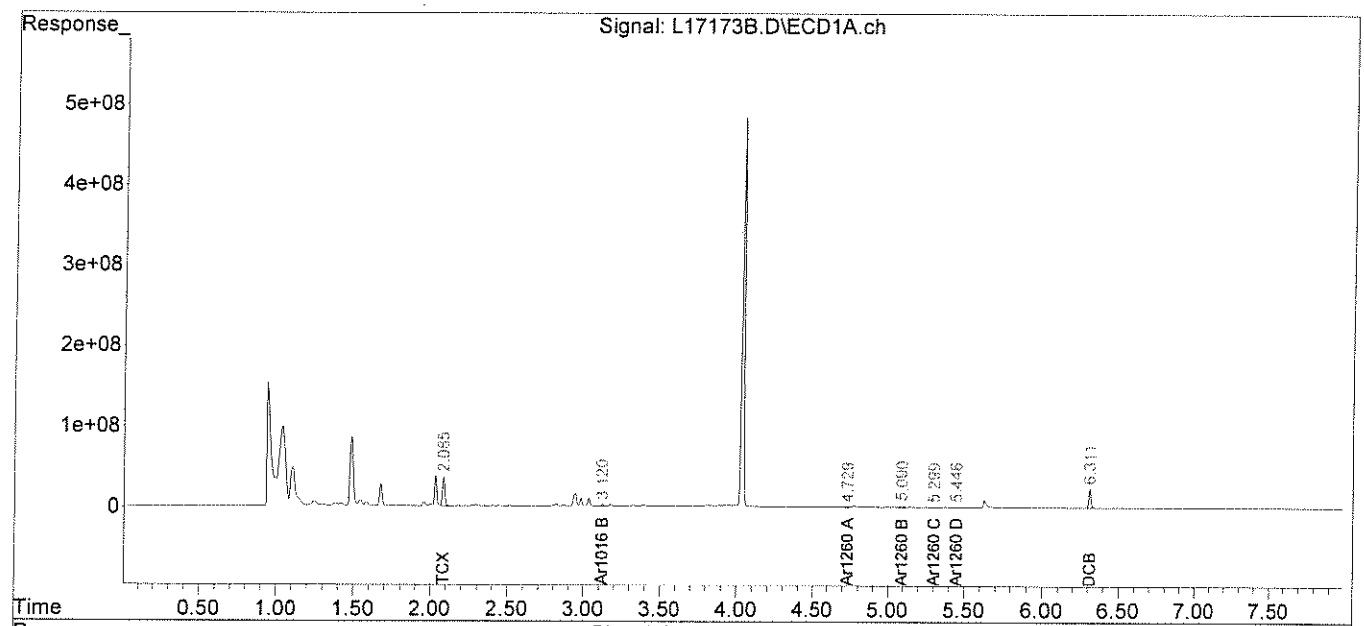
Quantitation Report (Not Reviewed)

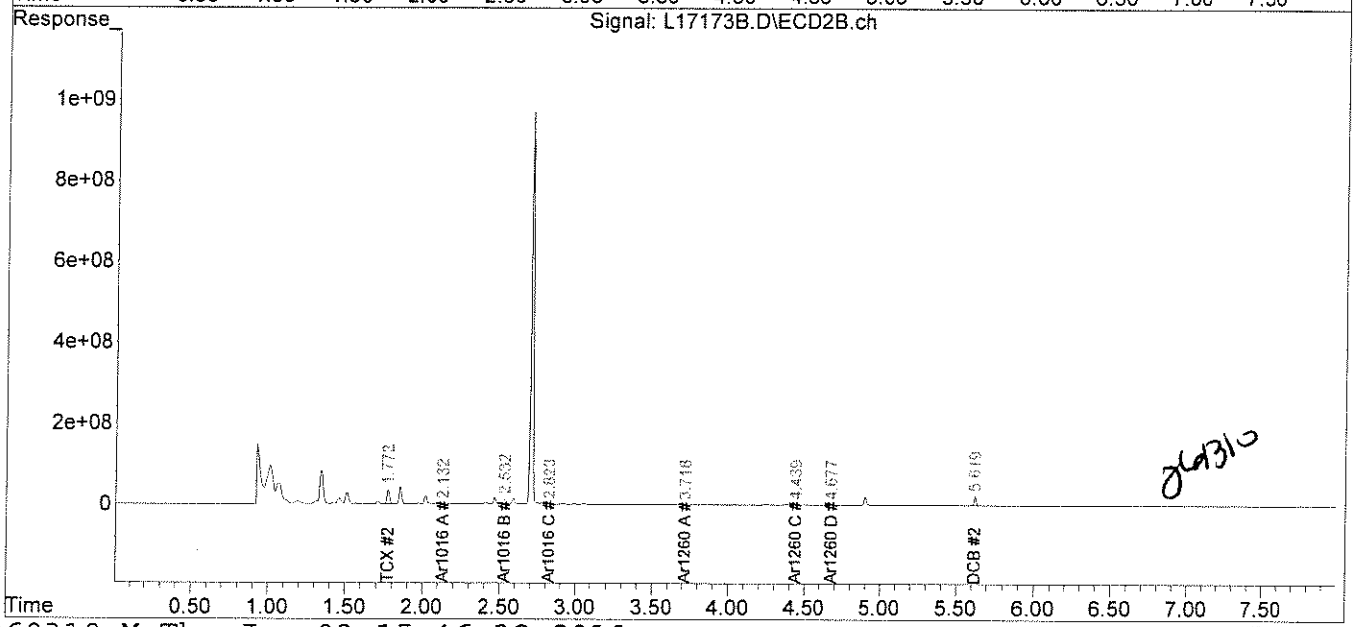
Data Path : C:\msdchem\1\DATA\060310-L\
Data File : L17173B.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 3 Jun 10 3:15 pm
Operator : JK
Sample : B060110PSOX,,A/C
Misc : SOIL
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 03 15:46:32 2010
Quant Method : C:\msdchem\1\METHODS\PCB060310.M
Quant Title : SW-846 8082 /EPA 608 Aroclor 1016/1260
QLast Update : Thu Jun 03 13:34:06 2010
Response via : Initial Calibration
Integrator: ChemStation

06.03.10

Volume Inj. : 2 ul
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPEstides
Signal #1 Info : 30m x0.25 mm x 0. Signal #2 Info : 30m x0.25 mm, 0.25um





060310

Analytics Report 66701 page 007 of 29

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 26, 2010

SAMPLE DATA

Lab Sample ID:	66781-1
Matrix:	Solid
Percent Solid:	99
Dilution Factor:	1.0
Collection Date:	05/26/10
Lab Receipt Date:	05/27/10
Extraction Date:	06/01/10
Analysis Date:	06/04/10

CLIENT SAMPLE ID

Project Name:	AMISTAD ACADEMY
Project Number:	223019
Field Sample ID:	AA-VCS-014

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	**109**
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	79	%
Decachlorobiphenyl	83	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

August 26, 2010

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

RE: Analytical Results Case Narrative
Analytics # 66844 Revision 1
AMISTAD ACADEMY

Dear Mr. Franklin;

Enclosed please find the analytical results for samples submitted for the above-mentioned project. The attached Cover Page lists the sample IDs, Lab tracking numbers and collection dates for the samples included in this deliverable.

Samples were analyzed Polychlorinated Biphenyls (PCBs) by EPA Method 8082.

Revision 1: This report has been revised to correct the data entry error for the surrogate result on the laboratory blank B060710PSOX2. Please replace pages 001, 002 and 006 of the original report with the pages provided here.

Unless otherwise noted in the Non-conformance Summary listed below, all of the quality control (QC) criteria including initial calibration, calibration verification, surrogate recovery, holding time and method accuracy/precision for these analyses were within acceptable limits.

This Level II data package has been assembled in the following order:

Case Narrative/Non-Conformance Summary
Sample Log Sheet - Cover Page
PCB Form 1 Data Sheet for Samples and Blanks
Chromatograms
PCB Form 10 Confirmation Results
PCB Form 3 MS/MSD (LCS) Recoveries
Chain of Custody (COC) Forms

QC NON-CONFORMANCE SUMMARY

Sample Receipt:
The samples were received at the laboratory at a temperature of 12.2 C and the chain of custody had no time relinquished listed. There is no sampler signature on chain of custody. The client was notified and analysis continued.

PCBs by EPA Method 8082:
No results were reported below the quantitation limit.

Samples 66844-5 and 66844-6 were analyzed at a dilution due to concentrations of PCBs in the sample that exceeded the calibration range of the instrument.

The closing continuing calibration standard (file# L17319SC) had low recovery for Decachlorobiphenyl (DCB) on column#2 (80%). Column 31 was in control for all analytes. Results were reported without qualification.

If you have any questions on these results, please do not hesitate to contact me.

Sincerely,
ANALYTICS Environmental Laboratory, LLC

Stephen L. Knollmeyer
Laboratory Director

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 26, 2010

SAMPLE DATA

Lab Sample ID: B060710PSOX2
Matrix: Soil
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date:
Lab Receipt Date:
Extraction Date: 06/07/10
Analysis Date: 06/08/10

CLIENT SAMPLE ID

Project Name: AMISTAD ACADEMY
Project Number: 223019
Field Sample ID: Lab QC

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	94	%
Decachlorobiphenyl	62	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

August 26, 2010

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

RE: Analytical Results Case Narrative
Analytics # 66845 Revision 1
AMISTAD ACADEMY

Dear Mr. Franklin;

Enclosed please find the analytical results for samples submitted for the above-mentioned project. The attached Cover Page lists the sample IDs, Lab tracking numbers and collection dates for the samples included in this deliverable.

Samples were analyzed Polychlorinated Biphenyls (PCBs) by EPA Method 8082.

Revision 1: this report has been revised to include the form 2 and form 3 for the aqueous sample that was mistakenly omitted from the original report.

Unless otherwise noted in the Non-conformance Summary listed below, all of the quality control (QC) criteria including initial calibration, calibration verification, surrogate recovery, holding time and method accuracy/precision for these analyses were within acceptable limits.

This Level II data package has been assembled in the following order:

Case Narrative/Non-Conformance Summary
Sample Log Sheet - Cover Page
PCB Form 1 Data Sheet for Samples and Blanks
Chromatograms
PCB Form 10 Confirmation Results
PCB Form 3 MS/MSD (LCS) Recoveries
Chain of Custody (COC) Forms

QC NON-CONFORMANCE SUMMARY

Sample Receipt:
The samples were received at the laboratory at a temperature of 18.1° C and the chain of custody had no time relinquished listed. There is no sampler signature on chain of custody. The label for 66845-6 had a sample name of "AA-VS-017" which did not match the chain of custody sample name AA-VCS-017. The chain of custody is correct as per client. One of two sample containers for AA-VCS-Q-022 was broken upon receipt. The sample was transferred to a new sample container upon receipt at the laboratory. The client was notified and analysis continued.

PCBs by EPA Method 8082:
No results were reported below the quantitation limit.

Samples 66845-3 and 66845-4 were analyzed at a dilution due to concentrations of PCBs in the sample that exceeded the calibration range of the instrument.

Tetrachloro-m-xylene (TCX), PCB 1016 and PCB 1260 had high recovery in the closing continuing calibration standard (File# L17306SC) on column #2 but in control for column #1. The standard was re-analyzed with all in control. Results were reported without qualification.

The opening continuing calibration standard (file# L17319SC) had low recovery for Decachlorobiphenyl (DCB) on column#1 (80%). The closing continuing calibration standard (File# L17335SC) was in control for DCB. Results were reported without qualification.

The closing continuing calibration standard (file# L17350SC) had low recovery for Decachlorobiphenyl (DCB) on column#2 (81%) but in control for column #1. The standard was re-analyzed with all in control. Results were reported without qualification.

If you have any questions on these results, please do not hesitate to contact me.

Sincerely,
ANALYTICS Environmental Laboratory, LLC

Stephen L. Knollmeyer
Laboratory Director

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

Report Number: 66845

Revision: Rev. 1

Re: AMISTAD ACADEMY (Project No: 223819)

Enclosed are the results of the analyses on your sample(s). Samples were received on 03 June 2010 and analyzed for the tests listed. Samples were received in acceptable condition, with the exceptions noted below or on the chain of custody. These results pertain to samples as received by the laboratory and for the analytical tests requested on the chain of custody. The results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report. Please see individual reports for specific methodologies and references.

Lab Number	Sample Date	Station Location	Analysis	Comments
66845-1	06/02/10	AA-VCS-018	EPA 8082 (PCBs only)	
66845-2	06/02/10	AA-VCS-019	EPA 8082 (PCBs only)	
66845-3	06/02/10	AA-VCS-020	EPA 8082 (PCBs only)	
66845-4	06/02/10	AA-VCS-521	EPA 8082 (PCBs only)	
66845-5	06/02/10	AA-VCS-Q-022	EPA 8082 (PCBs only)	
66845-6	06/02/10	AA-VCS-017	Electronic Data Deliverable	
	06/02/10	AA-VCS-017	EPA 8082 (PCBs only)	

Sample Receipt Exceptions: Samples received at 18.1 °C which was outside laboratory acceptance criteria. The client was notified and analysis continued.

Analytics Environmental Laboratory is certified by the states of New Hampshire, Maine, Massachusetts, Connecticut, Rhode Island, Virginia, Maryland, and is accredited by the Deparment of Defense (DOD) ELAP program. A list of actual certified parameters is available upon request.

If you have any questions on these results, please do not hesitate to contact us.

Authorized signature _____
Stephen L. Knollmeyer Lab. Director

Date 06/24/10

This report shall not be reproduced, except in full, without the written consent of Analytics Environmental Laboratory, LLC.

analytics environmental laboratory LLC

Surrogate Compound Limits

Matrix:	Aqueous	Solid	
Units:	% Recovery	% Recovery	Method
Volatile Organic Compounds - Drinking Water			
1,4-Difluorobenzene	70-130		EPA 524.2
Bromofluorobenzene	70-130		
1,2-Dichlorobenzene-d4	70-130		
Volatile Organic Compounds			
1,2-Dichloroethane-d4	70-120	70-120	EPA 624/8260B
Toluene-d8	85-120	85-120	
Bromofluorobenzene	75-120	75-120	
Semi-Volatile Organic Compounds			
2-Fluorophenol	20-110	35-105	EPA 625/8270C
d5-Phenol	15-110	40-100	
d5-nitrobenzene	40-110	35-100	
2-Fluorobiphenyl	50-110	45-105	
2,4,6-Tribromophenol	40-110	40-125	
d14-p-terphenyl	50-130	30-125	
PAH's by SIM			
d5-nitrobenzene	21-110	35-110	EPA 8270C
2-Fluorobiphenyl	36-121	45-105	
d14-p-terphenyl	33-141	30-125	
Pesticides and PCBs			
2,4,5,6-Tetrachloro-m-xylene (TCX)	46-122	40-130	EPA 608/8082
Decachlorobiphenyl (DCB)	40-135	40-130	
Herbicides			
Dichloroacetic acid (DCAA0	30-150	30-150	
Gasoline Range Organics/TPH Gasoline			
Trifluorotoluene TFT (FID)	60-140	60-140	MEDEP 4217/EPA 8015
Bromofluorobenzene (BFB) (FID)	60-140	60-140	
Trifluorotoluene TFT (PID)	60-140	60-140	
Bromofluorobenzene (BFB) (PID)	60-140	60-140	
Diesel Range Organics/TPH Diesel			
m-terphenyl	60-140	60-140	MEDEP 4125/EPA 8015/CT ETPH

PCB
DATA SUMMARIES

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 10, 2010

SAMPLE DATA

CLIENT SAMPLE ID

Project Name: AMISTAD ACADEMY

Project Number: 223819

Field Sample ID: Lab QC

Lab Sample ID: B060710PSOX2 RR
Matrix: Soil
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date:
Lab Receipt Date:
Extraction Date: 06/07/10
Analysis Date: 06/08/10

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	98	%
Decachlorobiphenyl	49	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB Report

Authorized signature

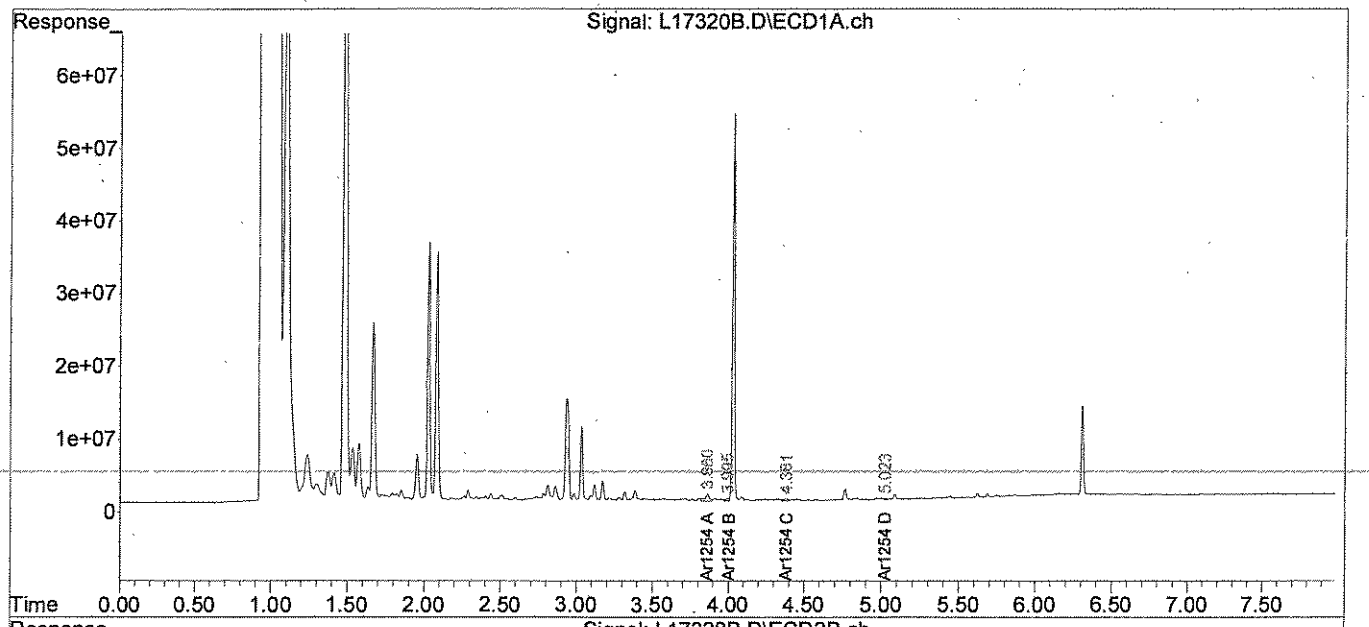
Quantitation Report (Not Reviewed)

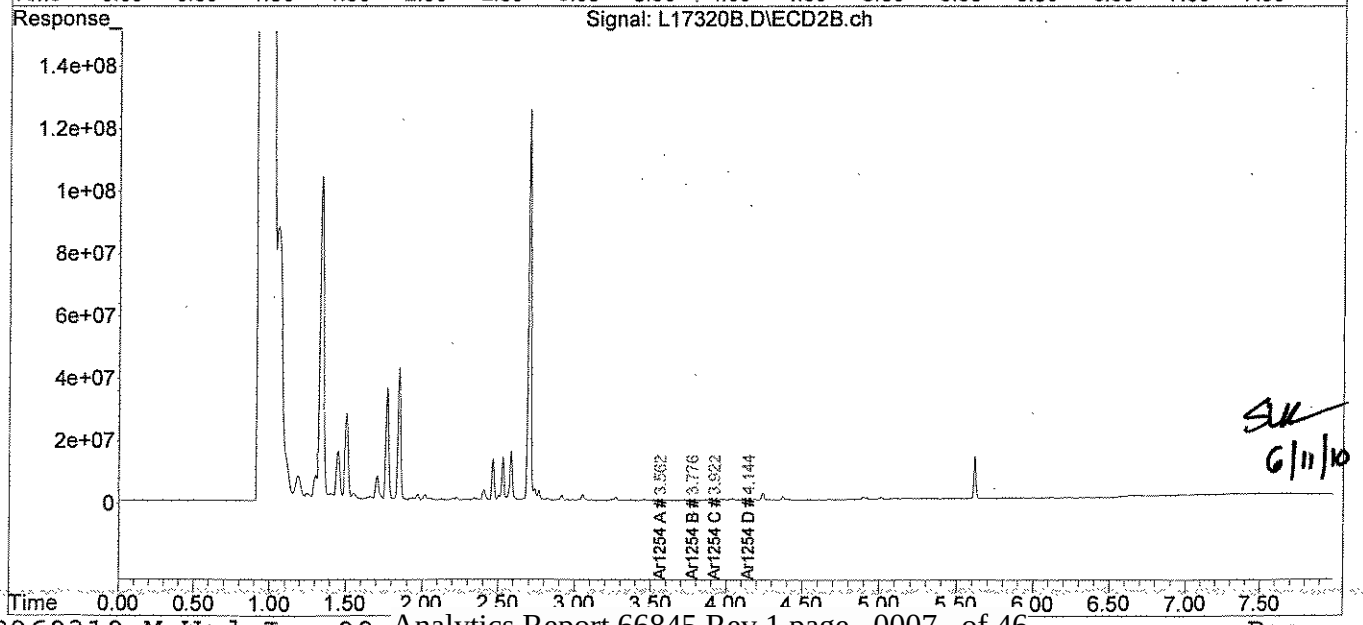
Data Path : C:\msdchem\1\DATA\060810-L\
Data File : L17320B.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 8 Jun 10 8:30 pm
Operator : JK
Sample : B060710PSOX2,RR,,A/C
Misc : SOIL
ALS Vial : 24 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 09 14:02:03 2010
Quant Method : C:\msdchem\1\METHODS\54SP060310.M
Quant Title :
QLast Update : Thu Jun 03 15:56:13 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

06.09.10





SK 6/11/10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 11, 2010

SAMPLE DATA

Lab Sample ID: B060810PW
Matrix: Aqueous
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date:
Lab Receipt Date:
Extraction Date: 06/08/10
Analysis Date: 06/10/10

CLIENT SAMPLE ID

Project Name: AMISTAD ACADEMY
Project Number: 223819
Field Sample ID: Lab QC

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/L	Results µg/L
PCB-1016	0.2	U
PCB-1221	0.2	U
PCB-1232	0.2	U
PCB-1242	0.2	U
PCB-1248	0.2	U
PCB-1254	0.2	U
PCB-1260	0.2	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	85	%
Decachlorobiphenyl	63	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS:

PCB Report

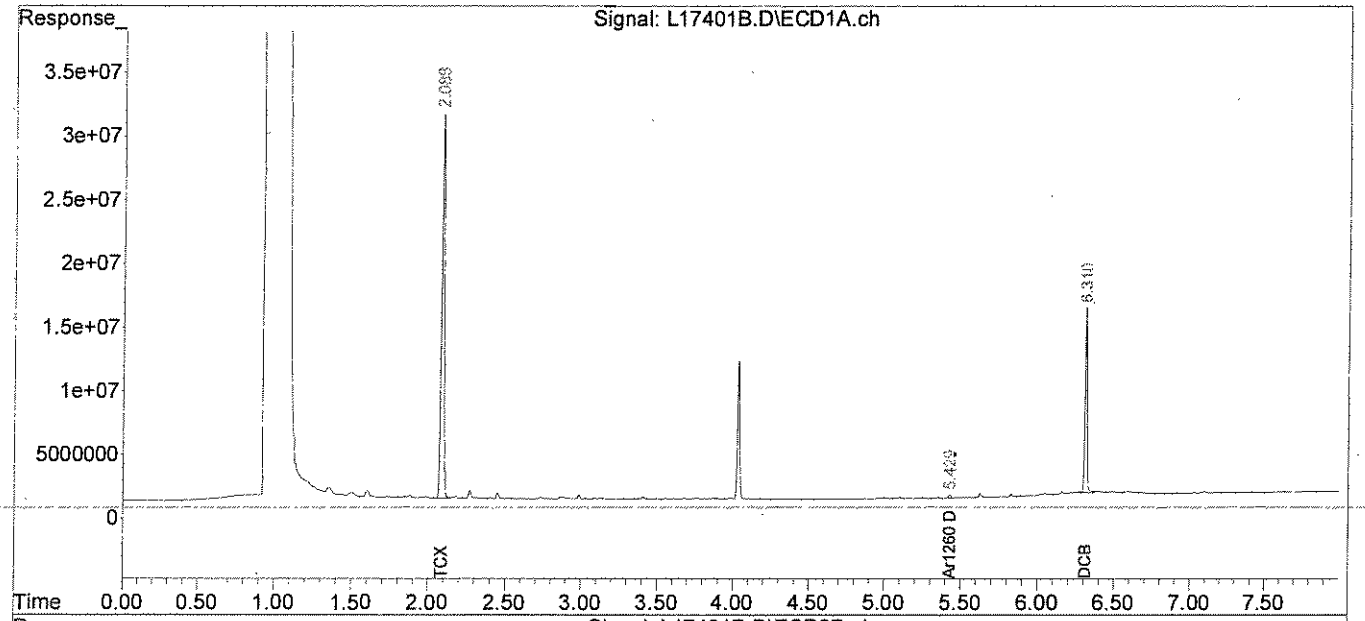
Authorized signature

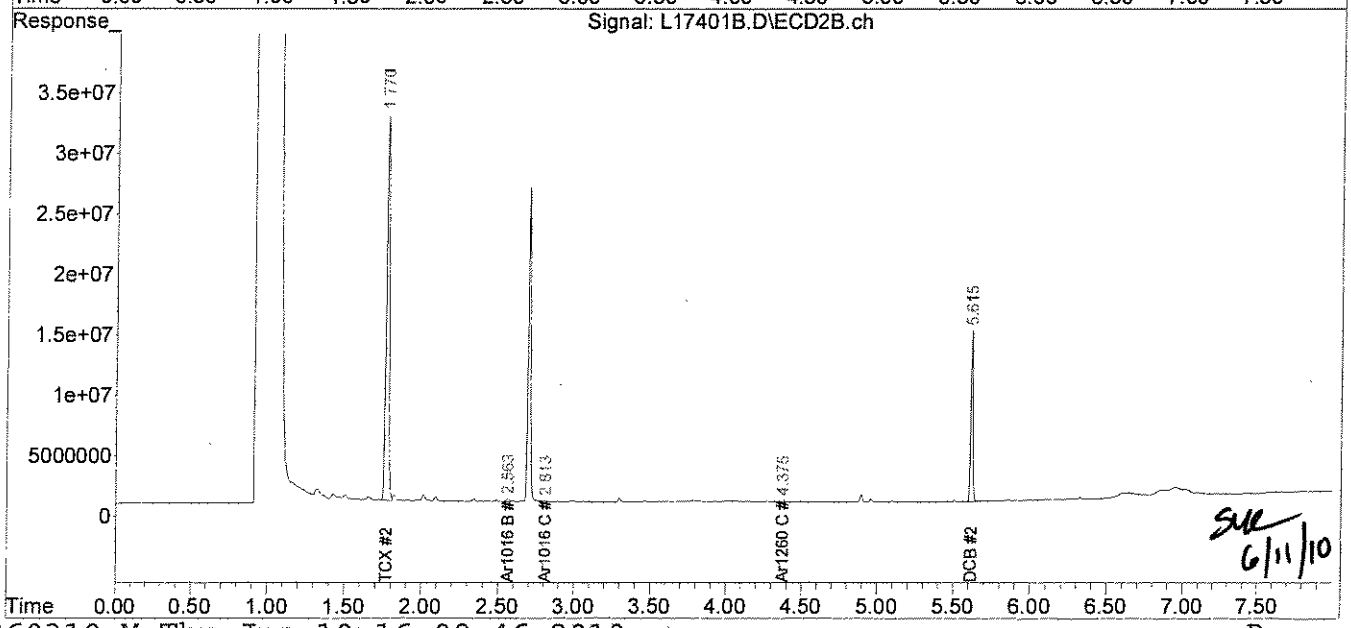
Data Path : C:\msdchem\1\DATA\061010-L\
Data File : L17401B.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jun 10 3:16 pm
Operator : JK
Sample : B060810PW
Misc :
ALS Vial : 20 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 10 16:09:46 2010
Quant Method : C:\msdchem\1\METHODS\PCB060310.M
Quant Title : SW-846 8082 /EPA 608 Aroclor 1016/1260
QLast Update : Thu Jun 03 13:34:06 2010
Response via : Initial Calibration
Integrator: ChemStation

JR 06.10.10

Volume Inj. : 2 ul
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPEstides
Signal #1 Info : 30m x0.25 mm x 0. Signal #2 Info : 30m x0.25 mm, 0.25um





SUR 6/11/10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 10, 2010

SAMPLE DATA

Lab Sample ID: B060710PSOX RR2
Matrix: Soil
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date:
Lab Receipt Date:
Extraction Date: 06/07/10
Analysis Date: 06/09/10

CLIENT SAMPLE ID

Project Name: AMISTAD ACADEMY
Project Number: 223819
Field Sample ID: Lab QC

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	100	%
Decachlorobiphenyl	61	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB Report

Authorized signature

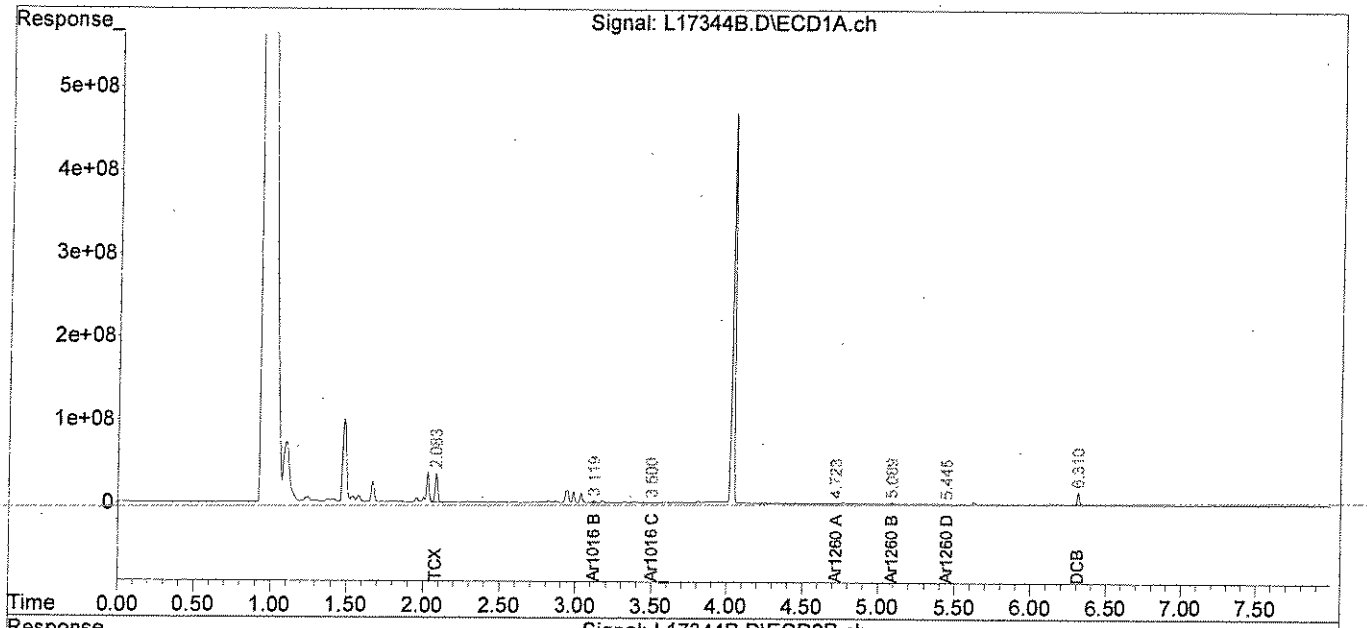
Quantitation Report (Not Reviewed)

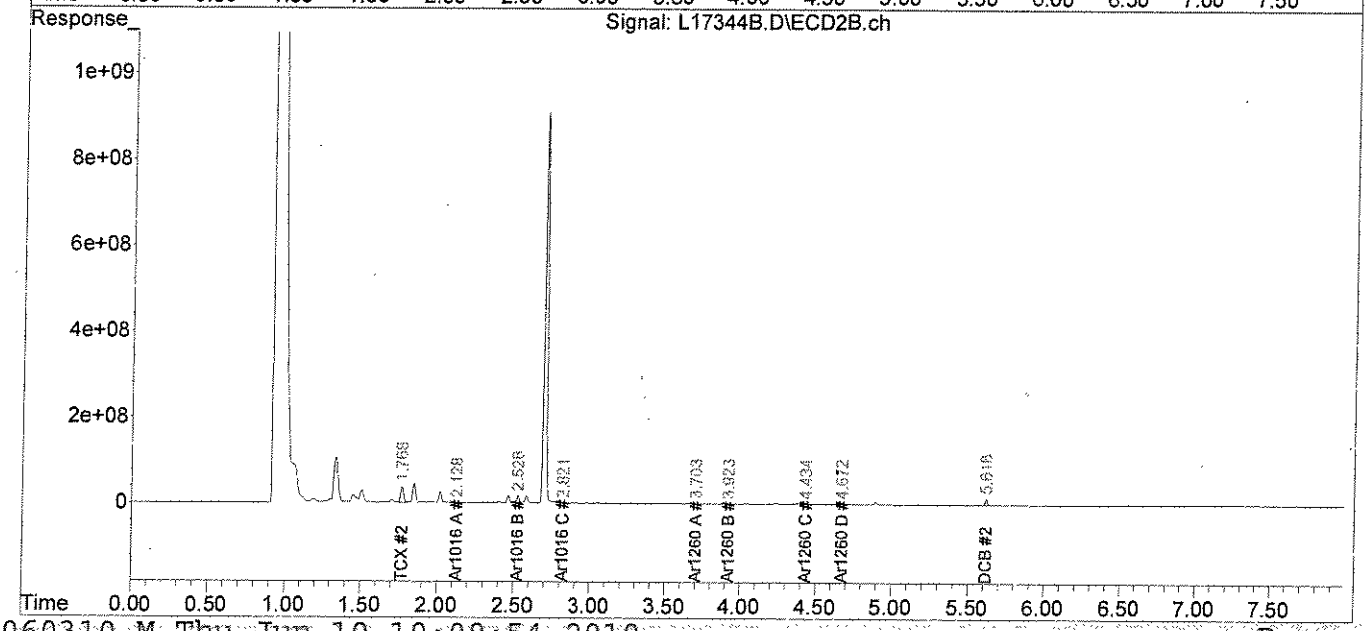
Data Path : C:\msdchem\1\DATA\060910-L\
Data File : L17344B.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 9 Jun 10 3:12 pm
Operator : JK
Sample : B060710PSOX,RR2,,A/C (Sig #1); B0710PSOX,RR2,,A/C (Sig #2)
Misc : SOIL
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 09 16:14:17 2010
Quant Method : C:\msdchem\1\METHODS\PCB060310.M
Quant Title : SW-846 8082 /EPA 608 Aroclor 1016/1260
QLast Update : Thu Jun 03 13:34:06 2010
Response via : Initial Calibration
Integrator: ChemStation

06.10.10

Volume Inj. : 2 ul
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPEstides
Signal #1 Info : 30m x0.25 mm x 0. Signal #2 Info : 30m x0.25 mm, 0.25um





analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 10, 2010

SAMPLE DATA

CLIENT SAMPLE ID

Project Name: AMISTAD ACADEMY

Project Number: 223819

Field Sample ID: AA-VCS-018

Lab Sample ID: 66845-1
Matrix: Solid
Percent Solid: 98
Dilution Factor: 1.0
Collection Date: 06/02/10
Lab Receipt Date: 06/03/10
Extraction Date: 06/07/10
Analysis Date: 06/08/10

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	**41**
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	65	%
Decachlorobiphenyl	45	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: L

GC Column #1: STX-CLPesticides I

Column ID: 0.25 mm

GC Column #2: STX-CLPesticides II

Column ID: 0.25 mm

SDG: 66845

Sample: 66845-1,,A/C

Data File: L17321.D

Dilution Factor: 1.0

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	40	41	2.4	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

PCB FORM 10

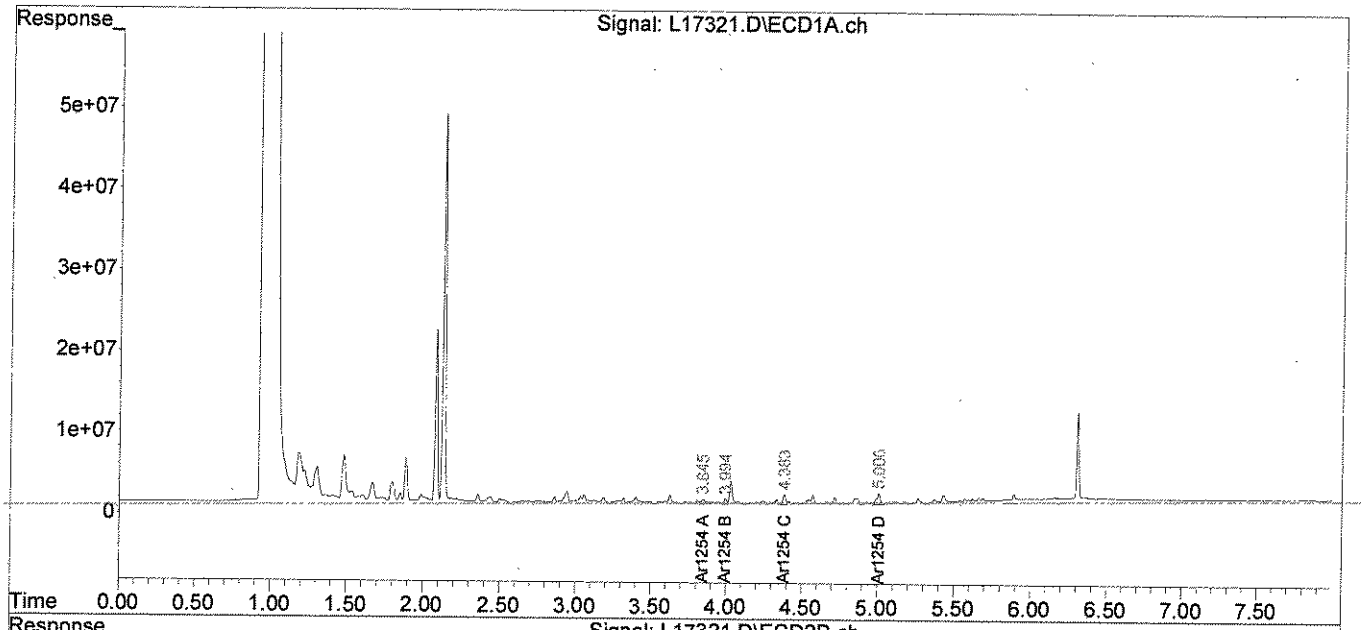
Quantitation Report (Not Reviewed)

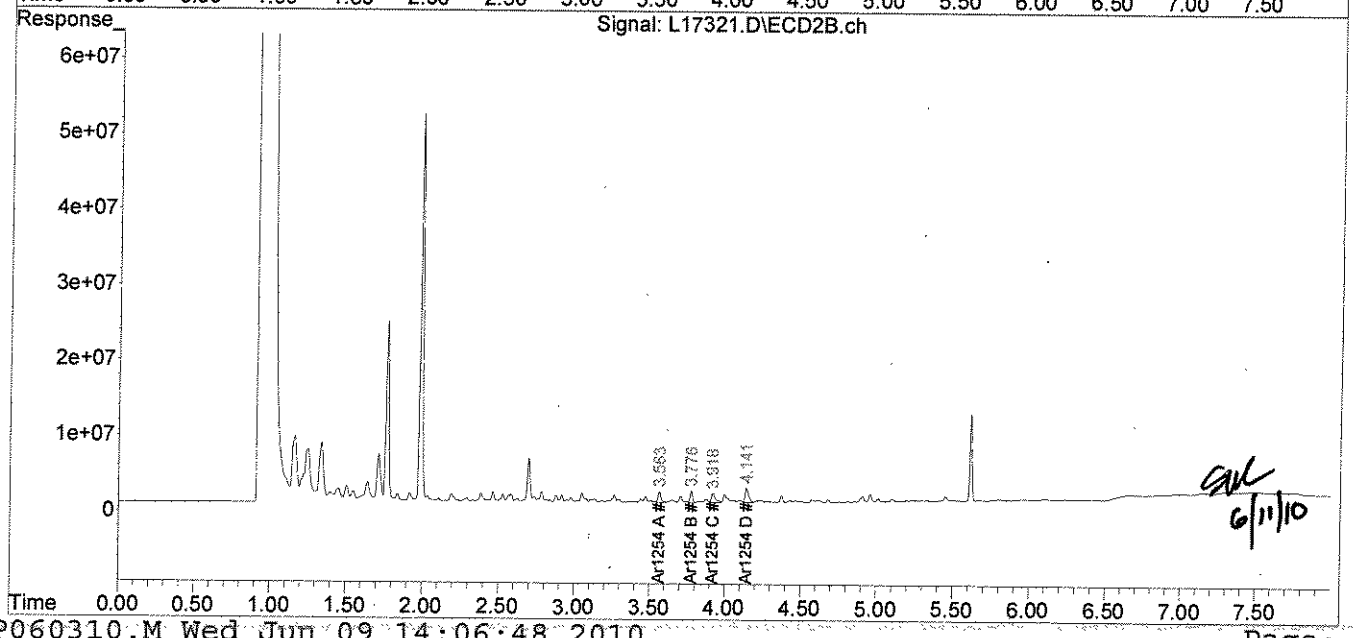
Data Path : C:\msdchem\1\DATA\060810-L\
Data File : L17321.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 8 Jun 10 8:41 pm
Operator : JK
Sample : 66845-1,,A/C
Misc : SOIL
ALS Vial : 34 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 09 14:06:48 2010
Quant Method : C:\msdchem\1\METHODS\54SP060310.M
Quant Title :
QLast Update : Thu Jun 03 15:56:13 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

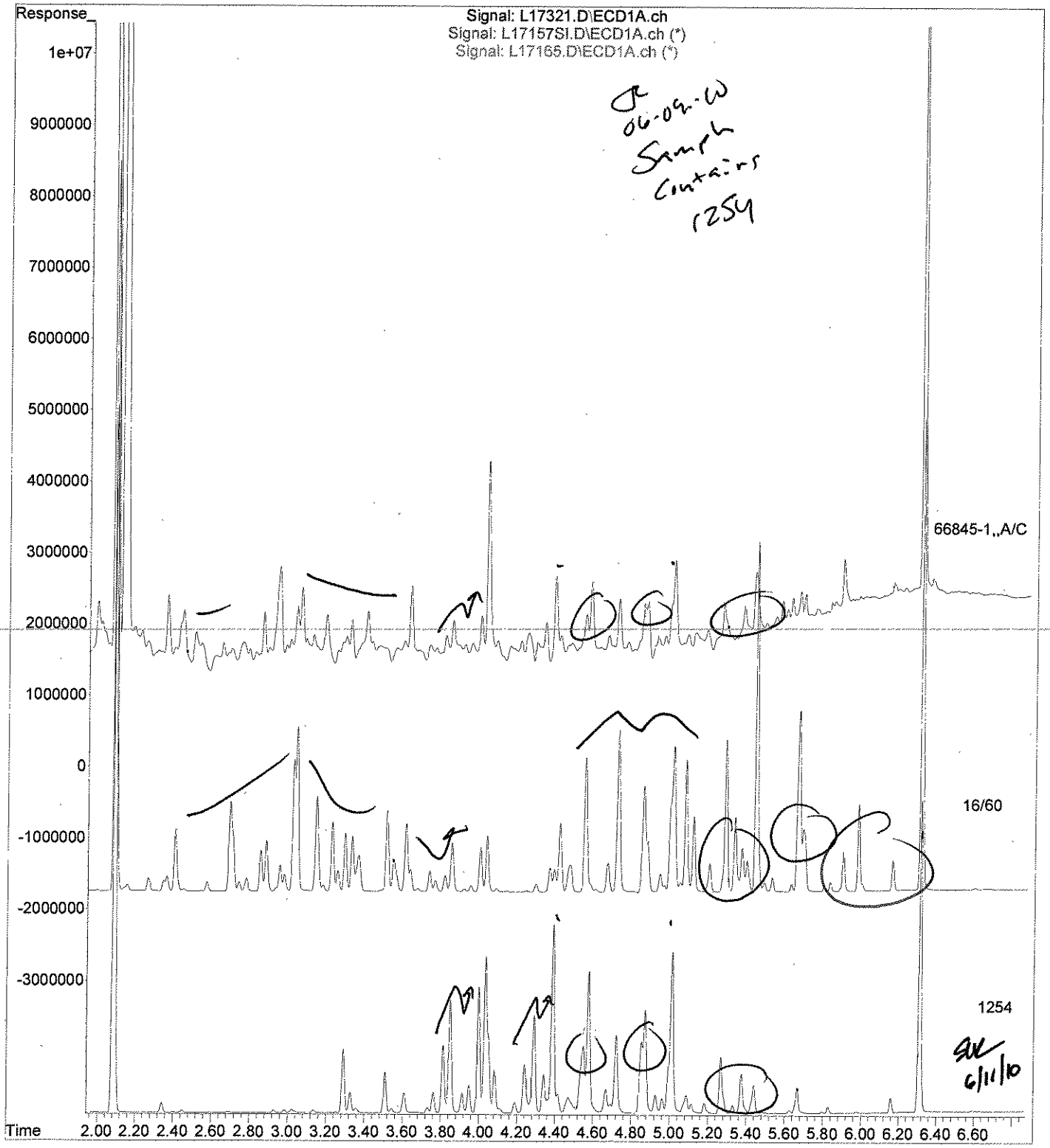
JR 06-09-10





GAL 6/11/10

File :C:\msdchem\1\DATA\060810-L\L17321.D
Operator : JK
Acquired : 8 Jun 10 8:41 pm using AcqMethod PEST.M
Instrument : Inst L
Sample Name: 66845-1,,A/C
Misc Info : SOIL
Vial Number: 34



JK 06-09-10 Sample Contains 1254

SK 6/11/10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 10, 2010

SAMPLE DATA

Lab Sample ID:	66845-2
Matrix:	Solid
Percent Solid:	99
Dilution Factor:	1.0
Collection Date:	06/02/10
Lab Receipt Date:	06/03/10
Extraction Date:	06/07/10
Analysis Date:	06/08/10

CLIENT SAMPLE ID

Project Name:	AMISTAD ACADEMY
Project Number:	223819
Field Sample ID:	AA-VCS-019

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	**259**
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	113	%
Decachlorobiphenyl	62	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: L

GC Column #1: STX-CLPesticides I

Column ID: 0.25 mm

GC Column #2: STX-CLPesticides II

Column ID: 0.25 mm

SDG: 66845

Sample: 66845-2,,A/C

Data File: L17324.D

Dilution Factor: 1.0

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	203	259	24.3	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

PCB FORM 10

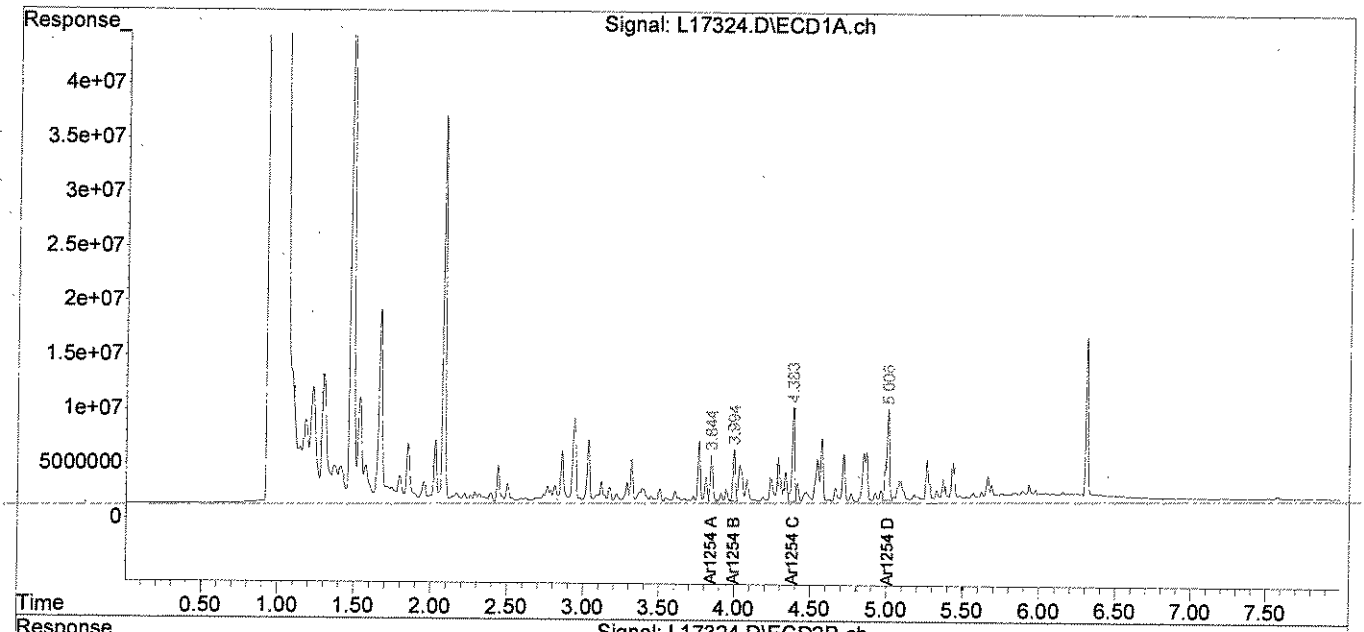
Quantitation Report (Not Reviewed)

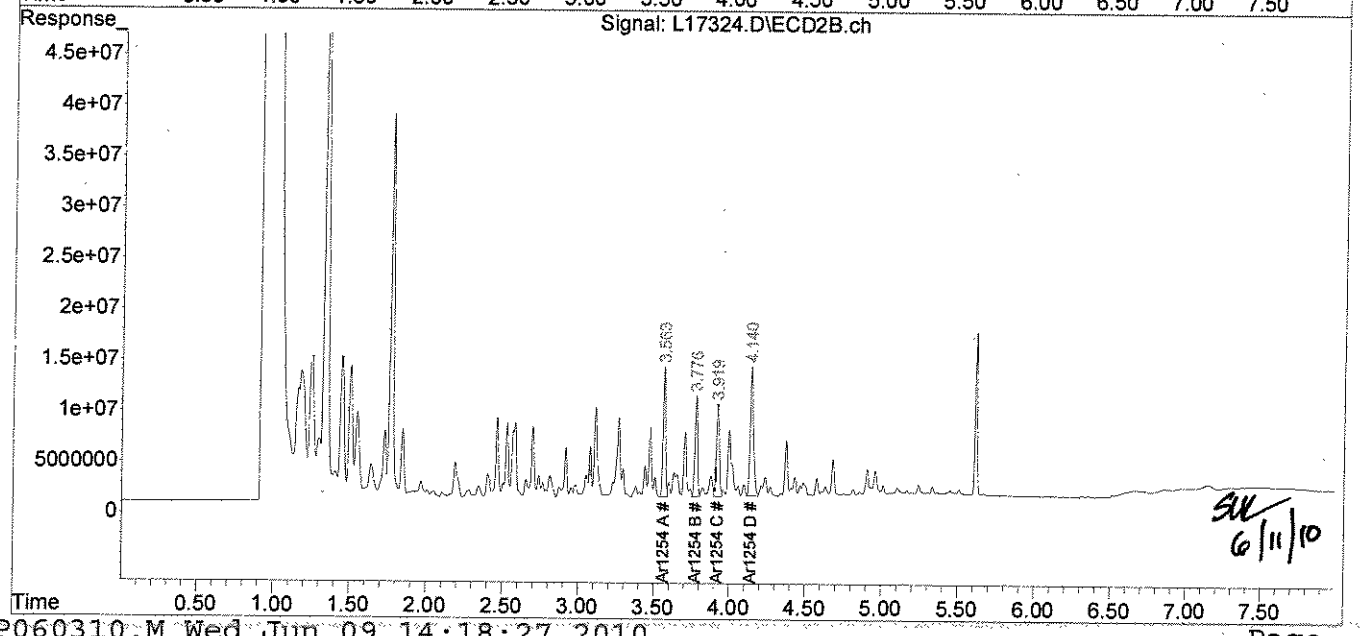
Data Path : C:\msdchem\1\DATA\060810-L\
Data File : L17324.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 8 Jun 10 9:12 pm
Operator : JK
Sample : 66845-2,,A/C
Misc : SOIL
ALS Vial : 37 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 09 14:18:27 2010
Quant Method : C:\msdchem\1\METHODS\54SP060310.M
Quant Title :
QLast Update : Thu Jun 03 15:56:13 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

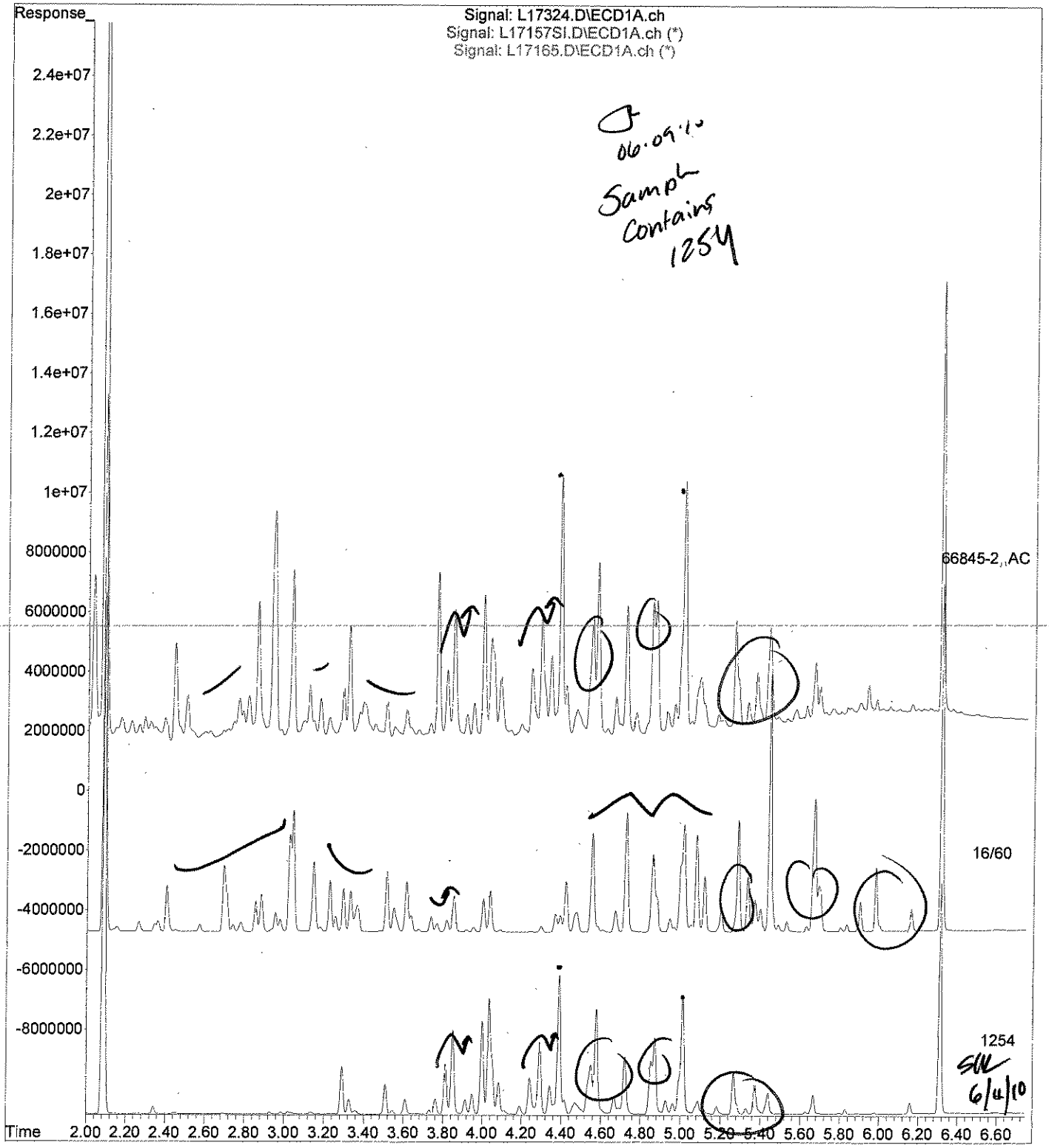
JR 06.09.10





SK 6/11/10

File :C:\msdchem\1\DATA\060810-L\L17324.D
Operator : JK
Acquired : 8 Jun 10 9:12 pm using AcqMethod PEST.M
Instrument : Inst L
Sample Name: 66845-2,,A/C
Misc Info : SOIL
Vial Number: 37



06.09.10
Sample Contains 1254

SW 6/4/10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 10, 2010

SAMPLE DATA

Lab Sample ID:	66845-3
Matrix:	Solid
Percent Solid:	96
Dilution Factor:	48
Collection Date:	06/02/10
Lab Receipt Date:	06/03/10
Extraction Date:	06/07/10
Analysis Date:	06/09/10

CLIENT SAMPLE ID

Project Name:	AMISTAD ACADEMY
Project Number:	223819
Field Sample ID:	AA-VCS-020

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	1580	U
PCB-1221	1580	U
PCB-1232	1580	U
PCB-1242	1580	U
PCB-1248	1580	U
PCB-1254	1580	**42600**
PCB-1260	1580	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	*	%
Decachlorobiphenyl	*	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.
* The surrogates were diluted out.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: L

GC Column #1: STX-CLPesticides I

Column ID: 0.25 mm

GC Column #2: STX-CLPesticides II

Column ID: 0.25 mm

SDG: 66845

Sample: 66845-3,1:50,,A/C

Data File: L17348.D

Dilution Factor: 47.8

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	28712	42555	38.8	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

PCB FORM 10

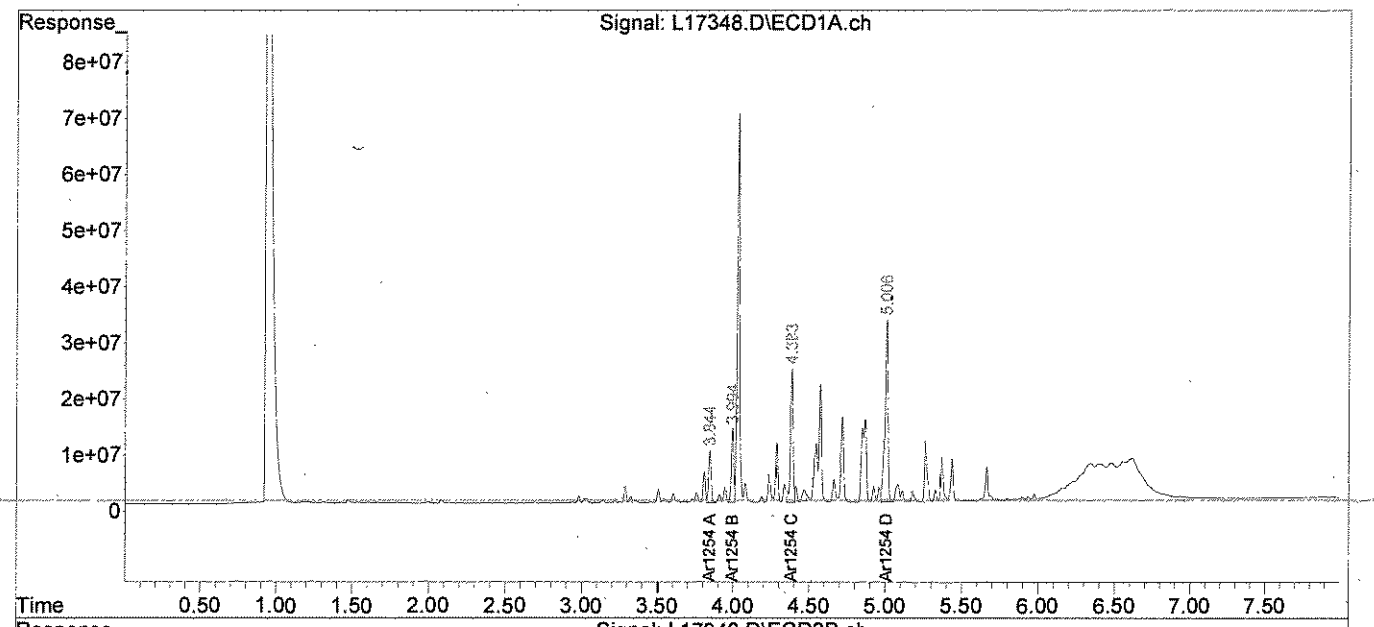
Quantitation Report (Not Reviewed)

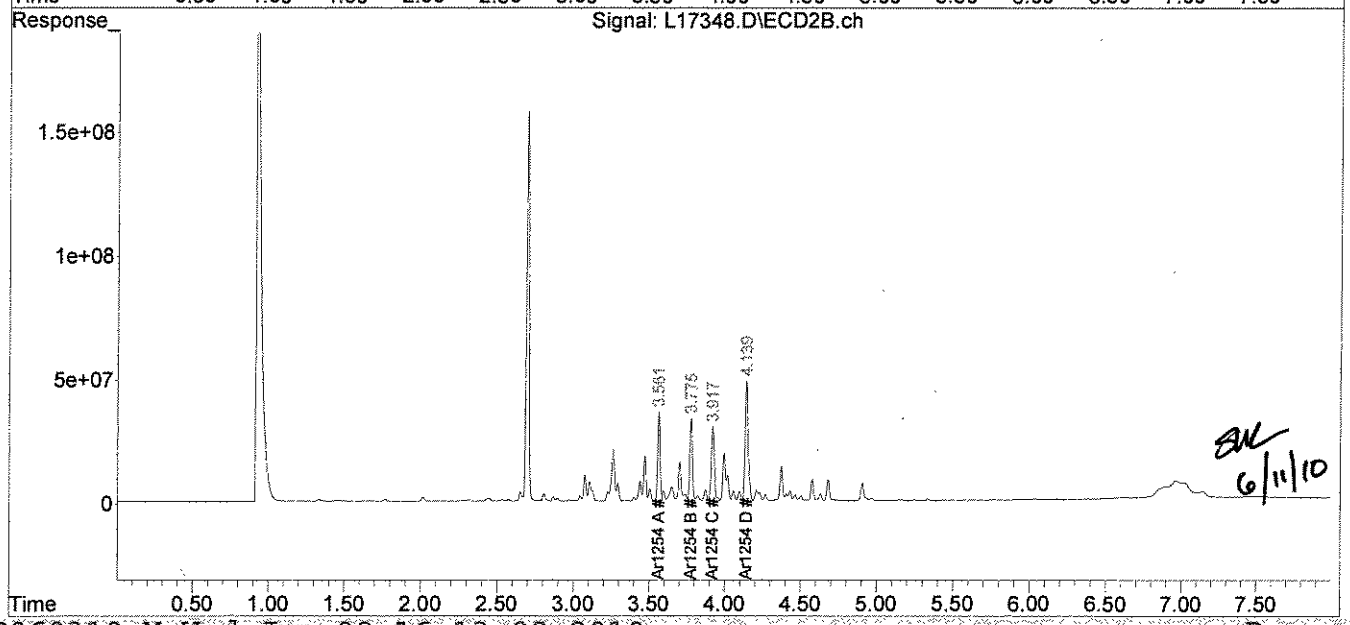
Data Path : C:\msdchem\1\DATA\060910-L\
Data File : L17348.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 9 Jun 10 3:53 pm
Operator : JK
Sample : 66845-3,1:50,,A/C
Misc : SOIL
ALS Vial : 15 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 09 16:13:08 2010
Quant Method : C:\msdchem\1\METHODS\54SP060310.M
Quant Title :
QLast Update : Thu Jun 03 15:56:13 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

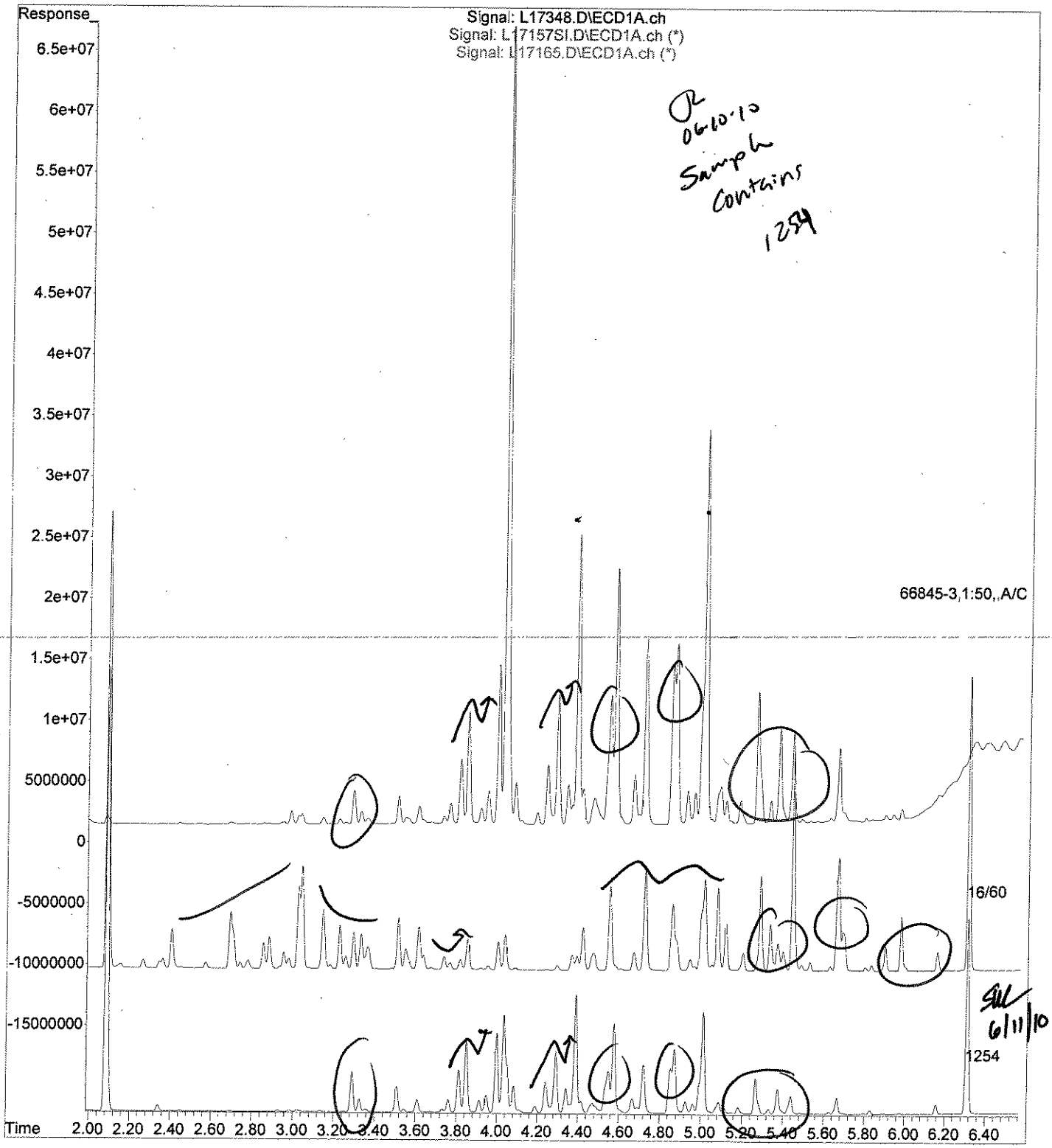
JL 06-10-10





SK 6/11/10

File :C:\msdchem\1\DATA\060910-L\L17348.D
Operator : JK
Acquired : 9 Jun 10 3:53 pm using AcqMethod PEST.M
Instrument : Inst L
Sample Name: 66845-3,1:50,,A/C
Misc Info : SOIL
Vial Number: 15



06.10.10
Sample
Contains
1254

6/11/10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 11, 2010

SAMPLE DATA

Lab Sample ID:	66845-4
Matrix:	Solid
Percent Solid:	78
Dilution Factor:	127
Collection Date:	06/02/10
Lab Receipt Date:	06/03/10
Extraction Date:	06/07/10
Analysis Date:	06/09/10

CLIENT SAMPLE ID

Project Name:	AMISTAD ACADEMY
Project Number:	223819
Field Sample ID:	AA-VCS-521

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	4190	U
PCB-1221	4190	U
PCB-1232	4190	U
PCB-1242	4190	U
PCB-1248	4190	U
PCB-1254	4190	**110000 P**
PCB-1260	4190	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	*	%
Decachlorobiphenyl	*	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.
P=Sample did not meet confirmation acceptance criteria for percent difference.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: L

GC Column #1: STX-CLPesticides I

Column ID: 0.25 mm

GC Column #2: STX-CLPesticides II

Column ID: 0.25 mm

SDG: 66845

Sample: 66845-4,1:100,,A/C

Data File: L17349.D

Dilution Factor: 127.0

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	73053	110433	40.7	*

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

PCB FORM 10

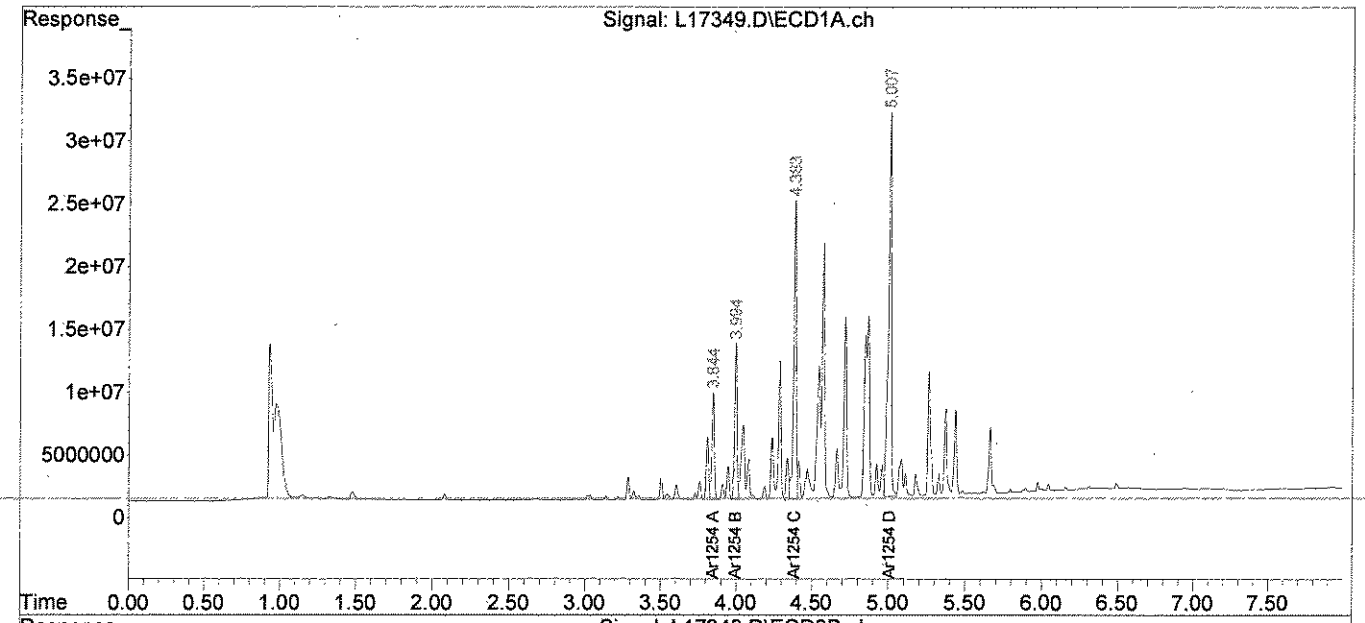
Quantitation Report (Not Reviewed)

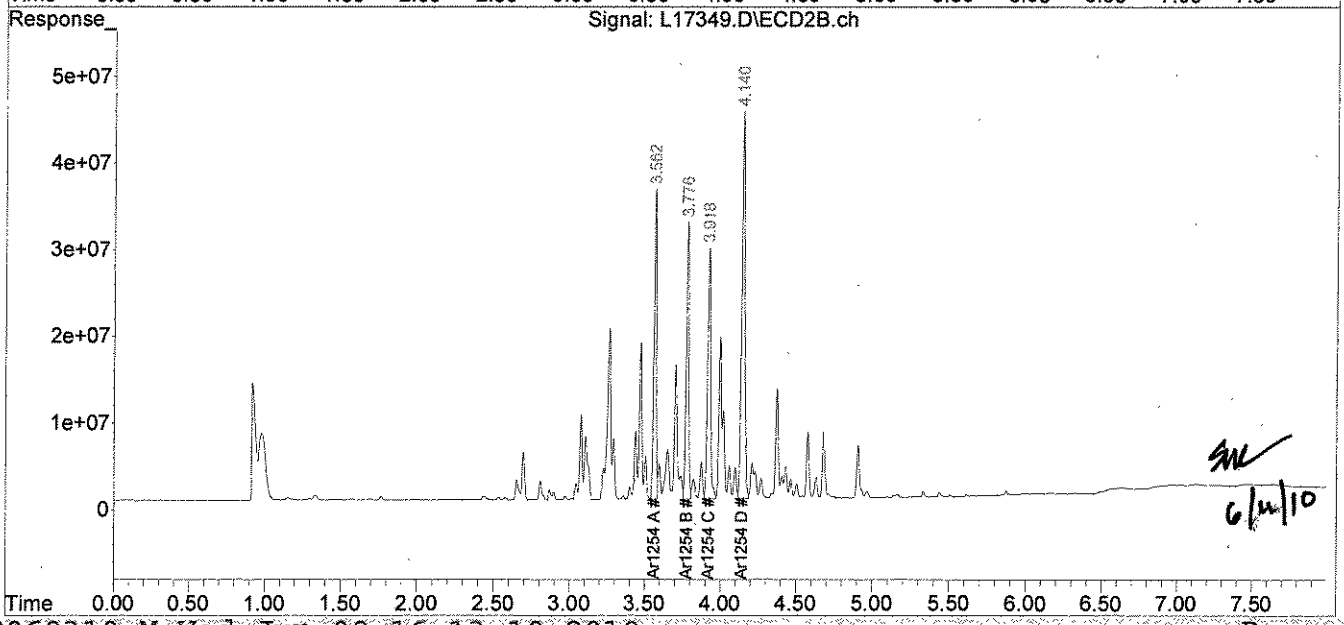
Data Path : C:\msdchem\1\DATA\060910-L\
Data File : L17349.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 9 Jun 10 4:04 pm
Operator : JK
Sample : 66845-4,1:100,,A/C
Misc : SOIL
ALS Vial : 16 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 09 16:13:10 2010
Quant Method : C:\msdchem\1\METHODS\54SP060310.M
Quant Title :
QLast Update : Thu Jun 03 15:56:13 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

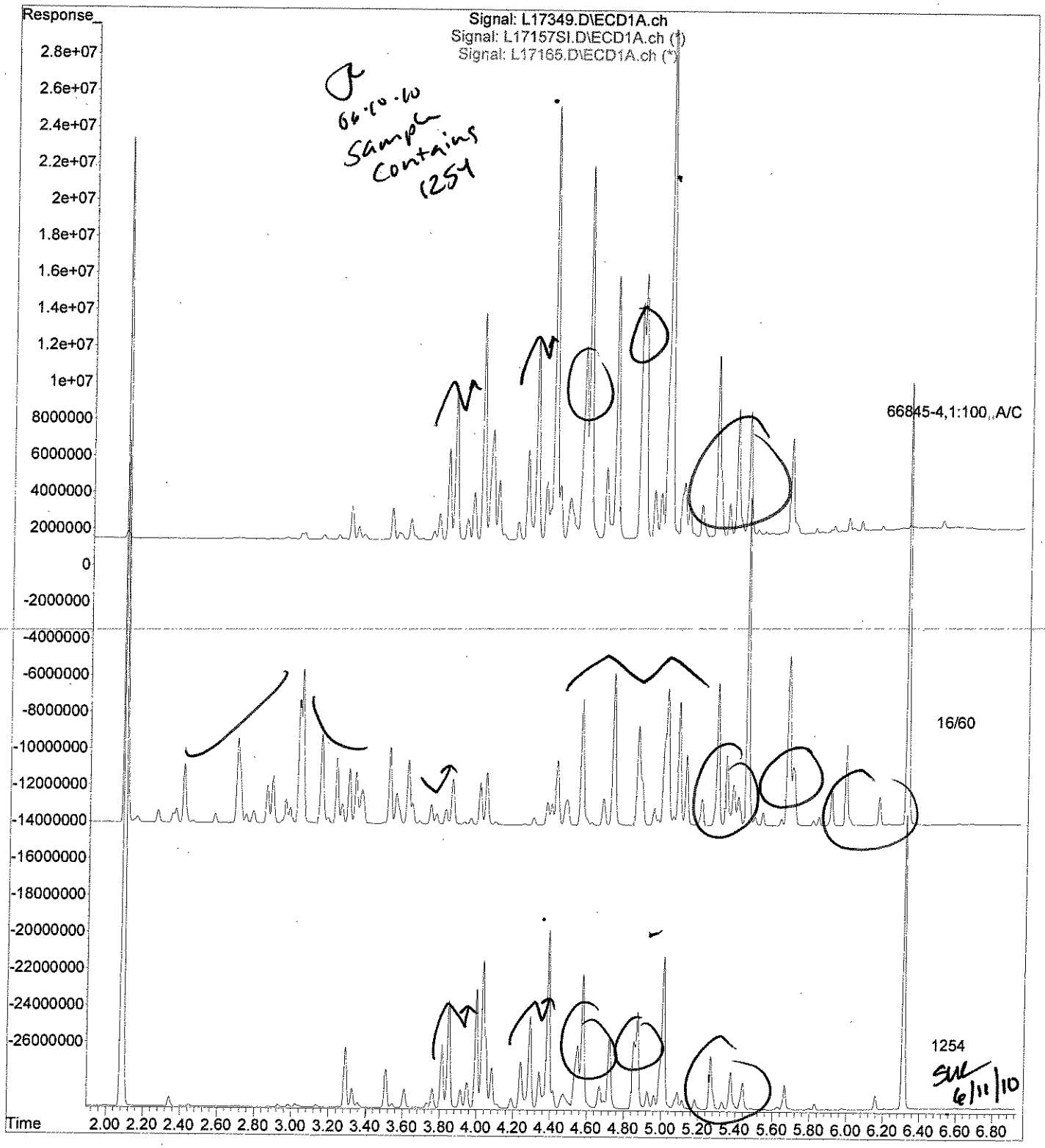
JM 06-10-10





SNL 6/11/10

File :C:\msdchem\1\DATA\060910-L\L17349.D
Operator : JK
Acquired : 9 Jun 10 4:04 pm using AcqMethod PEST.M
Instrument : Inst L
Sample Name: 66845-4,1:100,,A/C
Misc Info : SOIL
Vial Number: 16



Analytics Report 66845 Rev 1 page 0027 of 46

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 11, 2010

SAMPLE DATA

Lab Sample ID:	66845-5
Matrix:	Aqueous
Percent Solid:	N/A
Dilution Factor:	1.0
Collection Date:	06/02/10
Lab Receipt Date:	06/03/10
Extraction Date:	06/08/10
Analysis Date:	06/10/10

CLIENT SAMPLE ID

Project Name:	AMISTAD ACADEMY
Project Number:	223819
Field Sample ID:	AA-VCS-Q-022

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/L	Results µg/L
PCB-1016	0.2	U
PCB-1221	0.2	U
PCB-1232	0.2	U
PCB-1242	0.2	U
PCB-1248	0.2	U
PCB-1254	0.2	U
PCB-1260	0.2	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	88	%
Decachlorobiphenyl	61	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS:

PCB Report

Authorized signature

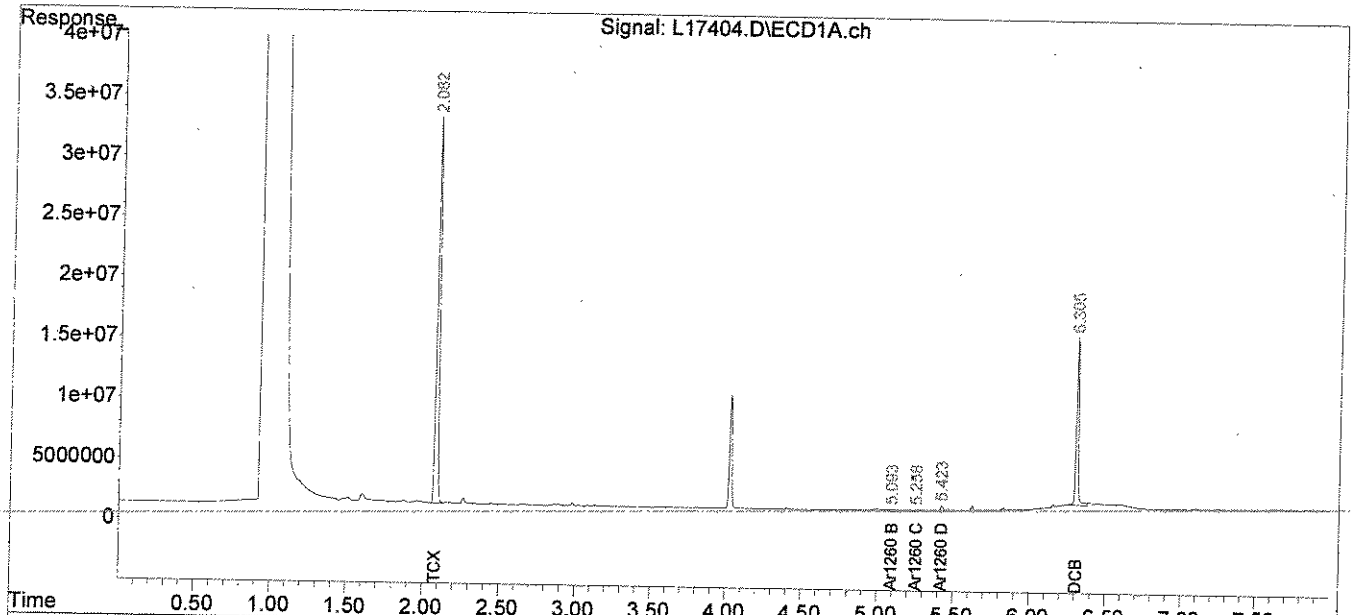
Quantitation Report (Not Reviewed)

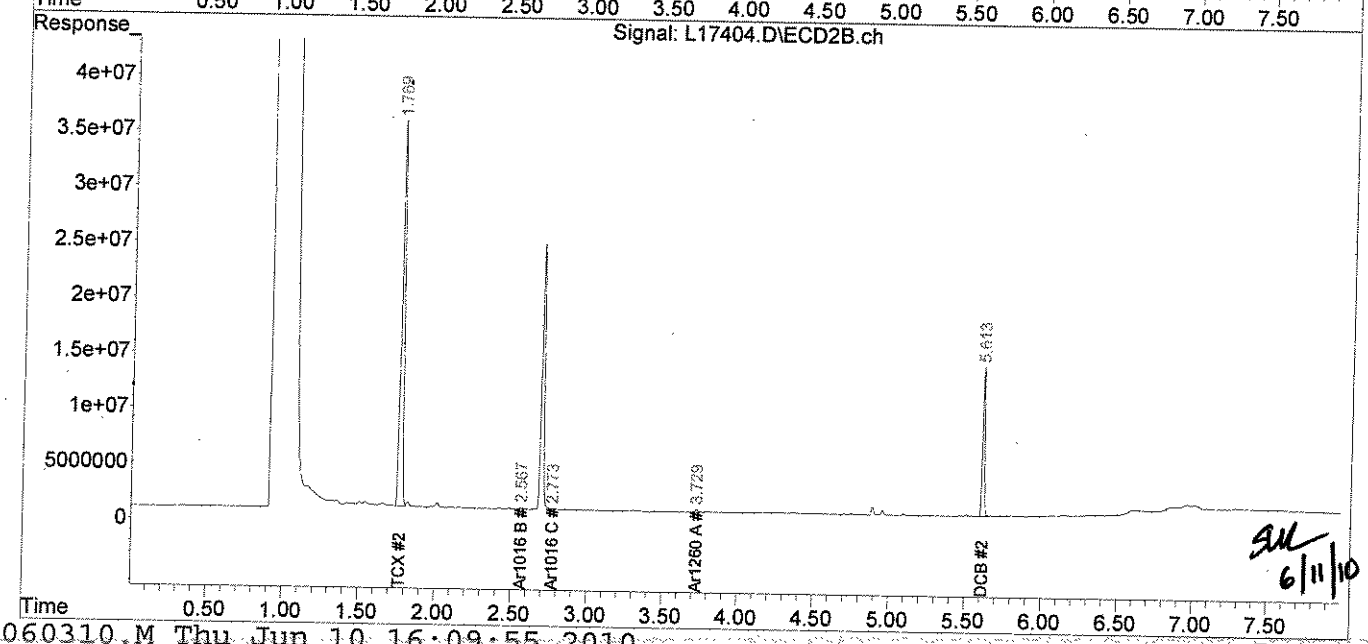
Data Path : C:\msdchem\1\DATA\061010-L\
Data File : L17404.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jun 10 3:46 pm
Operator : JK
Sample : 66845-5
Misc :
ALS Vial : 23 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 10 16:09:55 2010
Quant Method : C:\msdchem\1\METHODS\PCB060310.M
Quant Title : SW-846 8082 /EPA 608 Aroclor 1016/1260
QLast Update : Thu Jun 03 13:34:06 2010
Response via : Initial Calibration
Integrator: ChemStation

JR 06/10/2

Volume Inj. : 2 ul
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPEstides
Signal #1 Info : 30m x0.25 mm x 0. Signal #2 Info : 30m x0.25 mm, 0.25um





SM 6/11/10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 10, 2010

SAMPLE DATA

Lab Sample ID:	66845-6
Matrix:	Solid
Percent Solid:	99
Dilution Factor:	9
Collection Date:	06/02/10
Lab Receipt Date:	06/03/10
Extraction Date:	06/07/10
Analysis Date:	06/08/10

CLIENT SAMPLE ID

Project Name:	AMISTAD ACADEMY
Project Number:	223819
Field Sample ID:	AA-VCS-017

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	300	U
PCB-1221	300	U
PCB-1232	300	U
PCB-1242	300	U
PCB-1248	300	U
PCB-1254	300	U
PCB-1260	300	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	71	%
Decachlorobiphenyl	41	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

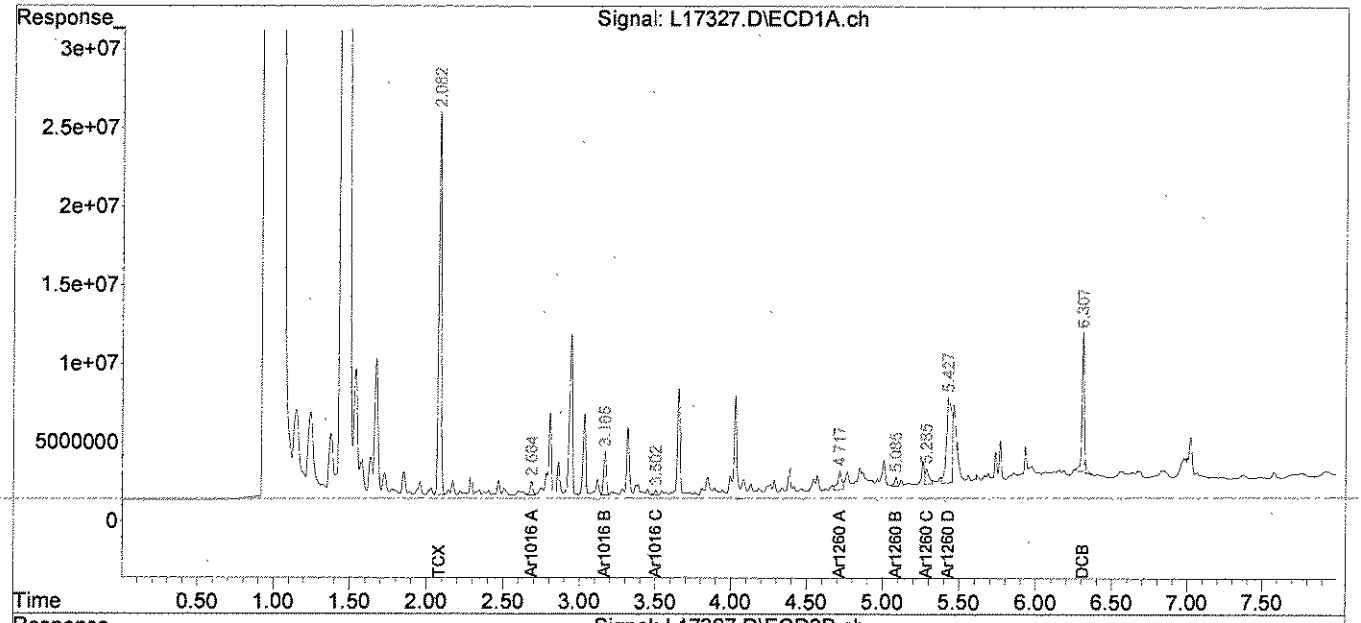
Quantitation Report (QT Reviewed)

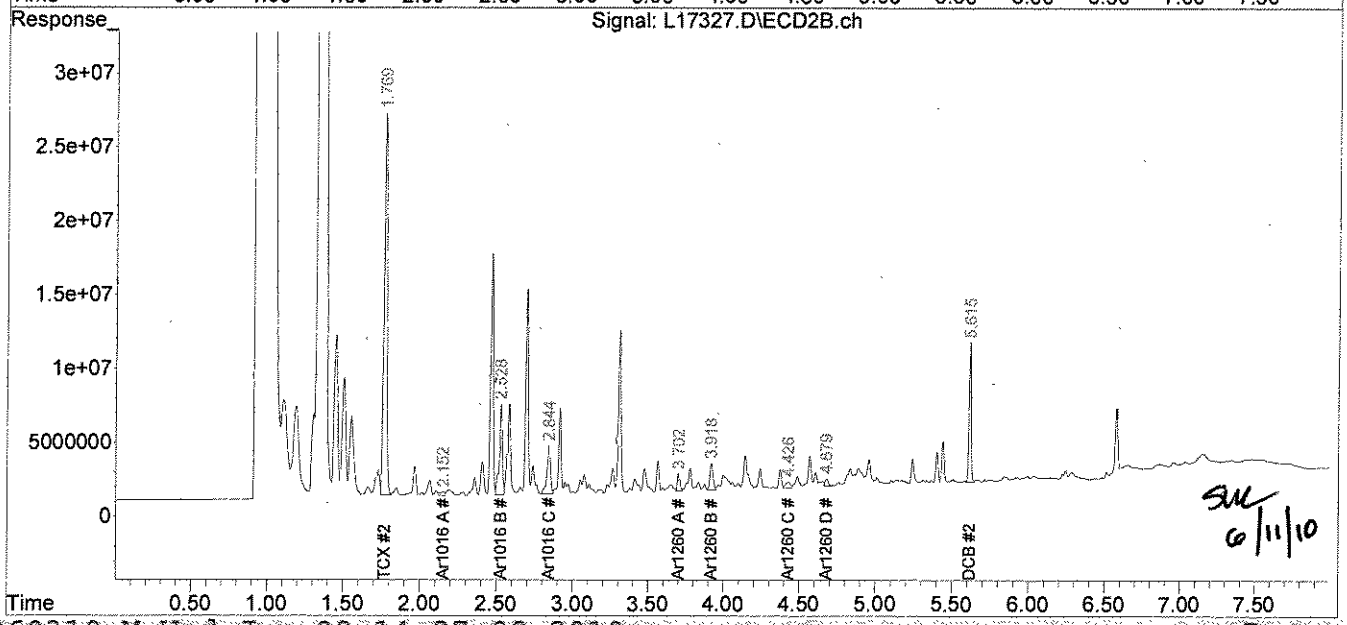
Data Path : C:\msdchem\1\DATA\060810-L\
Data File : L17327.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 8 Jun 10 9:43 pm
Operator : JK
Sample : 66845-5,,A/C
Misc : SOIL
ALS Vial : 40 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 09 14:27:01 2010
Quant Method : C:\msdchem\1\METHODS\PCB060310.M
Quant Title : SW-846 8082 /EPA 608 Aroclor 1016/1260
QLast Update : Thu Jun 03 13:34:06 2010
Response via : Initial Calibration
Integrator: ChemStation

JR 06.09.10

Volume Inj. : 2 ul
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPEstides
Signal #1 Info : 30m x0.25 mm x 0. Signal #2 Info : 30m x0.25 mm, 0.25um





SAL 6/11/10

PCB
QC FORMS

AnalyticsLLC:AEL Documents LLC:Pkg Dividers:PCBQC.doc

PCB SOIL
SYSTEM MONITORING COMPOUNDS
SUMMARY

Instrument ID: L
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 66845

	Column #1				Column #2			
SAMPLE ID	SMC 1 (%)	#	SMC 2 (%)	#	SMC 1 (%)	#	SMC 2 (%)	#
B060710PSOX2,,A/C	94		62		97		55	
L060710PSOX2,,A/C	92		56		96		55	
LD060710PSOX2,,A/C	92		55		96		54	

		Lower Limit	Upper Limit
SMC #1 =	TCX	40	130
SMC #2 =	DCB	40	130

\# Column to be used to flag recovery values outside of QC limits
* Values outside QC limits
D System Monitoring Compound diluted out

PCB SOIL
SYSTEM MONITORING COMPOUNDS
SUMMARY

Instrument ID: L
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 66845

	Column #1				Column #2			
SAMPLE ID	SMC 1 (%)	#	SMC 2 (%)	#	SMC 1 (%)	#	SMC 2 (%)	#
B060710PSOX2,RR,,A/(	98		49		100		52	
66845-1,,A/C	58		44		65		45	
66845-1,MS,,A/C	66		47		73		48	
66845-1,MSD,,A/C	71		52		80		53	
66845-2,,A/C	102		60		113		62	
66845-6,,A/C	71		41		77		37	*

		Lower Limit	Upper Limit
SMC #1 =	TCX	40	130
SMC #2 =	DCB	40	130

Column to be used to flag recovery values outside of QC limits
* Values outside QC limits
D System Monitoring Compound diluted out

PCB SOIL
SYSTEM MONITORING COMPOUNDS
SUMMARY

Instrument ID: L
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 66826

	Column #1				Column #2			
SAMPLE ID	SMC 1 (%)	#	SMC 2 (%)	#	SMC 1 (%)	#	SMC 2 (%)	#
B060710PSOX,RR2,,A/(	100		61		105		56	
66845-3,1:50,,A/C	D		D		D		D	
66845-4,1:100,,A/C	D		D		D		D	

		Lower Limit	Upper Limit
SMC #1 =	TCX	40	130
SMC #2 =	DCB	40	130

Column to be used to flag recovery values outside of QC limits
* Values outside QC limits
D System Monitoring Compound diluted out

PCB SOIL
SYSTEM MONITORING COMPOUNDS
SUMMARY

Instrument ID: L
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 66845

	Column #1				Column #2			
SAMPLE ID	SMC 1 (%)	#	SMC 2 (%)	#	SMC 1 (%)	#	SMC 2 (%)	#
B060810PW	85		63		93		57	
L060810PWB	85		60		95		53	
LD060810PWB	88		63		98		55	
66845-5	88		61		97		53	

		Lower Limit	Upper Limit
SMC #1 =	TCX	40	130
SMC #2 =	DCB	40	130

Column to be used to flag recovery values outside of QC limits
* Values outside QC limits
D System Monitoring Compound diluted out

PCB SOIL
LABORATORY CONTROL SAMPLE/DUPLICATE
PERCENT RECOVERY

Instrument ID: L

GC Column #1: STX-CLPesticides I

Column ID: 0.25 mm

GC Column #2: STX-CLPesticides II

Column ID: 0.25 mm

SDG: 66845

Non-spiked sample: B060710PSOX2,,A/C

Spike: L060710PSOX2,,A/C

Spike duplicate: LD060710PSOX2,,A/C

COMPOUND	LCS SPIKE ADDED (ug/kg)	LCSD SPIKE ADDED (ug/kg)	LOWER LIMIT	UPPER LIMIT	RPD LIMIT	NON-SPIKE RESULT (ug/kg)	SPIKE RESULT (ug/kg)	SPIKE % REC	#	SPIKE DUP RESULT (ug/kg)	SPIKE DUP % REC	#	RPD	#
PCB 1016	200	200	65	140	30	0	189	95		187	93		1.5	
PCB 1260	200	200	60	130	30	0	202	101		193	96		4.8	
PCB 1016 #2	200	200	65	140	30	0	186	93		181	91		2.7	
PCB 1260 #2	200	200	60	130	30	0	208	104		205	103		1.3	

Column to be used to flag recovery and RPD values outside of QC limits

* Values outside QC limits

LCS/LCSD spike added values have been weight adjusted.

Non-spike result of "0" used in place of "U" to allow calculation of spike recovery.

Comments: _____

PCB FORM 3

PCB SOIL
MATRIX SPIKE/DUPLICATE
PERCENT RECOVERY

Instrument ID: L

GC Column #1: STX-CLPesticides I

Column ID: 0.25 mm

GC Column #2: STX-CLPesticides II

Column ID: 0.25 mm

SDG: 66845

Non-spiked sample: 66845-1,,A/C

Spike: 66845-1,MS,,A/C

Spike duplicate: 66845-1,MSD,,A/C

COMPOUND	MS SPIKE ADDED (ug/kg)	MSD SPIKE ADDED (ug/kg)	LOWER LIMIT	UPPER LIMIT	RPD LIMIT	NON-SPIKE RESULT (ug/kg)	SPIKE RESULT (ug/kg)	SPIKE % REC	#	SPIKE DUP RESULT (ug/kg)	SPIKE DUP % REC	#	RPD	#
PCB 1016	196	195	65	140	30	0	149	76		156	80		4.2	
PCB 1260	196	195	60	130	30	0	163	83		180	92		9.7	
PCB 1016 #2	196	195	65	140	30	0	137	70		151	77		9.2	
PCB 1260 #2	196	195	60	130	30	0	172	88		191	98		10.0	

Column to be used to flag recovery and RPD values outside of QC limits

* Values outside QC limits

MS/MSD spike added values have been weight adjusted.

Non-spike result of "0" used in place of "U" to allow calculation of spike recovery.

Comments: _____

PCB FORM 3

PCB AQUEOUS
LABORATORY CONTROL/LABORATORY CONTROL DUPLICATE
PERCENT RECOVERY

Instrument ID: L

GC Column #1: STX-CLPesticides I

Column ID: 0.25 mm

GC Column #2: STX-CLPesticides II

Column ID: 0.25 mm

SDG: 66845

Non-spiked sample: B060810PW

Spike: L060810PWB

Spike duplicate: LD060810PWB

COMPOUND	LCS SPIKE ADDED (ug/L)	LCSD SPIKE ADDED (ug/L)	LOWER LIMIT	UPPER LIMIT	RPD LIMIT	NON-SPIKE RESULT (ug/L)	SPIKE RESULT (ug/L)	SPIKE % REC	#	SPIKE DUP RESULT (ug/L)	SPIKE DUP % REC	#	RPD	#
PCB 1016	2.0	2.0	79	113	25	0.00	1.87	94		1.92	96		2.5	
PCB 1260	2.0	2.0	58	115	25	0.00	1.86	93		1.95	98		4.8	
PCB 1016 #2	2.0	2.0	81	112	25	0.00	1.90	95		2.02	101		6.0	
PCB 1260 #2	2.0	2.0	54	123	25	0.00	2.00	100		2.11	106		5.6	

Column to be used to flag recovery and RPD values outside of QC limits

* Values outside QC limits

LCS/LCSD spike added values have been volume adjusted.

Non-spike result of "0" used in place of "U" to allow calculation of spike recovery.

Comments: _____

_____

PCB FORM 3

analytics environmental laboratory LLC

CHAIN OF CUSTODIES

AnalyticsLLC:AEL Documents LLC:Pkg Dividers:COC.doc

Chain Of Custody Form

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, NH 03801
Phone (603) 436-5111
Fax (603) 430-2151

For Analytics Use Only Rev. 5 06/18/08

Samples were:
1) Shipped or hand-delivered
2) Temp blank °C 18.1°C
3) Received in good condition Y or N
4) pH checked by: N/A
5) Labels checked by: CR 6/3/10

Project#: 223819 Proj. Name: AMISTAD ACADEMY
Company: Woodard &Curran
Contact: GEORGE FRANKLIN JEFF HAMEL
Address: 41 Hutchins Drive
Portland, ME
Phone: (207)774-2112 PO# Quote # WCI0305 1001
Sampler (Signature):

Matrix Key:
C = Concrete
WP = Wipe
WW = Wastewater
SW = Surface Water
GW = Groundwater
DW = Drinking Water
S = Soil/Sludge
O = Oil
E = Extract

Container Key
P=plastic G=glass

Station Identification	Sample Date	Sample Time	Analysis	Preservation: Unpres	4° C	HNO_3	H_2SO_4	HCL	Methanol	Other	Matrix	Container number/type		pH	Analytics Sample #
AA-VCS-018	6/2/10	0840	PCB's By US. EPA 8082 w/ Soxhlet Extraction	✓							C	1	G		66845-1
AA-VCS-019	↓	0850		✓							C	1	G		-2
AA-VCS-020		1030		✓							C	1	G		-3
AA-VCS-521**		1040		✓							C	1	G		-4
AA-VCS-Q-022*	↓	1110									LAB DI Control	1*	G	•	-5
AA-VCS-017**	6/2/10	0650		✓									G		-6

AP 6/3/10

Email Results to:
gfranklin@woodardcurran.com
jhamel...

Turnaround Time (TAT)
☐ 24hr* ☐ 48hr*
☐ 72hr* ☑ 5 Days* STD TURN AROUND TIME 3-5 DAYS
☐ 10 Days
*Fee may apply; lab approval required

Comments / Instructions:
~~AP~~ R.L. ≤ 1.0mg/kg.
*one Amber L received broken AP 6/3/10
**4oz Amber jars received broken; subsampled to new containers AP 6/3/10
• Amber L received (-) for CL when tested with KI paper AP 6/3/10

Project Requirements:
*Fee may apply

Report Type:
☐ MCP* ☑ Level II*
☐ CTRCP* ☐ Level III*
☐ DOD* ☐ Level IV*
☐ Standard

State:
☐ NH
☐ MA
☐ ME
☑ CT
☐ RI
Other:

State Standard:
(eg. S-1 or GW-1)
EDD Required: (Y*) N
Type: .xls

Relinquished By Sampler: [signature] Date: 6/2/10 Time:
Received By: UPS
Relinquished By: UPS Date: 6/3/10 Time: 1410
Received By: [signature]
Relinquished By: Date: Time:
Received By: [signature]

Page 1 of 1

Analytics\AEL Documents\AEL COC

Label for "AA-VCS-017" states "AA-VS-017" awaiting G.F's confirmation of sample

COC is correct for sample name on 66845-6 as per GFranklin's email - AP 6/7/10

ANALYTICS SAMPLE RECEIPT CHECKLIST

analytics environmental laboratory LLC

AEL LAB#: 66845
CLIENT: Woodard and Curran
PROJECT: Amistad Academy

COOLER NUMBER: N/A
NUMBER OF COOLERS: 1
DATE RECEIVED: 6/3/10

A: PRELIMINARY EXAMINATION:

DATE COOLER OPENED: 6/3/10

1. Cooler received by(initials): AP

Date Received: 6/3/10

2. Circle one: Hand delivered (If so, skip 3) Shipped

3. Did cooler come with a shipping slip? Y N

3a. Enter carrier name and airbill number here: UPS 1Z173 472 483 0

4. Were custody seals on the outside of cooler? Y N
How many & where: 2, edges Seal Date: N/A Seal Name: Jess

5. Did the custody seals arrive unbroken and intact upon arrival? Y N

6. COC#: N/A

7. Were Custody papers filled out properly (ink,signed, etc)? Y N

8. Were custody papers sealed in a plastic bag? Y N

9. Did you sign the COC in the appropriate place? Y N

10. Was the project identifiable from the COC papers? Y N

11. Was enough ice used to chill the cooler? Y N Temp. of cooler: 18.1°C

* sampler did not sign COC
* COC received wet AP 6/3/10

B. Log-In: Date samples were logged in: 6/3/10 By: AP

12. Type of packing in cooler(bubble wrap, popcorn) Y N

13. Were all bottles sealed in separate plastic bags? Y N

14. Did all bottles arrive unbroken and were labels in good condition? Y N

15. Were all bottle labels complete(ID,Date,time,etc.) Y N

16. Did all bottle labels agree with custody papers? Y N

"AA-VCS-017" has container that states 'AA-VS-017' CP 6/3/10

17. Were the correct containers used for the tests indicated: Y N

18. Were samples received at the correct pH? Y N/A

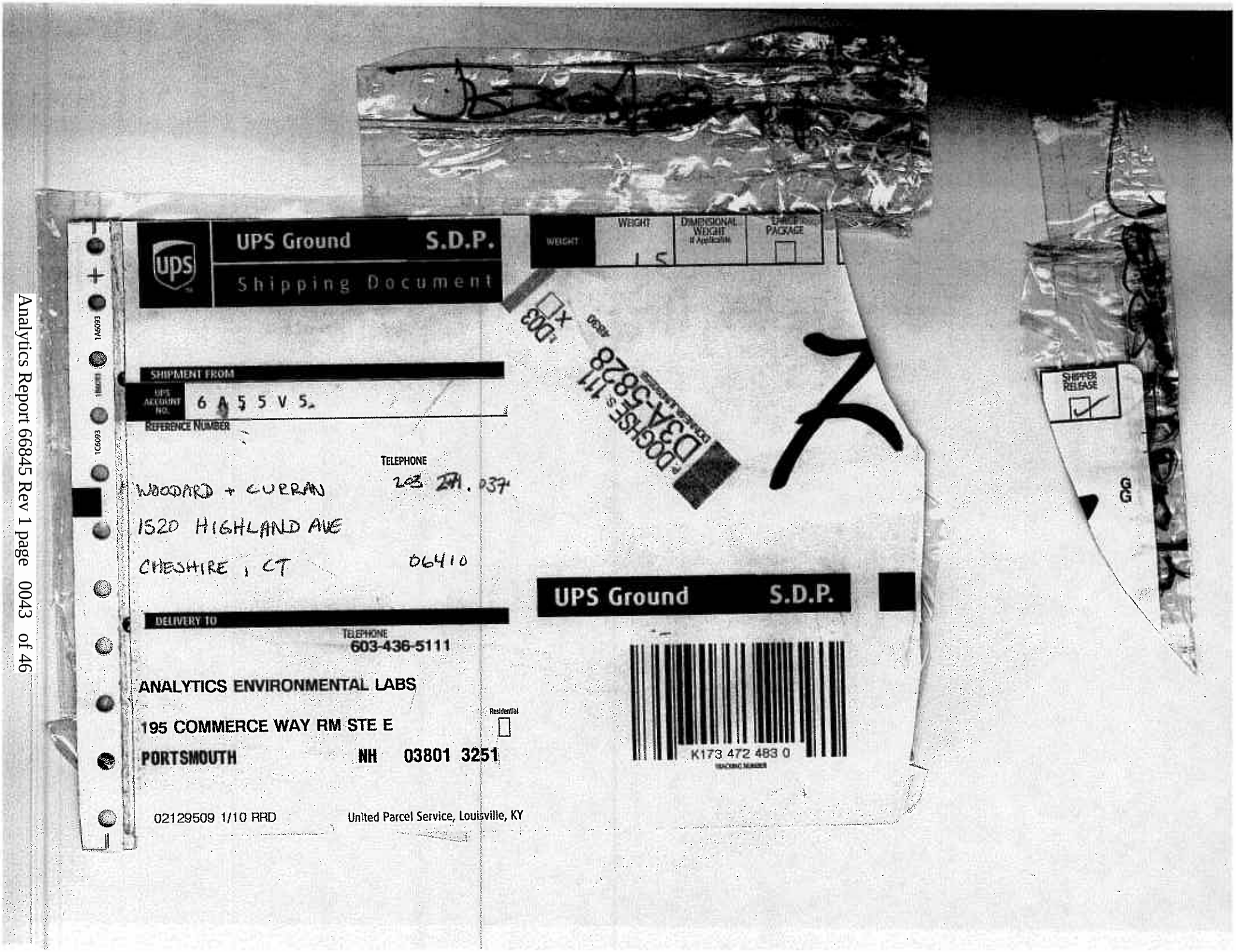
19. Was sufficient amount of sample sent for the tests indicated? Y N

20. Were bubbles absent in VOA samples? Y N/A

* Amber L's received without proper packaging and one Amber L was broken upon receipt. AP 6/3/10
also ~~one~~ 2 4C Amber jars received broken see COC

If NO, List Sample ID's and Lab #s: _____

21. Laboratory labeling verified by (initials): CP Date: CP 6/3/10


UPS Ground S.D.P.
Shipping Document
WEIGHT
WEIGHT
DIMENSIONAL WEIGHT
PACKAGE
SHIPMENT FROM
UPS ACCOUNT NO.
6 A 5 5 V 5
REFERENCE NUMBER
TELEPHONE
WOODARD + CURRAN
1520 HIGHLAND AVE
CHESHIRE, CT
06410
DELIVERY TO
TELEPHONE
603-436-5111
ANALYTICS ENVIRONMENTAL LABS
195 COMMERCE WAY RM STE E
PORTSMOUTH NH 03801 3251
Residential
02129509 1/10 RRD
United Parcel Service, Louisville, KY
UPS Ground S.D.P.
K173 472 483 0
SHIPPER RELEASE

analytics environmental laboratory LLC

SAMPLE RECEIPT
NON-COMPLIANCE NOTIFICATION
(SENT VIA FACSIMILE)

DATE 6/3/10 FROM Ashley

FAX CONTACT George Franklin FAX NUMBER 978.557.7948

CLIENT Woodard and Curran LAB NUMBER 603.436.5111

The exceptions noted below were found on the sample(s) received on the attached Chain of Custody (COC) form. These exceptions may render the data results as non-defensible. Analytics will continue to proceed with the analysis of the sample(s) unless notified in writing to stop the analysis. This document may become part of the final report.

Please check the appropriate box and sign below and fax back to "Sample Receipt" at 603-430-2151.

Exceptions:

- [x] Sample(s) not on ice or not at 4°C ± 2°C — samples received at 18.1°C; not enough ice was used and it all melted.
- [ ] Sample(s) received unpreserved or not at the proper pH. (pH was adjusted at the laboratory)
- [ ] Sample(s) received in incorrect containers
- [ ] Insufficient sample volume received (Detection limits may be elevated due to this exception)
- [ ] Trip Blank provided in cooler, but not recorded on the chain of custody
- [x] Other: Improper packaging of 1 Amber L which lead to it's breakage, also improper packaging of COC - arrived to lab wet.

AP 6/3/10
WC Project # 223819
Amistad Academ
AEL# 66845

Acknowledgment:

- [ ] **Please do not analyze/report Trip Blank, proceed with other analyses**
- [x] **Proceed with the analysis.**
- [ ] **Please stop the analysis and wait for further instructions.**

Signed: [signature] **Print Name:** (GEORGE) FRANKLIN

Date: 6/3/10

Prep Home

All-Save

Select

Entry Loop

Print

Use the print button - it enters the transfer date

Transfer Date:

Initials: JL

EXTRACT TRANSFER SHEET

Organochlorine PST

Sample	Analysis	Extraction Date	Matrix	Initial Volume(mL)	Initial Weight(g)	Final Volume(mL)	% Solids	Extraction Comments
66844-2	8082SOX	06/07/10	Solid		10.09	5.0	92.63	
66844-3	8082SOX	06/07/10	Solid		10.19	5.0	97.56	
66844-4	8082SOX	06/07/10	Solid		10.55	5.0	94.27	
66844-5	8082SOX	06/07/10	Solid		10.29	5.0	99.78	
66844-6	8082SOX	06/07/10	Solid		10.01	5.0	99.61	
66844-7	8082SOX	06/07/10	Solid		10.11	5.0	98.75	
66845-1	8082SOX	06/07/10	Solid		10.31	5.0	98.37	
66845-2	8082SOX	06/07/10	Solid		10.54	5.0	99.00	
66845-3	8082SOX	06/07/10	Solid		10.86	5.0	96.38	
66845-4	8082SOX	06/07/10	Solid		10.11	5.0	77.87	
66845-6	8082SOX	06/07/10	Solid		1.14	5.0	98.68	
~~66727-10~~	~~8082SOX~~	~~06/07/10~~	~~Solid~~		~~10.31~~	~~5.0~~	~~85.38~~	REX

JL 6.8.10

JL 6.8.10

EB 6.9.10

analytics

Pesticide and PCB Solid Preparation Logbook

Method References SW-846 3540C Soxhlet

★ Required acid adjustment. -JW 6.8.10

Date: 6.7.10 Start Time: 6:53pm 5 EB 6.8.10 QC Batch ID: Q-P-060710-3-JW

Initials: JW Prep. Batch ID P-P-060710-3-JW

Reviewed by: JW 6.8.10 Stop Time: 10:00am

Sample #	Matrix	Weight (g)	1 mL Surr	2 mL Spike	Mantle Position	Cook Down Date	Volumetric Serial #	Final Vol. Hexane	Turbo Vap #	Clean Up
BO60710PSOX2	Na2SO4	10.00	0.5 EB	—	35	6.8.10 JW	3475	5.0mL	4	A/C
LOC60710PSOX2	Si Sand	10.27	0.5	0.5 EB	36					
LDOC60710PSOX	↓	10.18	0.5	0.5 ↓	25					
66844-1	soil	10.45	0.5	—	26					
-2	↓	10.09	0.5	—	27					
-3 ★	Powdered concrete	10.19	0.5	—	28				↓	
-4	Powdered brick	10.55	0.5	—	29				1	
-5	Asphalt	10.29	0.5	—	30					
-6	↓	10.01	0.5	—	37					
-7 ★	Powdered concrete	10.11	0.5	—	38					
66845-1 ★	white powder	10.31	0.5	—	39				↓	
-1,MS ★		10.36	0.5	0.5 EB	40				4	
-1,MSD ★		10.44	0.5	0.5 ↓	41					
-2 ★	↓	10.54	0.5	—	42					
-3 ★	Powdered concrete	10.86	0.5	—	43					
-4	↓	10.11	0.5	—	44					
-6	Caulk	9.14	0.5	—	45					

EB 6.8.10

	Lot #	Exp. Date
Hexane:	1003271	5.6.15
Si Sand:	FIG120358P	1.13.15
Na_2SO_4:	F0310	5.21.15
1:1 MeCl2/Acetone:	M7851	12.7.10
Diatomaceous earth:	—	—
Conc H2SO4:	093380	5.17.15
Florisil Cartridge:	—	—

	Lot #	Exp Date	Syringe #
1 PP Surrogate (1.0 ug/mL):	PS410	12.7.10	PS-022
2 PCB MS (4.0 ug/mL):	PS376	10.27.10	PS-020
Pest Spike (500 ug/L):	—	—	—

Balance: —

SCL: SCL-3

AnalyticsLLC:AEL Documents LLC:logbooks:PREP LOGBOOKS.xls 10/20/09 Rev 1

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

June 11, 2010

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

RE: Analytical Results Case Narrative
Analytics # 66855
AMISTAD ACADEMY

Dear Mr. Franklin;

Enclosed please find the analytical results for samples submitted for the above-mentioned project. The attached Cover Page lists the sample IDs, Lab tracking numbers and collection dates for the samples included in this deliverable.

Samples were analyzed Polychlorinated Biphenyls (PCBs) by EPA Method 8082.

Unless otherwise noted in the Non-conformance Summary listed below, all of the quality control (QC) criteria including initial calibration, calibration verification, surrogate recovery, holding time and method accuracy/precision for these analyses were within acceptable limits.

This Level II data package has been assembled in the following order:

Case Narrative/Non-Conformance Summary
Sample Log Sheet - Cover Page
PCB Form 1 Data Sheet for Samples and Blanks
Chromatograms
PCB Form 10 Confirmation Results
PCB Form 3 MS/MSD (LCS) Recoveries
Chain of Custody (COC) Forms

QC NON-CONFORMANCE SUMMARY

Sample Receipt:
The samples were received at the laboratory at a temperature of 10° C and the chain of custody had no time relinquished listed. There is no sampler signature on chain of custody. The sample containers for several samples were broken upon receipt and were not contained in secondary bags. The client was notified and the samples were discarded as per client's request.

PCBs by EPA Method 8082:
No results were reported below the quantitation limit.

Samples 66855-1, 66855-2 and 66855-3 were analyzed at a dilution due to concentrations of PCBs in the sample that exceeded the calibration range of the instrument.

Decachlorobiphenyl had low recovery in the closing continuing calibration standard (File# L17366SC) on column #2 but was in control for column #1. Results were reported without qualification.

The MS/MSD analyzed on sample 66855-1 had high recovery for PCB 1260 due to sample matrix. The laboratory control samples (L060810PSOX/LD060810PSOX) were in control for all analytes. Results were reported without qualification.

If you have any questions on these results, please do not hesitate to contact me.

Sincerely,
ANALYTICS Environmental Laboratory, LLC

Stephen L. Knollmeyer
Laboratory Director

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

Report Number: 66855

Revision: Rev. 0

Re: AMISTAD ACADEMY (Project No: 223019)

Enclosed are the results of the analyses on your sample(s). Samples were received on 04 June 2010 and analyzed for the tests listed. Samples were received in acceptable condition, with the exceptions noted below or on the chain of custody. These results pertain to samples as received by the laboratory and for the analytical tests requested on the chain of custody. The results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report. Please see individual reports for specific methodologies and references.

Lab Number	Sample Date	Station Location	Analysis	Comments
66855-1	06/03/10	AA-SS-068	EPA 8082 (PCBs only)	
66855-2	06/03/10	AA-CC-011	EPA 8082 (PCBs only)	
66855-3	06/03/10	AA-CC-012	EPA 8082 (PCBs only)	
66855-4	06/03/10	AA-CC-015	Electronic Data Deliverable	
	06/03/10	AA-CC-015	EPA 8082 (PCBs only)	

Sample Receipt Exceptions: Samples received at 10 °C which was outside laboratory acceptance criteria. The client was notified and analysis continued.

Analytics Environmental Laboratory is certified by the states of New Hampshire, Maine, Massachusetts, Connecticut, Rhode Island, Virginia, Maryland, and is accredited by the Deparment of Defense (DOD) ELAP program. A list of actual certified parameters is available upon request.

If you have any questions on these results, please do not hesitate to contact us.

Authorized signature _____
Stephen L. Knollmeyer Lab. Director

Date 6/11/2010

This report shall not be reproduced, except in full, without the written consent of Analytics Environmental Laboratory, LLC.

analytics environmental laboratory LLC

Surrogate Compound Limits

Matrix:	Aqueous	Solid	
Units:	% Recovery	% Recovery	Method
Volatile Organic Compounds - Drinking Water			
1,4-Difluorobenzene	70-130		EPA 524.2
Bromofluorobenzene	70-130		
1,2-Dichlorobenzene-d4	70-130		
Volatile Organic Compounds			
1,2-Dichloroethane-d4	70-120	70-120	EPA 624/8260B
Toluene-d8	85-120	85-120	
Bromofluorobenzene	75-120	75-120	
Semi-Volatile Organic Compounds			
2-Fluorophenol	20-110	35-105	EPA 625/8270C
d5-Phenol	15-110	40-100	
d5-nitrobenzene	40-110	35-100	
2-Fluorobiphenyl	50-110	45-105	
2,4,6-Tribromophenol	40-110	40-125	
d14-p-terphenyl	50-130	30-125	
PAH's by SIM			
d5-nitrobenzene	21-110	35-110	EPA 8270C
2-Fluorobiphenyl	36-121	45-105	
d14-p-terphenyl	33-141	30-125	
Pesticides and PCBs			
2,4,5,6-Tetrachloro-m-xylene (TCX)	46-122	40-130	EPA 608/8082
Decachlorobiphenyl (DCB)	40-135	40-130	
Herbicides			
Dichloroacetic acid (DCAA0	30-150	30-150	
Gasoline Range Organics/TPH Gasoline			
Trifluorotoluene TFT (FID)	60-140	60-140	MEDEP 4217/EPA 8015
Bromofluorobenzene (BFB) (FID)	60-140	60-140	
Trifluorotoluene TFT (PID)	60-140	60-140	
Bromofluorobenzene (BFB) (PID)	60-140	60-140	
Diesel Range Organics/TPH Diesel			
m-terphenyl	60-140	60-140	MEDEP 4125/EPA 8015/CT ETPH

PCB
DATA SUMMARIES

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 11, 2010

SAMPLE DATA

Lab Sample ID: B060810PSOX
Matrix: Soil
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date:
Lab Receipt Date:
Extraction Date: 06/08/10
Analysis Date: 06/09/10

CLIENT SAMPLE ID

Project Name: AMISTAD ACADEMY
Project Number: 223019
Field Sample ID: Lab QC

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	90	%
Decachlorobiphenyl	57	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

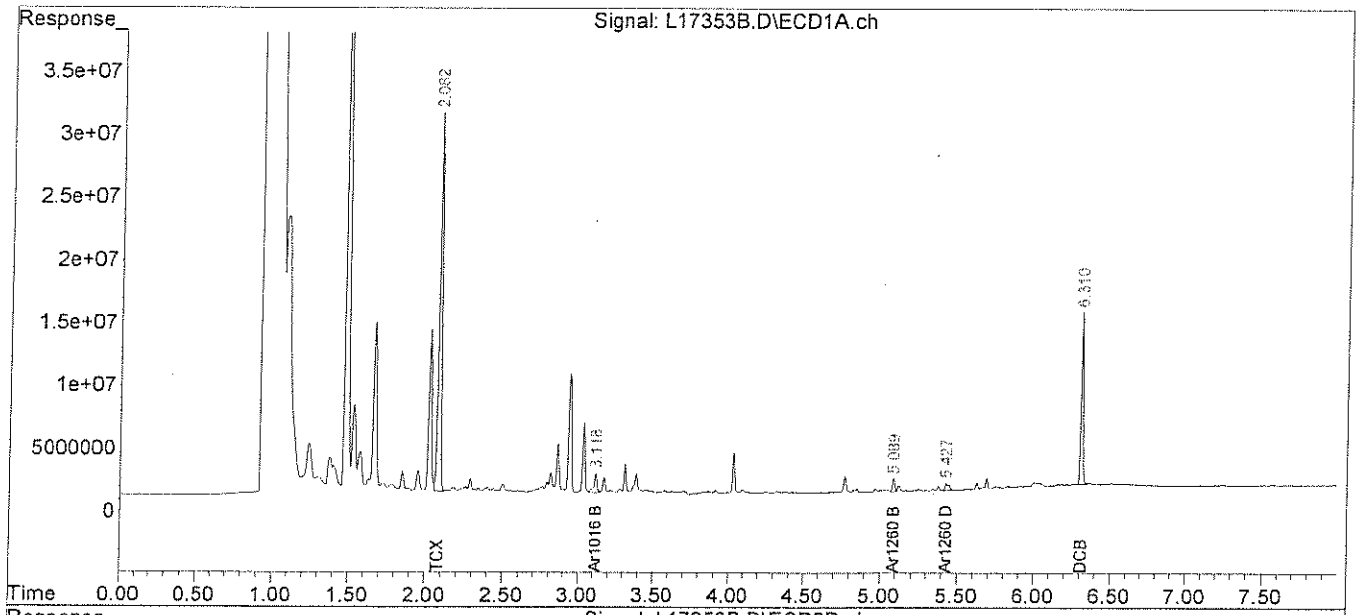
Authorized signature

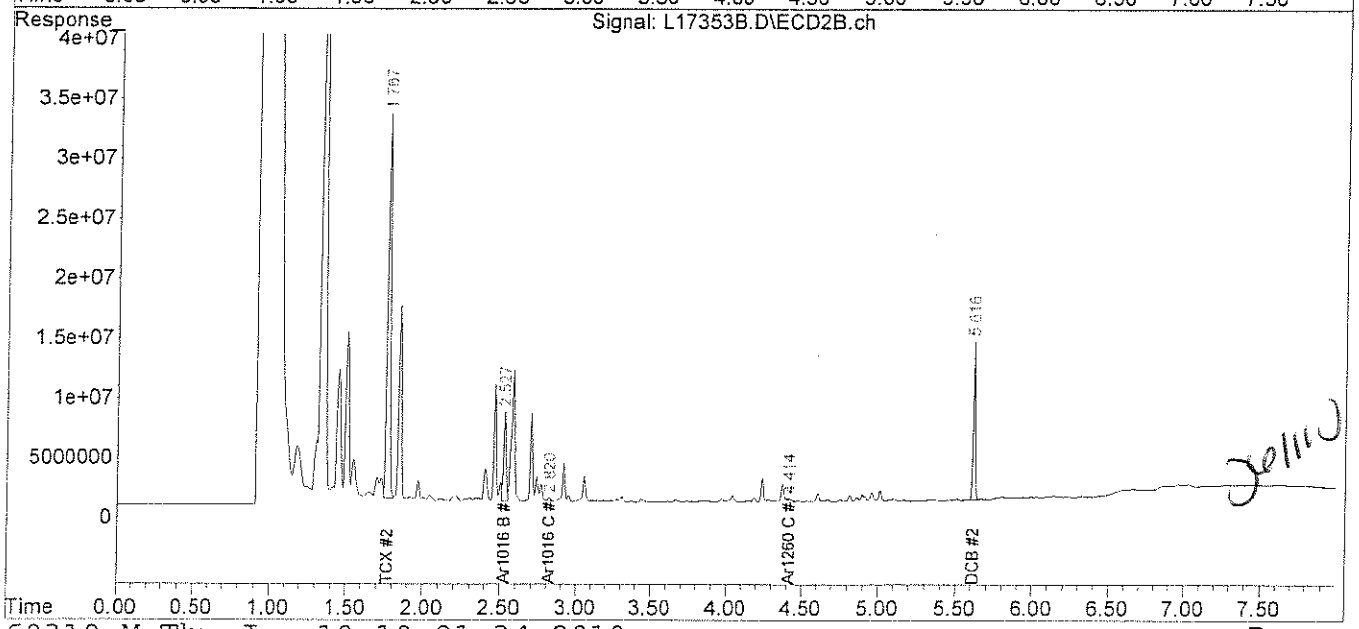
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\060910-L\
Data File : L17353B.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 9 Jun 10 7:33 pm
Operator : JK
Sample : B060810PSOX,,A/C
Misc : SOIL
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 10 10:01:34 2010
Quant Method : C:\msdchem\1\METHODS\PCB060310.M
Quant Title : SW-846 8082 /EPA 608 Aroclor 1016/1260
QLast Update : Thu Jun 03 13:34:06 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 ul
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPEstides
Signal #1 Info : 30m x0.25 mm x 0. Signal #2 Info : 30m x0.25 mm, 0.25um





analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 11, 2010

SAMPLE DATA

Lab Sample ID: B060810PSOX RR2
Matrix: Soil
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date:
Lab Receipt Date:
Extraction Date: 06/08/10
Analysis Date: 06/10/10

CLIENT SAMPLE ID

Project Name: AMISTAD ACADEMY
Project Number: 223019
Field Sample ID: Lab QC

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	101	%
Decachlorobiphenyl	65	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

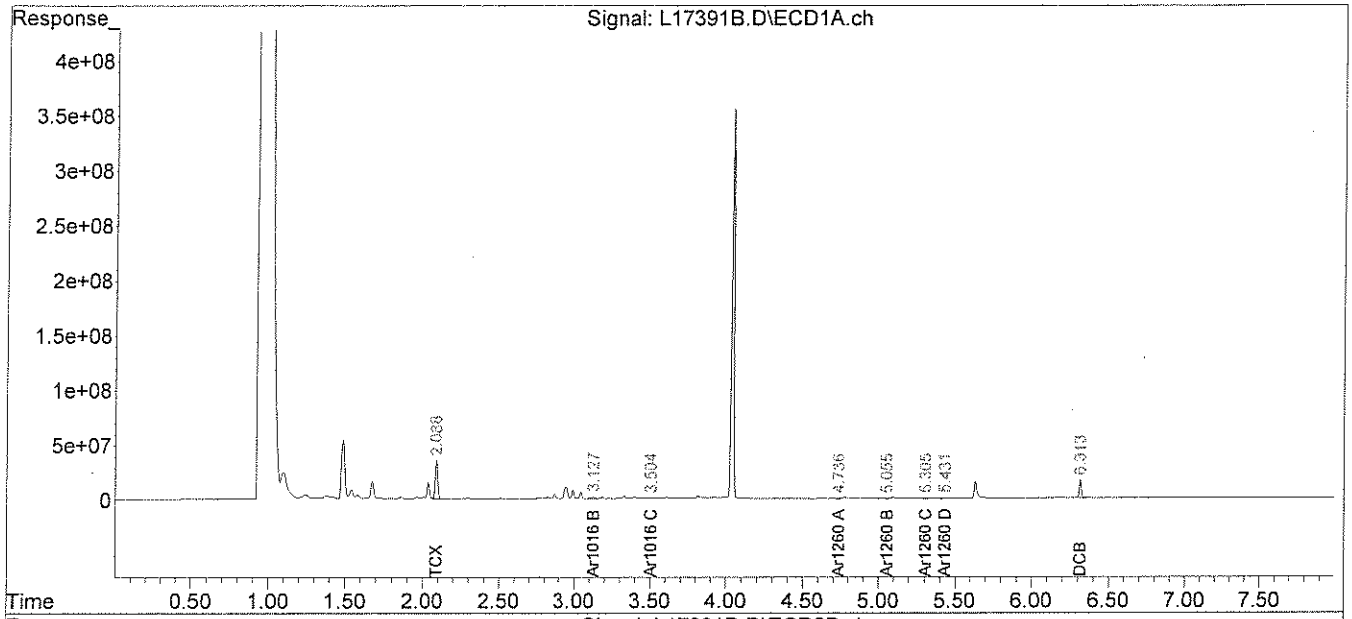
Authorized signature

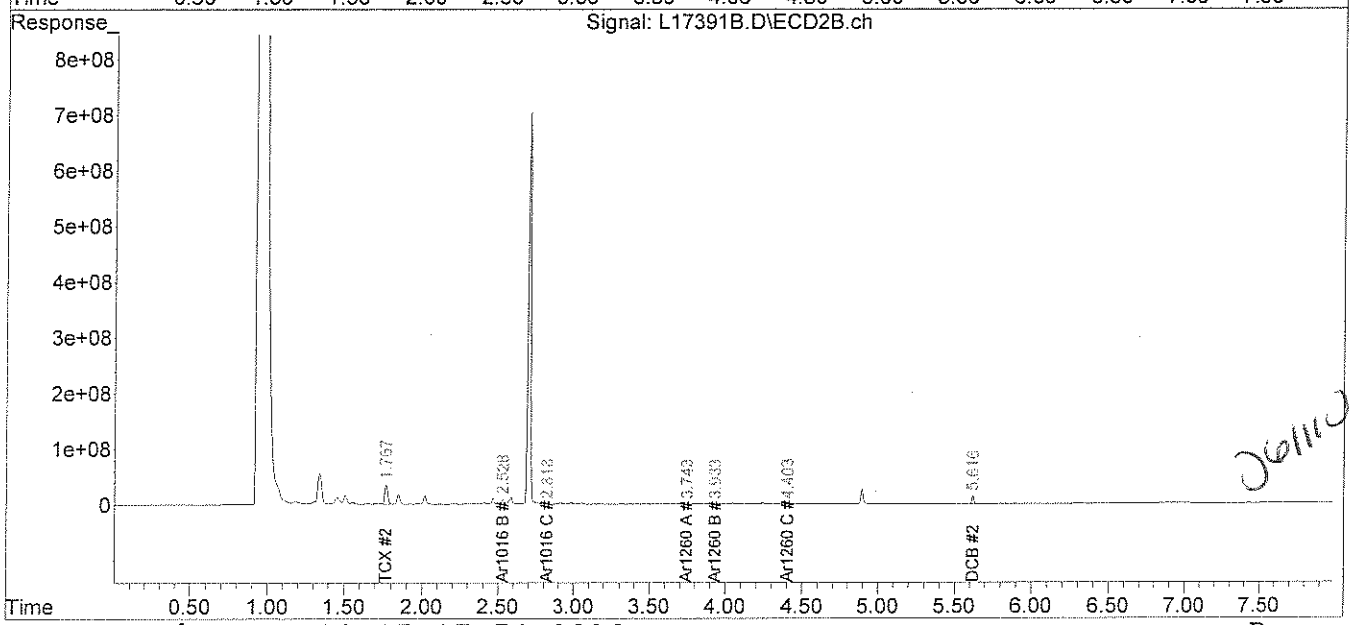
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\061010-L\
Data File : L17391B.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jun 10 1:14 pm
Operator : JK
Sample : B060810PSOX,RR2,,A/C
Misc : SOIL
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 10 15:17:54 2010
Quant Method : C:\msdchem\1\METHODS\PCB060310.M
Quant Title : SW-846 8082 /EPA 608 Aroclor 1016/1260
QLast Update : Thu Jun 03 13:34:06 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 ul
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPEstides
Signal #1 Info : 30m x0.25 mm x 0. Signal #2 Info : 30m x0.25 mm, 0.25um





analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 11, 2010

SAMPLE DATA

Lab Sample ID: B061010PSOX2
Matrix: Soil
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date:
Lab Receipt Date:
Extraction Date: 06/10/10
Analysis Date: 06/11/10

CLIENT SAMPLE ID

Project Name: AMISTAD ACADEMY
Project Number: 223019
Field Sample ID: Lab QC

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	96	%
Decachlorobiphenyl	64	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

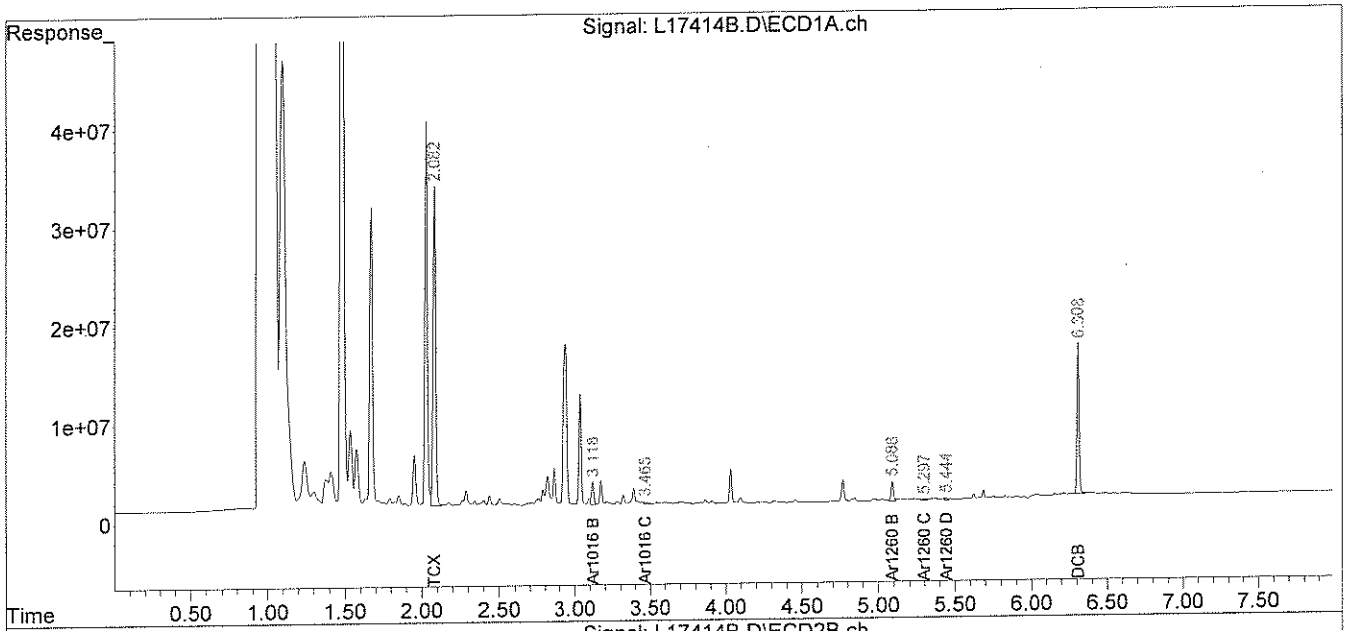
Authorized signature

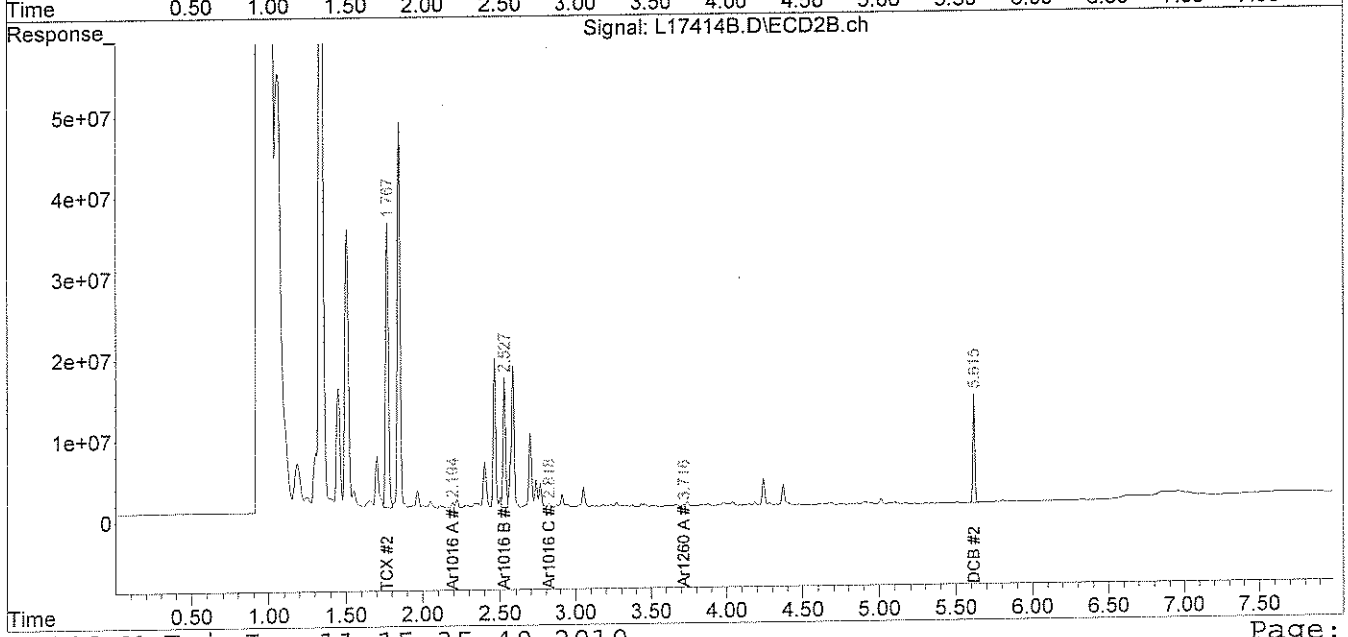
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\061110-L\
Data File : L17414B.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jun 10 2:04 pm
Operator : MG
Sample : B061010PSOX2 (Sig #1); ~~B060110PSOX2 (Sig #2)~~ 060110
Misc :
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 11 14:27:09 2010 060110
Quant Method : C:\msdchem\1\METHODS\PCB060310.M
Quant Title : SW-846 8082 /EPA 608 Aroclor 1016/1260
QLast Update : Thu Jun 03 13:34:06 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 ul
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPEstides
Signal #1 Info : 30m x0.25 mm x 0. Signal #2 Info : 30m x0.25 mm, 0.25um





analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 11, 2010

SAMPLE DATA

Lab Sample ID:	66855-1
Matrix:	Solid
Percent Solid:	93
Dilution Factor:	2.1
Collection Date:	06/03/10
Lab Receipt Date:	06/04/10
Extraction Date:	06/08/10
Analysis Date:	06/11/10

CLIENT SAMPLE ID

Project Name:	AMISTAD ACADEMY
Project Number:	223019
Field Sample ID:	AA-SS-068

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	69	U
PCB-1221	69	U
PCB-1232	69	U
PCB-1242	69	U
PCB-1248	69	U
PCB-1254	69	**1430**
PCB-1260	69	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	93	%
Decachlorobiphenyl	62	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: L

GC Column #1: STX-CLPesticides I

Column ID: 0.25 mm

GC Column #2: STX-CLPesticides II

Column ID: 0.25 mm

SDG:

Sample: 66855-1,,1:2

Data File: L17417.D

Dilution Factor: 2.1

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	1205	1429	17.0	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

PCB FORM 10

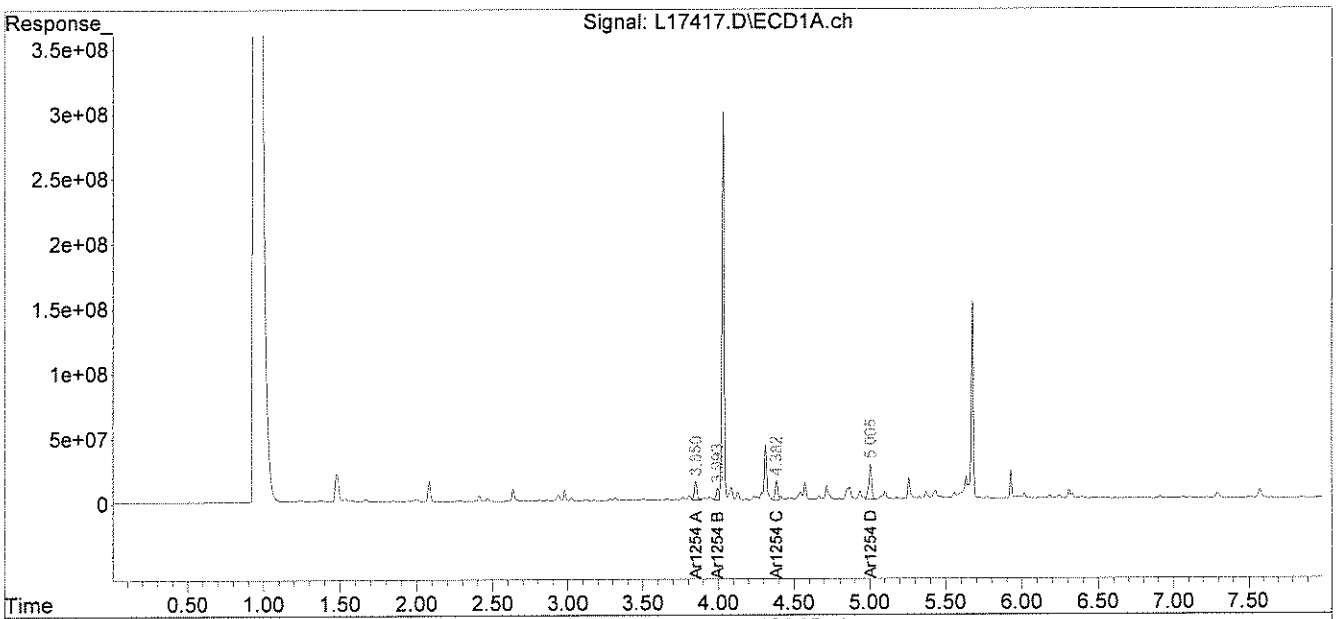
Quantitation Report (Not Reviewed)

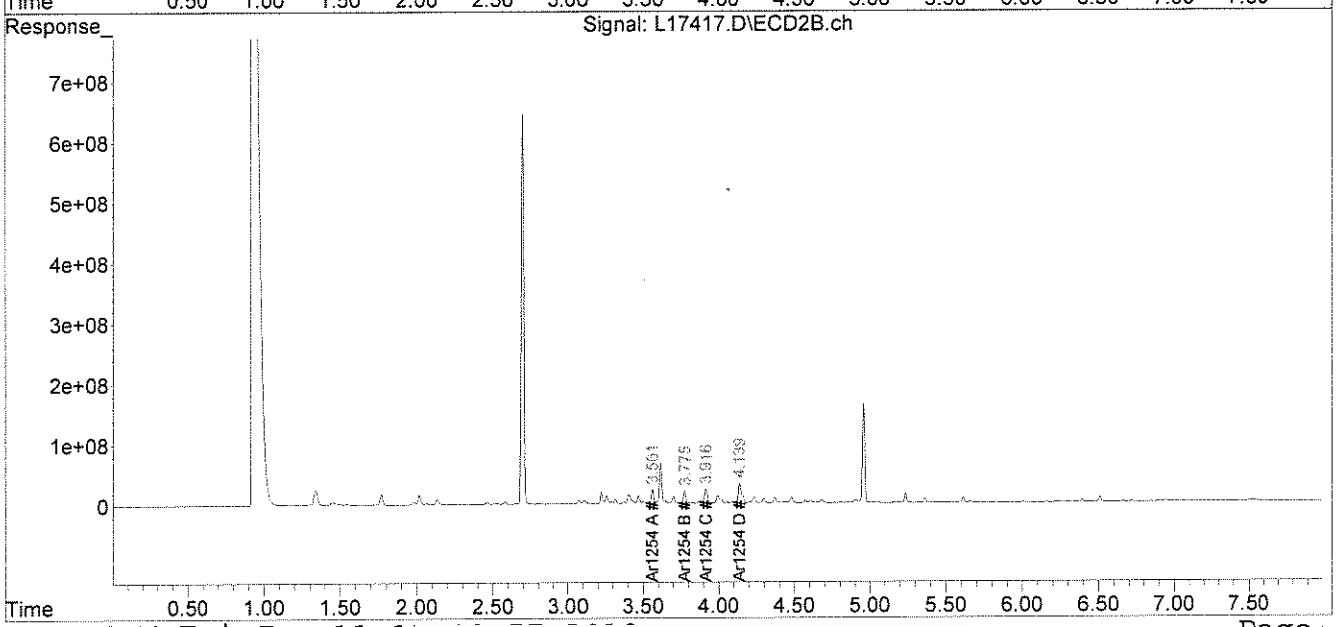
Data Path : C:\msdchem\1\DATA\061110-L\
Data File : L17417.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jun 10 2:35 pm
Operator : MG
Sample : 66855-1,,1:2
Misc :
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 11 15:12:56 2010
Quant Method : C:\msdchem\1\METHODS\54SP060310.M
Quant Title :
QLast Update : Thu Jun 03 15:56:13 2010
Response via : Initial Calibration
Integrator: ChemStation

J61110

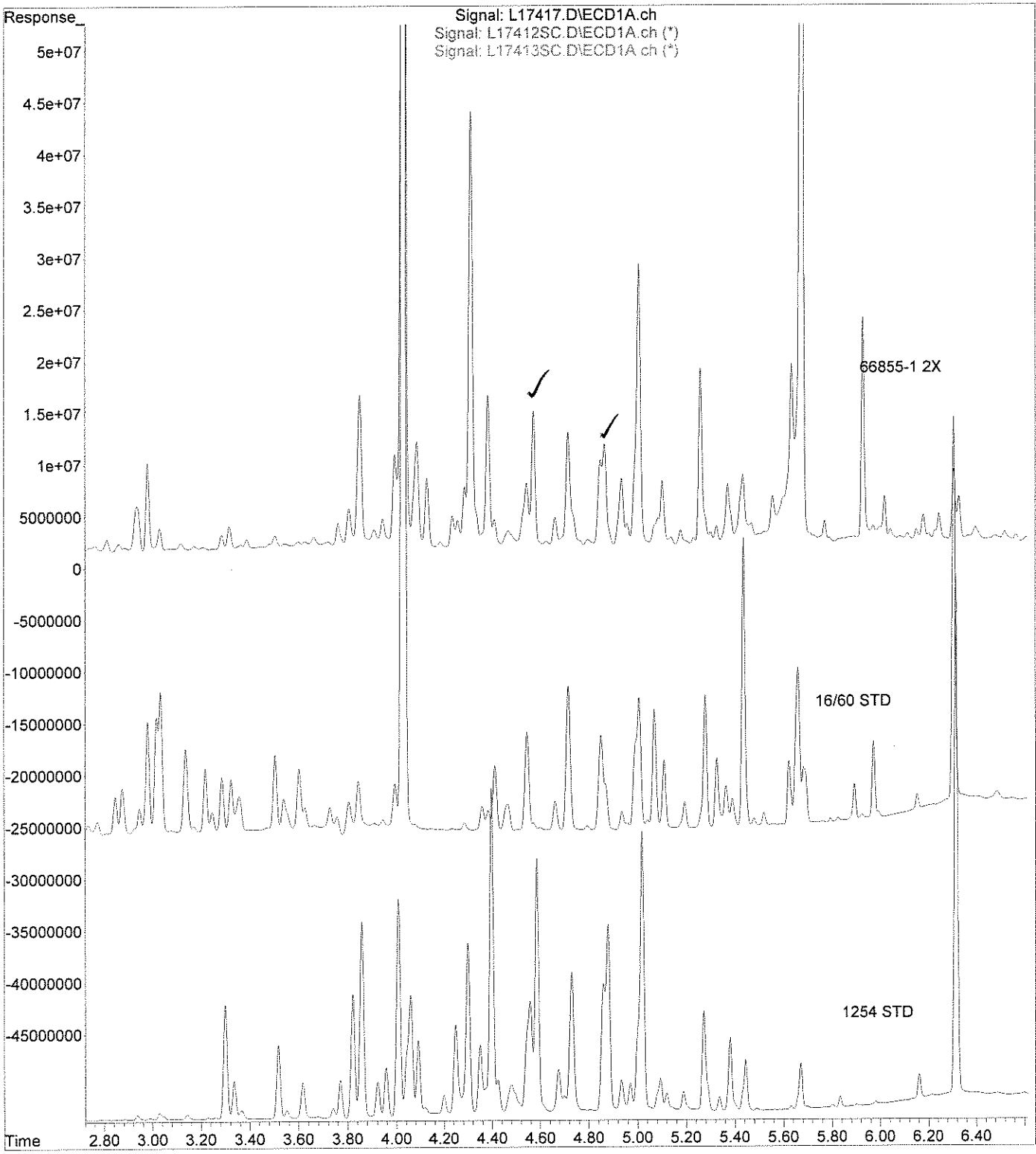
Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





File :C:\msdchem\1\DATA\061110-L\L17417.D
Operator : MG
Acquired : 11 Jun 10 2:35 pm using AcqMethod PEST.M
Instrument : Inst L
Sample Name: 66855-1,,1:2
Misc Info :
Vial Number: 6

D6MO



analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 11, 2010

SAMPLE DATA

Lab Sample ID:	66855-2
Matrix:	Solid
Percent Solid:	98
Dilution Factor:	10
Collection Date:	06/03/10
Lab Receipt Date:	06/04/10
Extraction Date:	06/08/10
Analysis Date:	06/10/10

CLIENT SAMPLE ID

Project Name:	AMISTAD ACADEMY
Project Number:	223019
Field Sample ID:	AA-CC-011

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	330	U
PCB-1221	330	U
PCB-1232	330	U
PCB-1242	330	U
PCB-1248	330	U
PCB-1254	330	**8060**
PCB-1260	330	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	108	%
Decachlorobiphenyl	81	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: L

GC Column #1: STX-CLPesticides I

Column ID: 0.25 mm

GC Column #2: STX-CLPesticides II

Column ID: 0.25 mm

SDG: 66855

Sample: 66855-2,1:10,,A/C

Data File: L17392.D

Dilution Factor: 10.2

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	6265	8063	25.1	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

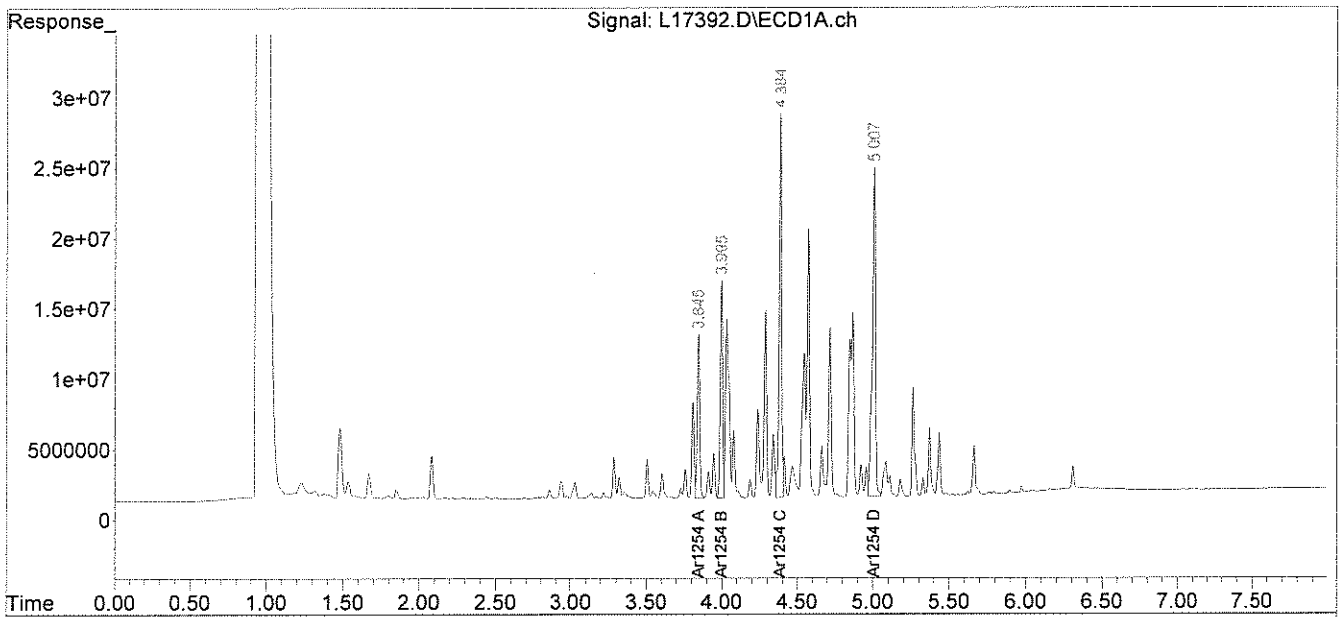
PCB FORM 10

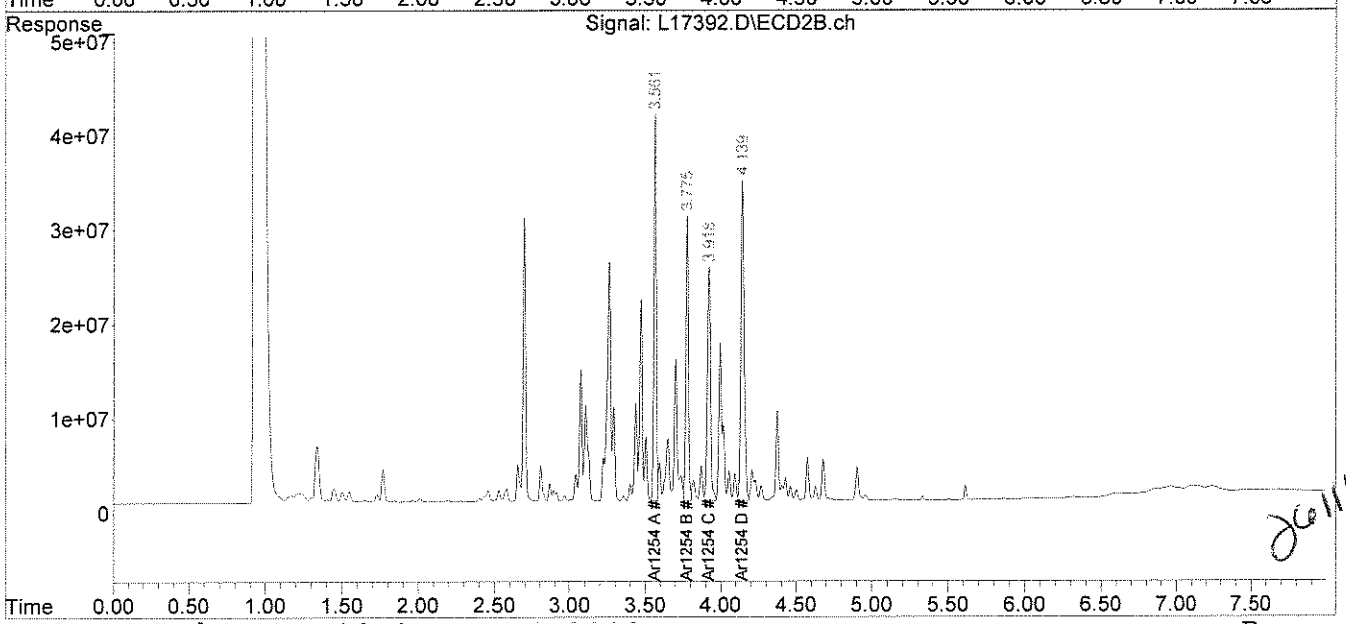
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\061010-L\
Data File : L17392.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jun 10 1:24 pm
Operator : JK
Sample : 66855-2,1:10,,A/C
Misc : SOIL
ALS Vial : 12 Sample Multiplier: 1

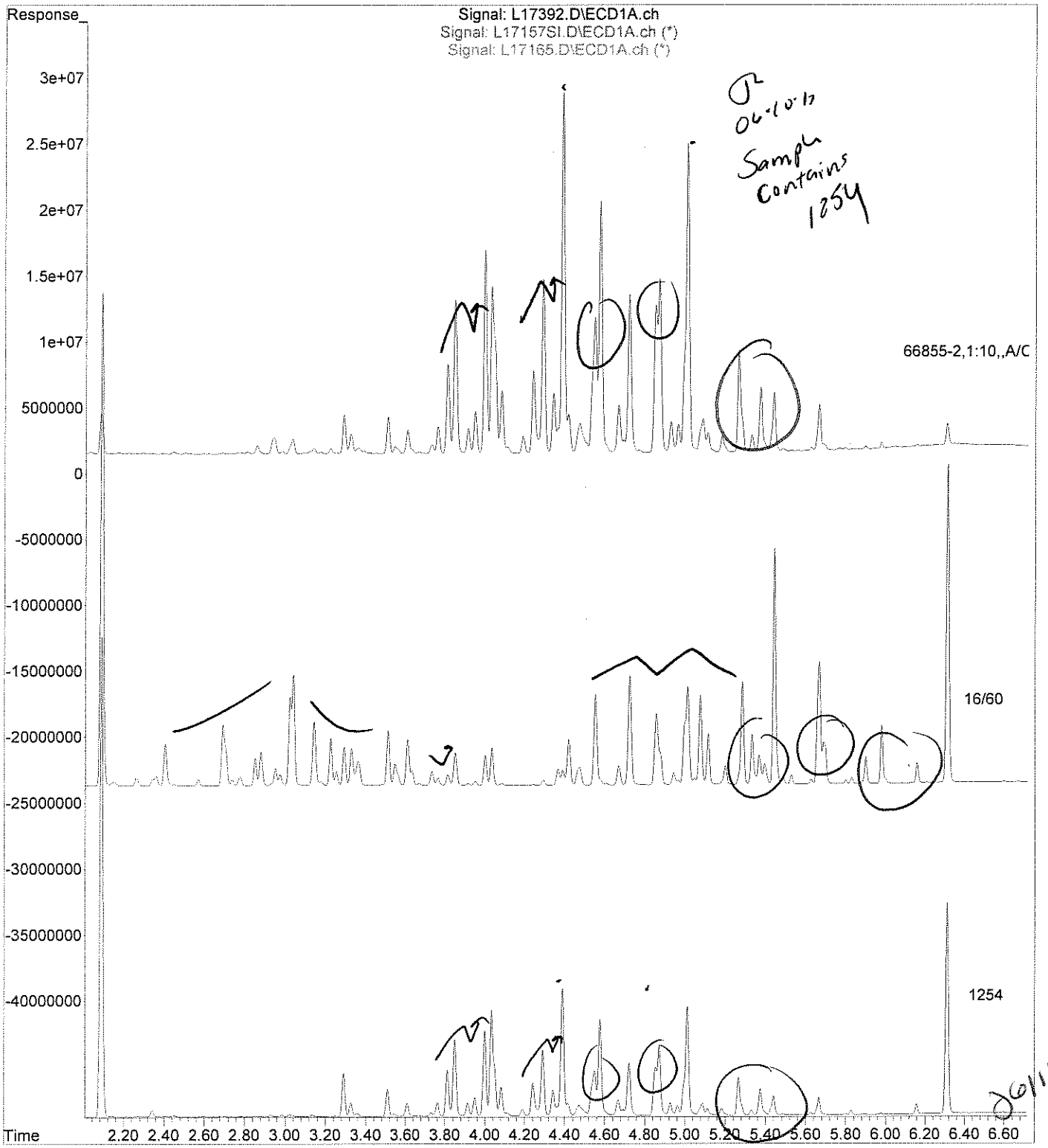
Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 10 15:18:32 2010
Quant Method : C:\msdchem\1\METHODS\54SP060310.M
Quant Title :
QLast Update : Thu Jun 03 15:56:13 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





File :C:\msdchem\1\DATA\061010-L\L17392.D
Operator : JK
Acquired : 10 Jun 10 1:24 pm using AcqMethod PEST.M
Instrument : Inst L
Sample Name: 66855-2,1:10,,A/C
Misc Info : SOIL
Vial Number: 12



analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 11, 2010

SAMPLE DATA

Lab Sample ID:	66855-3
Matrix:	Solid
Percent Solid:	99
Dilution Factor:	2.0
Collection Date:	06/03/10
Lab Receipt Date:	06/04/10
Extraction Date:	06/08/10
Analysis Date:	06/10/10

CLIENT SAMPLE ID

Project Name:	AMISTAD ACADEMY
Project Number:	223019
Field Sample ID:	AA-CC-012

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	66	U
PCB-1221	66	U
PCB-1232	66	U
PCB-1242	66	U
PCB-1248	66	U
PCB-1254	66	**1290**
PCB-1260	66	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	99	%
Decachlorobiphenyl	68	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: L

GC Column #1: STX-CLPesticides I

Column ID: 0.25 mm

GC Column #2: STX-CLPesticides II

Column ID: 0.25 mm

SDG: 66855

Sample: 66855-3,1:2,,A/C

Data File: L17393.D

Dilution Factor: 2.0

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	920	1285	33.1	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

PCB FORM 10

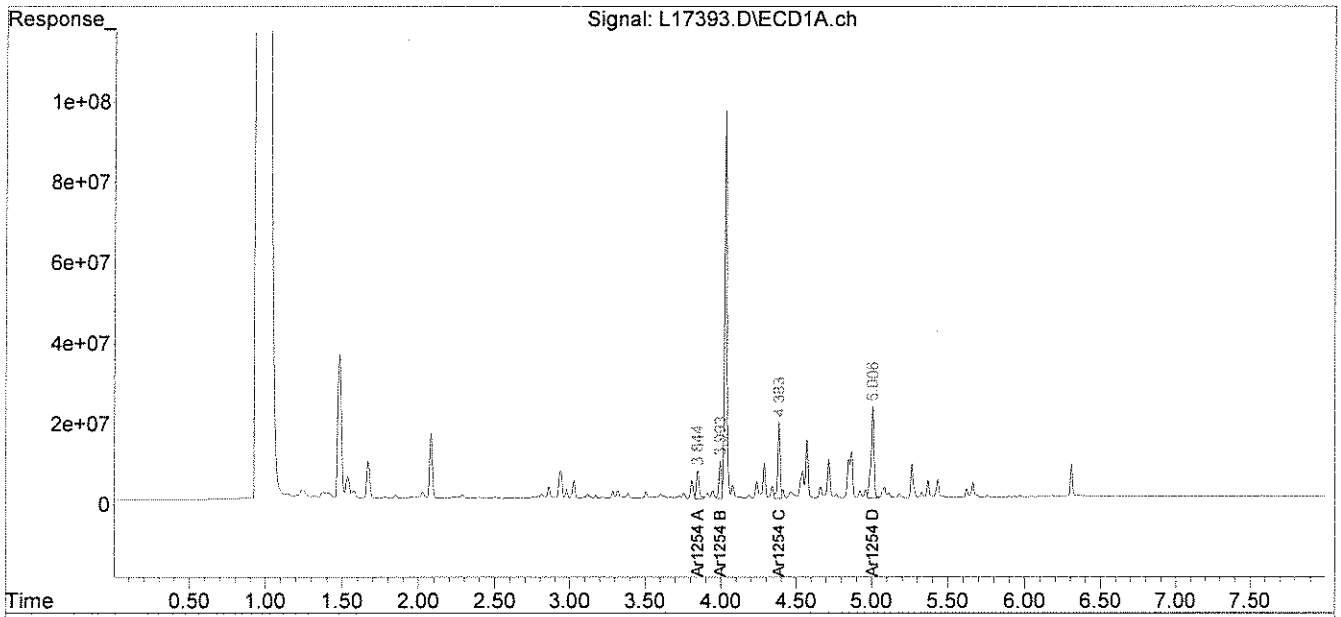
Quantitation Report (Not Reviewed)

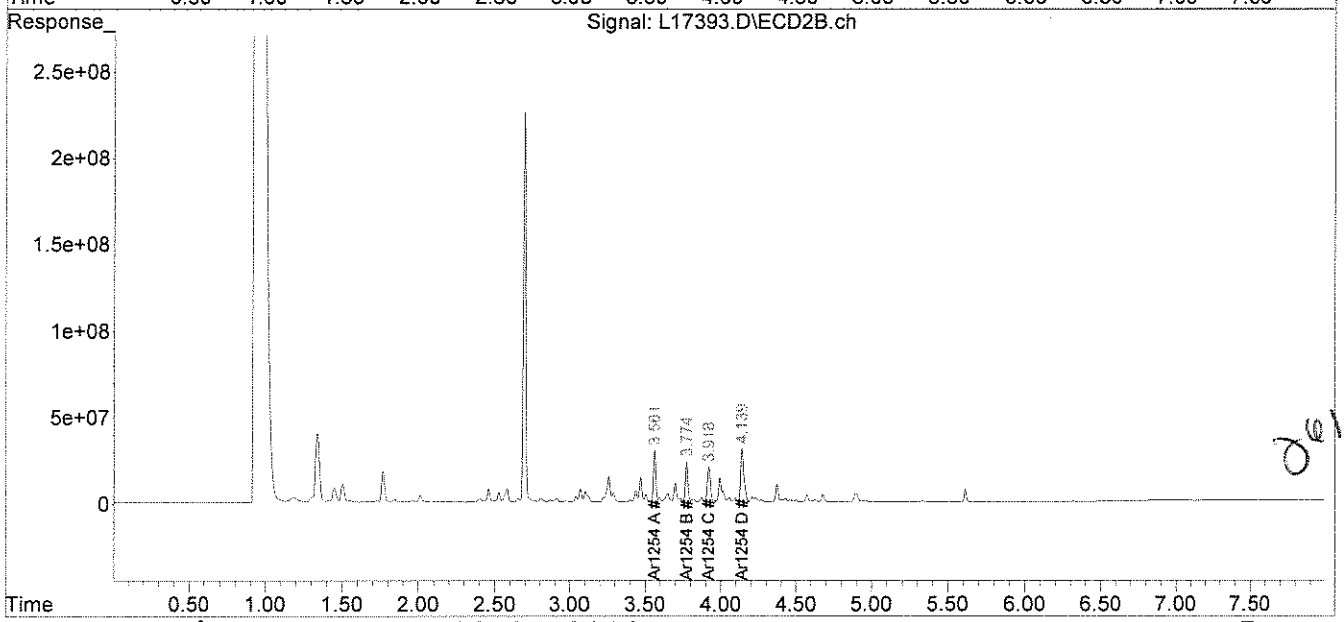
Data Path : C:\msdchem\1\DATA\061010-L\
Data File : L17393.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jun 10 1:34 pm
Operator : JK
Sample : 66855-3,1:2,,A/C
Misc : SOIL
ALS Vial : 13 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 10 15:18:34 2010
Quant Method : C:\msdchem\1\METHODS\54SP060310.M
Quant Title :
QLast Update : Thu Jun 03 15:56:13 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

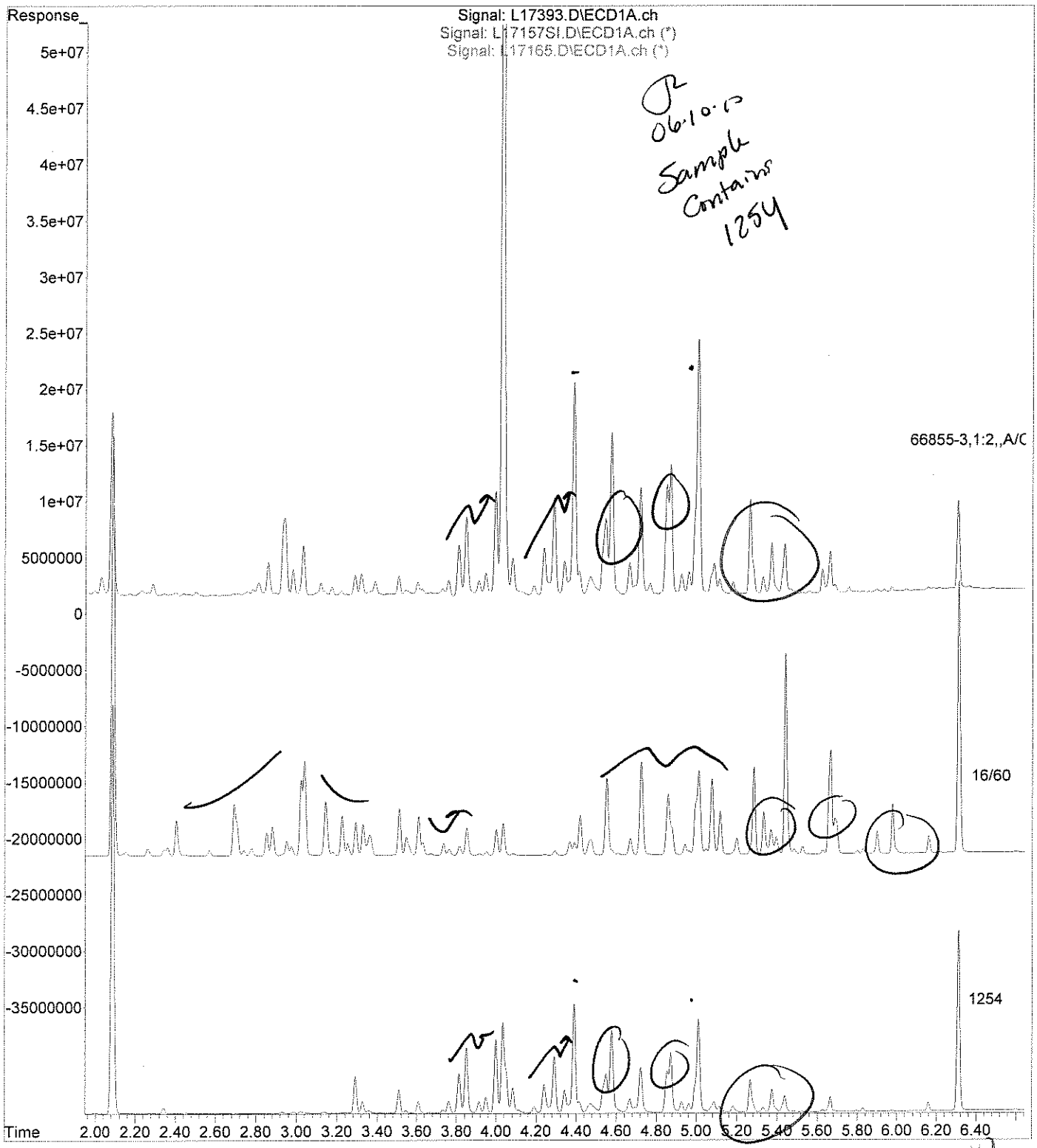
JK 06.10.10





06/10/10

File :C:\msdchem\1\DATA\061010-L\L17393.D
Operator : JK
Acquired : 10 Jun 10 1:34 pm using AcqMethod PEST.M
Instrument : Inst L
Sample Name: 66855-3,1:2,,A/C
Misc Info : SOIL
Vial Number: 13



analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 11, 2010

SAMPLE DATA

Lab Sample ID:	66855-4
Matrix:	Solid
Percent Solid:	98
Dilution Factor:	1.0
Collection Date:	06/03/10
Lab Receipt Date:	06/04/10
Extraction Date:	06/08/10
Analysis Date:	06/09/10

CLIENT SAMPLE ID

Project Name:	AMISTAD ACADEMY
Project Number:	223019
Field Sample ID:	AA-CC-015

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	89	%
Decachlorobiphenyl	50	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

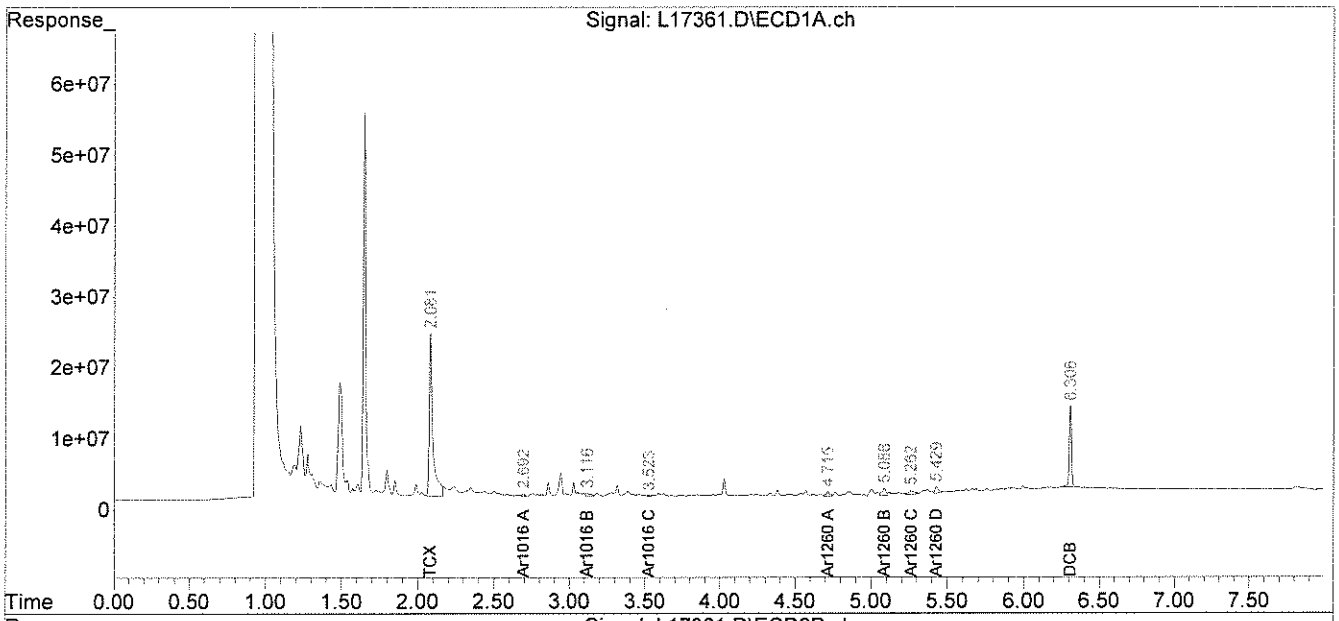
Quantitation Report (Not Reviewed)

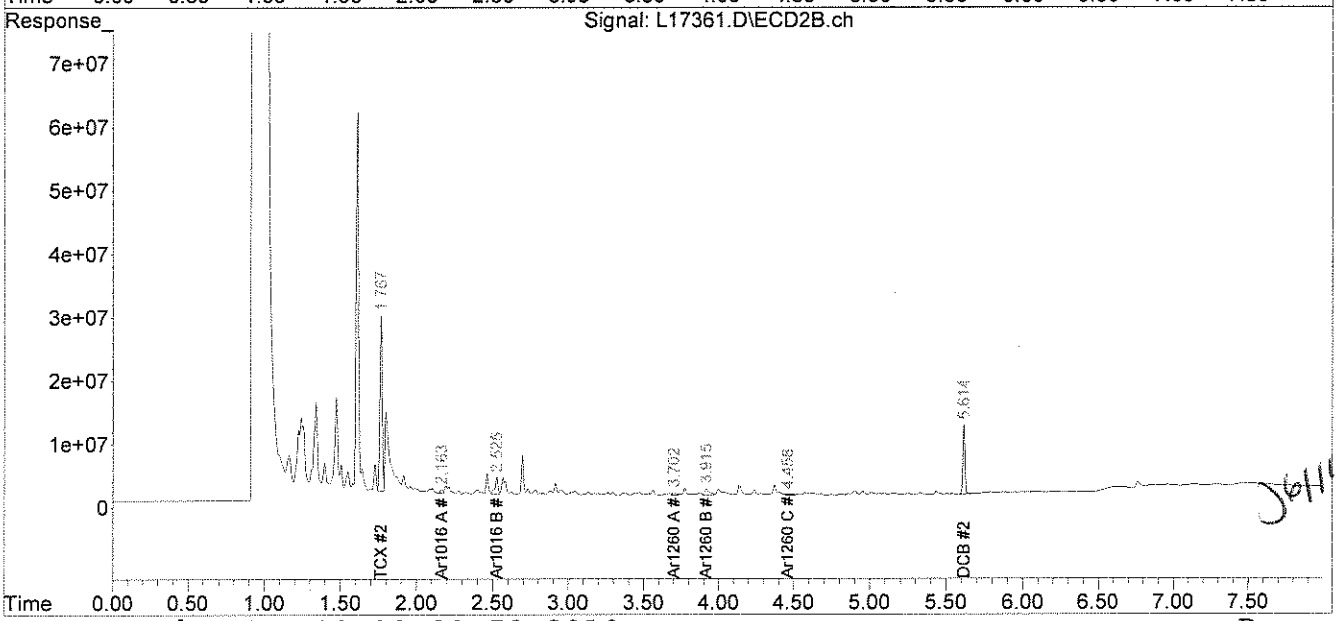
Data Path : C:\msdchem\1\DATA\060910-L\
Data File : L17361.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 9 Jun 10 8:56 pm
Operator : JK
Sample : 66855-4,,A/C
Misc : SOIL
ALS Vial : 19 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 10 10:01:52 2010
Quant Method : C:\msdchem\1\METHODS\PCB060310.M
Quant Title : SW-846 8082 /EPA 608 Aroclor 1016/1260
QLast Update : Thu Jun 03 13:34:06 2010
Response via : Initial Calibration
Integrator: ChemStation

JR 06-10-10

Volume Inj. : 2 ul
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPEstides
Signal #1 Info : 30m x0.25 mm x 0. Signal #2 Info : 30m x0.25 mm, 0.25um





JR 6/11/10

PCB
QC FORMS

AnalyticsLLC:AEL Documents LLC:Pkg Dividers:PCBQC.doc

PCB SOIL
SYSTEM MONITORING COMPOUNDS
SUMMARY

Instrument ID: L
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 66855

	Column #1				Column #2			
SAMPLE ID	SMC 1 (%)	#	SMC 2 (%)	#	SMC 1 (%)	#	SMC 2 (%)	#
B060810PSOX,RR2,,A/(	101		65		105		57	
66855-2,1:10,,A/C	108		81		96		42	
66855-3,1:2,,A/C	99		68		107		56	

		Lower Limit	Upper Limit
SMC #1 =	TCX	40	130
SMC #2 =	DCB	40	130

Column to be used to flag recovery values outside of QC limits
* Values outside QC limits
D System Monitoring Compound diluted out

PCB SOIL
SYSTEM MONITORING COMPOUNDS
SUMMARY

Instrument ID: L
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG:

	Column #1				Column #2			
SAMPLE ID	SMC 1 (%)	#	SMC 2 (%)	#	SMC 1 (%)	#	SMC 2 (%)	#
B060810PSOX,,A/C	90		57		98		51	
L060810PSOX,,A/C	91		59		98		52	
LD060810PSOX,,A/C	91		65		98		53	
66855-4,,A/C	89		50		62		41	

		Lower Limit	Upper Limit
SMC #1 =	TCX	40	130
SMC #2 =	DCB	40	130

Column to be used to flag recovery values outside of QC limits
* Values outside QC limits
D System Monitoring Compound diluted out

PCB SOIL
SYSTEM MONITORING COMPOUNDS
SUMMARY

Instrument ID: L
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 66855

	Column #1				Column #2			
SAMPLE ID	SMC 1 (%)	#	SMC 2 (%)	#	SMC 1 (%)	#	SMC 2 (%)	#
B061010PSOX2	96		64		103		51	
66855-1,,1:2	93		62		101		59	

		Lower Limit	Upper Limit
SMC #1 =	TCX	40	130
SMC #2 =	DCB	40	130

Column to be used to flag recovery values outside of QC limits
* Values outside QC limits
D System Monitoring Compound diluted out

PCB SOIL
LABORATORY CONTROL SAMPLE/DUPLICATE
PERCENT RECOVERY

Instrument ID: L

GC Column #1: STX-CLPesticides I

Column ID: 0.25 mm

GC Column #2: STX-CLPesticides II

Column ID: 0.25 mm

SDG: 66855

Non-spiked sample: B060810PSOX,,A/C

Spike: L060810PSOX,,A/C

Spike duplicate: LD060810PSOX,,A/C

COMPOUND	LCS SPIKE ADDED (ug/kg)	LCSD SPIKE ADDED (ug/kg)	LOWER LIMIT	UPPER LIMIT	RPD LIMIT	NON-SPIKE 0	SPIKE RESULT (ug/kg)	SPIKE % REC	#	SPIKE DUP RESULT (ug/kg)	SPIKE DUP % REC	#	RPD	#
PCB 1016	200	200	65	140	30	0	187	93		188	94		0.5	
PCB 1260	200	200	60	130	30	0	206	103		206	103		0.4	
PCB 1016 #2	200	200	65	140	30	0	192	96		190	95		1.0	
PCB 1260 #2	200	200	60	130	30	0	210	105		209	104		0.6	

Column to be used to flag recovery and RPD values outside of QC limits

* Values outside QC limits

LCS/LCSD spike added values have been weight adjusted.

Non-spike result of "0" used in place of "U" to allow calculation of spike recovery.

Comments: _____

_____

PCB SOIL
MATRIX SPIKE/DUPLICATE
PERCENT RECOVERY

Instrument ID: L

GC Column #1: STX-CLPesticides I

Column ID: 0.25 mm

GC Column #2: STX-CLPesticides II

Column ID: 0.25 mm

SDG: 66855

Non-spiked sample: 66855-1,,A/C

Spike: 66855-1,MS,,A/C

Spike duplicate: 66855-1,MSD,,A/C

COMPOUND	MS SPIKE ADDED (ug/kg)	MSD SPIKE ADDED (ug/kg)	LOWER LIMIT	UPPER LIMIT	RPD LIMIT	NON-SPIKE RESULT (ug/kg)	SPIKE RESULT (ug/kg)	SPIKE % REC	#	SPIKE DUP RESULT (ug/kg)	SPIKE DUP % REC	#	RPD	#
PCB 1016	210	212	65	140	30	0	258	123		275	130		6.3	
PCB 1260	210	212	60	130	30	0	325	154	*	387	183	*	17.7	
PCB 1016 #2	210	212	65	140	30	0	272	129		256	121		5.9	
PCB 1260 #2	210	212	60	130	30	0	279	132	*	261	123		6.7	

Column to be used to flag recovery and RPD values outside of QC limits

* Values outside QC limits

MS/MSD spike added values have been weight adjusted.

Non-spike result of "0" used in place of "U" to allow calculation of spike recovery.

Comments: _____

_____

CHAIN OF CUSTODIES

Chain Of Custody Form

analytics environmental laboratory LLC
195 Commerce Way Suite E
Portsmouth, NH 03801
Phone (603) 436-5111
Fax (603) 430-2151

For Analytics Use Only Rev. 5 06/18/08

Samples were:
1) Shipped or hand-delivered
2) Temp blank °C 10°C CP 6/4/10
3) Received in good condition Y or N
4) pH checked by: N/A
5) Labels checked by: CP 6/4/10

Project#: 223019 Proj. Name: AMISTAD ACADEMY
Company: Woodard &Curran
Contact: GEORGE FRANKLIN / JEFF HAMEL
Address: 41 Hutchins Drive
Portland, ME
Phone: (207)774-2112 PO# Quote # NCI03051001
Sampler (Signature):

Matrix Key:
C = Concrete
WP = Wipe
WW = Wastewater
SW = Surface Water
GW = Groundwater
DW = Drinking Water
S = Soil/Sludge
O = Oil
E = Extract

Container Key
P=plastic G=glass

Station Identification	Sample Date	Sample Time	Analysis	Preservation: Unpres	4° C	HNO_3	H_2SO_4	HCL	Methanol	Other	Matrix	Container number/type		pH	Analytics Sample #
AA-SS-067	6/3/10	0740	U.S. EPA PCBs	✓							S	1	G		
AA-SS-068		0750	8082 w/	✓							S	1	G		66855-1
AA-CC-011		0830	Soxhlet	✓							C	1	G		-2
AA-CC-012		0840	Extraction	✓							C	1	G		-3
AA-CC-013		0930		✓							C	1	G		
AA-CC-014		0940		✓							C	1	G		
AA-CC-015		0950		✓							C	1	G		-4
AA-CC-016		1000		✓							C	1	G		

JSB 6/4/10

Received By: URS Date: 6/3/10 Time:
Received By: Date: 6/4/10 Time: 1400
Received By: JSB 6/4/10 Date: Time:

Relinquished By Sampler: Date: Time:
Relinquished By: URS Date: Time:
Relinquished By: Date: Time:

Email Results to:
franklin@woodardcurran.com
jhamel...

Turnaround Time (TAT)
☐ 24hr* ☐ 48hr*
☐ 72hr* ☑ 5 Days*
☐ 10 Days
*Fee may apply; lab approval required

Comments / Instructions:
R.L. 41.0 mg/kg.
• AA-CC-015 had bottom of jar broken
• AA-SS-067 was completely broken
• AA-CC-013 jar was cracked (sample was dry)
• AA-CC-014 jar was cracked (sample was dry)
STD TURN AROUND TIME 3-5 DAYS
awaiting George's response to these samples (all samples were in same bag w/ watery melted ice)
JSB 6/4/10
- Discard these samples as per G. Franklin's email - CP 6/7/10

Project Requirements:
*Fee may apply

Report Type:
☐ MCP* ☑ Level II*
☐ CTRCP* ☐ Level III*
☐ DOD* ☐ Level IV*
☐ Standard

State:
☐ NH
☐ MA
☐ ME
☑ CT
☐ RI
Other:

State Standard:
(eg. S-1 or GW-1)
EDD Required: Y* N
Type: .XLS

Analytics\AEL Documents\AEL COC

Page 1 of 1

ANALYTICS SAMPLE RECEIPT CHECKLIST

analytics environmental laboratory LLC

AEL LAB#: 66855

CLIENT: Woodard

PROJECT: Amistad Academy

COOLER NUMBER: NA

NUMBER OF COOLERS: 1

DATE RECEIVED: 6/4/10

DATE COOLER OPENED: 6/4/10

Date Received: 6/4/10

A: PRELIMINARY EXAMINATION:

1. Cooler received by(initials): JBB

2. Circle one: Hand delivered (If so, skip 3) Shipped

3. Did cooler come with a shipping slip? Y N

3a. Enter carrier name and airbill number here: UPS K173472 4821

4. Were custody seals on the outside of cooler? Y N
How many & where: 2 on lid Seal Date: NA Seal Name: cannot read name

5. Did the custody seals arrive unbroken and intact upon arrival? Y N

6. COC#: NA

7. Were Custody papers filled out properly (ink,signed, etc)? Y N

8. Were custody papers sealed in a plastic bag? Y N

no sampler signature or time samples were relinguished to UPS

9. Did you sign the COC in the appropriate place? Y N

10. Was the project identifiable from the COC papers? Y N

11. Was enough ice used to chill the cooler? Y N Temp. of cooler: 10°C

B. Log-In: Date samples were logged in: 6/4/10 By: JBB

12. Type of packing in cooler(bubble wrap, popcorn) Y N

13. Were all bottles sealed in separate plastic bags? Y N

14. Did all bottles arrive unbroken and were labels in good condition? Y N

4 jars were broken (see COC & non-compliance)

15. Were all bottle labels complete(ID,Date,time,etc.) Y N

16. Did all bottle labels agree with custody papers? Y N

17. Were the correct containers used for the tests indicated: Y N

18. Were samples received at the correct pH? Y N/A

19. Was sufficient amount of sample sent for the tests indicated? Y N

20. Were bubbles absent in VOA samples? Y N/A

If NO, List Sample ID's and Lab #s: _____

21. Laboratory labeling verified by (initials): CP Date: 6/4/10

From: "George Franklin" <GFranklin@woodardcurran.com>
Subject: **Amistad Samples**
Date: June 4, 2010 4:57:57 PM EDT
To: <jbergeron@analyticslab.com>
Cc: "Stephen Knollmeyer" <sknollmeyer@analyticslab.com>, "Melissa Gulli" <mgulli@analyticslab.com>, "Casey Payne" <cpayne@analyticslab.com>, "Jeff Hamel" <jhamel@woodardcurran.com>

Jaci,

With regard to the sample Non-compliance form you sent this afternoon. Please discard the samples referenced in the form and do not analyze them. These samples are:

AA-CC-015
AA-CC-013
AA-CC-014
AA-SS-067

All other samples submitted should be analyzed as per the chain of custody. If you have any questions please give me a call.

Thank you,

George

George Franklin, CHMM
Project Scientist
Woodard and Curran
Office: (978) 557-8150
Cell: (978) 317-8200
gfranklin@woodardcurran.com

analytics environmental laboratory LLC

SAMPLE RECEIPT
NON-COMPLIANCE NOTIFICATION
(SENT VIA FACSIMILE)

DATE 6/4/10 FROM Jacl

FAX CONTACT George Franklin FAX NUMBER 978-557-7948

CLIENT Woodard & Curran LAB NUMBER 66855

The exceptions noted below were found on the sample(s) received on the attached Chain of Custody (COC) form. These exceptions may render the data results as non-defensible. Analytics will continue to proceed with the analysis of the sample(s) unless notified in writing to stop the analysis. This document may become part of the final report.

Please check the appropriate box and sign below and fax back to "Sample Receipt" at 603-430-2151.

Exceptions:

- [x] Sample(s) not on ice or not at 4°C ± 2°C @ 10°C ice was melted
- [ ] Sample(s) received unpreserved or not at the proper pH. (pH was adjusted at the laboratory)
- [ ] Sample(s) received in incorrect containers
- [ ] Insufficient sample volume received (Detection limits may be elevated due to this exception) Sampler Signature & time relinquished to UPS
- [ ] Trip Blank provided in cooler, but not recorded on the chain of custody
- [x] Other: AA-CC-015 had bottom of jar broken (possible contam.) AA-SS-067 was completely broken (watery from melted ice) AA-CC-013 cracked jar (dry sample) AA-CC-014 cracked jar (dry sample)

Acknowledgment:

- [ ] **Please do not analyze/report Trip Blank, proceed with other analyses**
- [ ] **Proceed with the analysis.**
- [ ] **Please stop the analysis and wait for further instructions.**

Signed:_____ **Print Name:**_____

Date:_____

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

June 16, 2010

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

RE: Analytical Results Case Narrative
Analytics # 66875
AMISTAD ACADEMY

Dear Mr. Franklin;

Enclosed please find the analytical results for samples submitted for the above-mentioned project. The attached Cover Page lists the sample IDs, Lab tracking numbers and collection dates for the samples included in this deliverable.

Samples were analyzed Polychlorinated Biphenyls (PCBs) by EPA Method 8082.

Revision 1: This report has been revised to correct the data entry error for the surrogate result on sample 66875-4 (AA-CC-015). Please replace pages 001, 002 and 014 of the original report with the pages provided here

Unless otherwise noted in the Non-conformance Summary listed below, all of the quality control (QC) criteria including initial calibration, calibration verification, surrogate recovery, holding time and method accuracy/precision for these analyses were within acceptable limits.

This Level II data package has been assembled in the following order:

Case Narrative/Non-Conformance Summary
Sample Log Sheet - Cover Page
PCB Form 1 Data Sheet for Samples and Blanks
Chromatograms
PCB Form 10 Confirmation Results
PCB Form 3 MS/MSD (LCS) Recoveries
Chain of Custody (COC) Forms

QC NON-CONFORMANCE SUMMARY

Sample Receipt:
The chain of custody had no time relinquished listed. There is no sampler signature on chain of custody.

PCBs by EPA Method 8082:
No results were reported below the quantitation limit.

Samples 66875-3 thru 66875-8 are reported with elevated quantitation limits due to sample matrix affect.

Sample 66875-4 had low recovery for Decachlorobiphenyl (DCB) on column#2. Column#1 was in control for all surrogates. Results were reported without qualification.

The MS/MSD on sample 66875-1 had high recoveries for PCB 1260 on both columns and high recovery for PCB 1016 on column #1. In addition PCB 1016 on column #2 had high RPD. The laboratory control sample duplicate (LD060910PSOX2) had high recoveries for PCB 1016 on both columns and high RPD on column #1. The laboratory control sample was in control for all analytes. No PCBs were detected in any samples for this SDG and results were reported without qualification.

If you have any questions on these results, please do not hesitate to contact me.

Sincerely,
ANALYTICS Environmental Laboratory, LLC

MMalnatalli for

Stephen L. Knollmeyer
Laboratory Director

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 26, 2010

SAMPLE DATA

Lab Sample ID:	66875-4
Matrix:	Solid
Percent Solid:	98
Dilution Factor:	2.0
Collection Date:	06/07/10
Lab Receipt Date:	06/08/10
Extraction Date:	06/09/10
Analysis Date:	06/15/10

CLIENT SAMPLE ID

Project Name:	AMISTAD ACADEMY
Project Number:	223019
Field Sample ID:	AA-CC-015

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	66	U
PCB-1221	66	U
PCB-1232	66	U
PCB-1242	66	U
PCB-1248	66	U
PCB-1254	66	U
PCB-1260	66	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	50	%
Decachlorobiphenyl	54	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

June 17, 2010

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

RE: Analytical Results Case Narrative
Analytics # 66910
AMISTAD ACADEMY

Dear Mr. Franklin;

Enclosed please find the analytical results for samples submitted for the above-mentioned project. The attached Cover Page lists the sample IDs, Lab tracking numbers and collection dates for the samples included in this deliverable.

Samples were analyzed Polychlorinated Biphenyls (PCBs) by EPA Method 8082.

Unless otherwise noted in the Non-conformance Summary listed below, all of the quality control (QC) criteria including initial calibration, calibration verification, surrogate recovery, holding time and method accuracy/precision for these analyses were within acceptable limits.

This Level II data package has been assembled in the following order:

Case Narrative/Non-Conformance Summary
Sample Log Sheet - Cover Page
PCB Form 1 Data Sheet for Samples and Blanks
Chromatograms
PCB Form 10 Confirmation Results
PCB Form 3 MS/MSD (LCS) Recoveries
Chain of Custody (COC) Forms

QC NON-CONFORMANCE SUMMARY

Sample Receipt:
The chain of custody had no time relinquished listed. There is no sampler signature on chain of custody.

PCBs by EPA Method 8082:
No results were reported below the quantitation limit.

If you have any questions on these results, please do not hesitate to contact me.

Sincerely,
ANALYTICS Environmental Laboratory, LLC

Stephen L. Knollmeyer
Laboratory Director

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

Report Number: 66910

Revision: Rev. 0

Re: AMISTAD ACADEMY (Project No: 223019)

Enclosed are the results of the analyses on your sample(s). Samples were received on 11 June 2010 and analyzed for the tests listed. Samples were received in acceptable condition, with the exceptions noted below or on the chain of custody. These results pertain to samples as received by the laboratory and for the analytical tests requested on the chain of custody. The results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report. Please see individual reports for specific methodologies and references.

Sample Analysis: The attached pages detail the Client Sample IDs, Lab Sample IDs, and Analyses requested

Sample Receipt Exceptions: None

Analytics Environmental Laboratory is certified by the states of New Hampshire, Maine, Massachusetts, Connecticut, Rhode Island, Virginia, Maryland, and is accredited by the Deparment of Defense (DOD) ELAP program. A list of actual certified parameters is available upon request.

If you have any questions on these results, please do not hesitate to contact us.

Authorized signature _____
Stephen L. Knollmeyer Lab. Director

Date 06/18/2010

This report shall not be reproduced, except in full, without the written consent of Analytics Environmental Laboratory, LLC.

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

CLIENT: Woodard & Curran **REPORT NUMBER: 66910** **REV: Rev. 0**

PROJECT: AMISTAD ACADEMY (Project No: 223019)

Lab Number	Sample Date	Station Location	Analysis	Comments
66910-1	06/08/10	AA-VCS-023	EPA 8082 (PCBs only)	
66910-2	06/08/10	AA-VCS-024	EPA 8082 (PCBs only)	
66910-3	06/08/10	AA-VCS-025	EPA 8082 (PCBs only)	
66910-4	06/08/10	AA-VCS-026	EPA 8082 (PCBs only)	
66910-5	06/08/10	AA-VCS-027	EPA 8082 (PCBs only)	
66910-6	06/08/10	AA-VCS-028	EPA 8082 (PCBs only)	
66910-7	06/09/10	AA-VCS-029	EPA 8082 (PCBs only)	
66910-8	06/09/10	AA-VCS-030	EPA 8082 (PCBs only)	
66910-9	06/09/10	AA-VCS-031	EPA 8082 (PCBs only)	
66910-10	06/09/10	AA-VCS-032	EPA 8082 (PCBs only)	
66910-11	06/09/10	AA-VCS-033	EPA 8082 (PCBs only)	
66910-12	06/09/10	AA-VCS-034	Electronic Data Deliverable	
	06/09/10	AA-VCS-034	EPA 8082 (PCBs only)	

analytics environmental laboratory LLC

Surrogate Compound Limits

Matrix:	Aqueous	Solid	
Units:	% Recovery	% Recovery	Method
Volatile Organic Compounds - Drinking Water			
1,4-Difluorobenzene	70-130		EPA 524.2
Bromofluorobenzene	70-130		
1,2-Dichlorobenzene-d4	70-130		
Volatile Organic Compounds			
1,2-Dichloroethane-d4	70-120	70-120	EPA 624/8260B
Toluene-d8	85-120	85-120	
Bromofluorobenzene	75-120	75-120	
Semi-Volatile Organic Compounds			
2-Fluorophenol	20-110	35-105	EPA 625/8270C
d5-Phenol	15-110	40-100	
d5-nitrobenzene	40-110	35-100	
2-Fluorobiphenyl	50-110	45-105	
2,4,6-Tribromophenol	40-110	40-125	
d14-p-terphenyl	50-130	30-125	
PAH's by SIM			
d5-nitrobenzene	21-110	35-110	EPA 8270C
2-Fluorobiphenyl	36-121	45-105	
d14-p-terphenyl	33-141	30-125	
Pesticides and PCBs			
2,4,5,6-Tetrachloro-m-xylene (TCX)	46-122	40-130	EPA 608/8082
Decachlorobiphenyl (DCB)	40-135	40-130	
Herbicides			
Dichloroacetic acid (DCAA0	30-150	30-150	
Gasoline Range Organics/TPH Gasoline			
Trifluorotoluene TFT (FID)	60-140	60-140	MEDEP 4217/EPA 8015
Bromofluorobenzene (BFB) (FID)	60-140	60-140	
Trifluorotoluene TFT (PID)	60-140	60-140	
Bromofluorobenzene (BFB) (PID)	60-140	60-140	
Diesel Range Organics/TPH Diesel			
m-terphenyl	60-140	60-140	MEDEP 4125/EPA 8015/CT ETPH

analytics environmental laboratory LLC

PCB
DATA SUMMARIES

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 17, 2010

SAMPLE DATA

Lab Sample ID: B061410PSOX
Matrix: Soil
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date:
Lab Receipt Date:
Extraction Date: 06/14/10
Analysis Date: 06/15/10

CLIENT SAMPLE ID

Project Name: AMISTAD ACADEMY
Project Number: 223019
Field Sample ID: Lab QC

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	93	%
Decachlorobiphenyl	62	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB Report

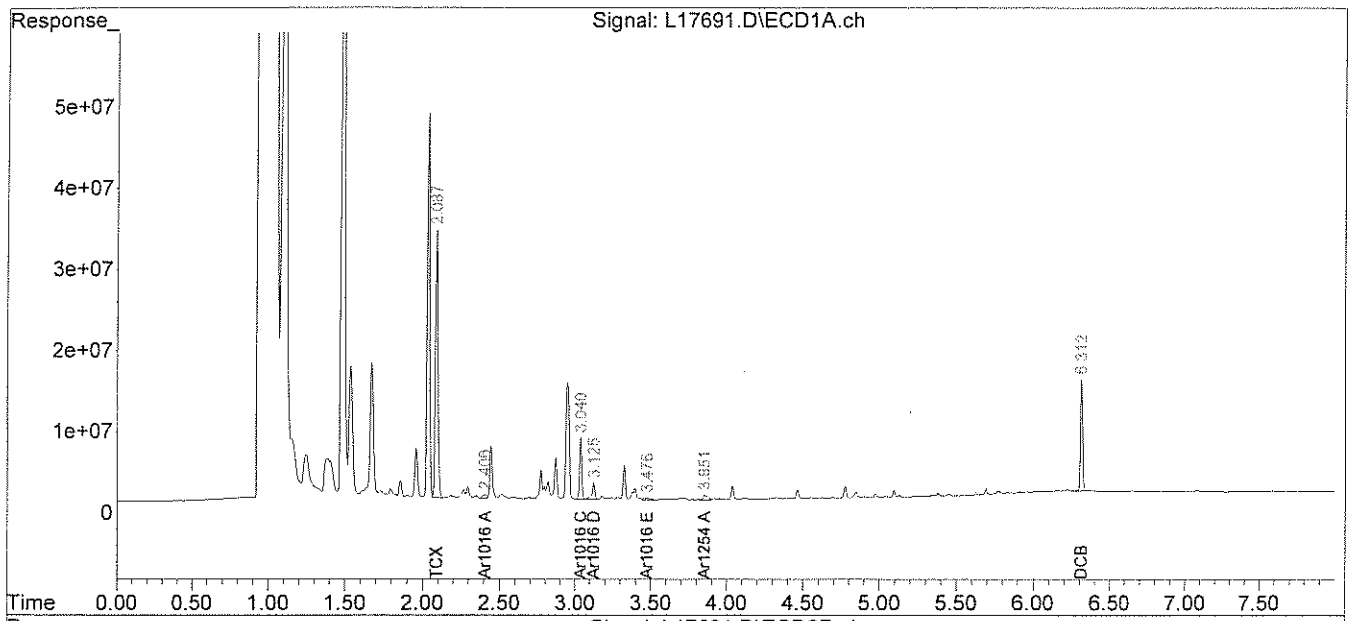
Authorized signature

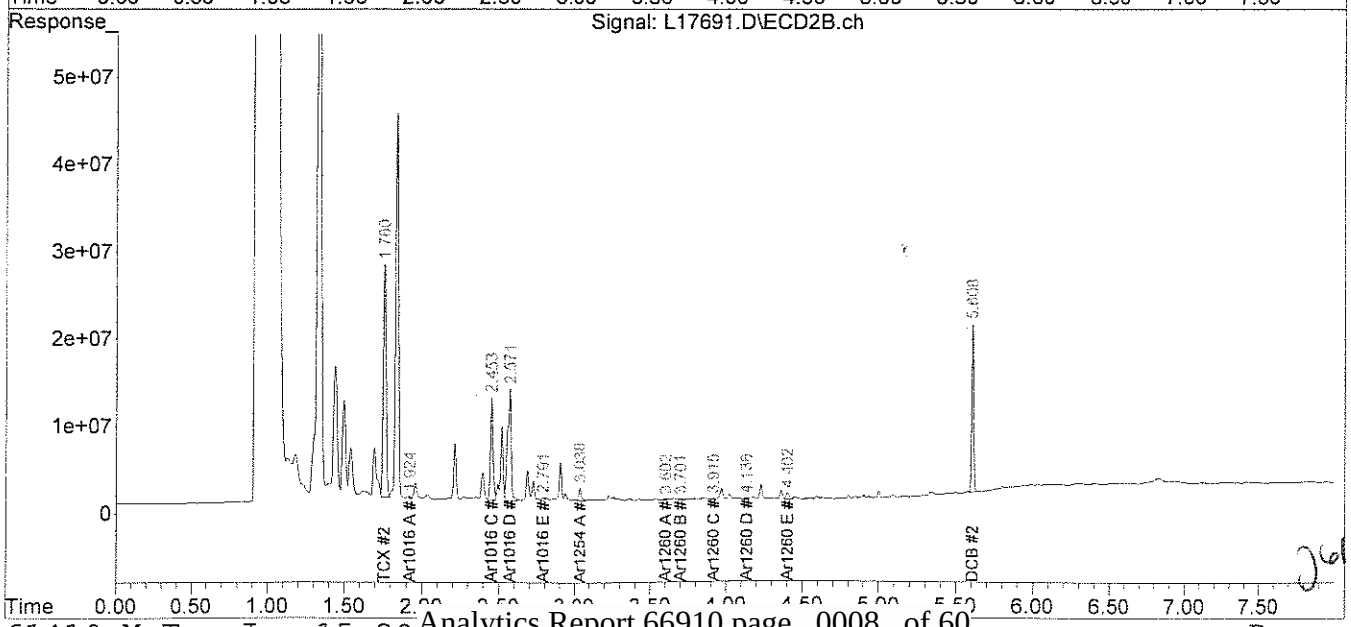
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\061410-L\
Data File : L17691.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Jun 10 2:57 pm
Operator : AR
Sample : B061410PSOX
Misc : SOIL
ALS Vial : 59 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 15 20:00:01 2010
Quant Method : C:\msdchem\1\METHODS\PCB061410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 15 19:47:33 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 17, 2010

SAMPLE DATA

Lab Sample ID:	66910-1
Matrix:	Solid
Percent Solid:	99
Dilution Factor:	1.0
Collection Date:	06/08/10
Lab Receipt Date:	06/11/10
Extraction Date:	06/14/10
Analysis Date:	06/15/10

CLIENT SAMPLE ID

Project Name:	AMISTAD ACADEMY
Project Number:	223019
Field Sample ID:	AA-VCS-023

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	**639**
PCB-1260	33	**666**

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	83	%
Decachlorobiphenyl	102	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 66910
Sample: 66910-1
Data File: L17695.D
Dilution Factor: 1.0

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1260	635	666	4.7	
PCB 1254	614	639	3.8	

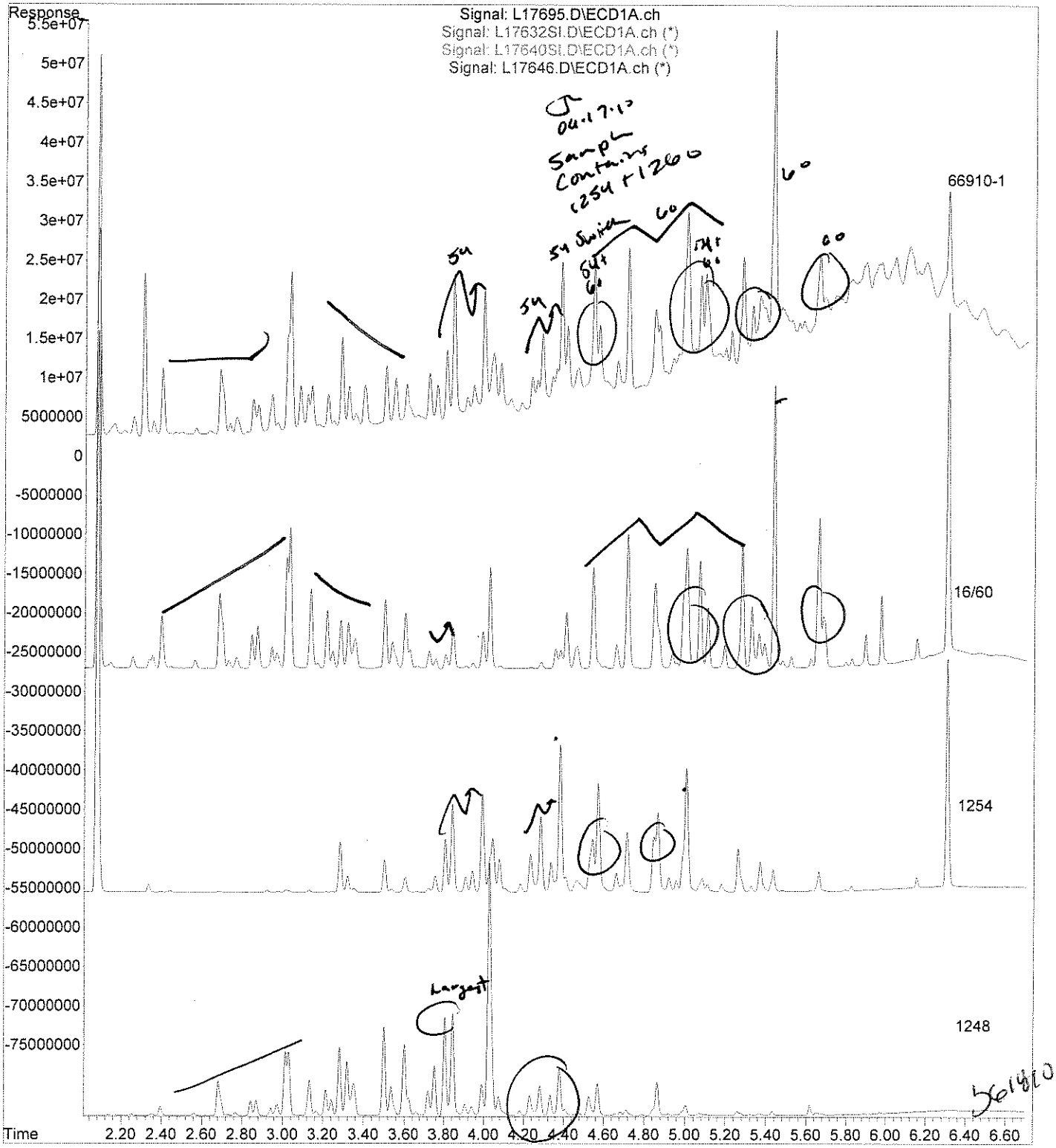
Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

PCB FORM 10

File :C:\msdchem\1\DATA\061410-L\L17695.D
Operator : AR
Acquired : 15 Jun 10 3:39 pm using AcqMethod PEST.M
Instrument : Inst L
Sample Name: 66910-1
Misc Info : SOIL
Vial Number: 63



analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 17, 2010

SAMPLE DATA

Lab Sample ID:	66910-2
Matrix:	Solid
Percent Solid:	99
Dilution Factor:	1.0
Collection Date:	06/08/10
Lab Receipt Date:	06/11/10
Extraction Date:	06/14/10
Analysis Date:	06/15/10

CLIENT SAMPLE ID

Project Name:	AMISTAD ACADEMY
Project Number:	223019
Field Sample ID:	AA-VCS-024

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	**90**
PCB-1260	33	**118**

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	80	%
Decachlorobiphenyl	55	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 66910
Sample: 66910-2
Data File: L17696.D
Dilution Factor: 1.0

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1260	118	94	22.5	
PCB 1254	83	90	8.9	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

PCB FORM 10

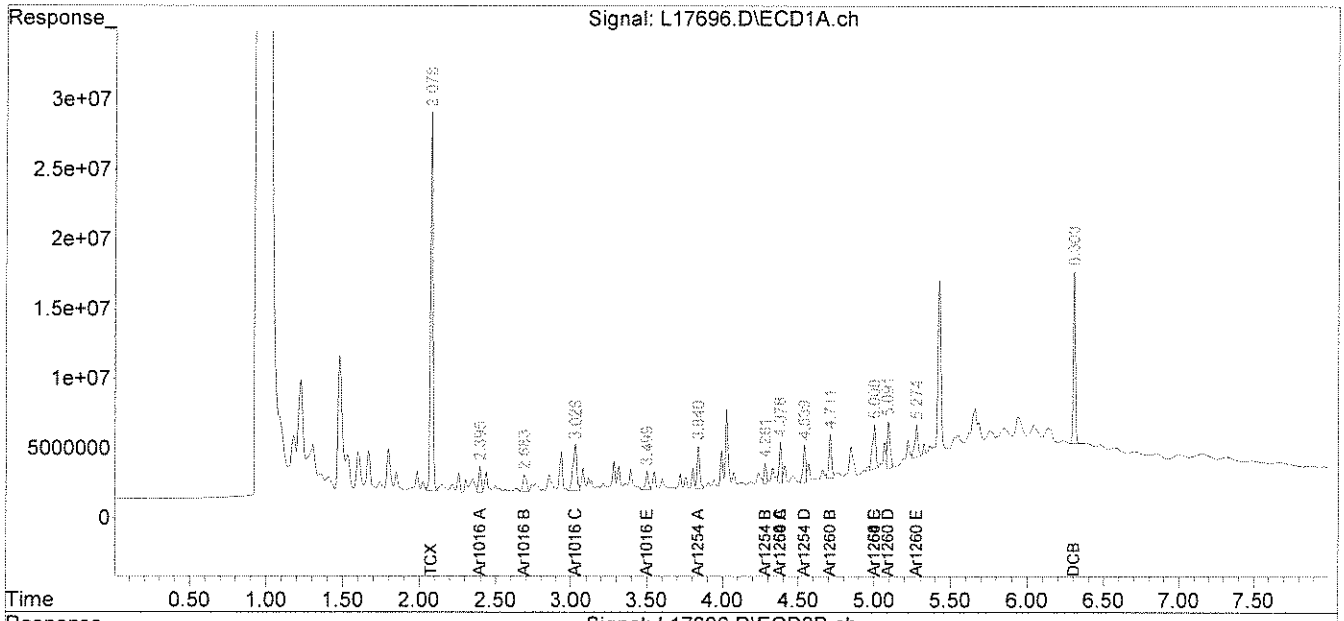
Quantitation Report (QT Reviewed)

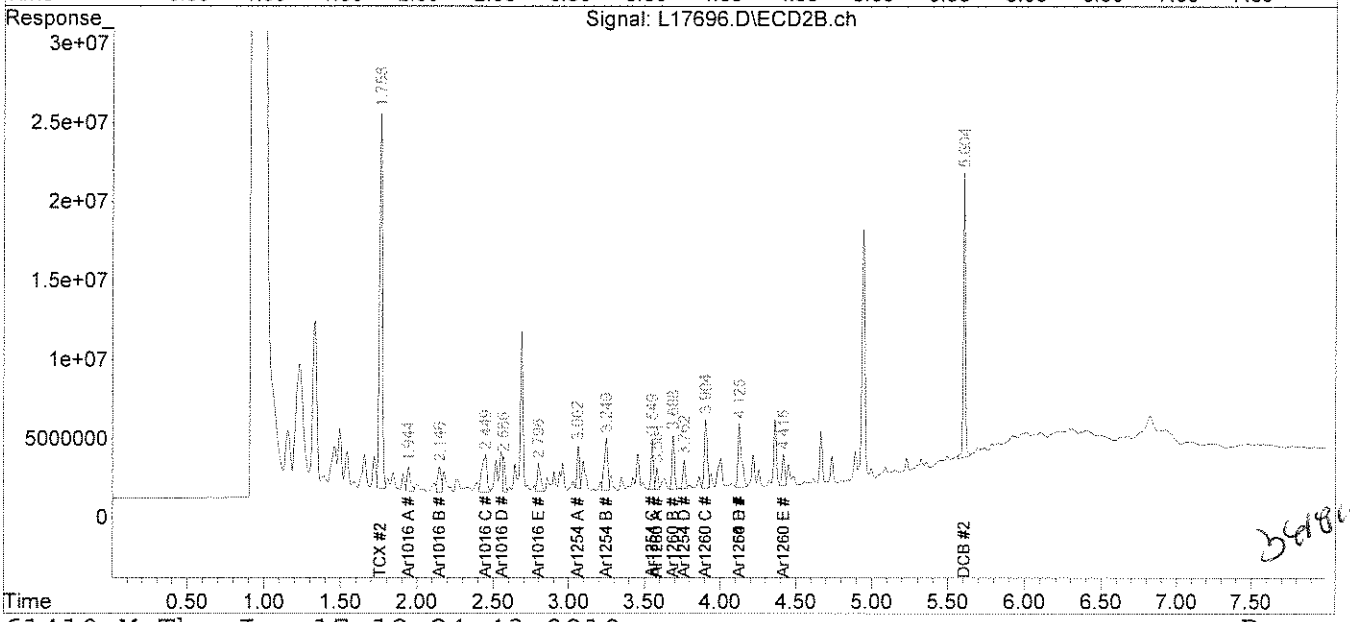
Data Path : C:\msdchem\1\DATA\061410-L\
Data File : L17696.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Jun 10 3:49 pm
Operator : AR
Sample : 66910-2
Misc : SOIL
ALS Vial : 64 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 17 12:24:36 2010
Quant Method : C:\msdchem\1\METHODS\PCB061410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 15 19:47:33 2010
Response via : Initial Calibration
Integrator: ChemStation

06-17-10

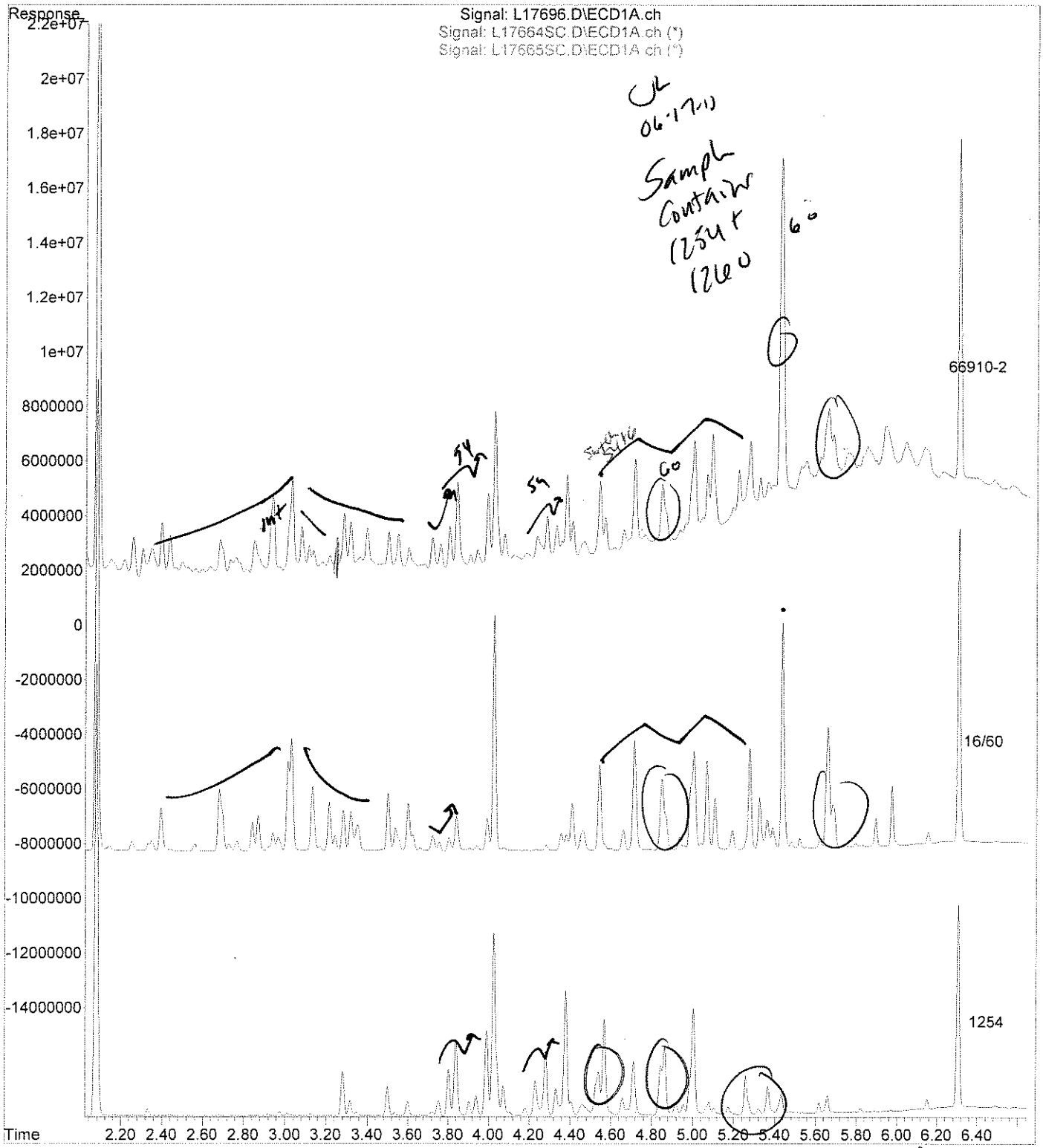
Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





361810

File :C:\msdchem\1\DATA\061410-L\L17696.D
Operator : AR
Acquired : 15 Jun 10 3:49 pm using AcqMethod PEST.M
Instrument : Inst L
Sample Name: 66910-2
Misc Info : SOIL
Vial Number: 64



analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 17, 2010

SAMPLE DATA

Lab Sample ID:	66910-3
Matrix:	Solid
Percent Solid:	99
Dilution Factor:	1.0
Collection Date:	06/08/10
Lab Receipt Date:	06/11/10
Extraction Date:	06/14/10
Analysis Date:	06/15/10

CLIENT SAMPLE ID

Project Name:	AMISTAD ACADEMY
Project Number:	223019
Field Sample ID:	AA-VCS-025

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	**88**
PCB-1260	33	**82**

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	76	%
Decachlorobiphenyl	57	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 66910
Sample: 66910-3
Data File: L17697.D
Dilution Factor: 1.0

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1260	57	82	36.1	
PCB 1254	88	85	2.5	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

PCB FORM 10

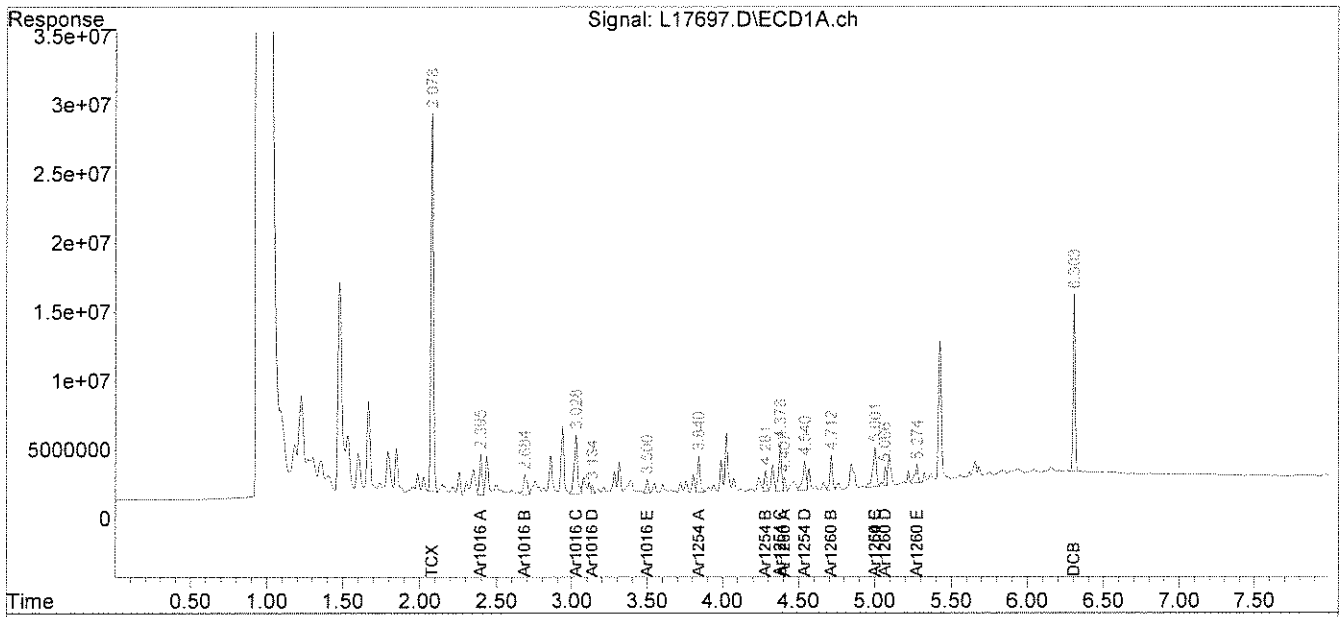
Quantitation Report (Not Reviewed)

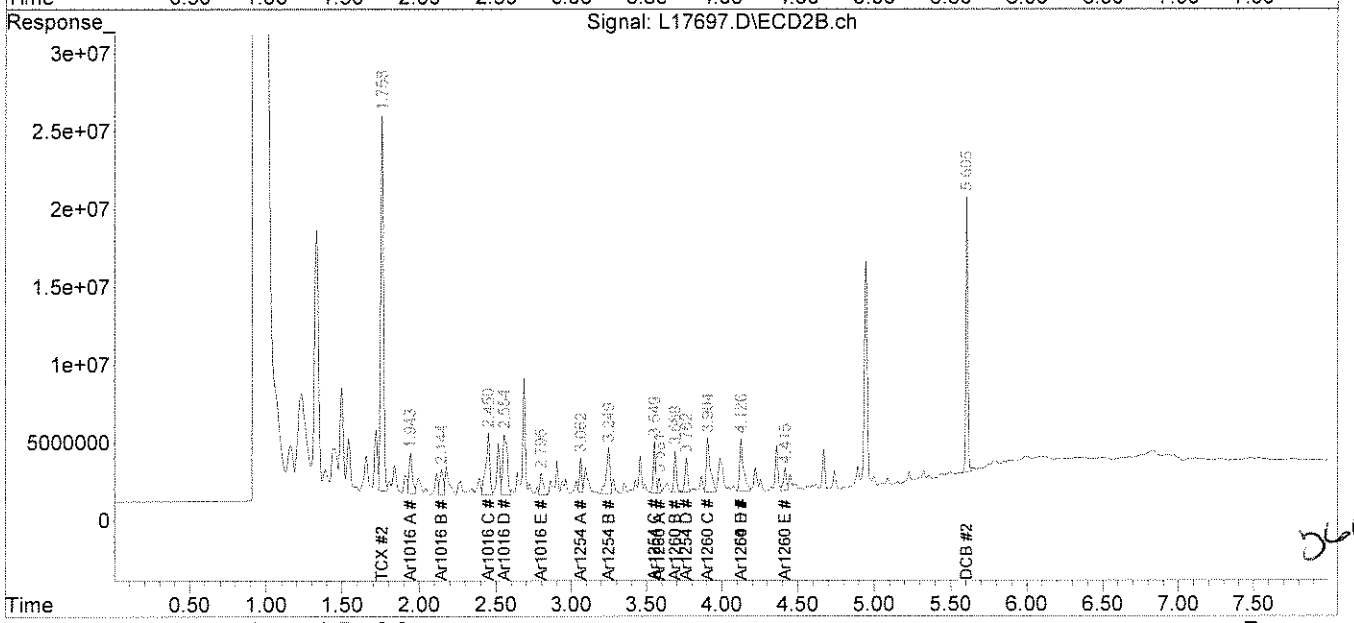
Data Path : C:\msdchem\1\DATA\061410-L\
Data File : L17697.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Jun 10 4:00 pm
Operator : AR
Sample : 66910-3
Misc : SOIL
ALS Vial : 65 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 15 20:00:19 2010
Quant Method : C:\msdchem\1\METHODS\PCB061410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 15 19:47:33 2010
Response via : Initial Calibration
Integrator: ChemStation

JL 06-17-10

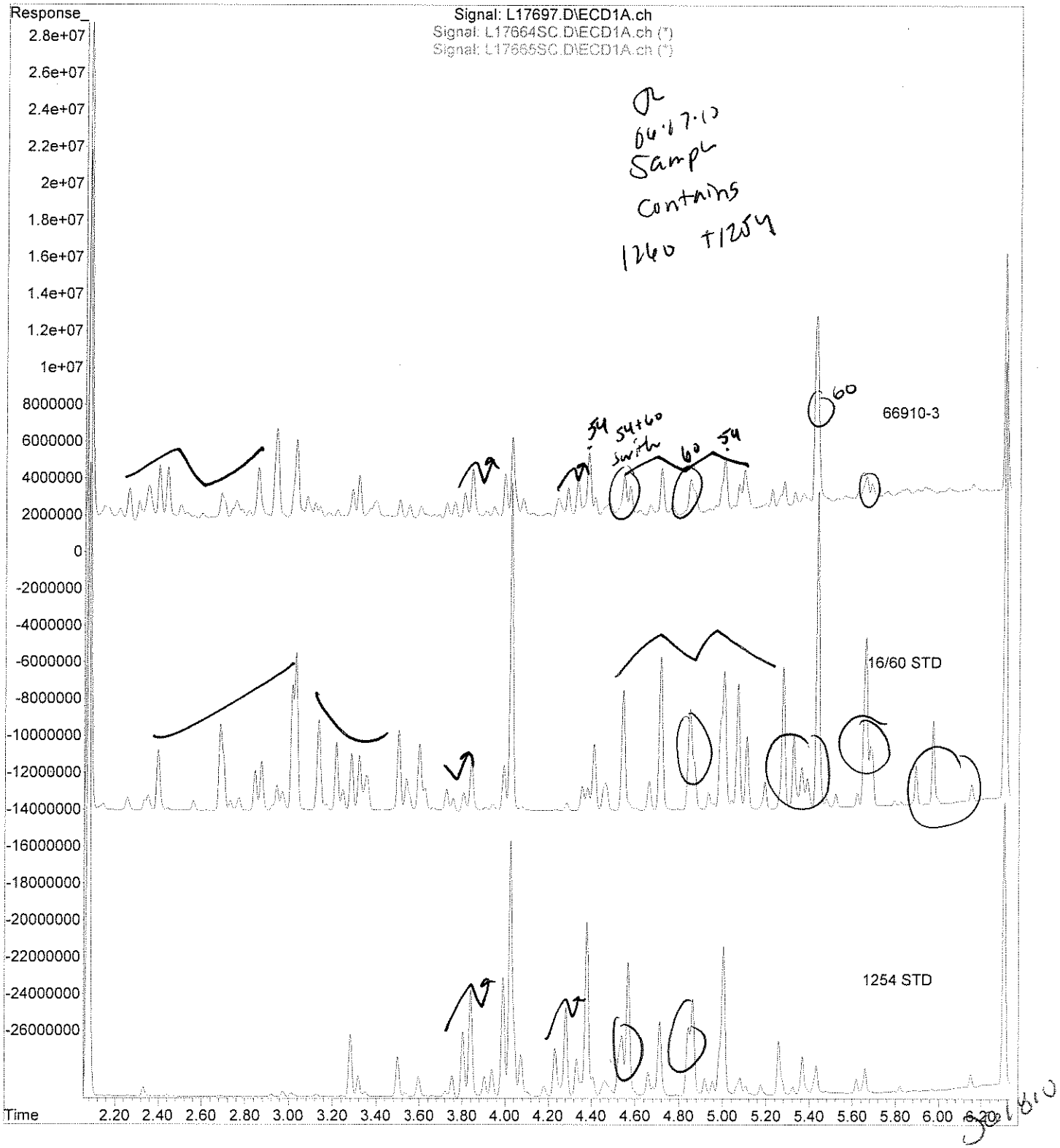
Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





JL 06-17-10

File :C:\msdchem\1\DATA\061410-L\L17697.D
Operator : AR
Acquired : 15 Jun 10 4:00 pm using AcqMethod PEST.M
Instrument : Inst L
Sample Name: 66910-3
Misc Info : SOIL
Vial Number: 65



analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 17, 2010

SAMPLE DATA

Lab Sample ID:	66910-4
Matrix:	Solid
Percent Solid:	98
Dilution Factor:	1.0
Collection Date:	06/08/10
Lab Receipt Date:	06/11/10
Extraction Date:	06/14/10
Analysis Date:	06/15/10

CLIENT SAMPLE ID

Project Name:	AMISTAD ACADEMY
Project Number:	223019
Field Sample ID:	AA-VCS-026

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	**221**
PCB-1260	33	**168**

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	113	%
Decachlorobiphenyl	88	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 66910
Sample: 66910-4
Data File: L17707.D
Dilution Factor: 1.0

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1260	168	166	1.1	
PCB 1254	221	174	23.5	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

PCB FORM 10

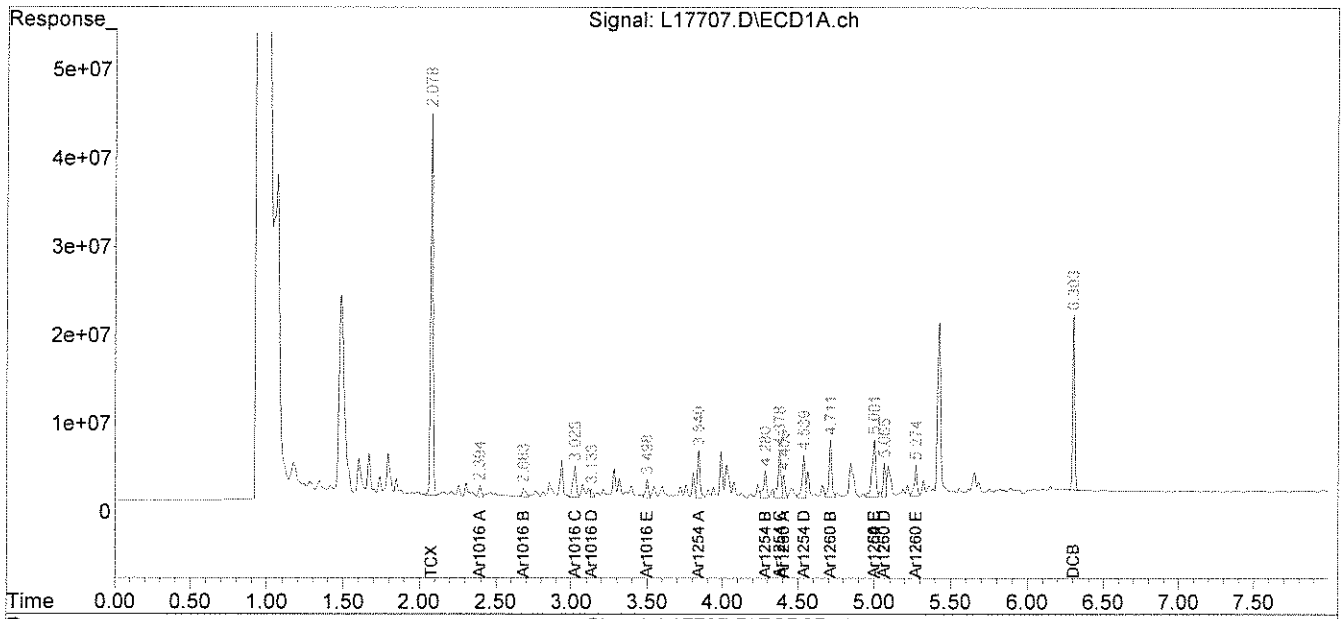
Quantitation Report (Not Reviewed)

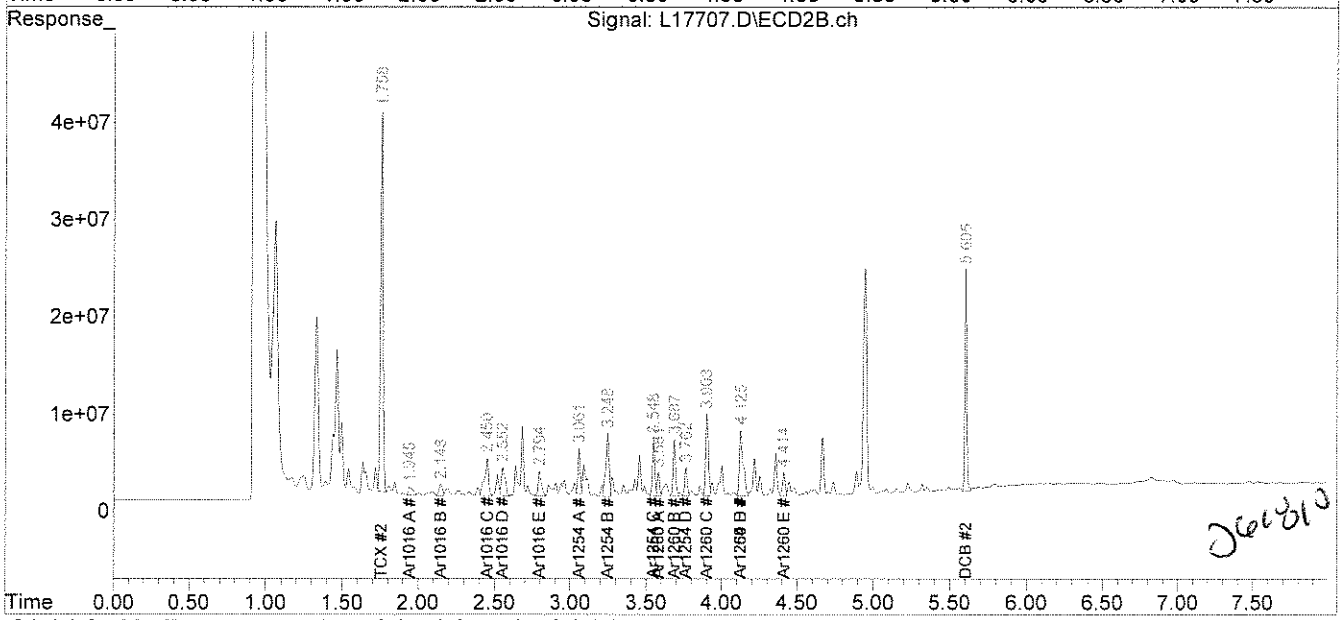
Data Path : C:\msdchem\1\DATA\061410-L\
Data File : L17707.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Jun 10 5:43 pm
Operator : AR
Sample : 66910-4
Misc : SOIL
ALS Vial : 75 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 15 20:00:49 2010
Quant Method : C:\msdchem\1\METHODS\PCB061410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 15 19:47:33 2010
Response via : Initial Calibration
Integrator: ChemStation

JR 06.17.10

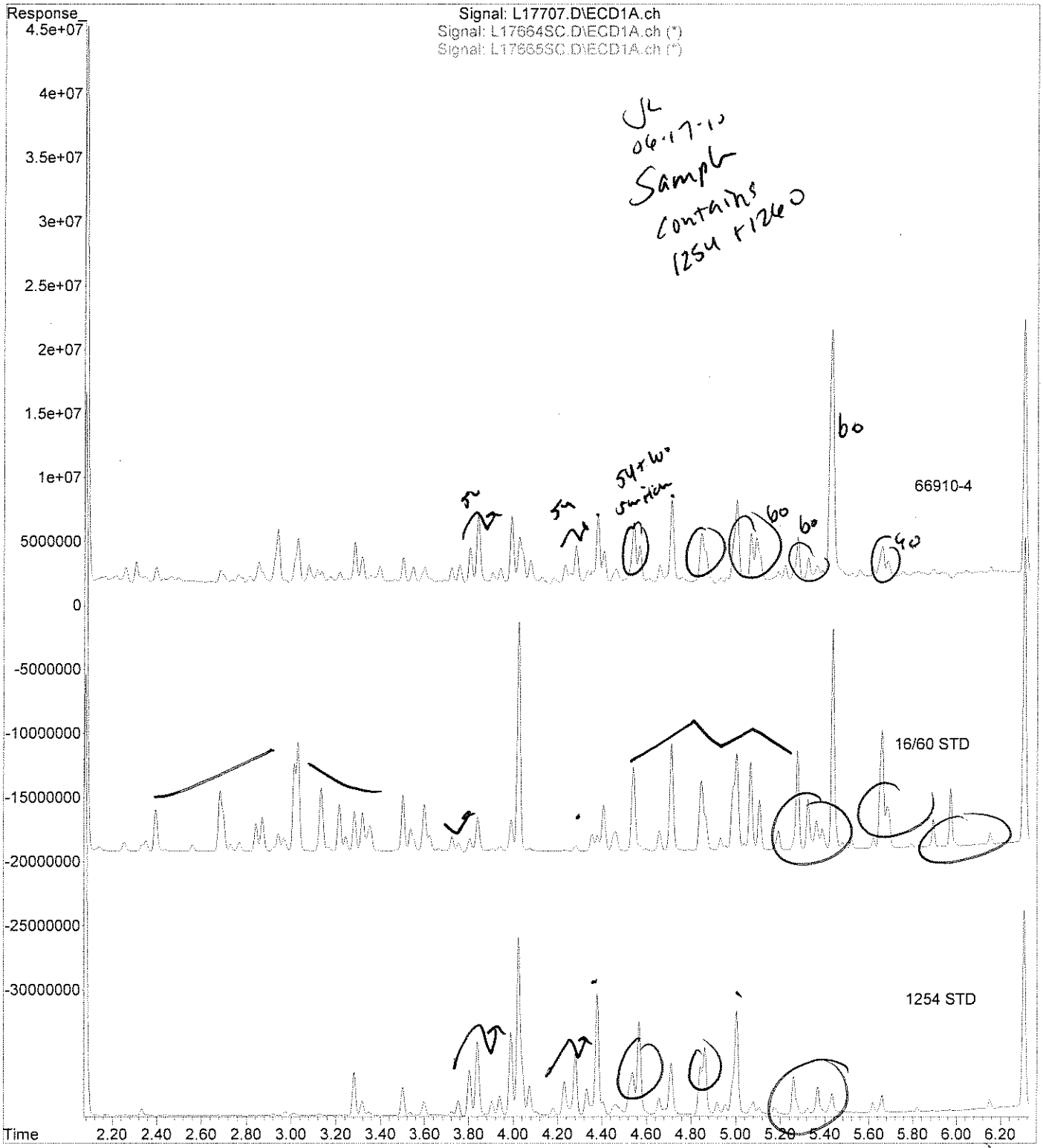
Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





JR 061810

File :C:\msdchem\1\DATA\061410-L\L17707.D
Operator : AR
Acquired : 15 Jun 10 5:43 pm using AcqMethod PEST.M
Instrument : Inst L
Sample Name: 66910-4
Misc Info : SOIL
Vial Number: 75



analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 17, 2010

SAMPLE DATA

Lab Sample ID:	66910-5
Matrix:	Solid
Percent Solid:	98
Dilution Factor:	1.0
Collection Date:	06/08/10
Lab Receipt Date:	06/11/10
Extraction Date:	06/14/10
Analysis Date:	06/15/10

CLIENT SAMPLE ID

Project Name:	AMISTAD ACADEMY
Project Number:	223019
Field Sample ID:	AA-VCS-027

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	**35**
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	126	%
Decachlorobiphenyl	97	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 66910
Sample: 66910-5
Data File: L17708.D
Dilution Factor: 1.0

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	34	35	1.3	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

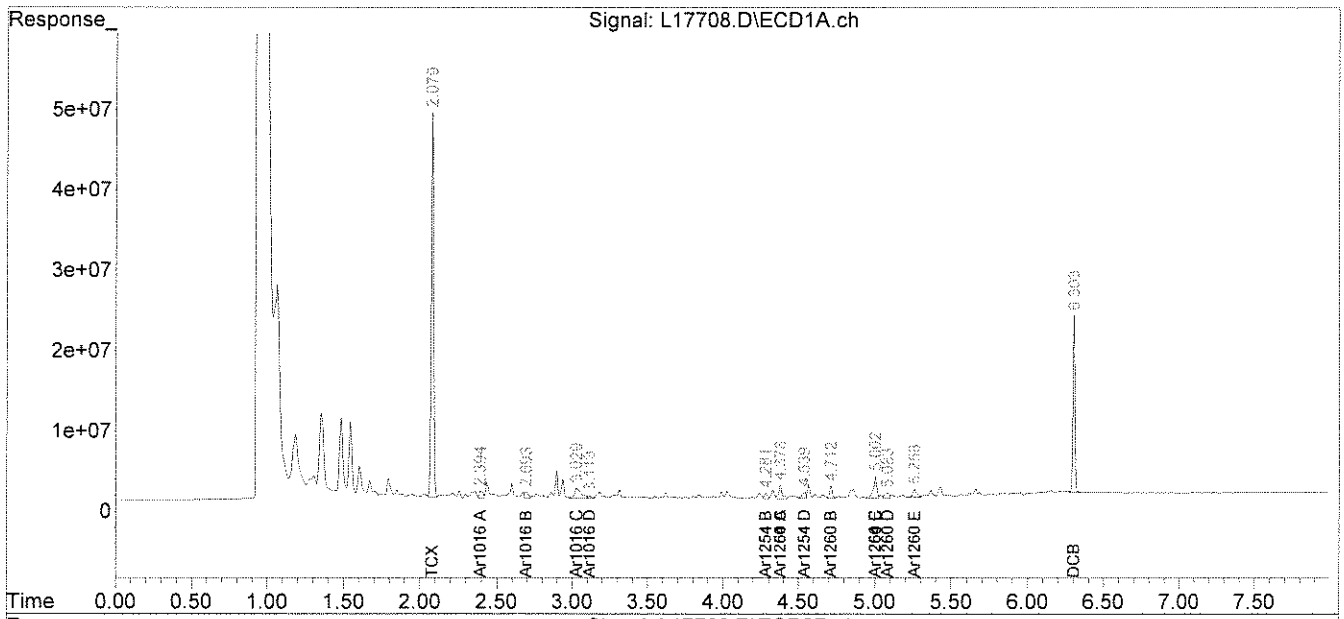
PCB FORM 10

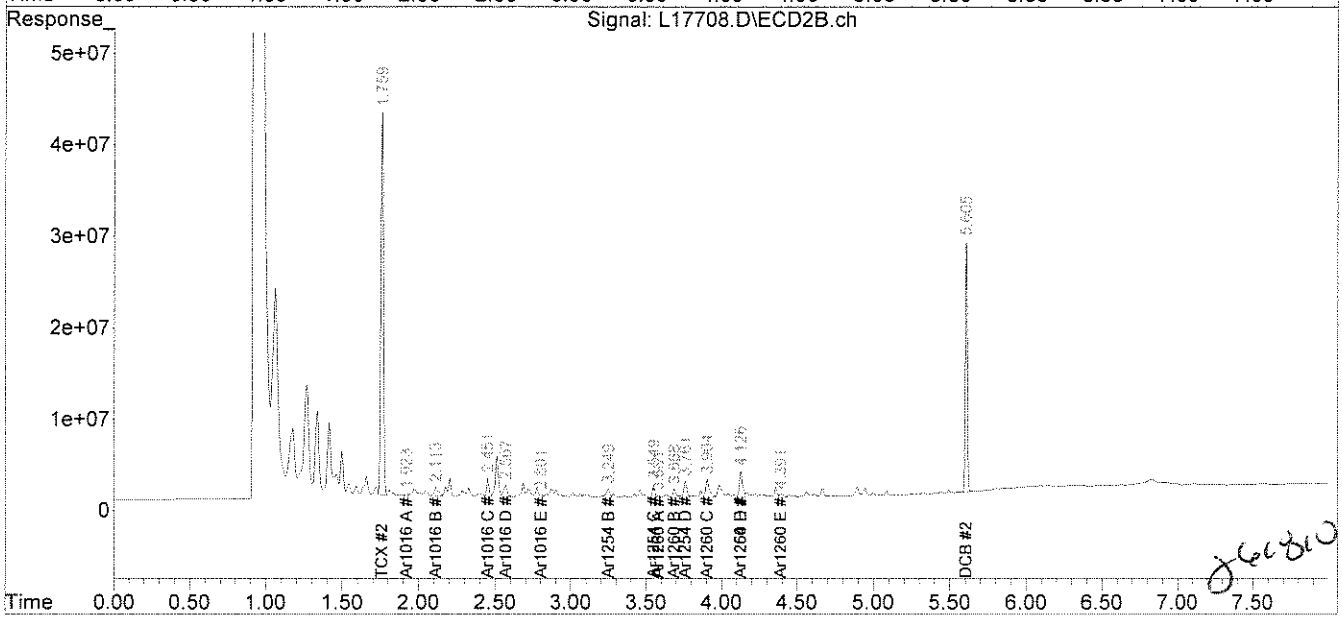
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\061410-L\
Data File : L17708.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Jun 10 5:54 pm
Operator : AR
Sample : 66910-5
Misc : SOIL
ALS Vial : 76 Sample Multiplier: 1

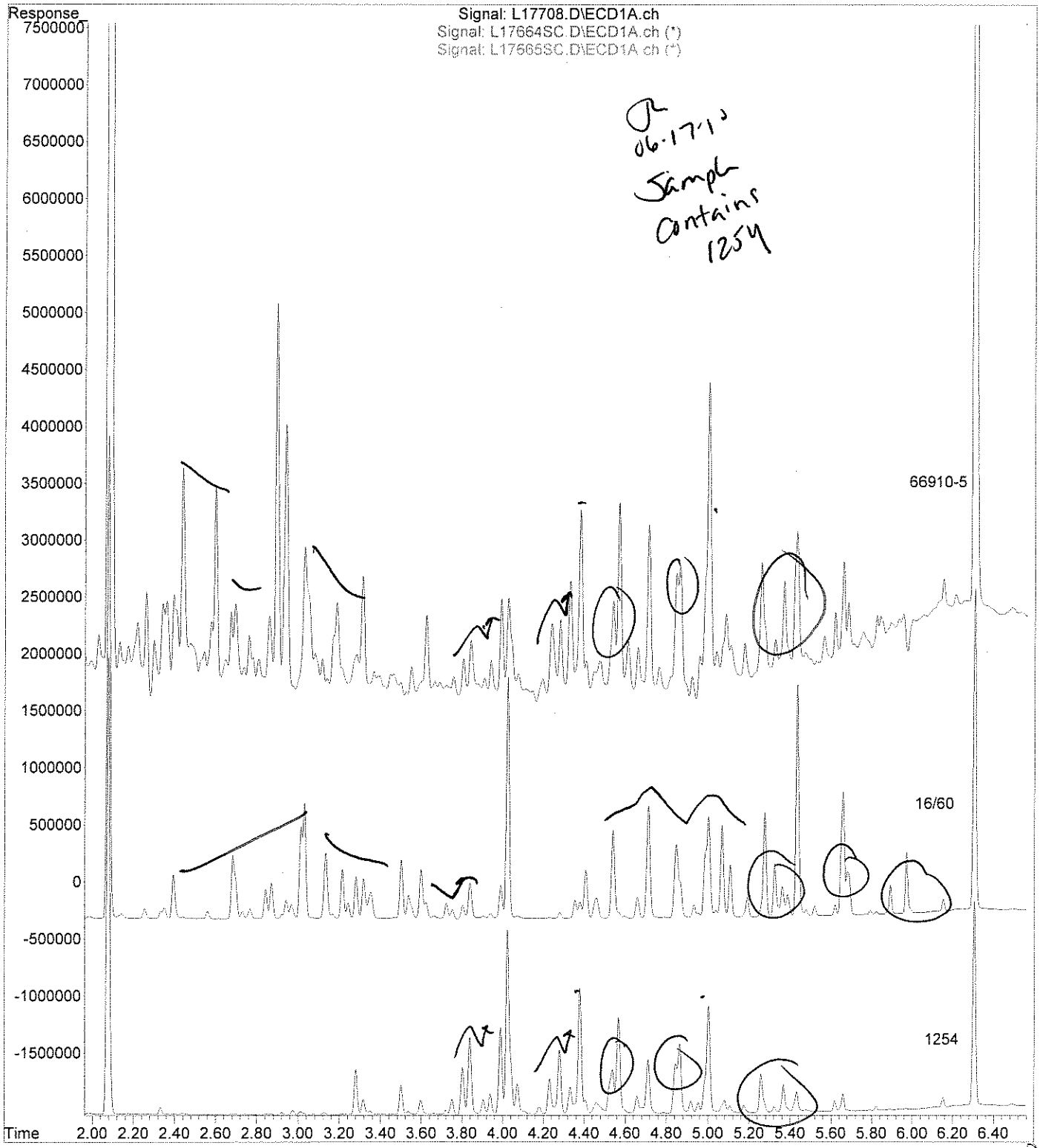
Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 15 20:00:52 2010
Quant Method : C:\msdchem\1\METHODS\PCB061410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 15 19:47:33 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





File :C:\msdchem\1\DATA\061410-L\L17708.D
Operator : AR
Acquired : 15 Jun 10 5:54 pm using AcqMethod PEST.M
Instrument : Inst L
Sample Name: 66910-5
Misc Info : SOIL
Vial Number: 76



analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 17, 2010

SAMPLE DATA

Lab Sample ID:	66910-6
Matrix:	Solid
Percent Solid:	98
Dilution Factor:	1.0
Collection Date:	06/08/10
Lab Receipt Date:	06/11/10
Extraction Date:	06/14/10
Analysis Date:	06/15/10

CLIENT SAMPLE ID

Project Name:	AMISTAD ACADEMY
Project Number:	223019
Field Sample ID:	AA-VCS-028

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	**51**
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	77	%
Decachlorobiphenyl	52	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 66910
Sample: 66910-6
Data File: L17698.D
Dilution Factor: 1.0

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	40	51	22.7	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

PCB FORM 10

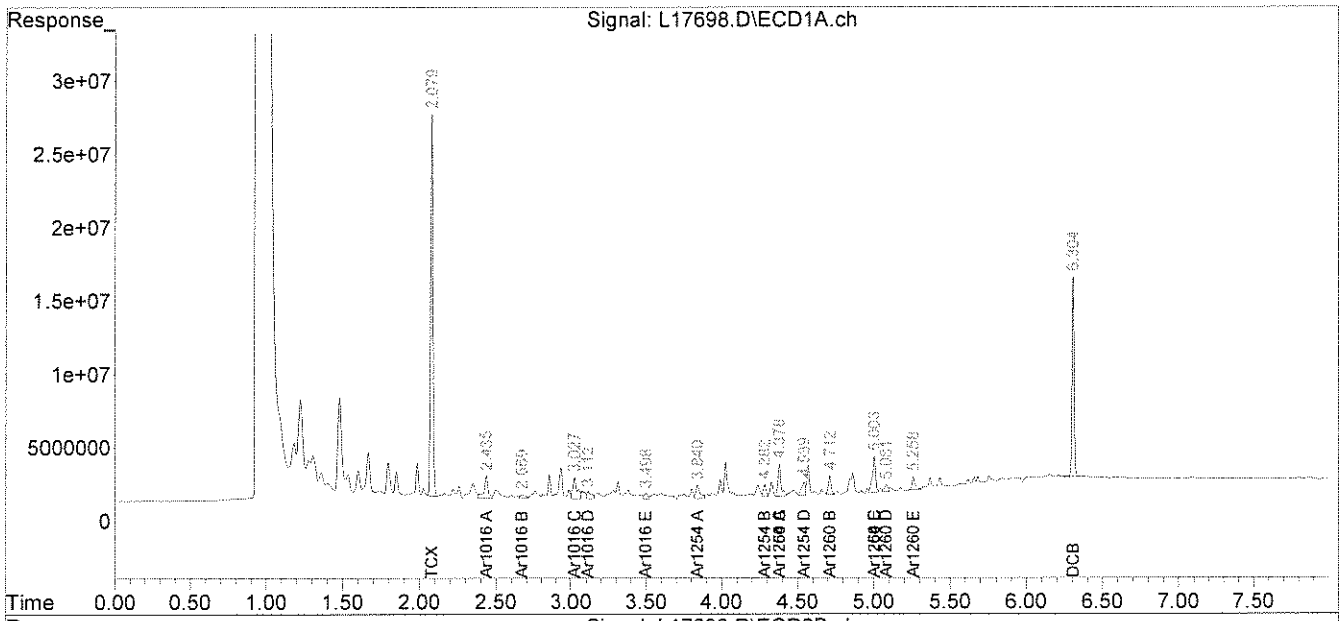
Quantitation Report (Not Reviewed)

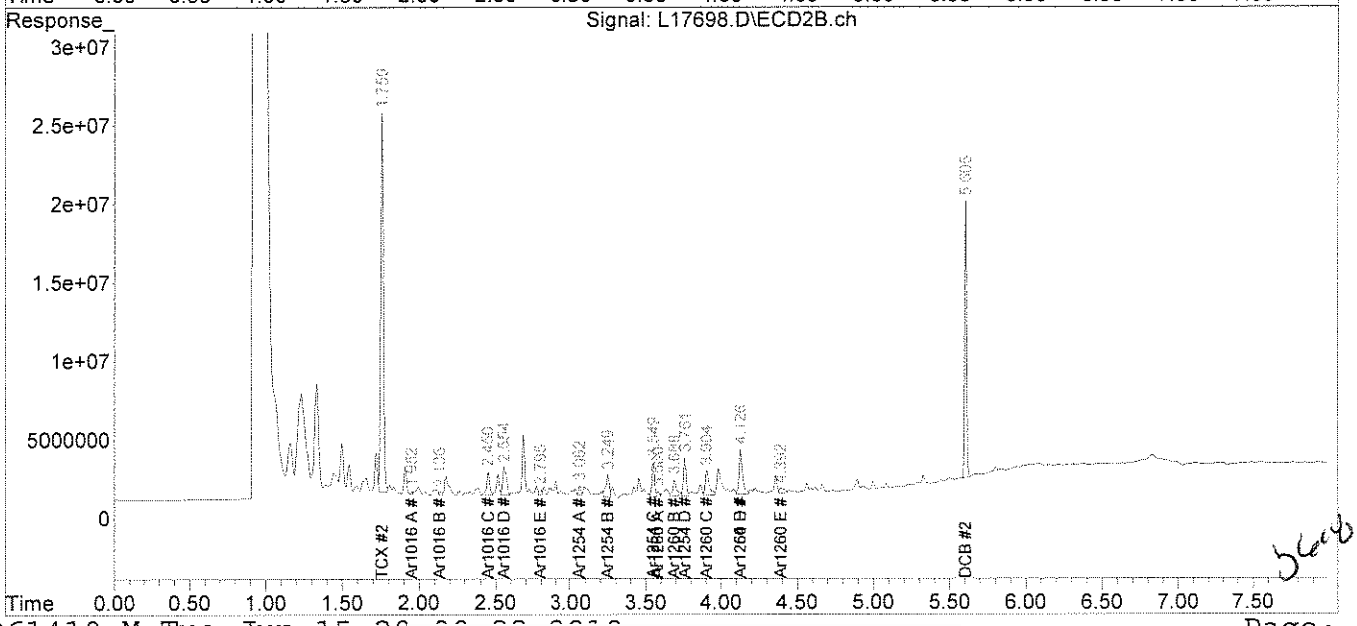
Data Path : C:\msdchem\1\DATA\061410-L\
Data File : L17698.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Jun 10 4:10 pm
Operator : AR
Sample : 66910-6
Misc : SOIL
ALS Vial : 66 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 15 20:00:22 2010
Quant Method : C:\msdchem\1\METHODS\PCB061410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 15 19:47:33 2010
Response via : Initial Calibration
Integrator: ChemStation

JL 06.17.10

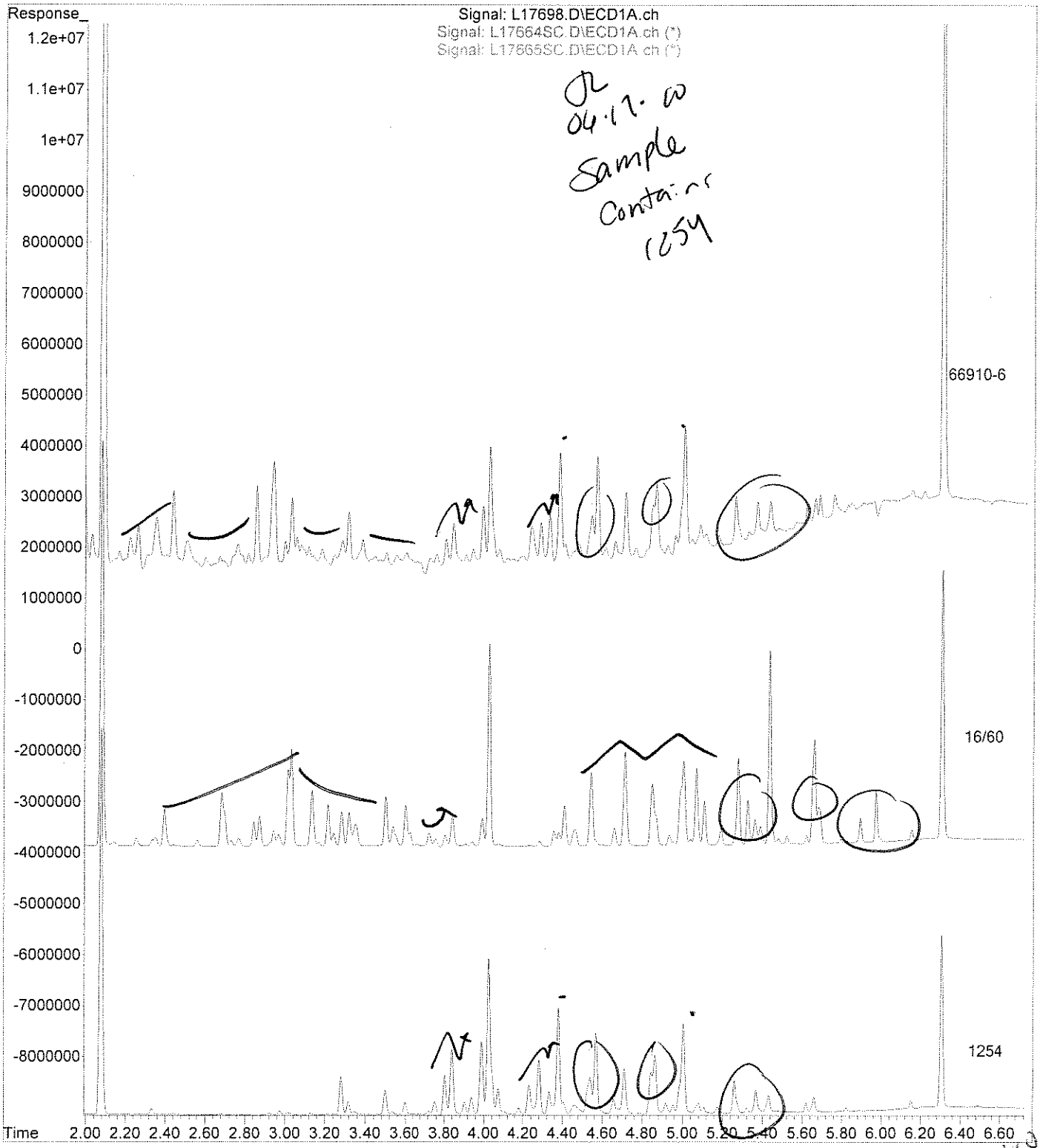
Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





3/6/10

File :C:\msdchem\1\DATA\061410-L\L17698.D
Operator : AR
Acquired : 15 Jun 10 4:10 pm using AcqMethod PEST.M
Instrument : Inst L
Sample Name: 66910-6
Misc Info : SOIL
Vial Number: 66



analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 17, 2010

SAMPLE DATA

Lab Sample ID:	66910-7
Matrix:	Solid
Percent Solid:	99
Dilution Factor:	1.0
Collection Date:	06/09/10
Lab Receipt Date:	06/11/10
Extraction Date:	06/14/10
Analysis Date:	06/15/10

CLIENT SAMPLE ID

Project Name:	AMISTAD ACADEMY
Project Number:	223019
Field Sample ID:	AA-VCS-029

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	**263**
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	62	%
Decachlorobiphenyl	44	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 66910
Sample: 66910-7
Data File: L17699.D
Dilution Factor: 1.0

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	263	255	2.8	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

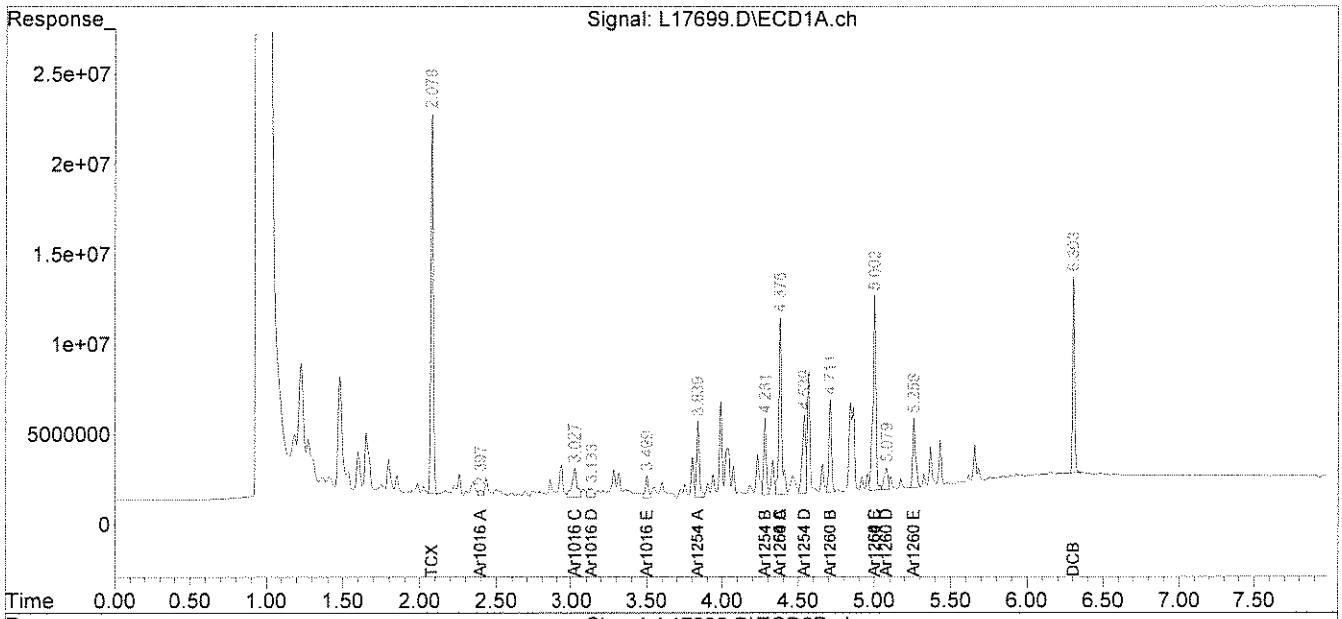
Comments: _____

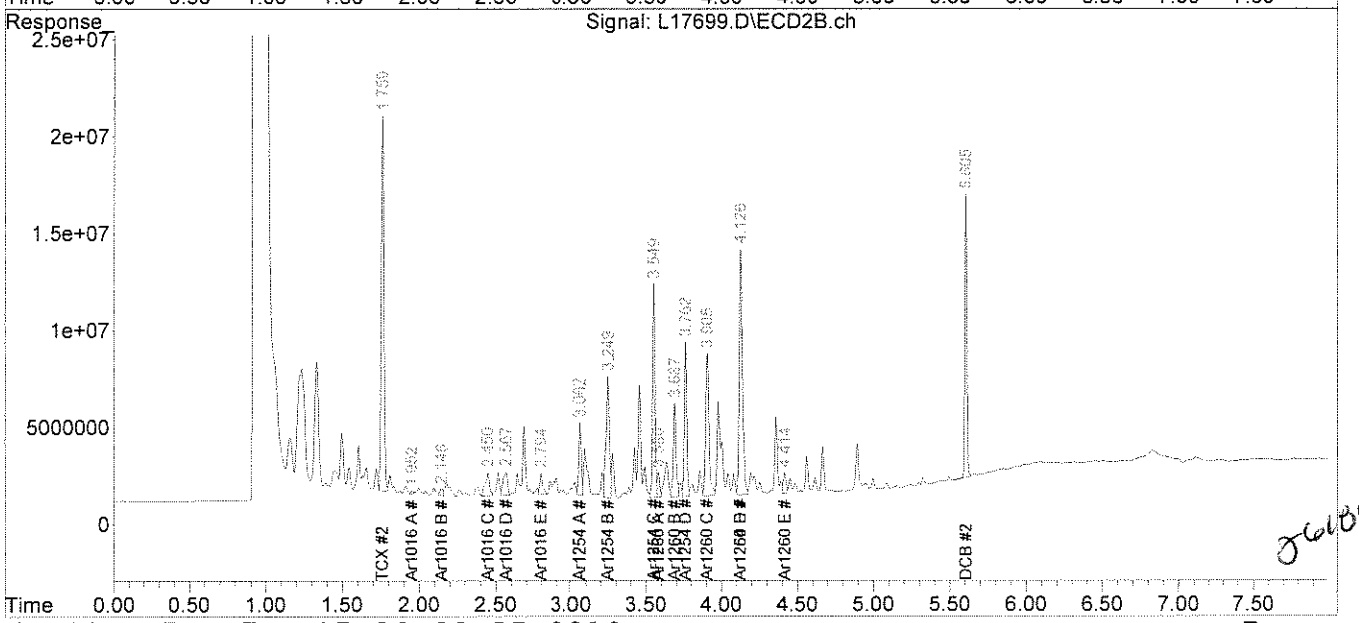
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\061410-L\
Data File : L17699.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Jun 10 4:20 pm
Operator : AR
Sample : 66910-7
Misc : SOIL
ALS Vial : 67 Sample Multiplier: 1

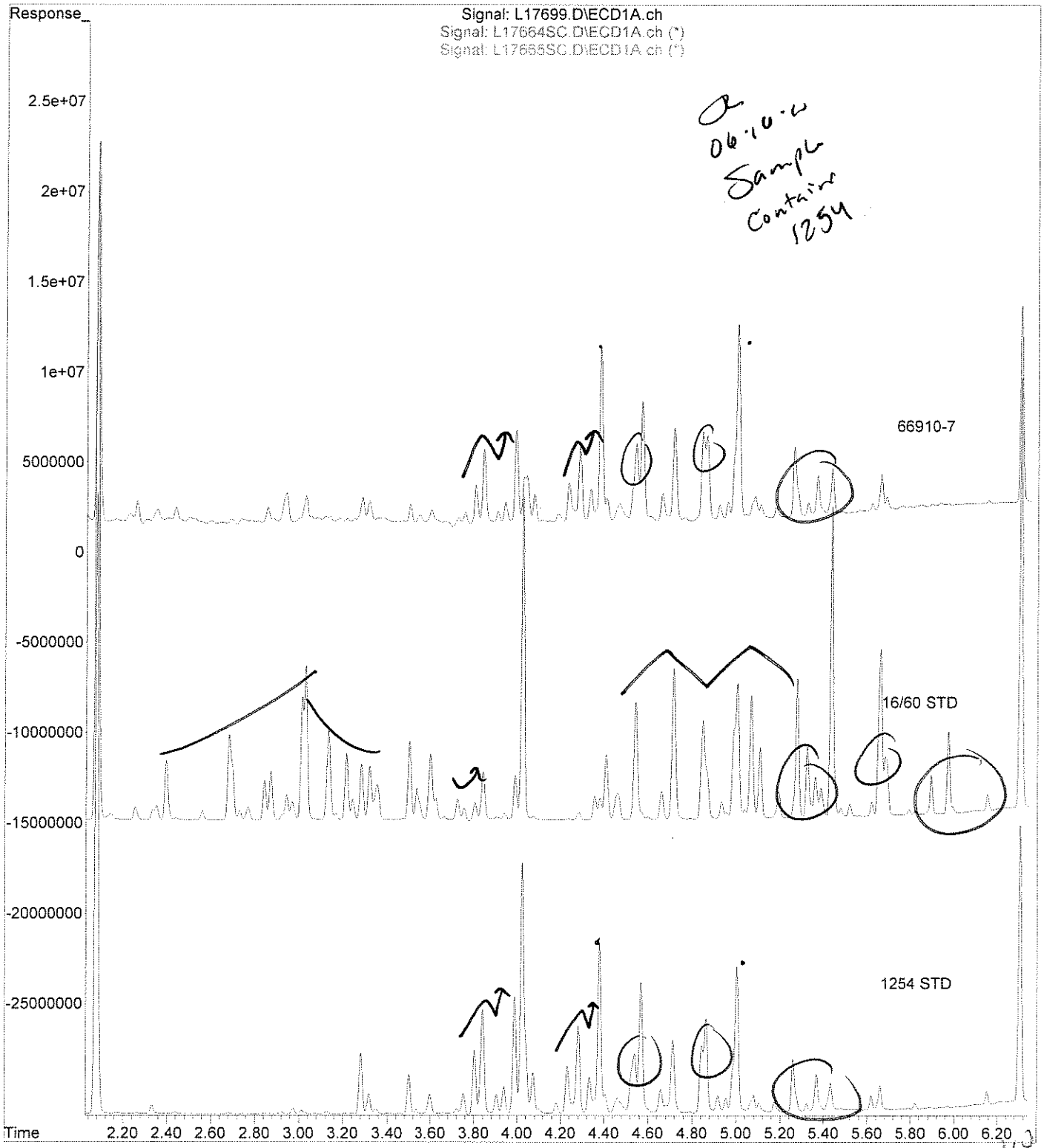
Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 15 20:00:25 2010
Quant Method : C:\msdchem\1\METHODS\PCB061410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 15 19:47:33 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





File :C:\msdchem\1\DATA\061410-L\L17699.D
Operator : AR
Acquired : 15 Jun 10 4:20 pm using AcqMethod PEST.M
Instrument : Inst L
Sample Name: 66910-7
Misc Info : SOIL
Vial Number: 67



analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 18, 2010

SAMPLE DATA

Lab Sample ID:	66910-8
Matrix:	Solid
Percent Solid:	99
Dilution Factor:	1.0
Collection Date:	06/09/10
Lab Receipt Date:	06/11/10
Extraction Date:	06/14/10
Analysis Date:	06/15/10

CLIENT SAMPLE ID

Project Name:	AMISTAD ACADEMY
Project Number:	223019
Field Sample ID:	AA-VCS-030

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	75	%
Decachlorobiphenyl	55	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

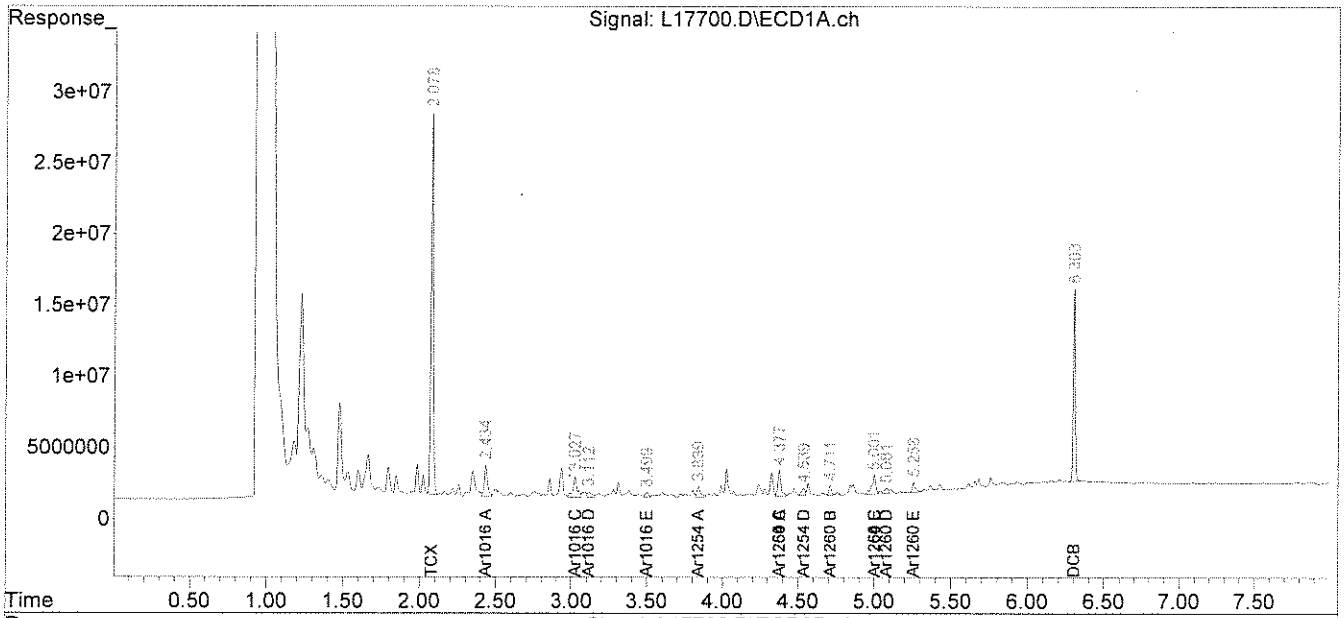
Authorized signature

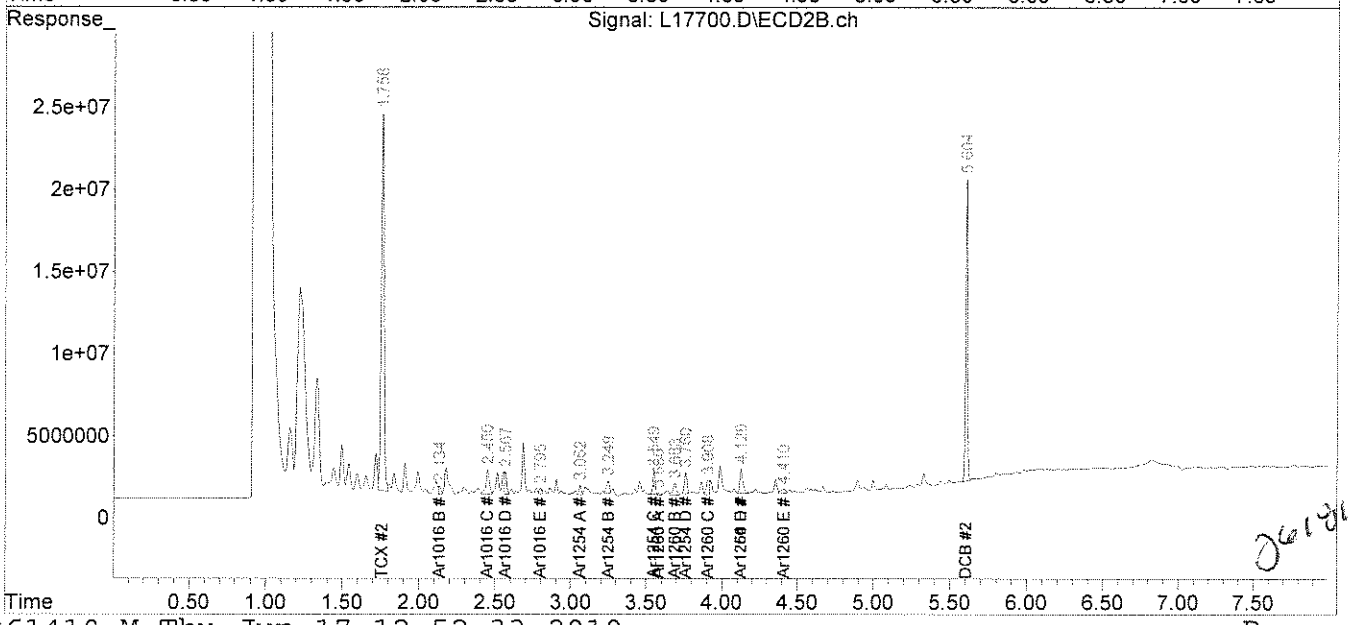
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\061410-L\
Data File : L17700.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Jun 10 4:31 pm
Operator : AR
Sample : 66910-8
Misc : SOIL
ALS Vial : 68 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 17 12:49:54 2010
Quant Method : C:\msdchem\1\METHODS\PCB061410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 15 19:47:33 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 18, 2010

SAMPLE DATA

Lab Sample ID:	66910-9
Matrix:	Solid
Percent Solid:	99
Dilution Factor:	1.0
Collection Date:	06/09/10
Lab Receipt Date:	06/11/10
Extraction Date:	06/14/10
Analysis Date:	06/15/10

CLIENT SAMPLE ID

Project Name:	AMISTAD ACADEMY
Project Number:	223019
Field Sample ID:	AA-VCS-031

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	78	%
Decachlorobiphenyl	57	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

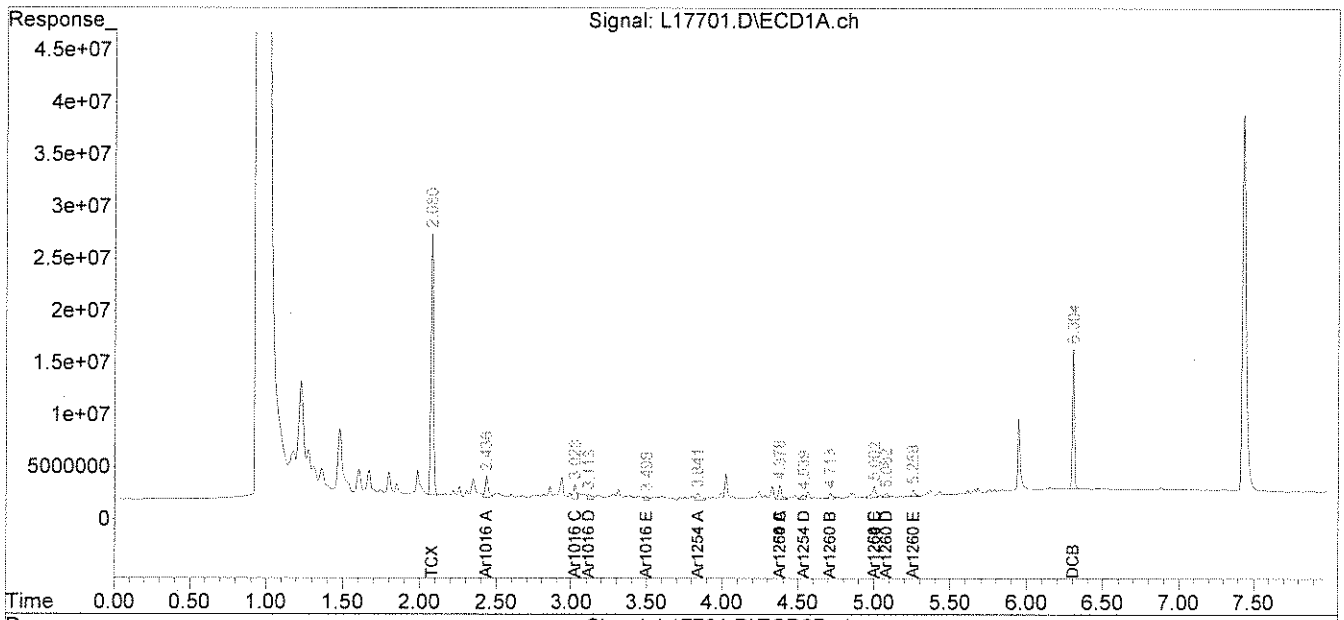
Authorized signature

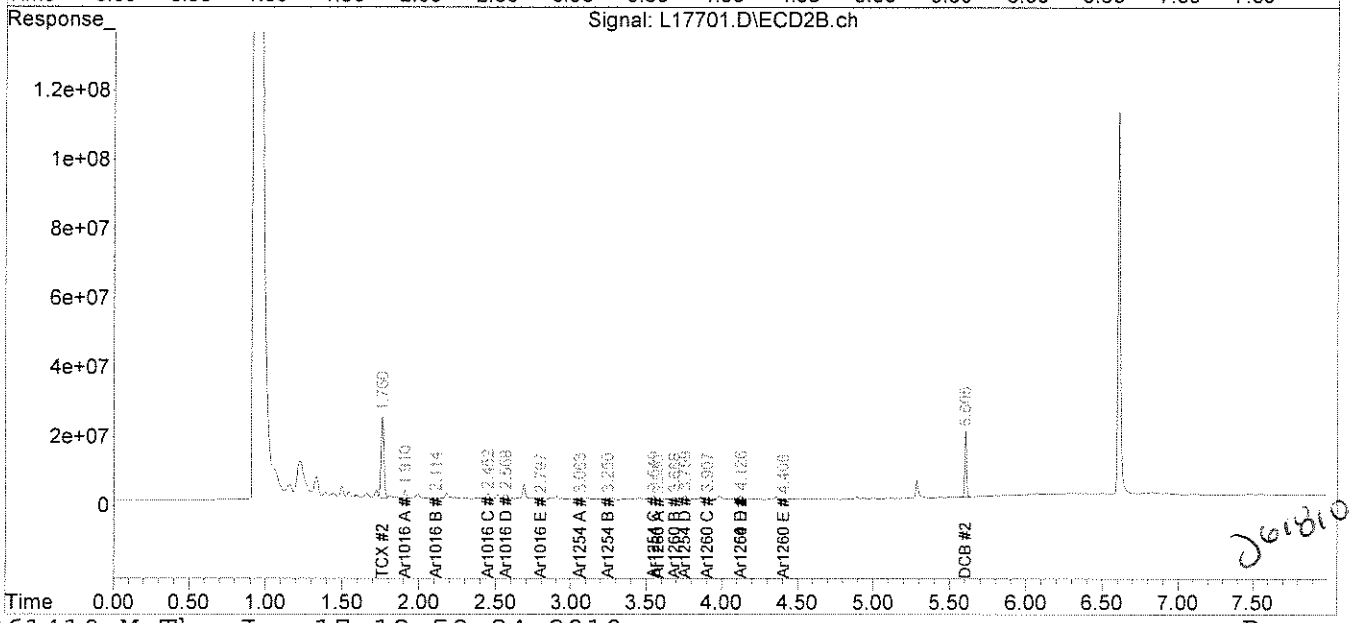
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\061410-L\
Data File : L17701.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Jun 10 4:41 pm
Operator : AR
Sample : 66910-9
Misc : SOIL
ALS Vial : 69 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 17 12:58:17 2010
Quant Method : C:\msdchem\1\METHODS\PCB061410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 15 19:47:33 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 17, 2010

SAMPLE DATA

Lab Sample ID:	66910-10
Matrix:	Solid
Percent Solid:	99
Dilution Factor:	1.0
Collection Date:	06/09/10
Lab Receipt Date:	06/11/10
Extraction Date:	06/14/10
Analysis Date:	06/15/10

CLIENT SAMPLE ID

Project Name:	AMISTAD ACADEMY
Project Number:	223019
Field Sample ID:	AA-VCS-032

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	**469**
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	69	%
Decachlorobiphenyl	60	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 66910
Sample: 66910-10
Data File: L17702.D
Dilution Factor: 1.0

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	469	360	26.4	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

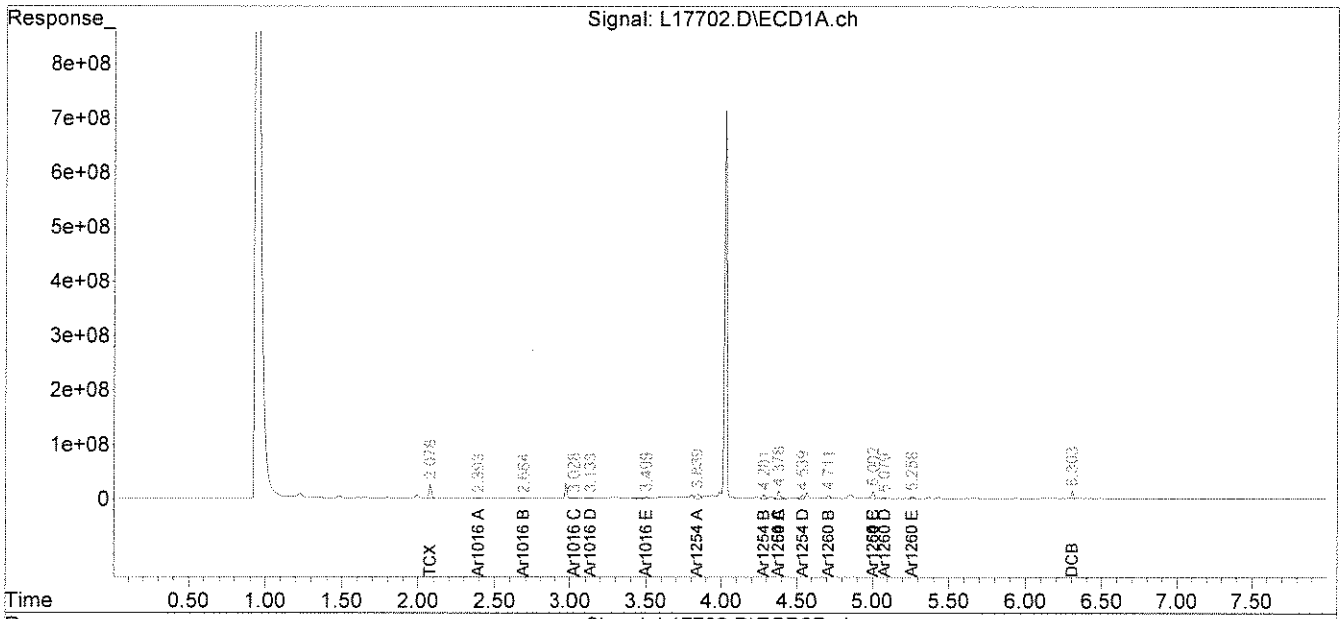
Comments: _____

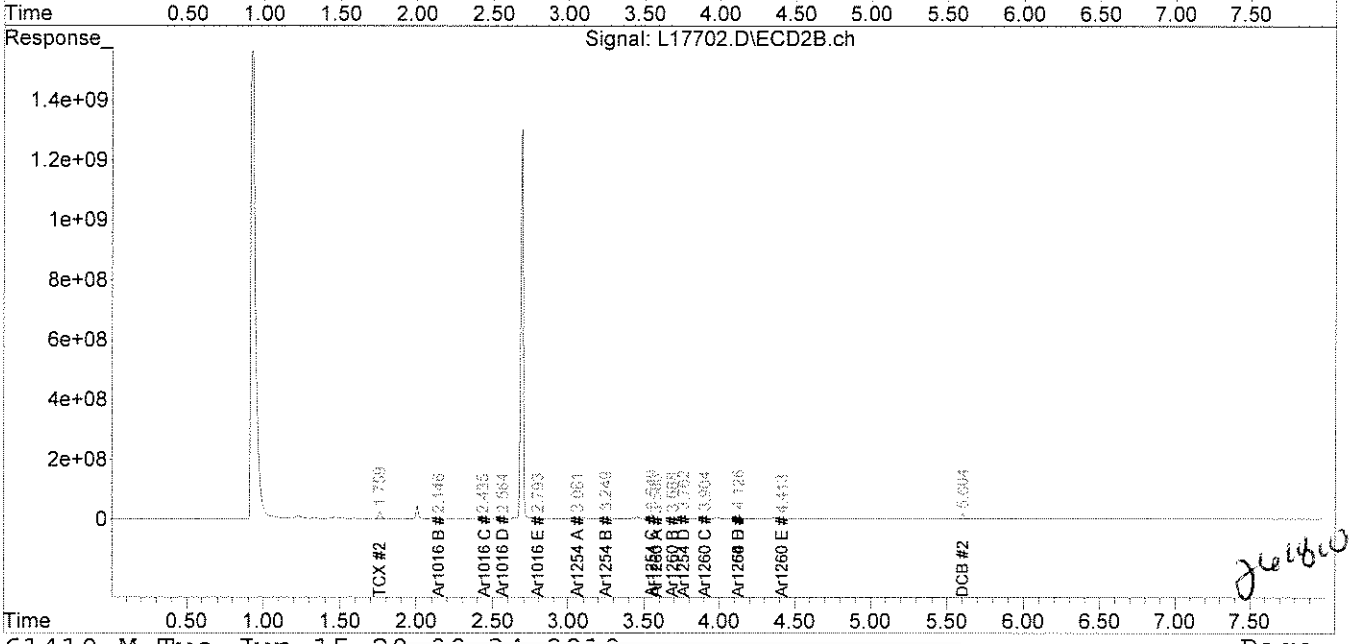
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\061410-L\
Data File : L17702.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Jun 10 4:51 pm
Operator : AR
Sample : 66910-10
Misc : SOIL
ALS Vial : 70 Sample Multiplier: 1

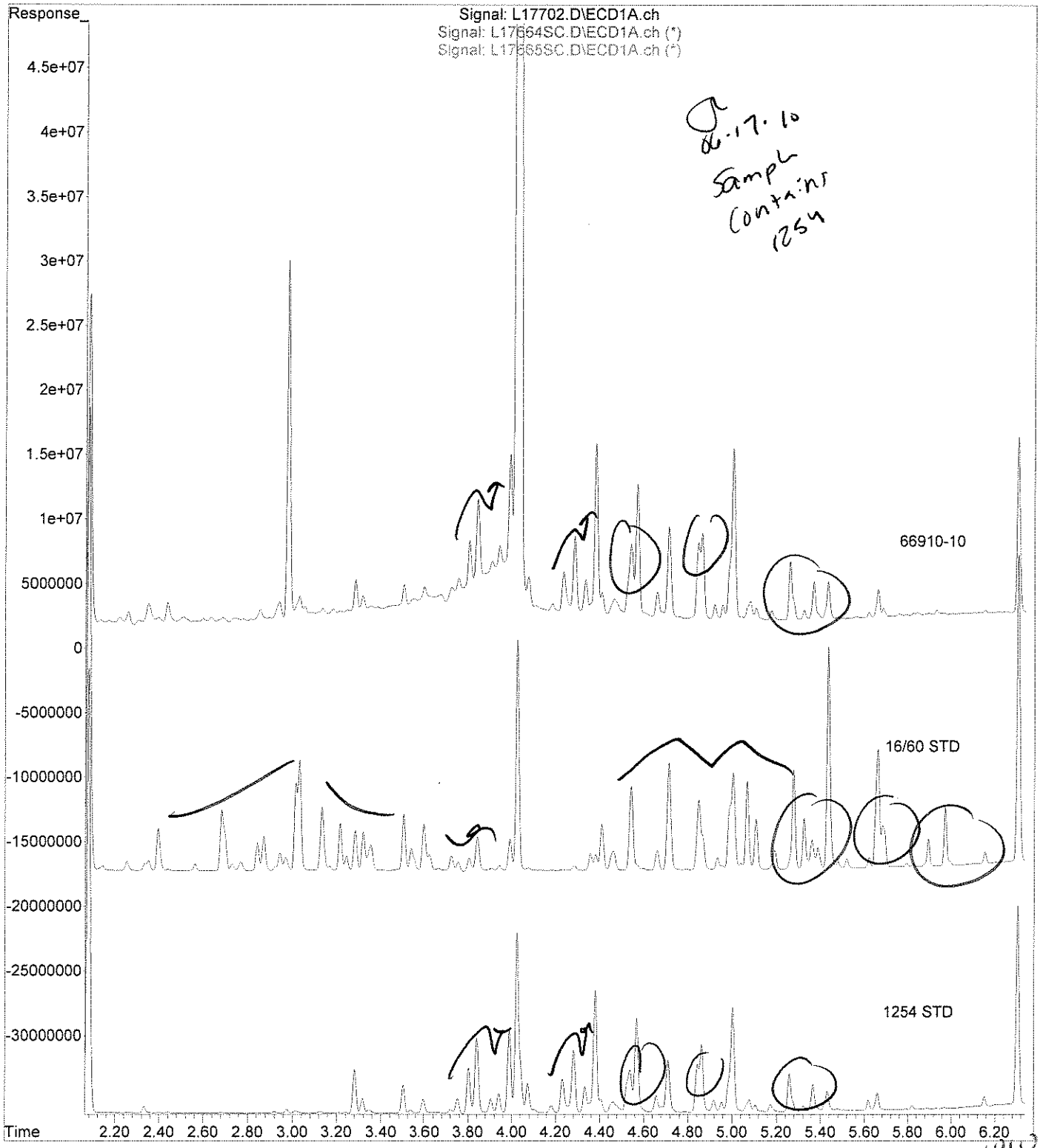
Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 15 20:00:34 2010
Quant Method : C:\msdchem\1\METHODS\PCB061410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 15 19:47:33 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





File :C:\msdchem\1\DATA\061410-L\L17702.D
Operator : AR
Acquired : 15 Jun 10 4:51 pm using AcqMethod PEST.M
Instrument : Inst L
Sample Name: 66910-10
Misc Info : SOIL
Vial Number: 70



analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 17, 2010

SAMPLE DATA

Lab Sample ID:	66910-11
Matrix:	Solid
Percent Solid:	99
Dilution Factor:	1.0
Collection Date:	06/09/10
Lab Receipt Date:	06/11/10
Extraction Date:	06/14/10
Analysis Date:	06/15/10

CLIENT SAMPLE ID

Project Name:	AMISTAD ACADEMY
Project Number:	223019
Field Sample ID:	AA-VCS-033

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	**250**
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	72	%
Decachlorobiphenyl	65	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 66910
Sample: 66910-11
Data File: L17703.D
Dilution Factor: 1.0

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	250	248	0.9	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

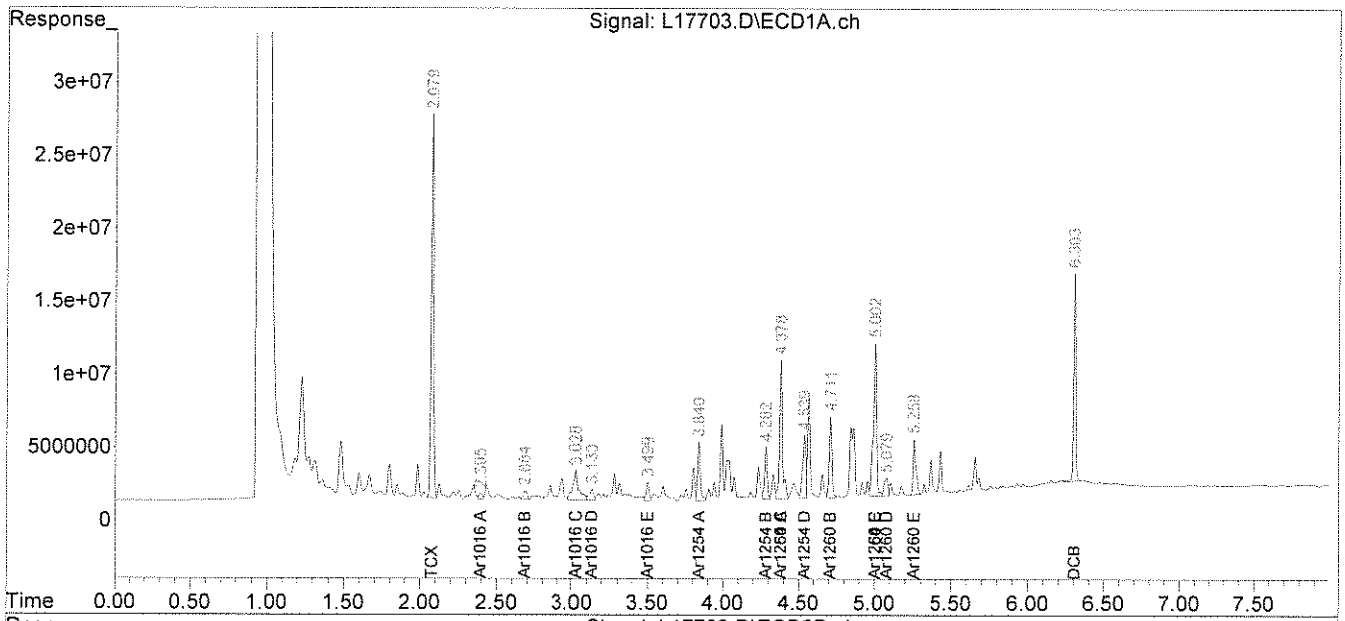
PCB FORM 10

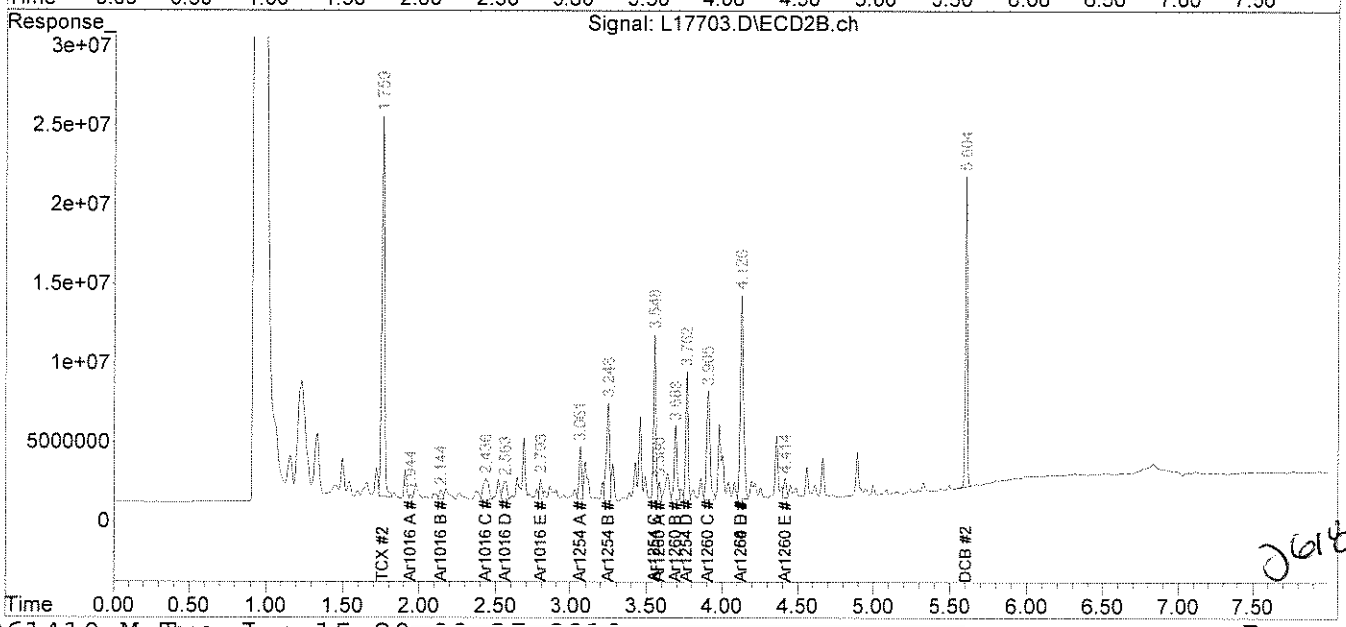
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\061410-L\
Data File : L17703.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Jun 10 5:02 pm
Operator : AR
Sample : 66910-11
Misc : SOIL
ALS Vial : 71 Sample Multiplier: 1

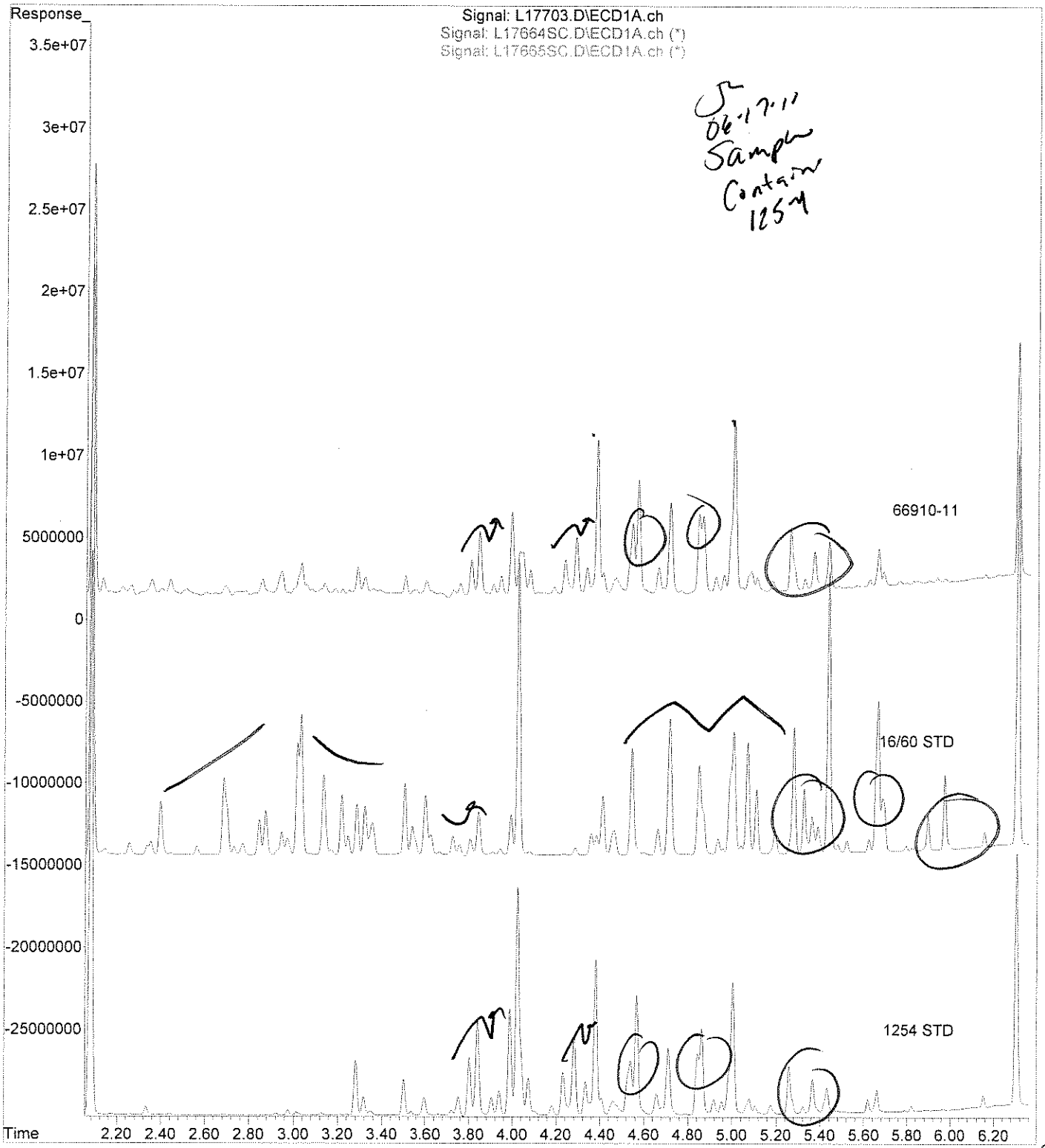
Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 15 20:00:37 2010
Quant Method : C:\msdchem\1\METHODS\PCB061410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 15 19:47:33 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





File :C:\msdchem\1\DATA\061410-L\L17703.D
Operator : AR
Acquired : 15 Jun 10 5:02 pm using AcqMethod PEST.M
Instrument : Inst L
Sample Name: 66910-11
Misc Info : SOIL
Vial Number: 71



analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 17, 2010

SAMPLE DATA

Lab Sample ID:	66910-12
Matrix:	Solid
Percent Solid:	99
Dilution Factor:	1.0
Collection Date:	06/09/10
Lab Receipt Date:	06/11/10
Extraction Date:	06/14/10
Analysis Date:	06/15/10

CLIENT SAMPLE ID

Project Name:	AMISTAD ACADEMY
Project Number:	223019
Field Sample ID:	AA-VCS-034

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	**62**
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	70	%
Decachlorobiphenyl	63	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 66910
Sample: 66910-12
Data File: L17704.D
Dilution Factor: 1.0

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	59	62	4.7	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

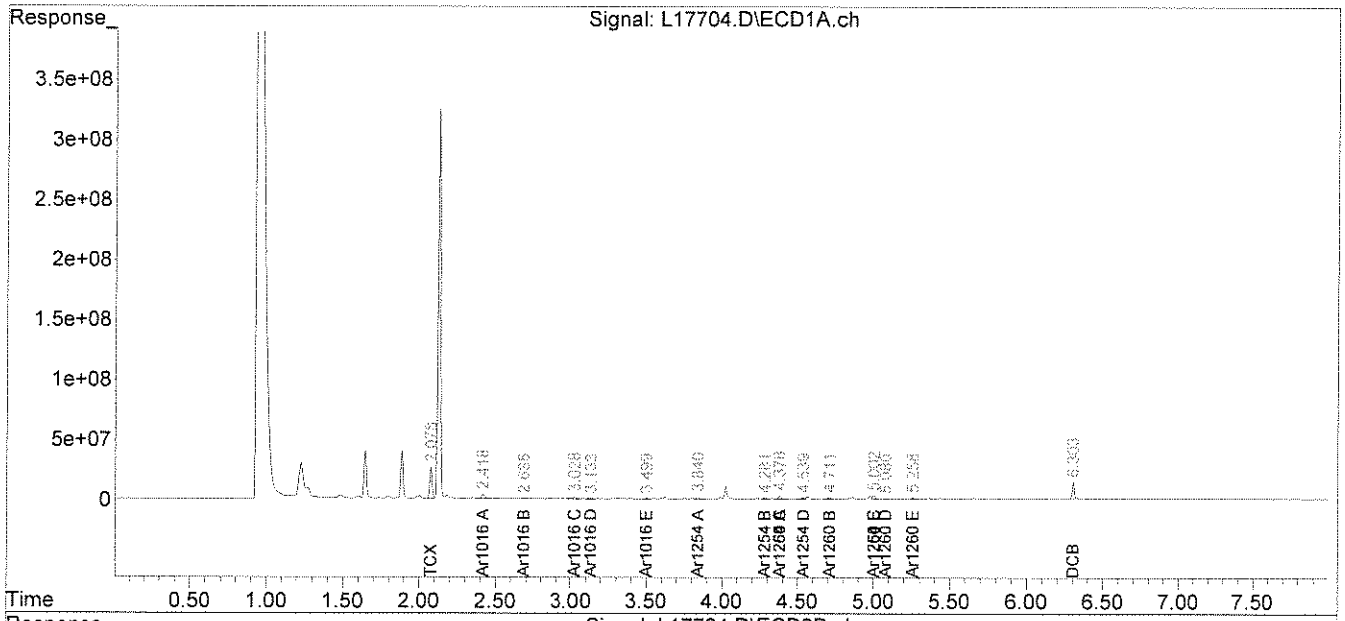
PCB FORM 10

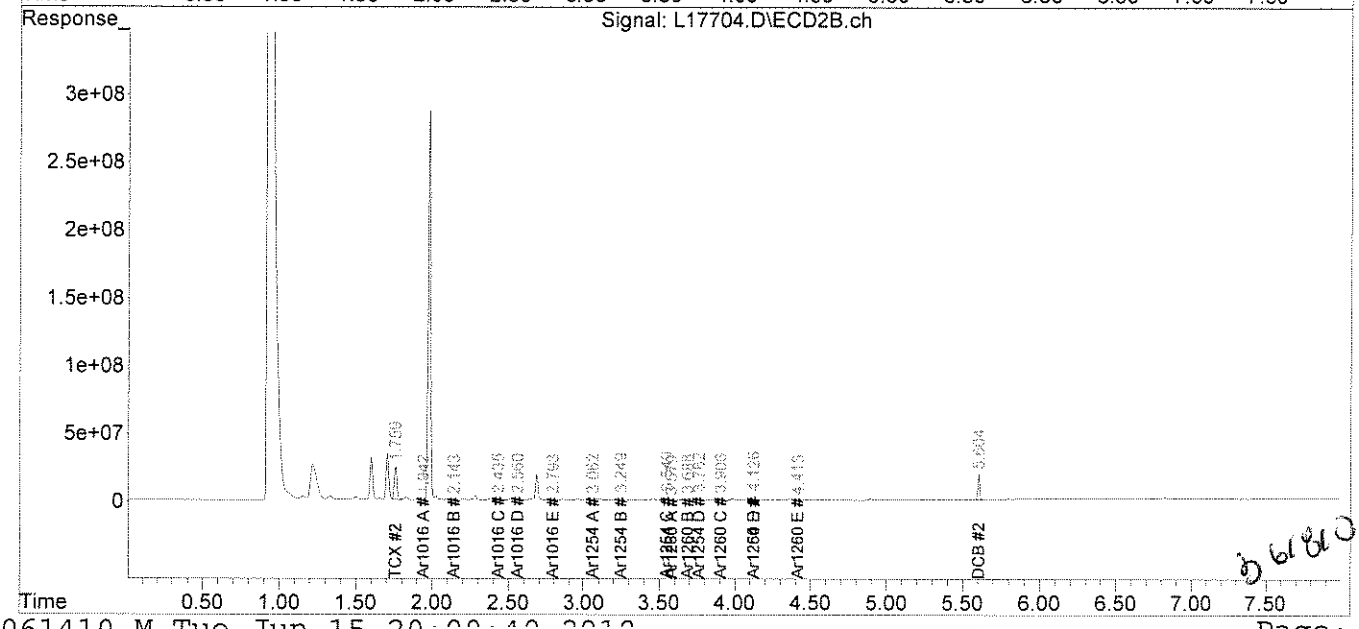
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\061410-L\
Data File : L17704.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Jun 10 5:12 pm
Operator : AR
Sample : 66910-12
Misc : SOIL
ALS Vial : 72 Sample Multiplier: 1

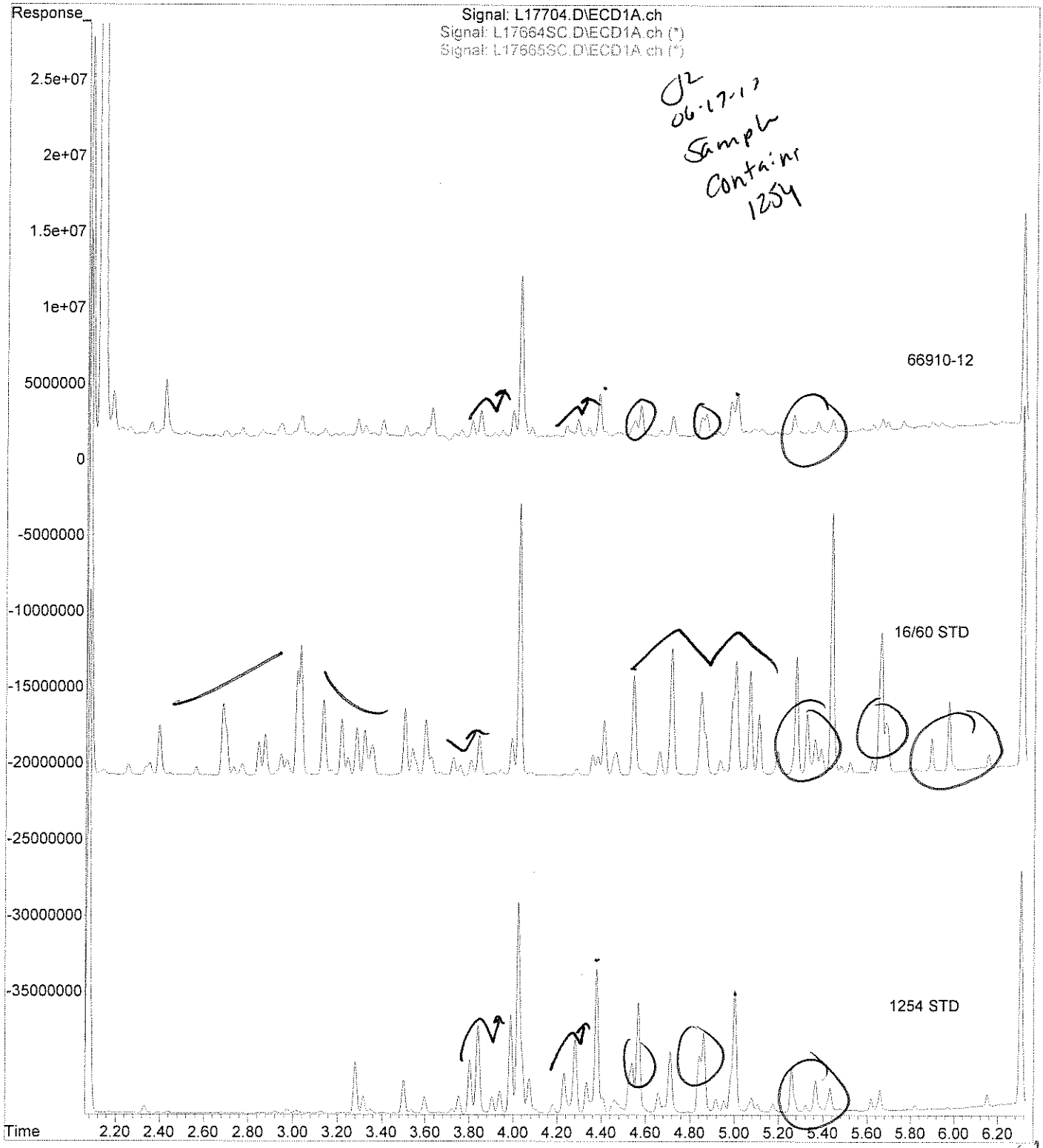
Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 15 20:00:40 2010
Quant Method : C:\msdchem\1\METHODS\PCB061410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 15 19:47:33 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





File :C:\msdchem\1\DATA\061410-L\L17704.D
Operator : AR
Acquired : 15 Jun 10 5:12 pm using AcqMethod PEST.M
Instrument : Inst L
Sample Name: 66910-12
Misc Info : SOIL
Vial Number: 72



JL 06-17-10 Sample Contains 1254

PCB
QC FORMS

AnalyticsLLC:AEL Documents LLC:Pkg Dividers:PCBQC.doc

PCB SOIL
SYSTEM MONITORING COMPOUNDS
SUMMARY

Instrument ID: L
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 66910

	Column #1				Column #2			
SAMPLE ID	SMC 1 (%)	#	SMC 2 (%)	#	SMC 1 (%)	#	SMC 2 (%)	#
B061410PSOX	93		62		92		57	
L061410PSOX	92		61		93		54	
LD061410PSOX	91		60		89		51	
66910-1	74		75		83		102	
66910-2	76		55		80		55	
66910-3	76		57		81		54	
66910-6	70		61		77		52	
66910-7	57		48		62		44	
66910-8	72		59		75		55	
66910-9	69		59		78		57	
66910-10	69		60		76		55	
66910-11	72		65		79		59	
66910-12	70		63		78		55	
66910-12,MS	81		66		86		61	
66910-12,MSD	75		64		82		57	
66910-4	113		88		117		68	
66910-5	126		97		130		81	

		Lower Limit	Upper Limit
SMC #1 =	TCX	40	130
SMC #2 =	DCB	40	130

Column to be used to flag recovery values outside of QC limits
* Values outside QC limits
D System Monitoring Compound diluted out

PCB FORM 2

PCB SOIL
LABORATORY CONTROL SAMPLE/DUPLICATE
PERCENT RECOVERY

Instrument ID: M

GC Column #1: STX-CLPesticides I

Column ID: 0.25 mm

GC Column #2: STX-CLPesticides II

Column ID: 0.25 mm

SDG: 66910

Non-spiked sample: B061410PSOX

Spike: L061410PSOX

Spike duplicate: LD061410PSOX

COMPOUND	LCS SPIKE ADDED (ug/kg)	LCSD SPIKE ADDED (ug/kg)	LOWER LIMIT	UPPER LIMIT	RPD LIMIT	NON-SPIKE RESULT (ug/kg)	SPIKE RESULT (ug/kg)	SPIKE % REC	#	SPIKE DUP RESULT (ug/kg)	SPIKE DUP % REC	#	RPD	#
PCB 1016	200	200	65	140	30	0	223	111		239	119		6.9	
PCB 1260	200	200	60	130	30	0	194	97		202	101		4.0	
PCB 1016 #2	200	200	65	140	30	0	271	136		248	124		8.9	
PCB 1260 #2	200	200	60	130	30	0	191	96		189	95		1.1	

Column to be used to flag recovery and RPD values outside of QC limits

* Values outside QC limits

LCS/LCSD spike added values have been weight adjusted.

Non-spike result of "0" used in place of "U" to allow calculation of spike recovery.

Comments: _____

_____

PCB SOIL
MATRIX SPIKE/DUPLICATE
PERCENT RECOVERY

Instrument ID: M

GC Column #1: STX-CLPesticides I

Column ID: 0.25 mm

GC Column #2: STX-CLPesticides II

Column ID: 0.25 mm

SDG: 66910

Non-spiked sample: 66910-12

Spike: 66910-12,MS

Spike duplicate: 66910-12,MSD

COMPOUND	LCS SPIKE ADDED (ug/kg)	LCSD SPIKE ADDED (ug/kg)	LOWER LIMIT	UPPER LIMIT	RPD LIMIT	NON-SPIKE RESULT (ug/kg)	SPIKE RESULT (ug/kg)	SPIKE % REC	#	SPIKE DUP RESULT (ug/kg)	SPIKE DUP % REC	#	RPD	#
PCB 1016	190	202	65	140	30	0	200	105		199	99		6.7	
PCB 1260	190	202	60	130	30	0	211	111		212	105		5.6	
PCB 1016 #2	190	202	65	140	30	0	187	98		185	92		6.8	
PCB 1260 #2	190	202	60	130	30	0	217	114		218	108		5.6	

Column to be used to flag recovery and RPD values outside of QC limits

* Values outside QC limits

LCS/LCSD spike added values have been weight adjusted.

Non-spike result of "0" used in place of "U" to allow calculation of spike recovery.

Comments: _____

_____

CHAIN OF CUSTODIES

Chain Of Custody Form

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, NH 03801
Phone (603) 436-5111
Fax (603) 430-2151

For Analytics Use Only Rev. 5 06/18/08

Samples were:
1) Shipped or hand-delivered
2) Temp blank °C 3.5°
3) Received in good condition Y or N
4) pH checked by: N/A
5) Labels checked by: CP 6/11/10

Project#: 223019 Proj. Name: AMISTAD ACADEMY
Company: Woodard &Curran
Contact: GEORGE FRANKLIN / JEFF HAMEL
Address: 41 Hutchins Drive
Portland, ME
Phone: (207)774-2112 PO# Quote # WCI03051001
Sampler (Signature):

Matrix Key:
C = Concrete
WP = Wipe
WW = Wastewater
SW = Surface Water
GW = Groundwater
DW = Drinking Water
S = Soil/Sludge
O = Oil
E = Extract

Container Key
P=plastic G=glass

Station Identification	Sample Date	Sample Time	Analysis	Preservation: Unpres	4° C	HNO_3	H_2SO_4	HCL	Methanol	Other	Matrix	Container number/type		pH	Analytics Sample #
AA-VCS-023	6/8/10	1210	PCB's by US. EPA 8082 w/ Soxhlet Extraction		✓						C	1	G		66910-1
AA-VCS-024		1220			✓						C	1	G		-2
AA-VCS-025		1230			✓						C	1	G		-3
AA-VCS-026		1240			✓						C	1	G		-4
AA-VCS-027		1320			✓						C	1	G		-5
AA-VCS-028		1330			✓						C	1	G		-6
AA-VCS-029	6/9/10	0920			✓						C	1	G		-7
AA-VCS-030		0930			✓						C	1	G		-8
AA-VCS-031		0940			✓						C	1	G		-9
AA-VCS-032		0950			✓						C	1	G		-10
AA-VCS-033		1000			✓						C	1	G		-11

Email Results to:
gfranklin@woodardcurran.com
jhamel...

Comments / Instructions:
R.L. ≤ 1.0 mg/kg

Turnaround Time (TAT)
- [ ] 24hr*
- [ ] 48hr*
- [ ] 72hr*
- [x] 5 Days* STD TURN AROUND TIME 3-5 DAYS
- [ ] 10 Days

*Fee may apply; lab approval required

Project Requirements:
*Fee may apply

Report Type:
- [ ] MCP*
- [x] Level II*
- [ ] CTRCP*
- [ ] Level III*
- [ ] DOD*
- [ ] Level IV*
- [ ] Standard

State:
- [ ] NH
- [ ] MA
- [ ] ME
- [x] CT
- [ ] RI

Other:

State Standard:
(eg. S-1 or GW-1)

EDD Required: Y* N
Type: .XLS

Received By: Fed ex Time: Date: 6/9/10
Received By: [signature] Time: 1000 Date: 6/11/10
Received By: Time: Date: 6/11/10
Relinquished By Sampler: [signature] Date: 6/9/10
Relinquished By: Fed ex
Relinquished By:

Analytics\AEL Documents\AEL COC

Page 1 of 2

Chain Of Custody Form

Analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, NH 03801
Phone (603) 436-5111
Fax (603) 430-2151

For Analytics Use Only Rev. 5 06/18/08

Samples were:
1) Shipped or hand-delivered
2) Temp blank °C 3.5°
3) Received in good condition Y or N
4) pH checked by: N/A
5) Labels checked by: CR 6/11/10

Project#: 223019 Proj. Name: AMISTAD ACADEMY
Company: Woodard &Curran
Contact: GEORGE FRANKLIN / JEFF HAMEL
Address: 41 Hutchins Drive
Portland, ME
Phone: (207)774-2112 PO# Quote # WCI03051001
Sampler (Signature):

Matrix Key:
C = Concrete
WP = Wipe
WW = Wastewater
SW = Surface Water
GW = Groundwater
DW = Drinking Water
S = Soil/Sludge
O = Oil
E = Extract

Container Key
P=plastic G=glass

Station Identification	Sample Date	Sample Time	Analysis	Preservation: Unpres	4° C	HNO_3	H_2SO_4	HCL	Methanol	Other	Matrix	Container number/type		pH	Analytics Sample #
AA-VCS-034	6/9/10	1010	PCB's by U.S. EPA 8082 w/ Soxhlet Extraction		✓						C	1	G		6/9/10-12

af 6/11/10

Email Results to:
See page 1

Turnaround Time (TAT)
☐ 24hr* ☐ 48hr*
☐ 72hr* ☑ 5 Days* STD TURN AROUND 3-5 DAYS
☐ 10 Days
*Fee may apply; lab approval required

Comments / Instructions:
RL. ≤ 1.0 mg/kg.

Project Requirements:
*Fee may apply

Report Type:
☐ MCP* ☑ Level II*
☐ CTRCP* ☐ Level III*
☐ DOD* ☐ Level IV*
☐ Standard

State:
☐ NH
☐ MA
☐ ME
☑ CT
☐ RI
Other:

State Standard:
(eg. S-1 or GW-1)
EDD Required: Y* N
Type: .xls

Relinquished By Sampler:	Relinquished By:	Relinquished By:
Date: 6/9/10	Date: 6/11/10	Date:
Time:	Time: 1000	Time:
Received By:	Received By:	Received By:

Analytics\AEL Documents\AEL COC

Page 2 of 2

ANALYTICS SAMPLE RECEIPT CHECKLIST

analytics environmental laboratory LLC

AEL LAB#: 66910

CLIENT: Woodard + Curran

PROJECT: Amistad Academy

COOLER NUMBER: N/A

NUMBER OF COOLERS: 1

DATE RECEIVED: 6/11/10

DATE COOLER OPENED: 6/11/10

Date Received: 6/11/10

A: PRELIMINARY EXAMINATION:

1. Cooler received by(initials): AP

2. Circle one: Hand delivered (If so, skip 3) Shipped

3. Did cooler come with a shipping slip? Y N

3a. Enter carrier name and airbill number here: Fed Ex 7936 2343 8476

4. Were custody seals on the outside of cooler? Y N
How many & where: _____ Seal Date: _____ Seal Name: _____

5. Did the custody seals arrive unbroken and intact upon arrival? Y N/A

6. COC#: N/A

7. Were Custody papers filled out properly (ink,signed, etc)? Y N

8. Were custody papers sealed in a plastic bag? Y N

9. Did you sign the COC in the appropriate place? Y N

10. Was the project identifiable from the COC papers? Y N

11. Was enough ice used to chill the cooler? Y N Temp. of cooler: 3.5°

* Sampler did not sign chain; Sampler did not indicate what time samples were relinquished to FedEX AP 6/11/10

B. Log-In: Date samples were logged in: 6/11/10 By: AP

12. Type of packing in cooler(bubble wrap, popcorn) Y N

13. Were all bottles sealed in separate plastic bags? Y N

14. Did all bottles arrive unbroken and were labels in good condition? Y N

15. Were all bottle labels complete(ID,Date,time,etc.) Y N

16. Did all bottle labels agree with custody papers? Y N

17. Were the correct containers used for the tests indicated: Y N

18. Were samples received at the correct pH? Y N/A

19. Was sufficient amount of sample sent for the tests indicated? Y N

20. Were bubbles absent in VOA samples? Y N/A

If NO, List Sample ID's and Lab #s: _____

21. Laboratory labeling verified by (initials): CP Date: 6/11/10

From: Origin ID: BNHA (203) 271-0379
Jesse Ream
WOODARD & CURRAN INC
1520 HIGHLAND AVENUE

CHESHIRE, CT 06410

FedEx Express

J101010022220224

Ship Date: 10JUN10
ActWgt: 30.0 LB
CAD: 2185050/INET3010

Delivery Address Bar Code

Ref # 223019.00.001
Invoice #
PO #
Dept #

SHIP TO: (603) 436-5111 BILL SENDER

Analytics Enviro Labs, LLC
Analytics Enviro Labs, LLC
195 COMMERCE WAY UNIT E

PORTSMOUTH, NH 03801

TRK# 0201 7936 2343 8476

FRI - 11 JUN A2
PRIORITY OVERNIGHT

03801
NH-US
MHT

03 IGGA

5B5G1/22F2/5FE8

After printing this label:
1. Use the 'Print' button on this page to print your label to your laser or inkjet printer.
2. Fold the printed page along the horizontal line.
3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

Warning: Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com.FedEx will not be responsible for any claim in excess of $100 per package, whether the result of loss, damage, delay, non-delivery,misdelivery,or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim.Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic valueof the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental,consequential, or special is limited to the greater of $100 or the authorized declared value. Recovery cannot exceed actual documented loss.Maximum for items of extraordinary value is $500, e.g. jewelry, precious metals, negotiable instruments and other items listed in our ServiceGuide. Written claims must be filed within strict time limits, see current FedEx Service Guide.

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

June 19, 2010

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

RE: Analytical Results Case Narrative
Analytics # 66912
AMISTAD ACADEMY

Dear Mr. Franklin;

Enclosed please find the analytical results for samples submitted for the above-mentioned project. The attached Cover Page lists the sample IDs, Lab tracking numbers and collection dates for the samples included in this deliverable.

Samples were analyzed Polychlorinated Biphenyls (PCBs) by EPA Method 8082.

Unless otherwise noted in the Non-conformance Summary listed below, all of the quality control (QC) criteria including initial calibration, calibration verification, surrogate recovery, holding time and method accuracy/precision for these analyses were within acceptable limits.

This Level II data package has been assembled in the following order:

Case Narrative/Non-Conformance Summary
Sample Log Sheet - Cover Page
PCB Form 1 Data Sheet for Samples and Blanks
Chromatograms
PCB Form 10 Confirmation Results
PCB Form 3 MS/MSD (LCS) Recoveries
Chain of Custody (COC) Forms

QC NON-CONFORMANCE SUMMARY

Sample Receipt:
No exceptions.

PCBs by EPA Method 8082:
No results were reported below the quantitation limit.

Decachlorobiphenyl (DCB) surrogate had low recovery on column#2 for samples 66912-7 MS and 66912-7 MSD. Column#1 was in control for all analytes. Results were reported without qualification.

The laboratory control sample duplicate (LD061110PSOX) had high recovery of PCB1016 on column#2. The laboratory control sample (L061110PSOX) was in control for all anlaytes. PCB 1260 had high recovery in the MSD analyzed on sample 66912-7. In addition PCB 1016 ha dhigh RPD on column#2 in the MS/MSD pair. The laboratory control samples were in control except as stated above. Results were reported without qualification.

If you have any questions on these results, please do not hesitate to contact me.

Sincerely,
ANALYTICS Environmental Laboratory, LLC

Stephen L. Knollmeyer
Laboratory Director

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

Report Number: 66912

Revision: Rev. 0

Re: AMISTAD ACADEMY (Project No: 223019)

Enclosed are the results of the analyses on your sample(s). Samples were received on 11 June 2010 and analyzed for the tests listed. Samples were received in acceptable condition, with the exceptions noted below or on the chain of custody. These results pertain to samples as received by the laboratory and for the analytical tests requested on the chain of custody. The results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report. Please see individual reports for specific methodologies and references.

Sample Analysis: The attached pages detail the Client Sample IDs, Lab Sample IDs, and Analyses requested

Sample Receipt Exceptions: None

Analytics Environmental Laboratory is certified by the states of New Hampshire, Maine, Massachusetts, Connecticut, Rhode Island, Virginia, Maryland, and is accredited by the Deparment of Defense (DOD) ELAP program. A list of actual certified parameters is available upon request.

If you have any questions on these results, please do not hesitate to contact us.

Authorized signature _____
Stephen L. Knollmeyer Lab. Director

Date 06/17/2010

This report shall not be reproduced, except in full, without the written consent of Analytics Environmental Laboratory, LLC.

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

CLIENT: Woodard & Curran **REPORT NUMBER: 66912** **REV: Rev. 0**

PROJECT: AMISTAD ACADEMY (Project No: 223019)

Lab Number	Sample Date	Station Location	Analysis	Comments
66912-1	06/10/10	AA-VBS-041	EPA 8082 (PCBs only)	
66912-2	06/10/10	AA-VBS-042	EPA 8082 (PCBs only)	
66912-3	06/10/10	AA-VCS-Q-040	EPA 8082 (PCBs only)	
66912-4	06/10/10	AA-VCS-035	EPA 8082 (PCBs only)	
66912-5	06/10/10	AA-VCS-036	EPA 8082 (PCBs only)	
66912-6	06/10/10	AA-VCS-037	EPA 8082 (PCBs only)	
66912-7	06/10/10	AA-VCS-038	EPA 8082 (PCBs only)	
66912-8	06/10/10	AA-VCS-539	EPA 8082 (PCBs only)	
66912-9	06/10/10	AA-VWP-043	EPA 8082 (PCBs only)	
66912-10	06/10/10	AA-VWP-044	Electronic Data Deliverable	
	06/10/10	AA-VWP-044	EPA 8082 (PCBs only)	

analytics environmental laboratory LLC

Surrogate Compound Limits

Matrix:	Aqueous	Solid	
Units:	% Recovery	% Recovery	Method
Volatile Organic Compounds - Drinking Water			
1,4-Difluorobenzene	70-130		EPA 524.2
Bromofluorobenzene	70-130		
1,2-Dichlorobenzene-d4	70-130		
Volatile Organic Compounds			
1,2-Dichloroethane-d4	70-120	70-120	EPA 624/8260B
Toluene-d8	85-120	85-120	
Bromofluorobenzene	75-120	75-120	
Semi-Volatile Organic Compounds			
2-Fluorophenol	20-110	35-105	EPA 625/8270C
d5-Phenol	15-110	40-100	
d5-nitrobenzene	40-110	35-100	
2-Fluorobiphenyl	50-110	45-105	
2,4,6-Tribromophenol	40-110	40-125	
d14-p-terphenyl	50-130	30-125	
PAH's by SIM			
d5-nitrobenzene	21-110	35-110	EPA 8270C
2-Fluorobiphenyl	36-121	45-105	
d14-p-terphenyl	33-141	30-125	
Pesticides and PCBs			
2,4,5,6-Tetrachloro-m-xylene (TCX)	46-122	40-130	EPA 608/8082
Decachlorobiphenyl (DCB)	40-135	40-130	
Herbicides			
Dichloroacetic acid (DCAA0	30-150	30-150	
Gasoline Range Organics/TPH Gasoline			
Trifluorotoluene TFT (FID)	60-140	60-140	MEDEP 4217/EPA 8015
Bromofluorobenzene (BFB) (FID)	60-140	60-140	
Trifluorotoluene TFT (PID)	60-140	60-140	
Bromofluorobenzene (BFB) (PID)	60-140	60-140	
Diesel Range Organics/TPH Diesel			
m-terphenyl	60-140	60-140	MEDEP 4125/EPA 8015/CT ETPH

PCB
DATA SUMMARIES

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 17, 2010

SAMPLE DATA

CLIENT SAMPLE ID

Project Name: AMISTAD ACADEMY

Project Number: 223019

Field Sample ID: Lab QC

Lab Sample ID: B061110PSOX
Matrix: Soil
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date:
Lab Receipt Date:
Extraction Date: 06/11/10
Analysis Date: 06/15/10

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	93	%
Decachlorobiphenyl	63	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB Report

Authorized signature

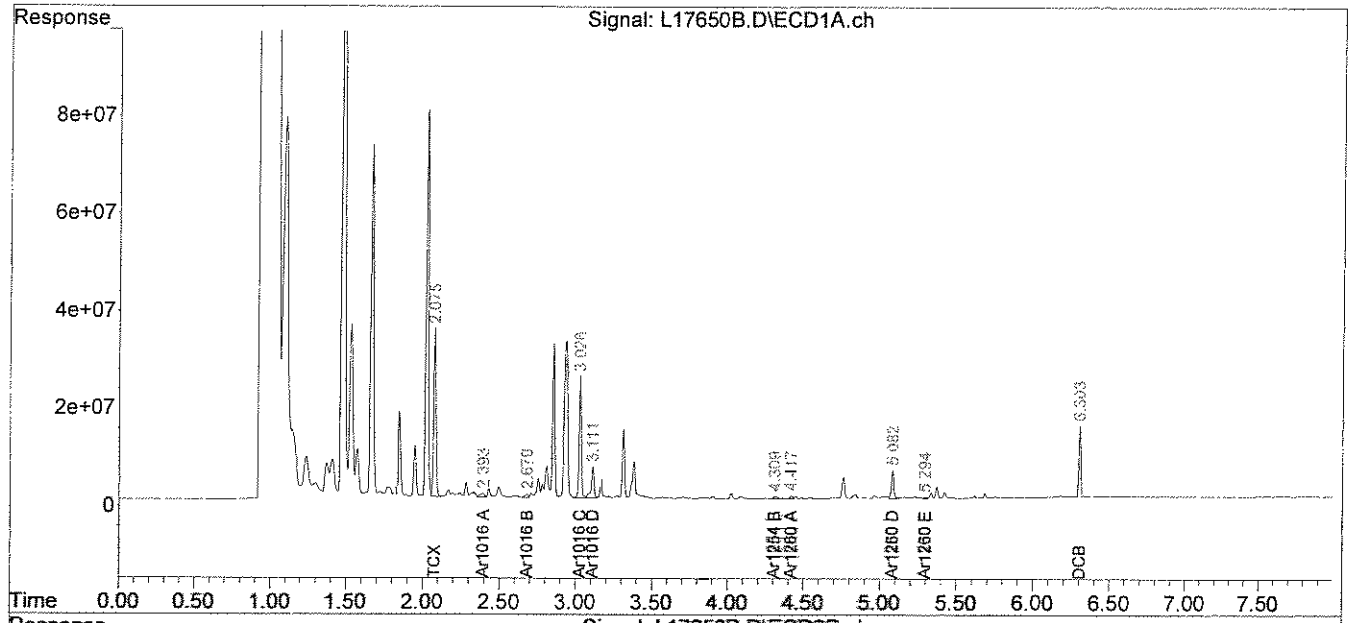
Quantitation Report (Not Reviewed)

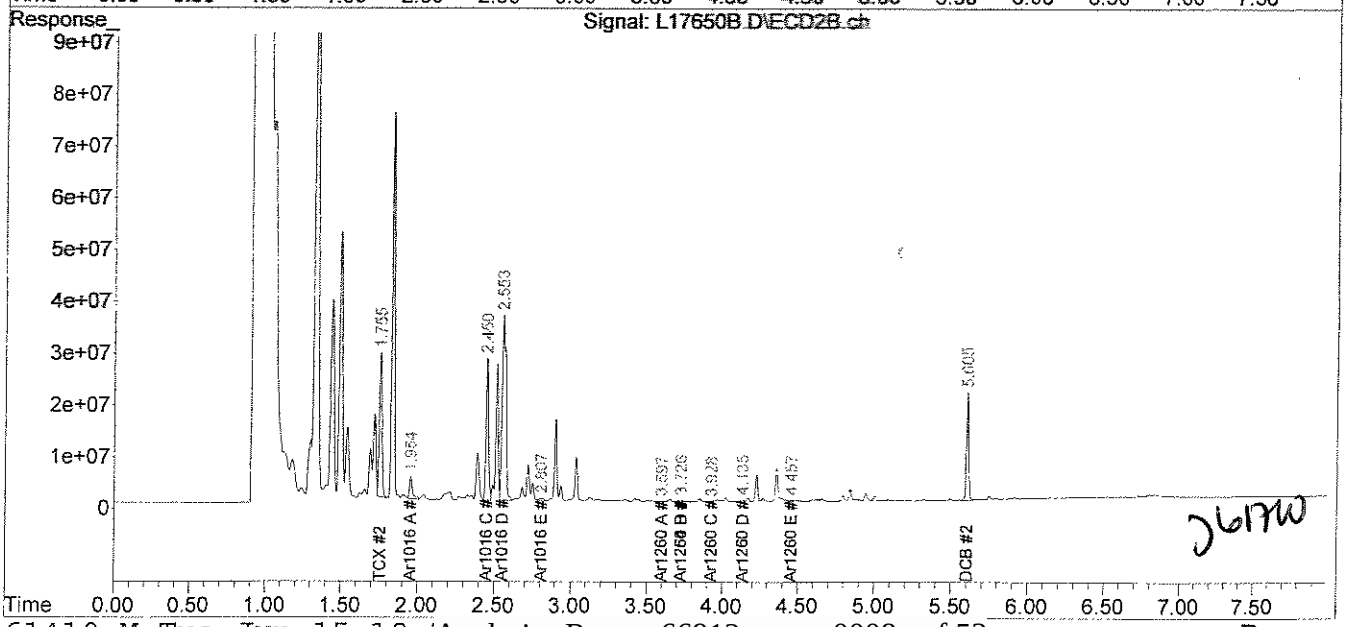
Data Path : C:\msdchem\1\DATA\061410-L\
Data File : L17650B.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Jun 10 7:20 am
Operator : AR
Sample : B061110PSOX
Misc : SOIL
ALS Vial : 22 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 15 19:58:00 2010
Quant Method : C:\msdchem\1\METHODS\PCB061410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 15 19:47:33 2010
Response via : Initial Calibration
Integrator: ChemStation

6/16/10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





061710

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 18, 2010

SAMPLE DATA

Lab Sample ID: B061110PW
Matrix: Aqueous
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date:
Lab Receipt Date:
Extraction Date: 06/11/10
Analysis Date: 06/15/10

CLIENT SAMPLE ID

Project Name: AMISTAD ACADEMY
Project Number: 223019
Field Sample ID: Lab QC

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/L	Results µg/L
PCB-1016	0.2	U
PCB-1221	0.2	U
PCB-1232	0.2	U
PCB-1242	0.2	U
PCB-1248	0.2	U
PCB-1254	0.2	U
PCB-1260	0.2	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	87	%
Decachlorobiphenyl	63	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS:

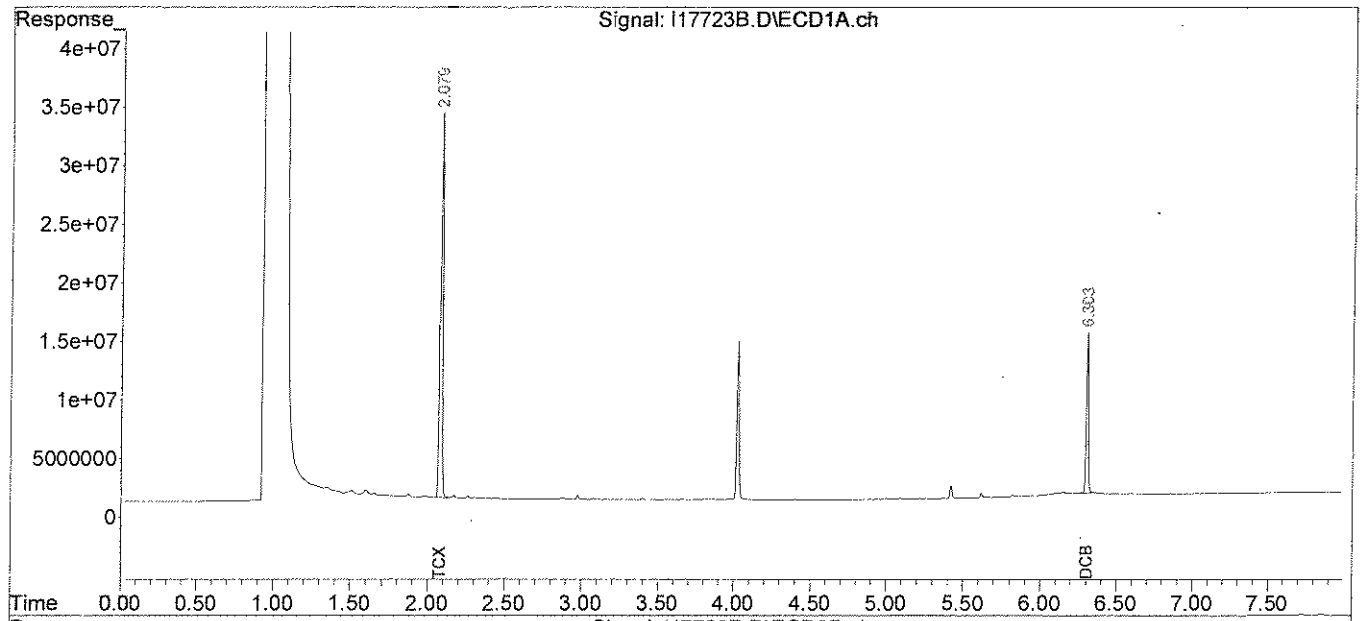
PCB Report

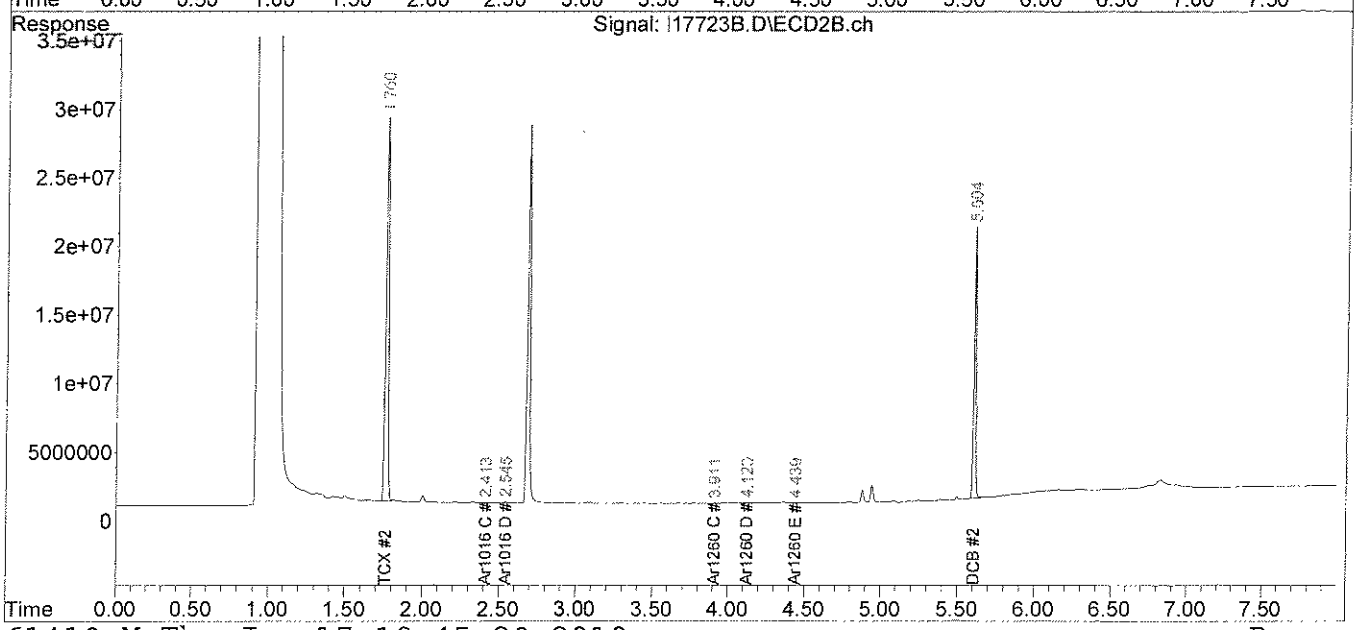
Authorized signature

Data Path : C:\msdchem\1\DATA\061410-L\
Data File : l17723B.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Jun 10 8:29 pm
Operator : AR
Sample : B061110PW
Misc :
ALS Vial : 22 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 17 19:45:19 2010
Quant Method : C:\msdchem\1\METHODS\PCB061410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254 561770
QLast Update : Tue Jun 15 19:47:33 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 17, 2010

SAMPLE DATA

Lab Sample ID:	66912-1
Matrix:	Solid
Percent Solid:	93
Dilution Factor:	1.1
Collection Date:	06/10/10
Lab Receipt Date:	06/11/10
Extraction Date:	06/11/10
Analysis Date:	06/15/10

CLIENT SAMPLE ID

Project Name:	AMISTAD ACADEMY
Project Number:	223019
Field Sample ID:	AA-VBS-041

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	36	U
PCB-1221	36	U
PCB-1232	36	U
PCB-1242	36	U
PCB-1248	36	U
PCB-1254	36	**184**
PCB-1260	36	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	93	%
Decachlorobiphenyl	67	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 66912
Sample: 66912-I
Data File: L17653.D
Dilution Factor: 1.1

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	154	184	18.2	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

PCB FORM 10

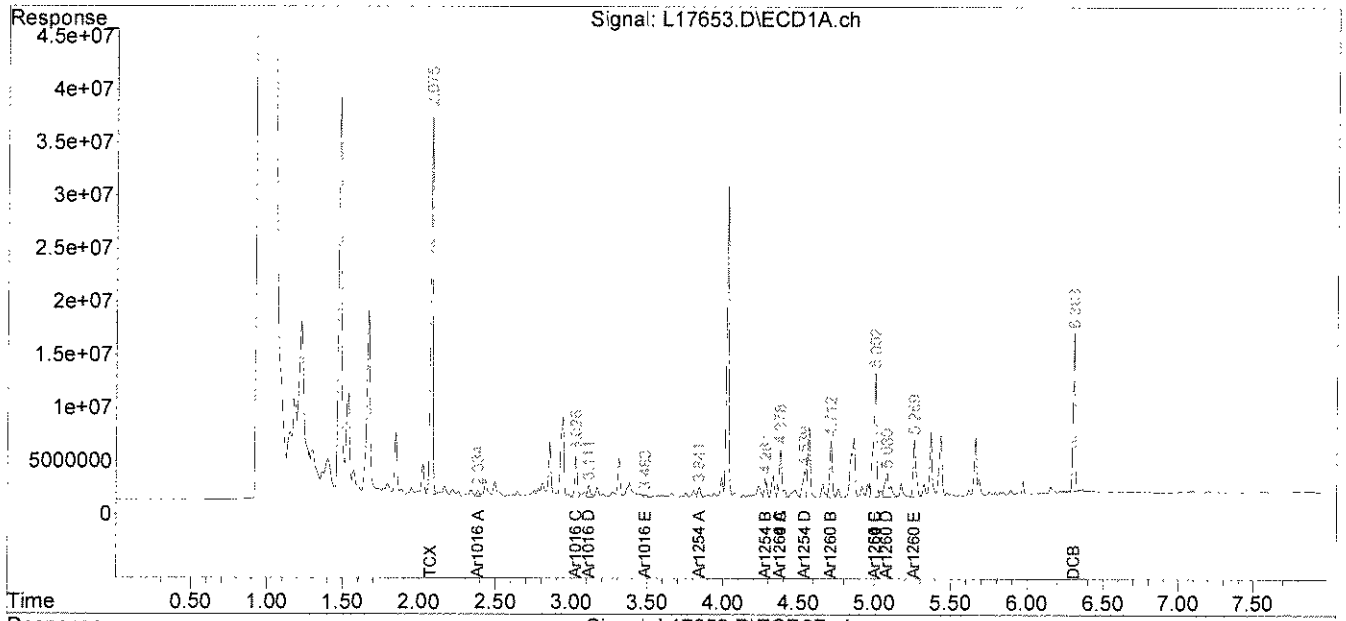
Quantitation Report (Not Reviewed)

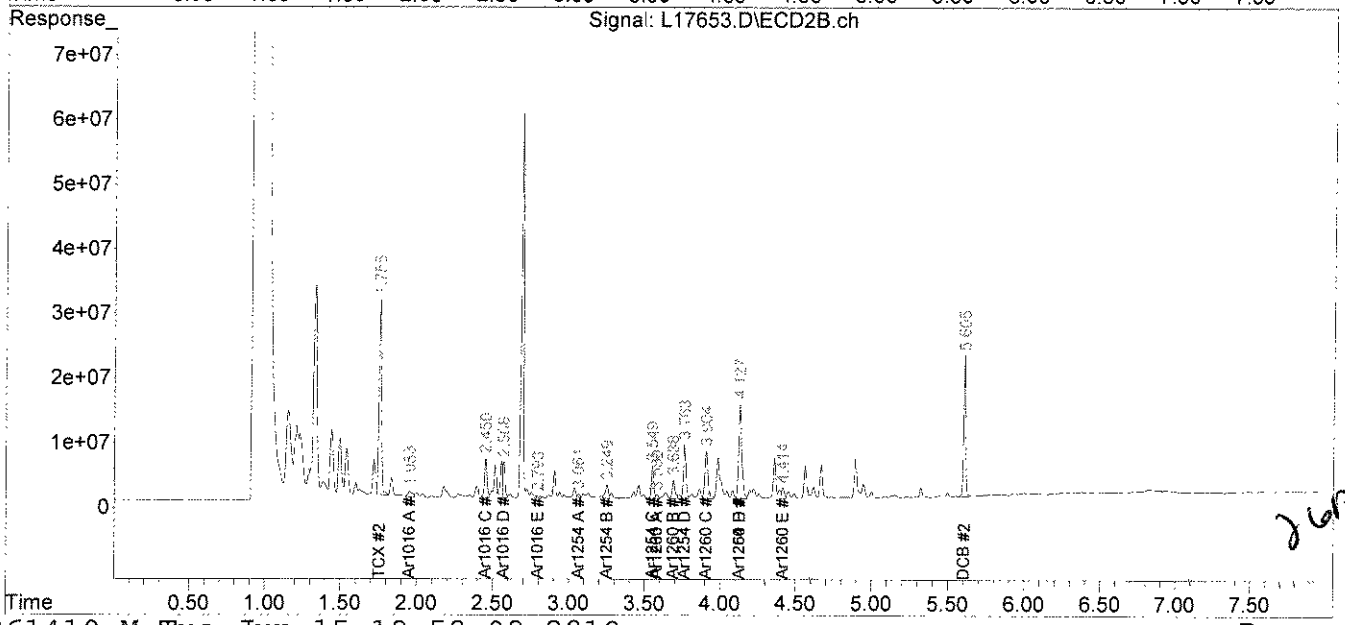
Data Path : C:\msdchem\1\DATA\061410-L\
Data File : L17653.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Jun 10 7:51 am
Operator : AR
Sample : 66912-1
Misc : SOIL
ALS Vial : 25 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 15 19:58:09 2010
Quant Method : C:\msdchem\1\METHODS\PCB061410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 15 19:47:33 2010
Response via : Initial Calibration
Integrator: ChemStation

UL 6-17-10

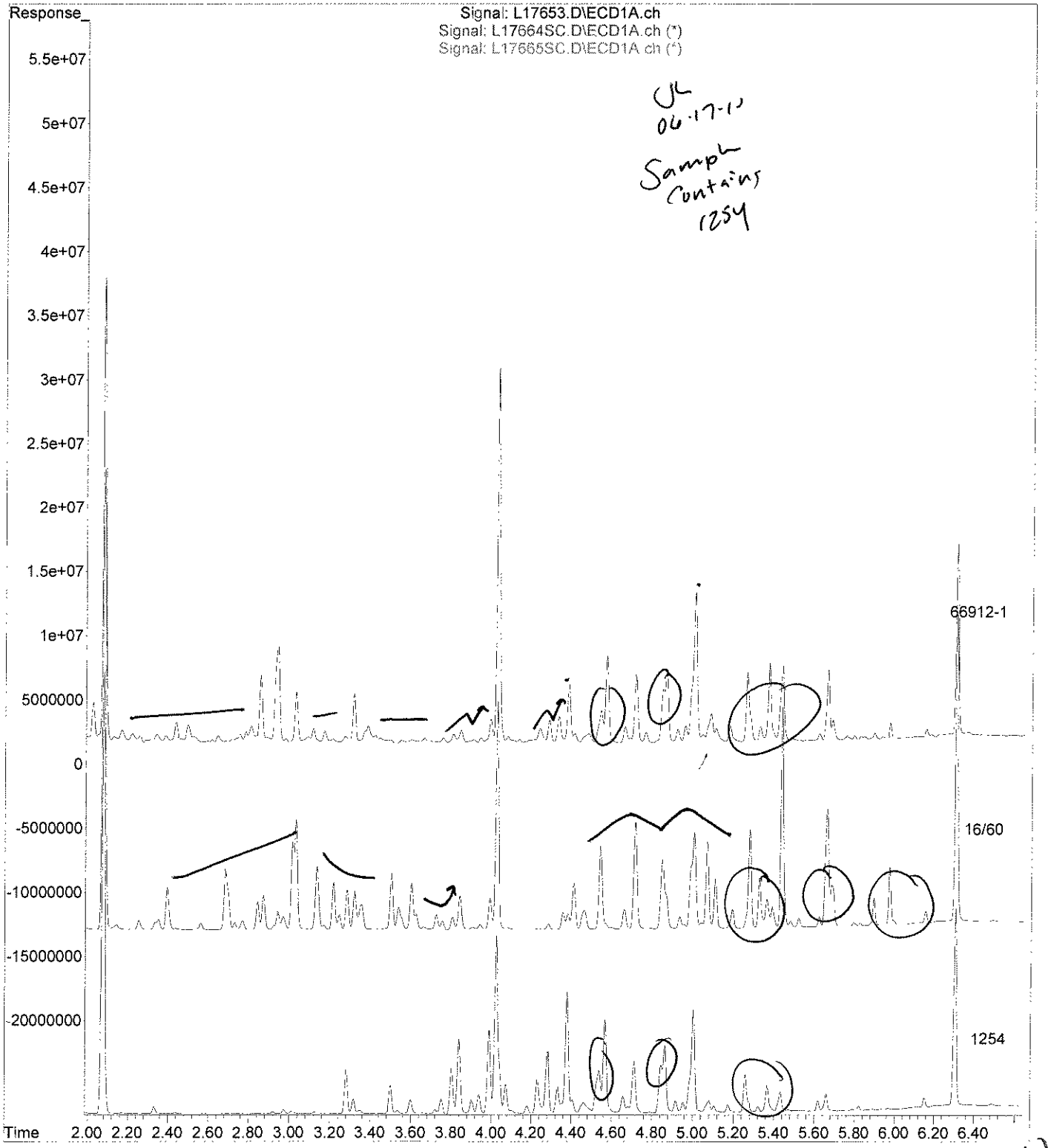
Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





JGPW

File :C:\msdchem\1\DATA\061410-L\L17653.D
Operator : AR
Acquired : 15 Jun 10 7:51 am using AcqMethod PEST.M
Instrument : Inst L
Sample Name: 66912-1
Misc Info : SOIL
Vial Number: 25



JL 06-17-10
Sample contains 1254

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 17, 2010

SAMPLE DATA

Lab Sample ID:	66912-2
Matrix:	Solid
Percent Solid:	80
Dilution Factor:	1.2
Collection Date:	06/10/10
Lab Receipt Date:	06/11/10
Extraction Date:	06/11/10
Analysis Date:	06/15/10

CLIENT SAMPLE ID

Project Name:	AMISTAD ACADEMY
Project Number:	223019
Field Sample ID:	AA-VBS-042

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	40	U
PCB-1221	40	U
PCB-1232	40	U
PCB-1242	40	U
PCB-1248	40	U
PCB-1254	40	**596**
PCB-1260	40	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	89	%
Decachlorobiphenyl	55	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG:
Sample: 66912-2
Data File: L17654.D
Dilution Factor: 1.2

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	596	432	31.9	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

PCB FORM 10

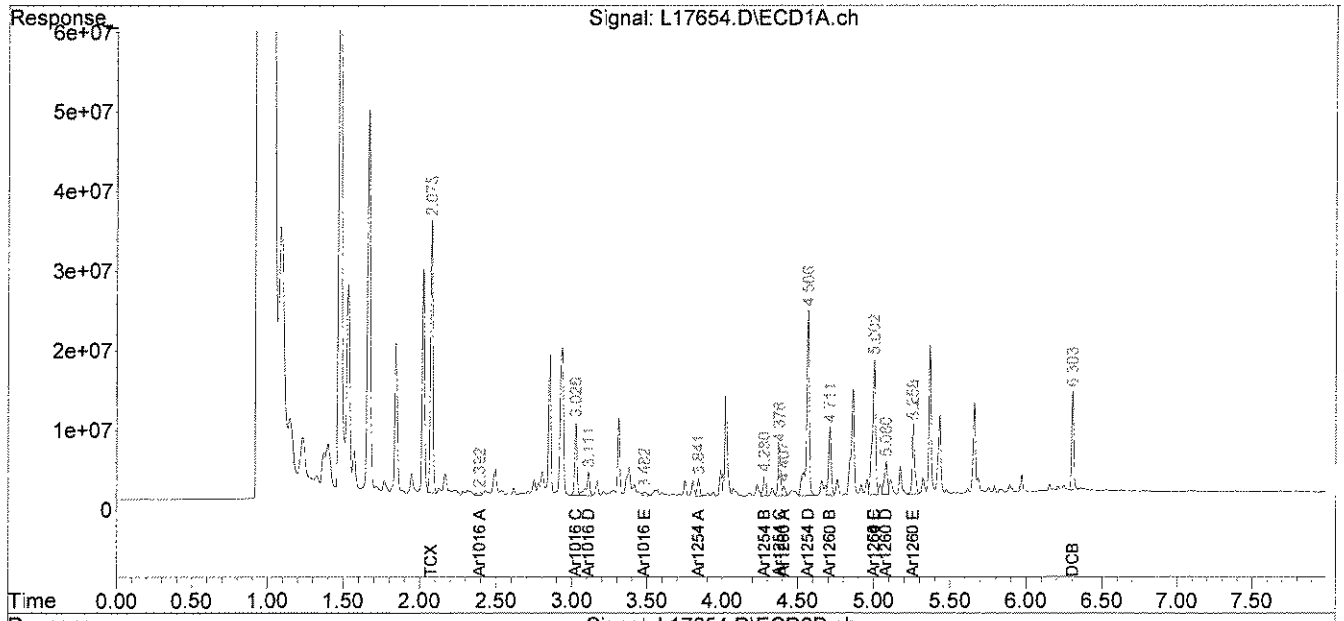
Quantitation Report (Not Reviewed)

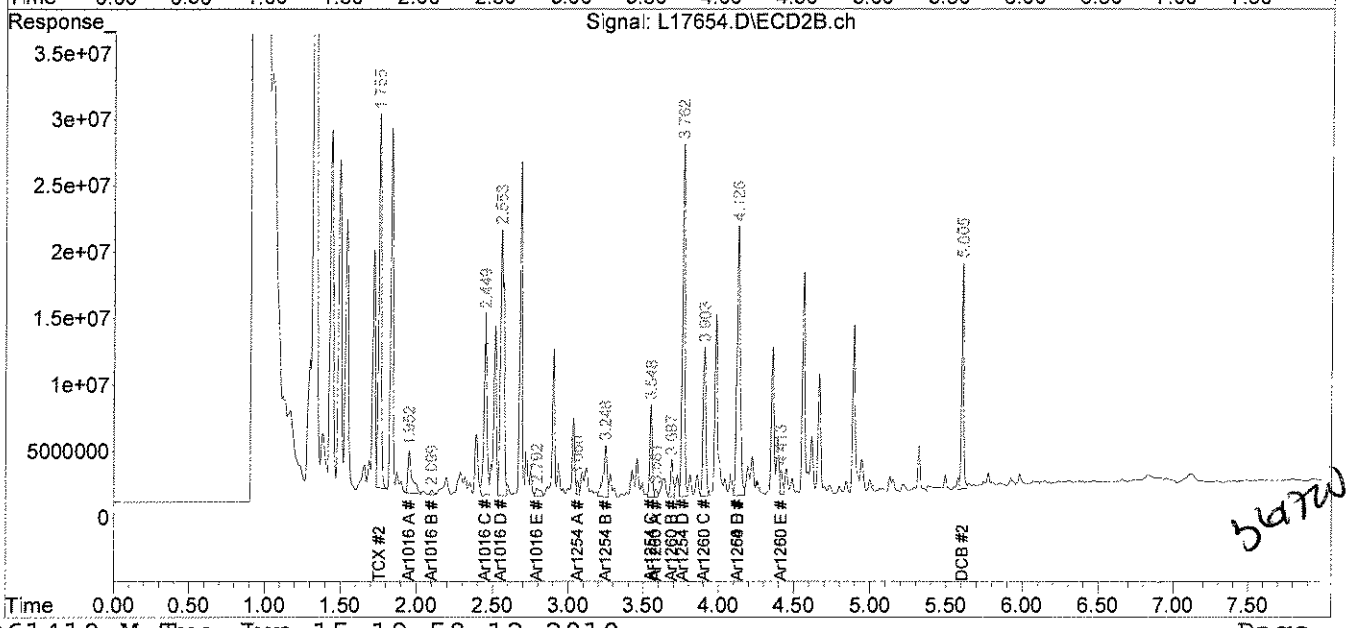
Data Path : C:\msdchem\1\DATA\061410-L\
Data File : L17654.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Jun 10 8:01 am
Operator : AR
Sample : 66912-2
Misc : SOIL
ALS Vial : 26 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 15 19:58:12 2010
Quant Method : C:\msdchem\1\METHODS\PCB061410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 15 19:47:33 2010
Response via : Initial Calibration
Integrator: ChemStation

06-17-10

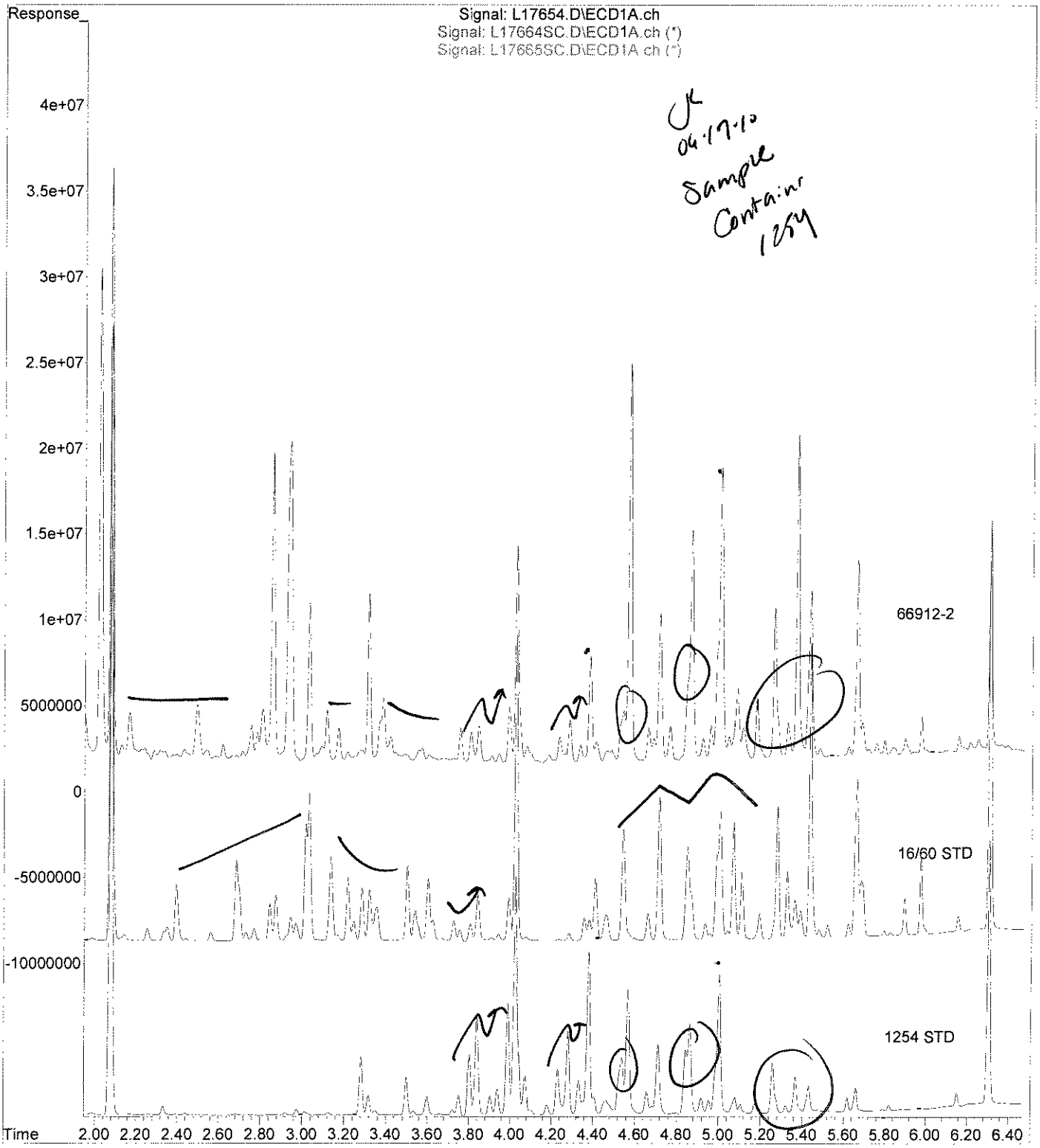
Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





34720

File :C:\msdchem\1\DATA\061410-L\L17654.D
Operator : AR
Acquired : 15 Jun 10 8:01 am using AcqMethod PEST.M
Instrument : Inst L
Sample Name: 66912-2
Misc Info : SOIL
Vial Number: 26



JK 06.17.10 Sample Container 1254

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 18, 2010

SAMPLE DATA

Lab Sample ID:	66912-3
Matrix:	Aqueous
Percent Solid:	N/A
Dilution Factor:	1.0
Collection Date:	06/10/10
Lab Receipt Date:	06/11/10
Extraction Date:	06/11/10
Analysis Date:	06/15/10

CLIENT SAMPLE ID

Project Name:	AMISTAD ACADEMY
Project Number:	223019
Field Sample ID:	AA-VCS-Q-040

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/L	Results µg/L
PCB-1016	0.2	U
PCB-1221	0.2	U
PCB-1232	0.2	U
PCB-1242	0.2	U
PCB-1248	0.2	U
PCB-1254	0.2	U
PCB-1260	0.2	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	86	%
Decachlorobiphenyl	61	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS:

PCB Report

Authorized signature

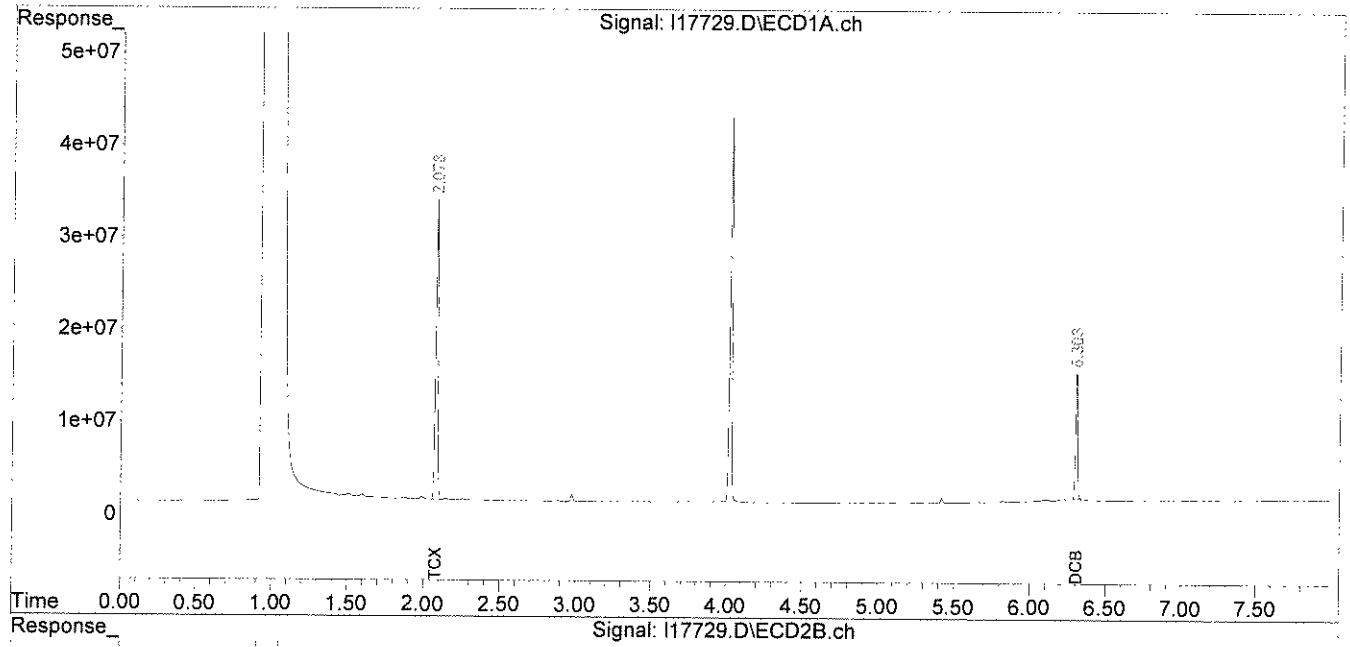
Quantitation Report (QT Reviewed)

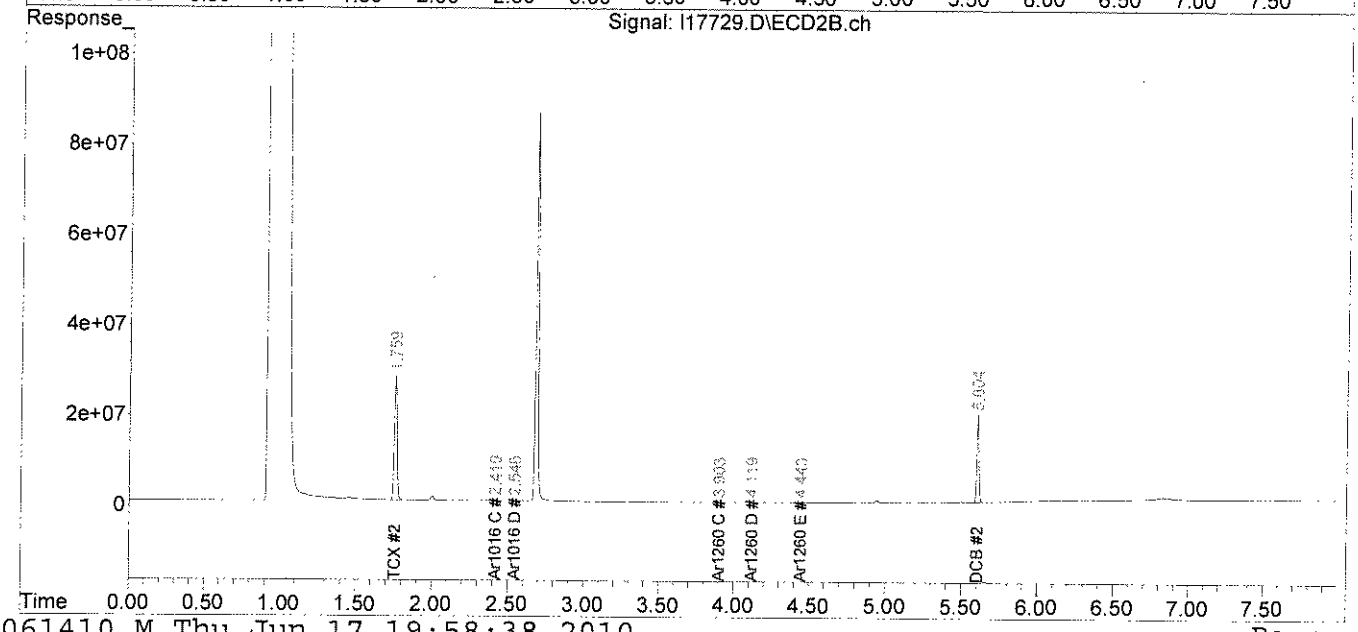
Data Path : C:\msdchem\1\DATA\061410-L\
Data File : l17729.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Jun 10 9:31 pm
Operator : AR
Sample : 66912-3
Misc :
ALS Vial : 28 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 17 19:58:29 2010
Quant Method : C:\msdchem\1\METHODS\PCB061410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 15 19:47:33 2010
Response via : Initial Calibration
Integrator: ChemStation

061710

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 17, 2010

SAMPLE DATA

Lab Sample ID:	66912-4
Matrix:	Solid
Percent Solid:	99
Dilution Factor:	1.0
Collection Date:	06/10/10
Lab Receipt Date:	06/11/10
Extraction Date:	06/11/10
Analysis Date:	06/15/10

CLIENT SAMPLE ID

Project Name:	AMISTAD ACADEMY
Project Number:	223019
Field Sample ID:	AA-VCS-035

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	**363**
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	65	%
Decachlorobiphenyl	52	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG:
Sample: 66912-4
Data File: L17655.D
Dilution Factor: 1.0

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	359	363	1.0	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

PCB FORM 10

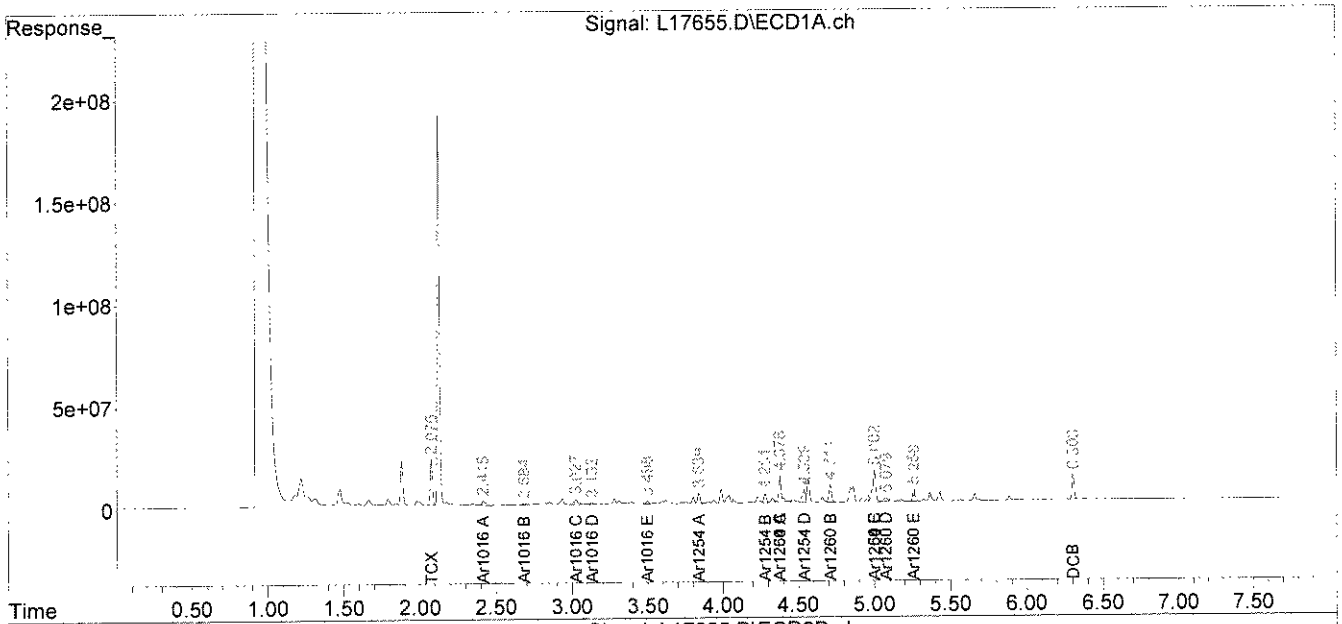
Quantitation Report (Not Reviewed)

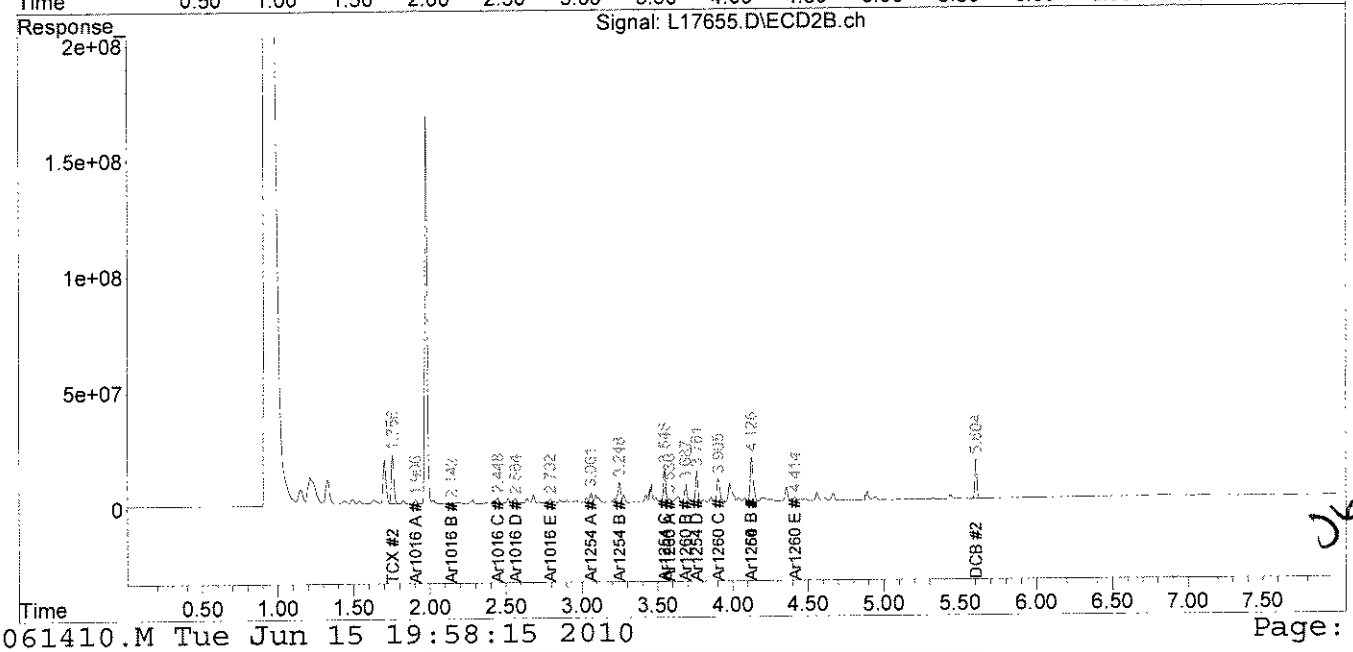
Data Path : C:\msdchem\1\DATA\061410-L\
Data File : L17655.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Jun 10 8:12 am
Operator : AR
Sample : 66912-4
Misc : SOIL
ALS Vial : 27 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 15 19:58:15 2010
Quant Method : C:\msdchem\1\METHODS\PCB061410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 15 19:47:33 2010
Response via : Initial Calibration
Integrator: ChemStation

JL 06-17-10

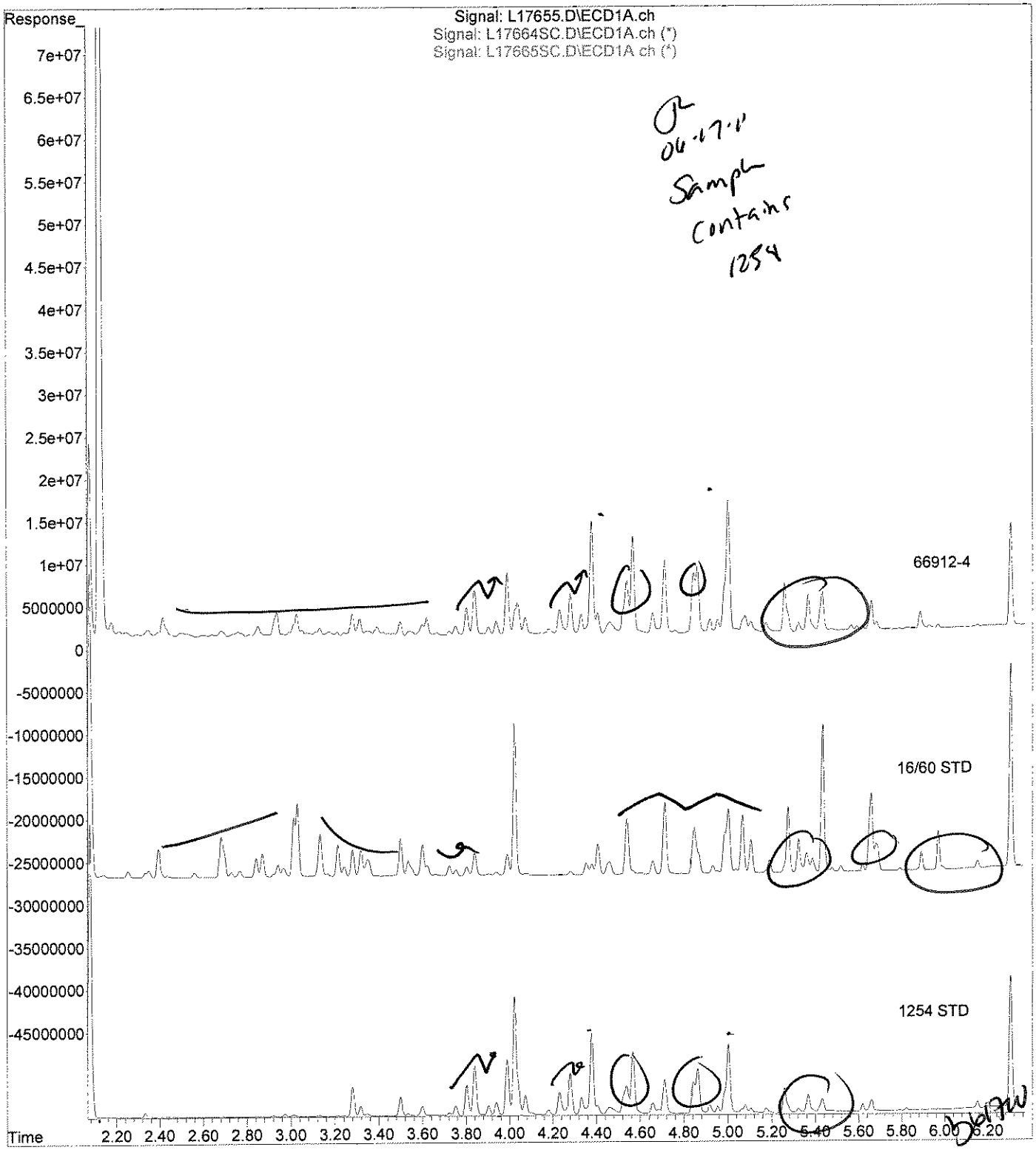
Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





JL 06-17-10

File :C:\msdchem\1\DATA\061410-L\L17655.D
Operator : AR
Acquired : 15 Jun 10 8:12 am using AcqMethod PEST.M
Instrument : Inst L
Sample Name: 66912-4
Misc Info : SOIL
Vial Number: 27



06-17-10
Sample contains 1254

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 17, 2010

SAMPLE DATA

Lab Sample ID:	66912-5
Matrix:	Solid
Percent Solid:	99
Dilution Factor:	1.0
Collection Date:	06/10/10
Lab Receipt Date:	06/11/10
Extraction Date:	06/11/10
Analysis Date:	06/15/10

CLIENT SAMPLE ID

Project Name:	AMISTAD ACADEMY
Project Number:	223019
Field Sample ID:	AA-VCS-036

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	**58**
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	82	%
Decachlorobiphenyl	56	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 66912
Sample: 66912-5
Data File: L17656.D
Dilution Factor: 1.0

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	53	58	9.0	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

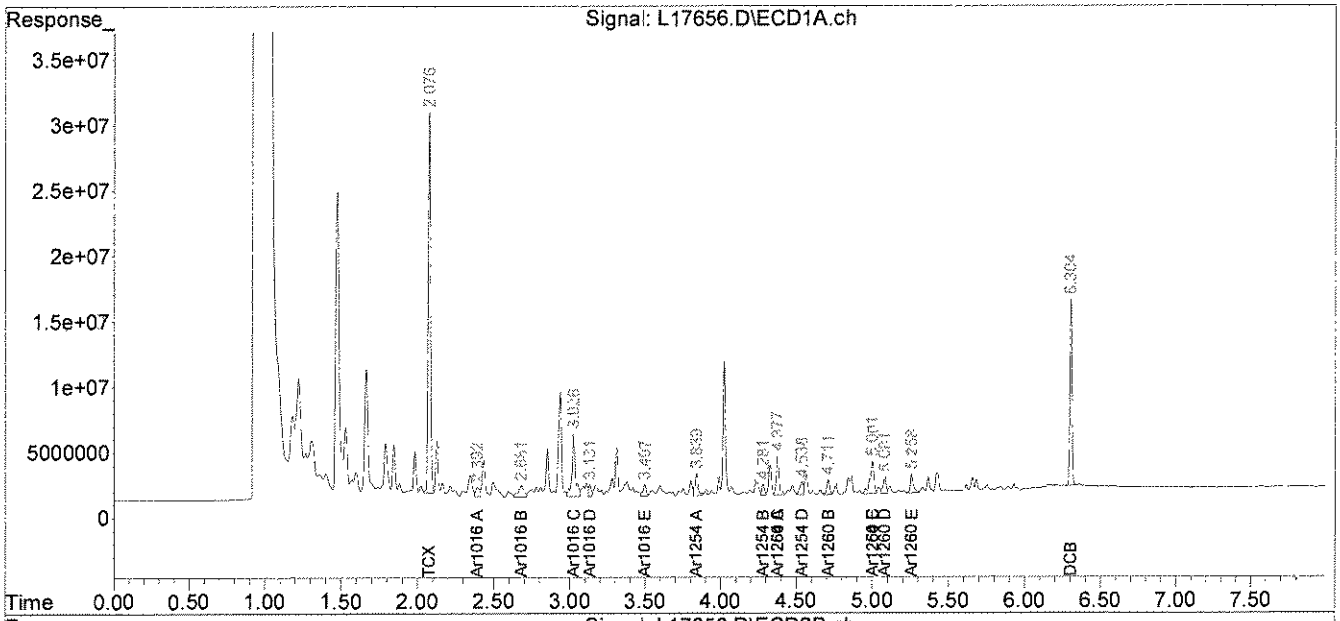
PCB FORM 10

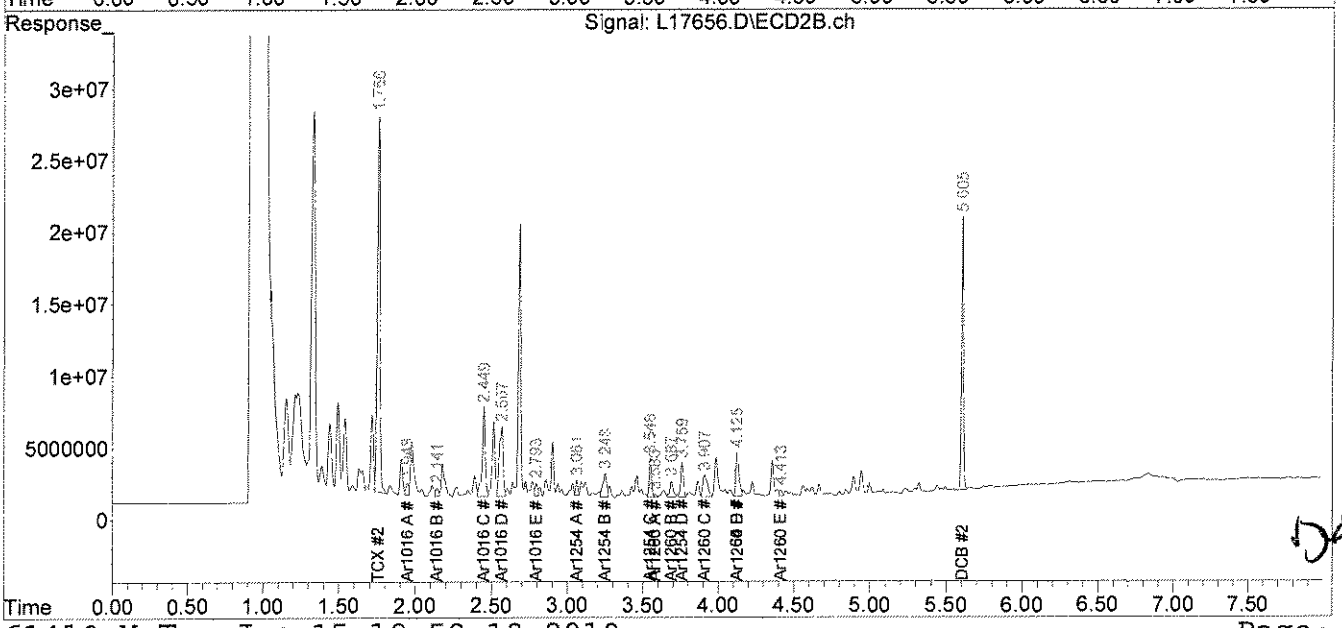
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\061410-L\
Data File : L17656.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Jun 10 8:22 am
Operator : AR
Sample : 66912-5
Misc : SOIL
ALS Vial : 28 Sample Multiplier: 1

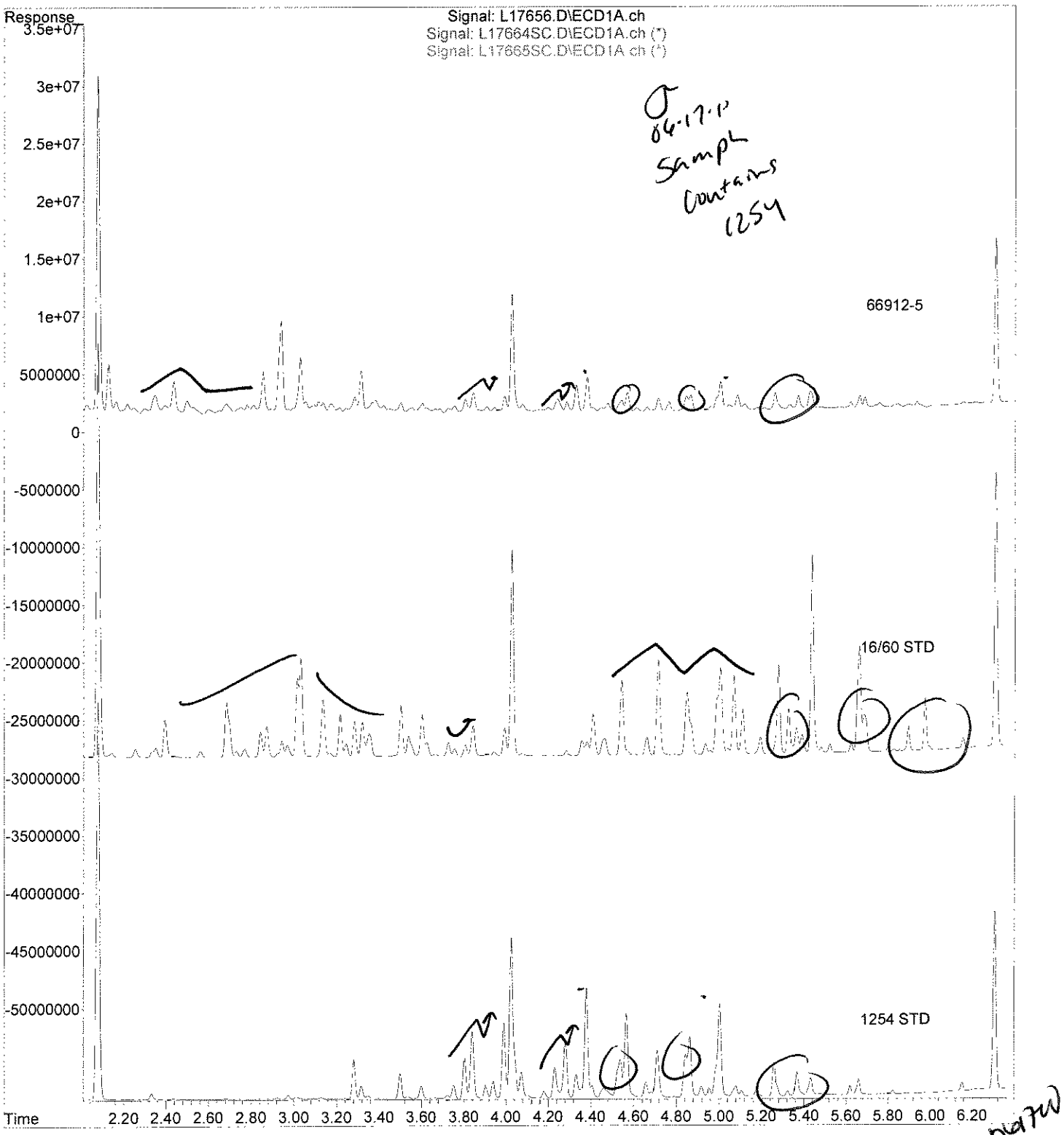
Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 15 19:58:18 2010
Quant Method : C:\msdchem\1\METHODS\PCB061410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 15 19:47:33 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





File :C:\msdchem\1\DATA\061410-L\L17656.D
Operator : AR
Acquired : 15 Jun 10 8:22 am using AcqMethod PEST.M
Instrument : Inst L
Sample Name: 66912-5
Misc Info : SOIL
Vial Number: 28



06-17-10
Sample contains 1254

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 17, 2010

SAMPLE DATA

Lab Sample ID:	66912-6
Matrix:	Solid
Percent Solid:	99
Dilution Factor:	1.0
Collection Date:	06/10/10
Lab Receipt Date:	06/11/10
Extraction Date:	06/11/10
Analysis Date:	06/15/10

CLIENT SAMPLE ID

Project Name:	AMISTAD ACADEMY
Project Number:	223019
Field Sample ID:	AA-VCS-037

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	**220**
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	95	%
Decachlorobiphenyl	72	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 66912
Sample: 66912-6
Data File: L17657.D
Dilution Factor: 1.0

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	220	218	0.8	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

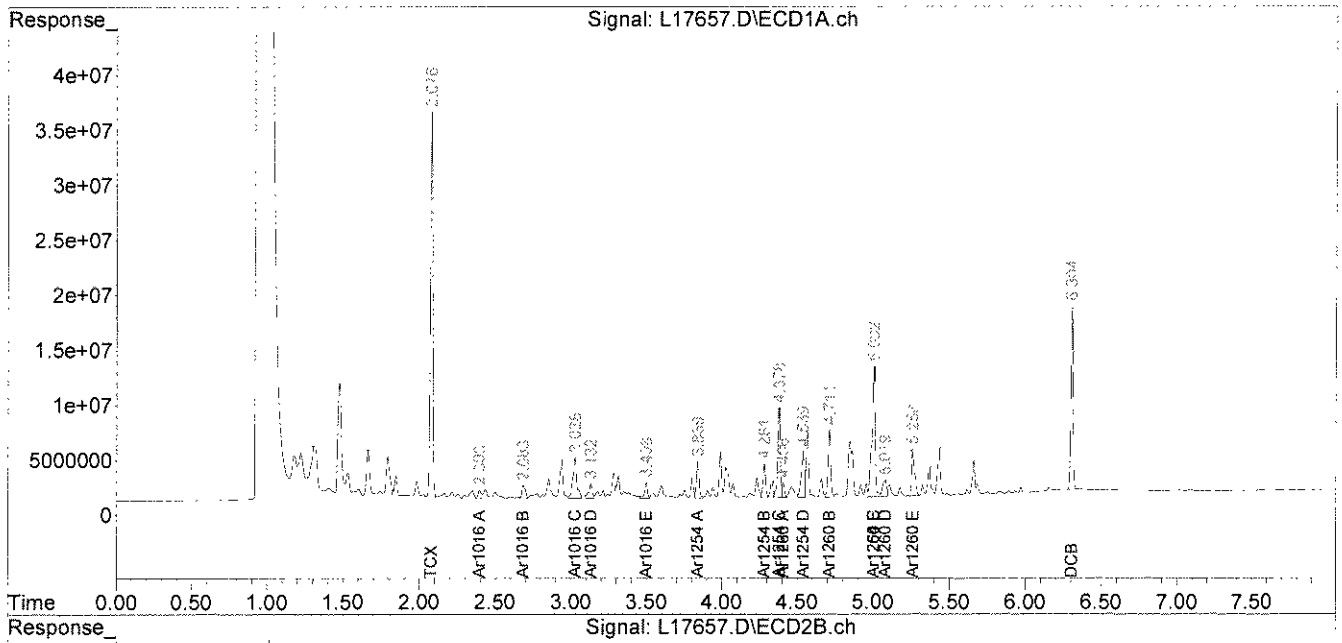
PCB FORM 10

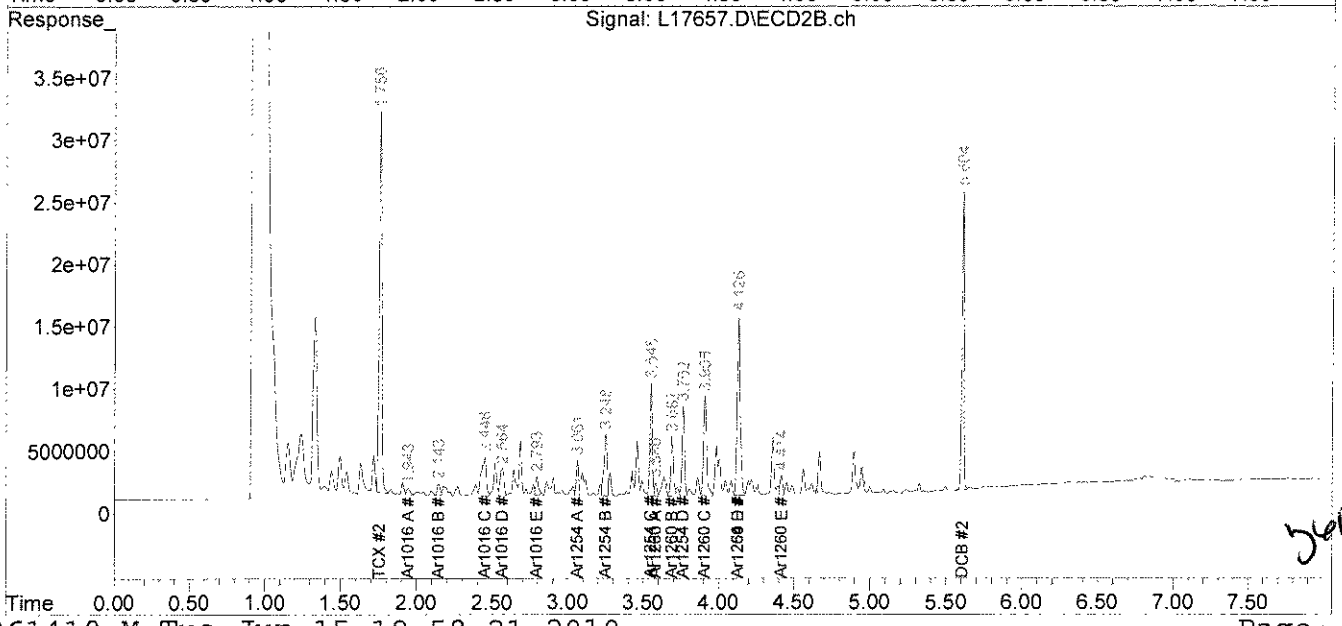
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\061410-L\
Data File : L17657.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Jun 10 8:32 am
Operator : AR
Sample : 66912-6
Misc : SOIL
ALS Vial : 29 Sample Multiplier: 1

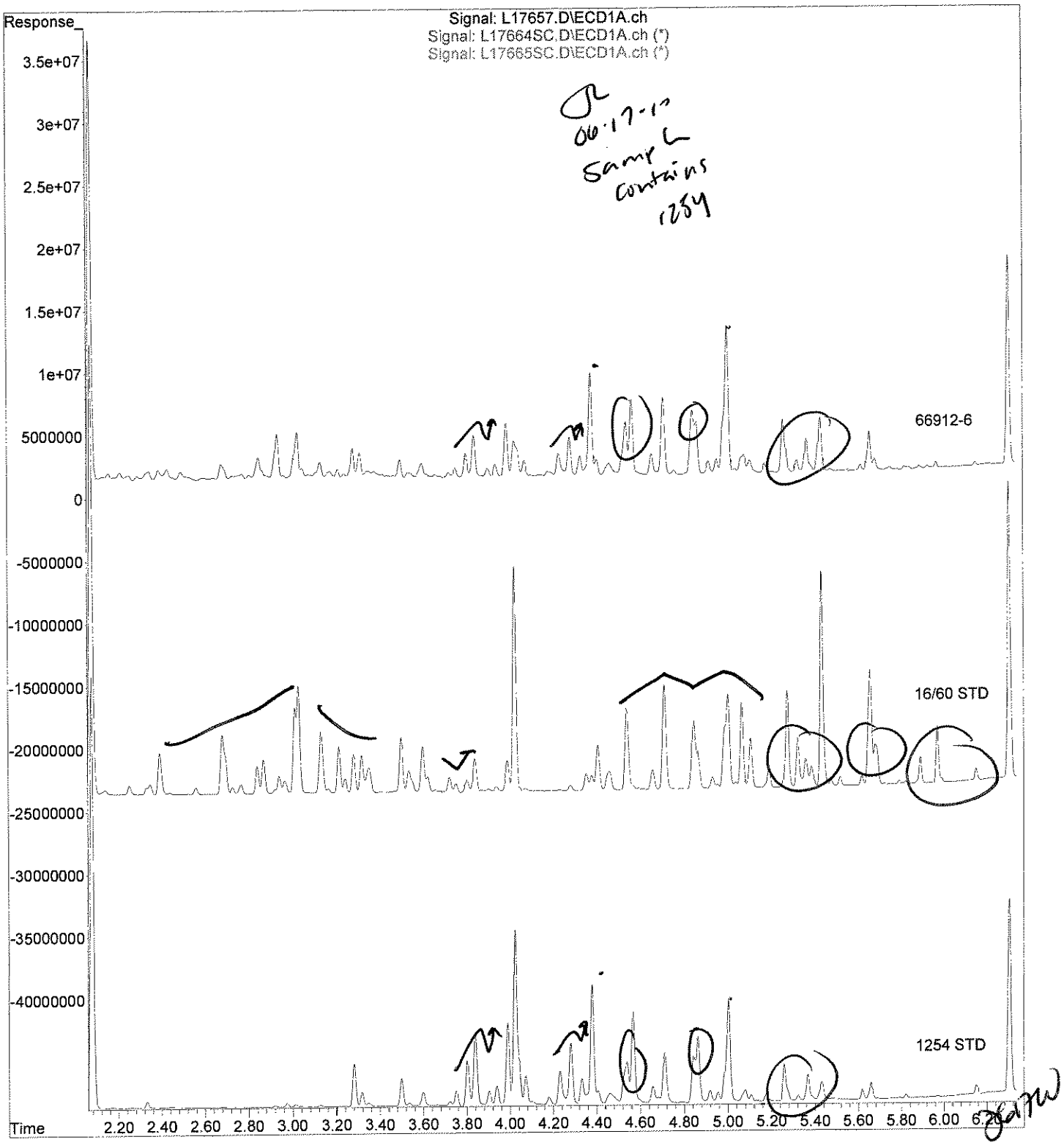
Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 15 19:58:21 2010
Quant Method : C:\msdchem\1\METHODS\PCB061410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 15 19:47:33 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





File :C:\msdchem\1\DATA\061410-L\L17657.D
Operator : AR
Acquired : 15 Jun 10 8:32 am using AcqMethod PEST.M
Instrument : Inst L
Sample Name: 66912-6
Misc Info : SOIL
Vial Number: 29



analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 17, 2010

SAMPLE DATA

Lab Sample ID:	66912-7
Matrix:	Solid
Percent Solid:	95
Dilution Factor:	1.0
Collection Date:	06/10/10
Lab Receipt Date:	06/11/10
Extraction Date:	06/11/10
Analysis Date:	06/15/10

CLIENT SAMPLE ID

Project Name:	AMISTAD ACADEMY
Project Number:	223019
Field Sample ID:	AA-VCS-038

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	**324**
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	69	%
Decachlorobiphenyl	57	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 66912
Sample: 66912-7
Data File: L17658.D
Dilution Factor: 1.0

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	310	324	4.4	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

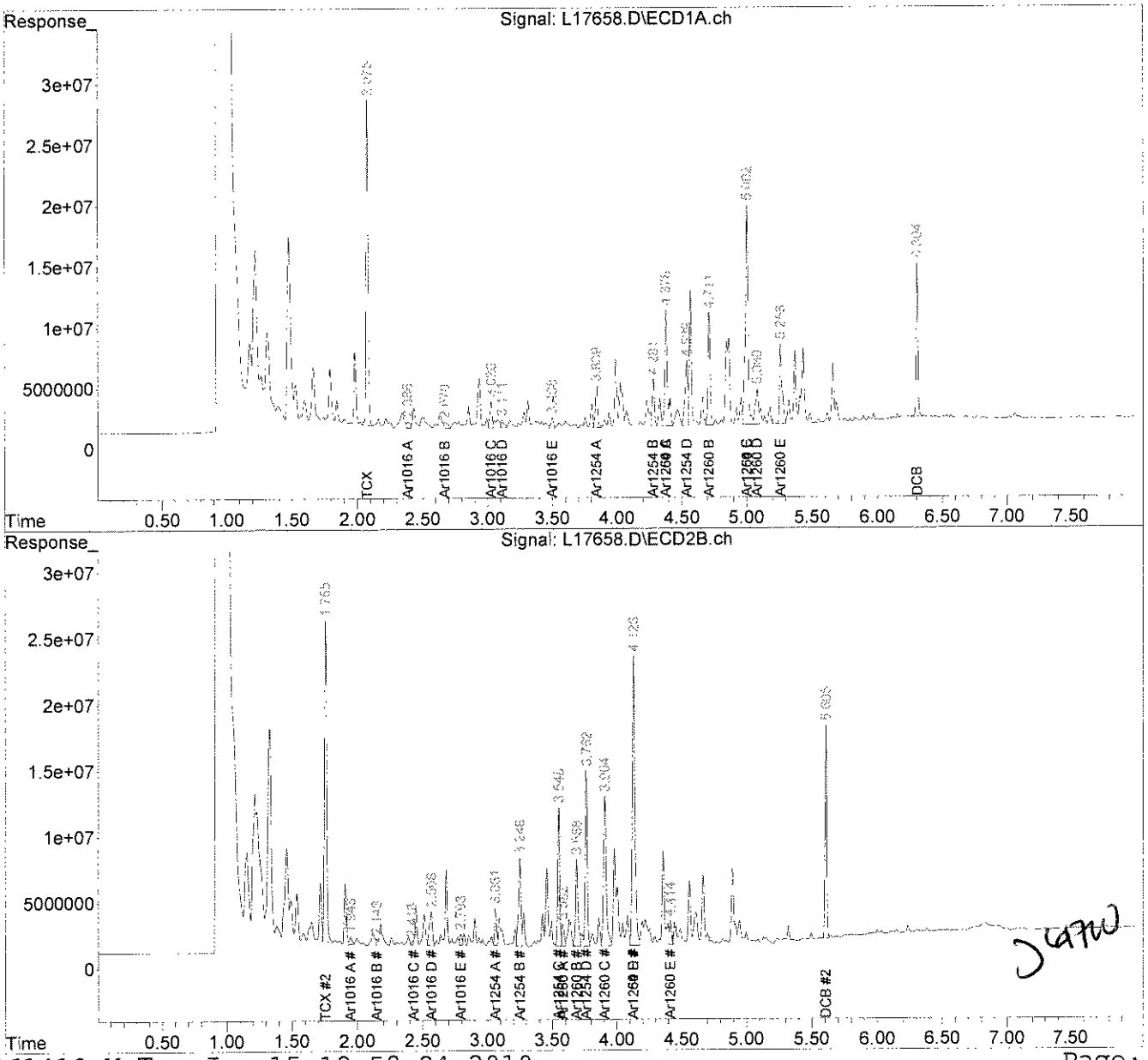
PCB FORM 10

Quantitation Report (Not Reviewed)

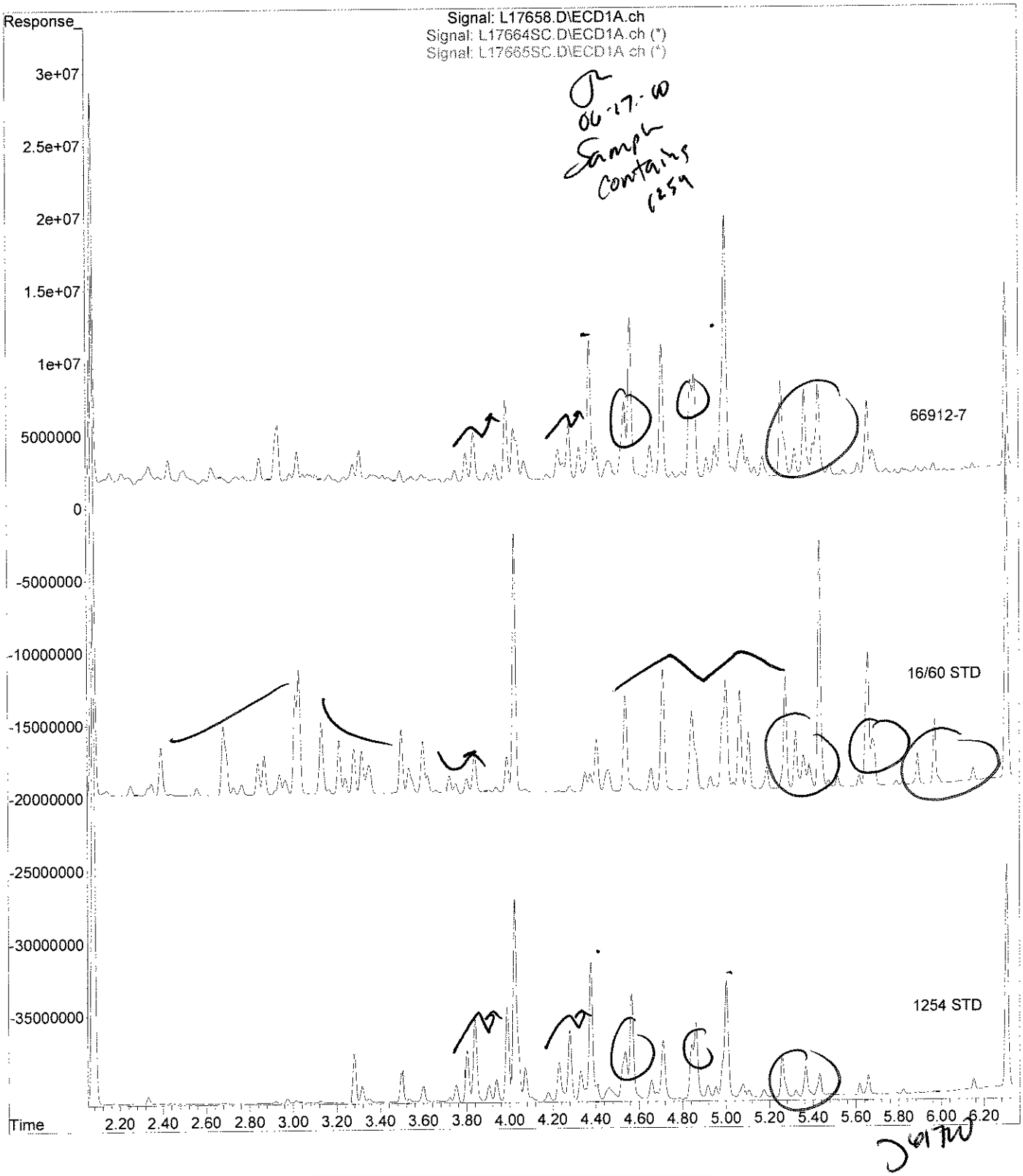
Data Path : C:\msdchem\1\DATA\061410-L\
Data File : L17658.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Jun 10 8:43 am
Operator : AR
Sample : 66912-7
Misc : SOIL
ALS Vial : 30 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 15 19:58:24 2010
Quant Method : C:\msdchem\1\METHODS\PCB061410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 15 19:47:33 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um



File :C:\msdchem\1\DATA\061410-L\L17658.D
Operator : AR
Acquired : 15 Jun 10 8:43 am using AcqMethod PEST.M
Instrument : Inst L
Sample Name: 66912-7
Misc Info : SOIL
Vial Number: 30



analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 17, 2010

SAMPLE DATA

Lab Sample ID:	66912-8
Matrix:	Solid
Percent Solid:	95
Dilution Factor:	1.0
Collection Date:	06/10/10
Lab Receipt Date:	06/11/10
Extraction Date:	06/11/10
Analysis Date:	06/15/10

CLIENT SAMPLE ID

Project Name:	AMISTAD ACADEMY
Project Number:	223019
Field Sample ID:	AA-VCS-539

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	**206**
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	70	%
Decachlorobiphenyl	54	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 66912
Sample: 66912-8
Data File: L17661.D
Dilution Factor: 1.0

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	195	206	5.5	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

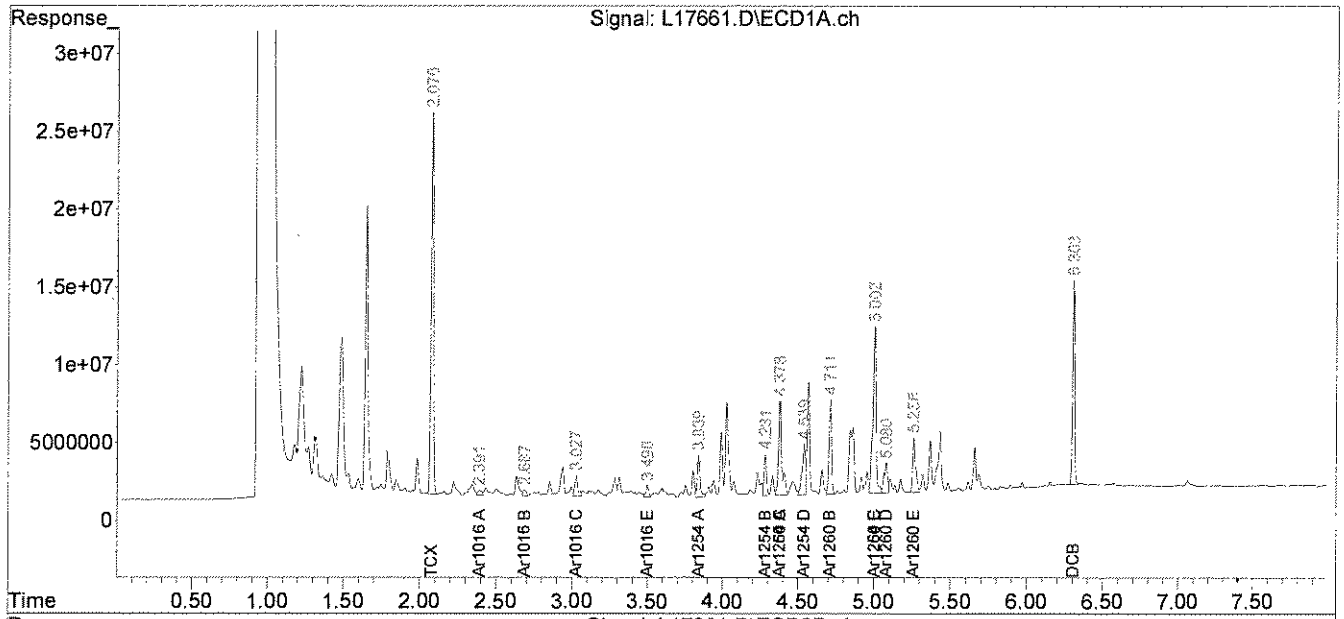
PCB FORM 10

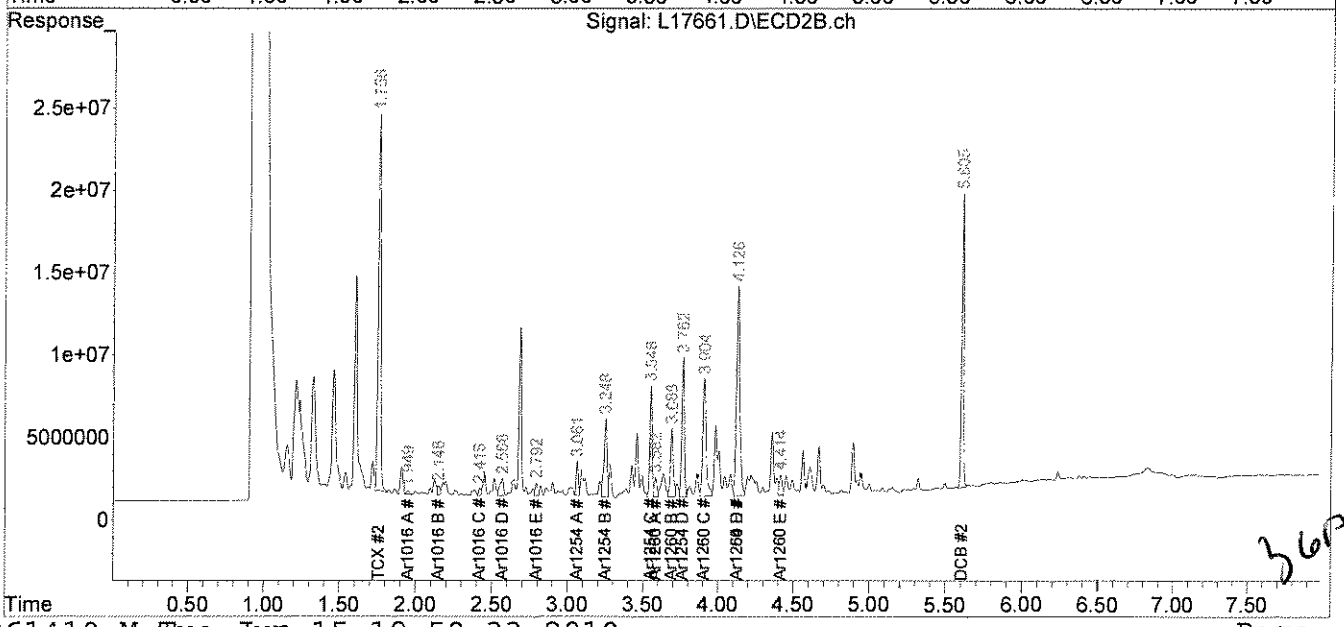
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\061410-L\
Data File : L17661.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Jun 10 9:14 am
Operator : AR
Sample : 66912-8
Misc : SOIL
ALS Vial : 33 Sample Multiplier: 1

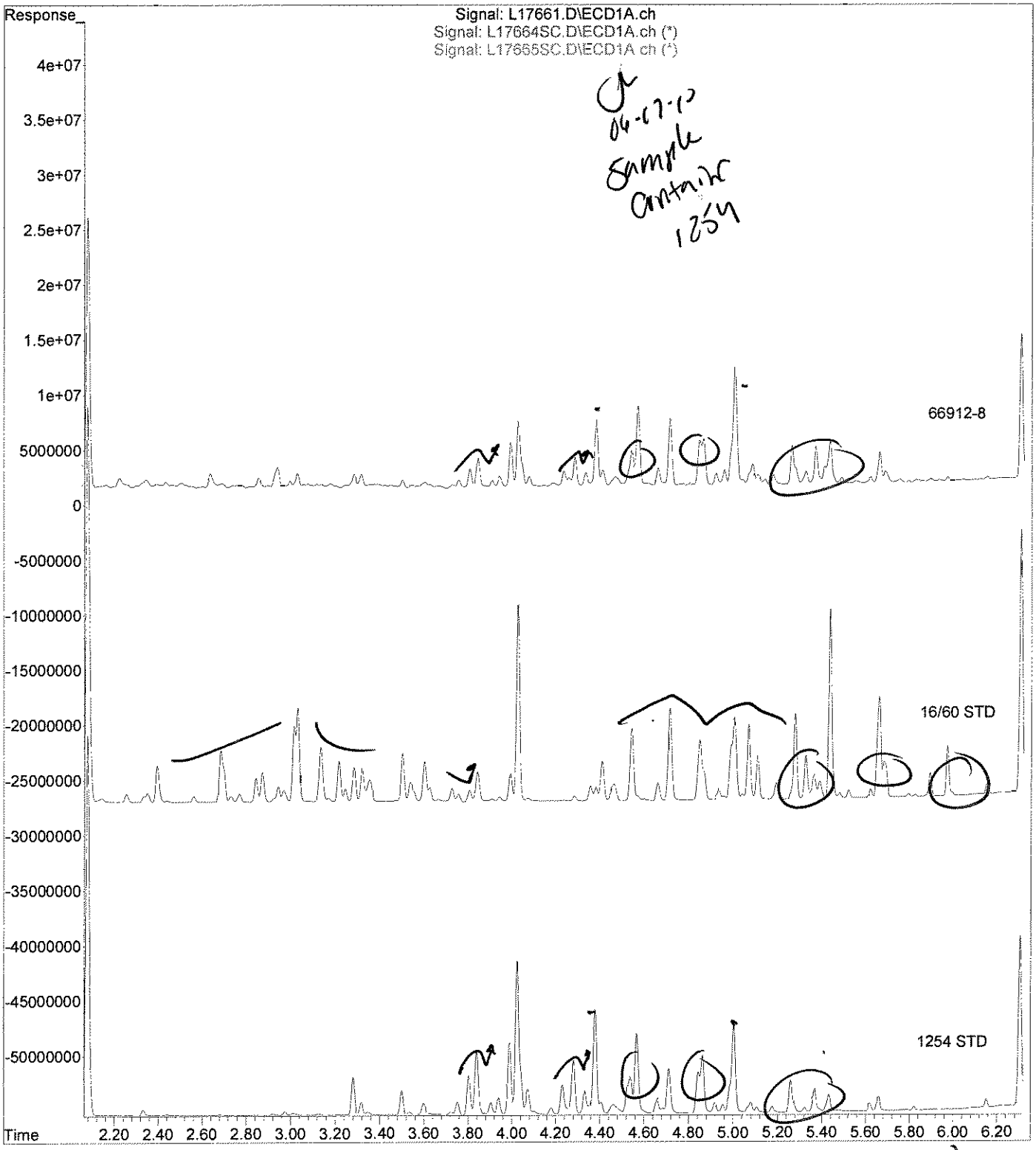
Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 15 19:58:33 2010
Quant Method : C:\msdchem\1\METHODS\PCB061410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 15 19:47:33 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





File :C:\msdchem\1\DATA\061410-L\L17661.D
Operator : AR
Acquired : 15 Jun 10 9:14 am using AcqMethod PEST.M
Instrument : Inst L
Sample Name: 66912-8
Misc Info : SOIL
Vial Number: 33



analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 17, 2010

SAMPLE DATA

Lab Sample ID:	66912-9
Matrix:	Wipe
Percent Solid:	N/A
Dilution Factor:	1.0
Collection Date:	06/10/10
Lab Receipt Date:	06/11/10
Extraction Date:	06/11/10
Analysis Date:	06/15/10

CLIENT SAMPLE ID

Project Name:	AMISTAD ACADEMY
Project Number:	223019
Field Sample ID:	AA-VWP-043

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/wipe	Results µg/wipe
PCB-1016	0.5	U
PCB-1221	0.5	U
PCB-1232	0.5	U
PCB-1242	0.5	U
PCB-1248	0.5	U
PCB-1254	0.5	U
PCB-1260	0.5	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	89	%
Decachlorobiphenyl	62	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS:

PCB Report

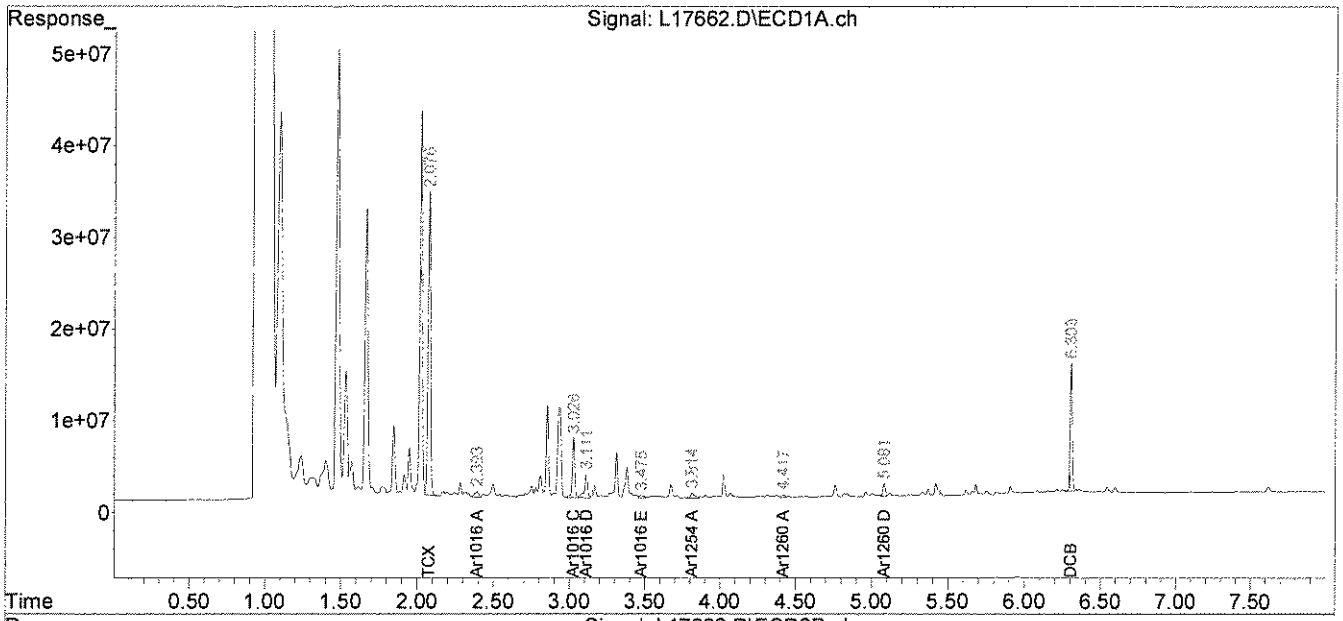
Authorized signature

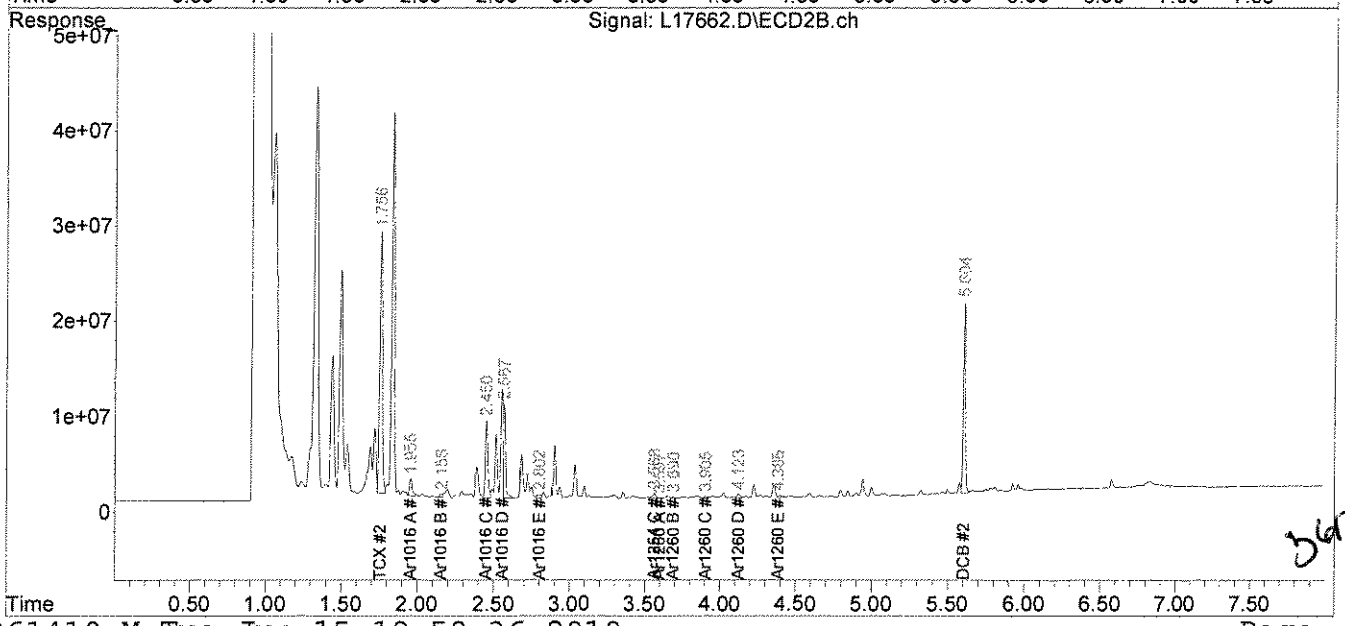
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\061410-L\
Data File : L17662.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Jun 10 9:24 am
Operator : AR
Sample : 66912-9
Misc : SOIL
ALS Vial : 34 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 15 19:58:36 2010
Quant Method : C:\msdchem\1\METHODS\PCB061410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 15 19:47:33 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 17, 2010

SAMPLE DATA

Lab Sample ID: 66912-10
Matrix: Wipe
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date: 06/10/10
Lab Receipt Date: 06/11/10
Extraction Date: 06/11/10
Analysis Date: 06/15/10

CLIENT SAMPLE ID

Project Name: AMISTAD ACADEMY
Project Number: 223019
Field Sample ID: AA-VWP-044

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/wipe	Results µg/wipe
PCB-1016	0.5	U
PCB-1221	0.5	U
PCB-1232	0.5	U
PCB-1242	0.5	U
PCB-1248	0.5	U
PCB-1254	0.5	U
PCB-1260	0.5	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	86	%
Decachlorobiphenyl	61	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS:

PCB Report

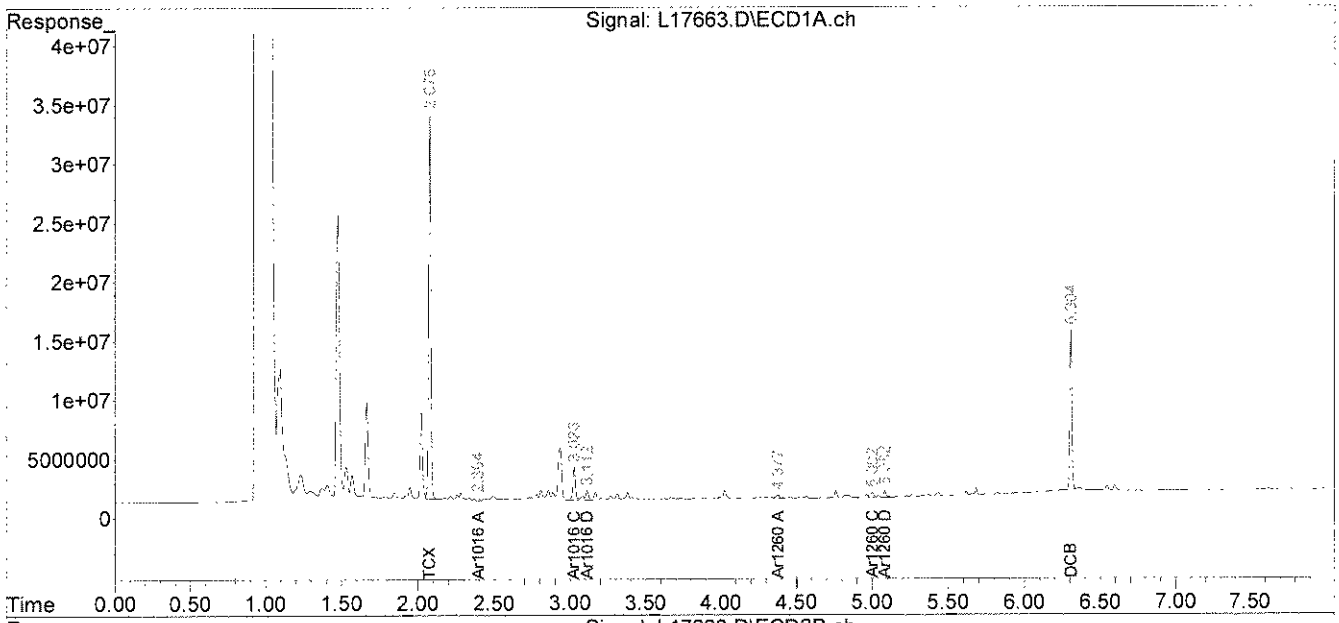
Authorized signature

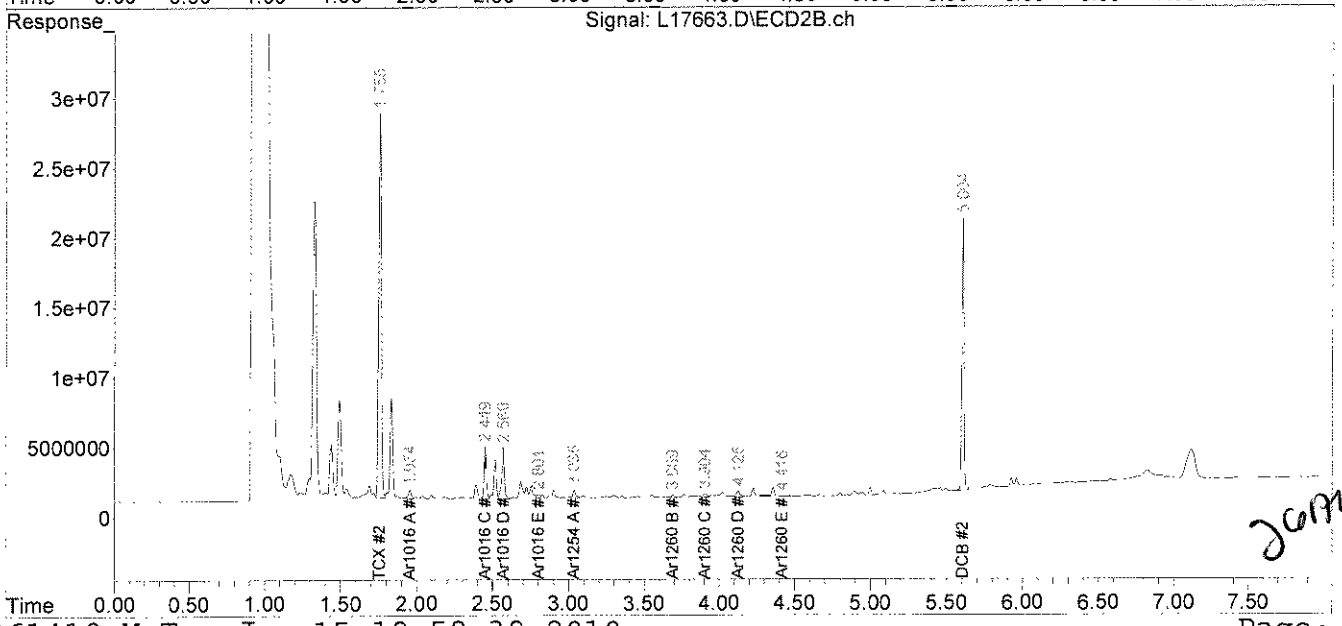
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\061410-L\
Data File : L17663.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Jun 10 9:34 am
Operator : AR
Sample : 66912-10
Misc : SOIL
ALS Vial : 35 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 15 19:58:39 2010
Quant Method : C:\msdchem\1\METHODS\PCB061410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 15 19:47:33 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





JCPW

PCB
QC FORMS

AnalyticsLLC:AEL Documents LLC:Pkg Dividers:PCBQC.doc

PCB SOIL
SYSTEM MONITORING COMPOUNDS
SUMMARY

Instrument ID: L
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 66912

		Column #1				Column #2		
SAMPLE ID	SMC 1 (%)	#	SMC 2 (%)	#	SMC 1 (%)	#	SMC 2 (%)	#
B061110PSOX	93		63		88		65	
L061110PSOX	87		62		85		62	
LD061110PSOX	88		60		85		60	
66912-1	91		68		93		67	
66912-2	89		55		86		53	
66912-4	58		53		65		52	
66912-5	76		63		82		56	
66912-6	91		73		95		72	
66912-7	69		57		74		49	
66912-7,MS	49		40		51		33	*
66912-7,MSD	54		44		58		39	*
66912-8	63		58		70		54	
66912-9	89		62		87		61	
66912-10	86		61		86		60	

		Lower Limit	Upper Limit
SMC #1 =	TCX	40	130
SMC #2 =	DCB	40	130

\# Column to be used to flag recovery values outside of QC limits
* Values outside QC limits
D System Monitoring Compound diluted out

PCB FORM 2

PCB AQUEOUS
SYSTEM MONITORING COMPOUNDS
SUMMARY

Instrument ID: L
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG:

	Column #1				Column #2			
SAMPLE ID	SMC 1 (%)	#	SMC 2 (%)	#	SMC 1 (%)	#	SMC 2 (%)	#
B061110PW	87		63		90		61	
L061110PWB	89		63		91		61	
LD061110PWB	87		62		90		60	
66912-3	86		61		88		59	

		Lower Limit	Upper Limit
SMC #1 =	TCX	46	122
SMC #2 =	DCB	40	135

Column to be used to flag recovery values outside of QC limits
* Values outside QC limits
D System Monitoring Compound diluted out

PCB SOIL
LABORATORY CONTROL SAMPLE/DUPLICATE
PERCENT RECOVERY

Instrument ID: M

GC Column #1: STX-CLPesticides I

Column ID: 0.25 mm

GC Column #2: STX-CLPesticides II

Column ID: 0.25 mm

SDG:

Non-spiked sample: B061110PSOX

Spike: L061110PSOX

Spike duplicate: LD061110PSOX

COMPOUND	LCS SPIKE ADDED (ug/kg)	LCSD SPIKE ADDED (ug/kg)	LOWER LIMIT	UPPER LIMIT	RPD LIMIT	NON-SPIKE RESULT (ug/kg)	SPIKE RESULT (ug/kg)	SPIKE % REC	#	SPIKE DUP RESULT (ug/kg)	SPIKE DUP % REC	#	RPD	#
PCB 1016	200	200	65	140	30	0	207	103		222	111		7.1	
PCB 1260	200	200	60	130	30	0	198	99		205	103		3.4	
PCB 1016 #2	200	200	65	140	30	0	276	138		296	148	*	7.0	
PCB 1260 #2	200	200	60	130	30	0	190	95		191	95		0.4	

Column to be used to flag recovery and RPD values outside of QC limits

* Values outside QC limits

LCS/LCSD spike added values have been weight adjusted.

Non-spike result of "0" used in place of "U" to allow calculation of spike recovery.

Comments: _____

_____

PCB SOIL
MATRIX SPIKE/DUPLICATE
PERCENT RECOVERY

Instrument ID: M

GC Column #1: STX-CLPesticides I

Column ID: 0.25 mm

GC Column #2: STX-CLPesticides II

Column ID: 0.25 mm

SDG: 66912

Non-spiked sample: 66912-7

Spike: 66912-7,MS

Spike duplicate: 66912-7,MSD

COMPOUND	LCS SPIKE ADDED (ug/kg)	LCSD SPIKE ADDED (ug/kg)	LOWER LIMIT	UPPER LIMIT	RPD LIMIT	NON-SPIKE RESULT (ug/kg)	SPIKE RESULT (ug/kg)	SPIKE % REC	#	SPIKE DUP RESULT (ug/kg)	SPIKE DUP % REC	#	RPD	#
PCB 1016	205	207	65	140	30	0	137	67		166	80		18.6	
PCB 1260	205	207	60	130	30	0	251	122		286	138	*	12.5	
PCB 1016 #2	205	207	65	140	30	0	154	75		270	130		54.1	*
PCB 1260 #2	205	207	60	130	30	0	252	123		207	100		20.4	

Column to be used to flag recovery and RPD values outside of QC limits

* Values outside QC limits

LCS/LCSD spike added values have been weight adjusted.

Non-spike result of "0" used in place of "U" to allow calculation of spike recovery.

Comments: _____

_____

PCB AQUEOUS
LABORATORY CONTROL SAMPLE/DUPLICATE
PERCENT RECOVERY

Instrument ID: M

GC Column #1: STX-CLPesticides I

Column ID: 0.25 mm

GC Column #2: STX-CLPesticides II

Column ID: 0.25 mm

SDG:

Non-spiked sample: B061110PW

Spike: L061110PWB

Spike duplicate: LD061110PWB

COMPOUND	LCS SPIKE ADDED (ug/L)	LCSD SPIKE ADDED (ug/L)	LOWER LIMIT	UPPER LIMIT	RPD LIMIT	NON-SPIKE RESULT (ug/L)	SPIKE RESULT (ug/L)	SPIKE % REC	#	SPIKE DUP RESULT (ug/L)	SPIKE DUP % REC	#	RPD	#
PCB 1254	200	200	40	140	20	0	192	96		192	96		0.3	
PCB 1254 #2	200	200	40	1140	20	0	193	97		203	102		5.1	

Column to be used to flag recovery and RPD values outside of QC limits

* Values outside QC limits

LCS/LCSD spike added values have been weight adjusted.

Non-spike result of "0" used in place of "U" to allow calculation of spike recovery.

Comments: _____

_____

PCB FORM 3

CHAIN OF CUSTODIES

Chain Of Custody Form

Analytics environmental laboratory LLC
195 Commerce Way Suite E
Portsmouth, NH 03801
Phone (603) 436-5111
Fax (603) 430-2151

Project#: 223019 Proj. Name: AMISTAD ACADEMY
Company: Woodard &Curran
Contact: GEORGE FRANKLIN / JEFF HAMEL
Address: 41 Hutchins Drive
Portland, ME
Phone: (207)774-2112 PO# Quote # WCI 03051001
Sampler (Signature): Jesse Abery

Matrix Key:
C = Concrete
WP = Wipe
WW = Wastewater
SW = Surface Water
GW = Groundwater
DW = Drinking Water
S = Soil/Sludge
O = Oil
E = Extract
B-Brick
D=LAB DI

Preservation

Container Key
P=plastic G=glass

For Analytics Use Only Rev. 5 06/18/08
Samples were:
1) Shipped or hand-delivered
2) Temp blank °C 4
3) Received in good condition (Y) or N
4) pH checked by: KAM 6/11/10
5) Labels checked by: 6/11/10

Station Identification	Sample Date	Sample Time	Analysis	Unpres	4° C	HNO_3	H_2SO_4	HCL	Methanol	Other	Matrix	Container number/type		pH	Analytics Sample #
AA-VBS-041	6/10/10	1140	PCB's by		✓						B	1	G		66912-1
AA-VBS-042		1150			✓						B	1	G		-2
AA-VCS-Q-040		1200	U.S. EPA		✓						D	1	G	5.0	-3
AA-VCS-035		1230	8082 w/		✓						C	1	G		-4
AA-VCS-036		1240	Soxhlet		✓						C	1	G		-5
AA-VCS-037		1250	Extraction		✓						C	1	G		-6
AA-VCS-038		1210			✓						C	1	G		-7
AA-VCS-539		1220			✓						C	1	G		-8
AA-VWP-043		1425							✓		WP	1	G		-9
AA-VWP-044		1435			Hexane				✓		WP	1	G		-10

BB 6/11/10

Email Results to:
franklin@woodardcurran.com
jhamel...

Turnaround Time (TAT)
☐ 24hr* ☐ 48hr*
☐ 72hr* ☑ 5 Days* STD TURN AROUND 3-5 DAYS
☐ 10 Days
*Fee may apply; lab approval required

Comments / Instructions:
R.L. ≤ 1.0mg/kg.
*Samples for PCB analysis were negative for chlorine
KAM 6/11/10

Project Requirements:
*Fee may apply

Report Type:
☐ MCP* ☑ Level II*
☐ CTRCP* ☐ Level III*
☐ DOD* ☐ Level IV*
☐ Standard

State:
☐ NH
☐ MA
☐ ME
☑ CT
☐ RI
Other:

State Standard:
(eg. S-1 or GW-1)
EDD Required: (Y*) N
Type: .xls

	Received By:	Received By:	Received By:
Time:	1442	1155	
Date:	6/10/10	6/11/10	
Relinquished By Sampler:	Jesse Abery		
Relinquished By:			
Relinquished By:			

Analytics\AEL Documents\AEL COC

Page 1 of 1

ANALYTICS SAMPLE RECEIPT CHECKLIST

analytics environmental laboratory LLC

AEL LAB#: 66912
CLIENT: Woodard
PROJECT: Amistad Academy

COOLER NUMBER: NA
NUMBER OF COOLERS: 1
DATE RECEIVED: 6-11-10

A: PRELIMINARY EXAMINATION:

DATE COOLER OPENED: 6-11-10

1. Cooler received by(initials): KAM — Date Received: 6-11-10

2. Circle one: Hand delivered ~~(If so, skip 3)~~ Shipped

3. Did cooler come with a shipping slip? Y (NA)

3a. Enter carrier name and airbill number here: NA

4. Were custody seals on the outside of cooler? Y (NA)
How many & where: NA Seal Date: NA Seal Name: NA

5. Did the custody seals arrive unbroken and intact upon arrival? Y (NA)

6. COC#: NA

7. Were Custody papers filled out properly (ink,signed, etc)? (Y) N

8. Were custody papers sealed in a plastic bag? Y (N)

9. Did you sign the COC in the appropriate place? (Y) N

10. Was the project identifiable from the COC papers? (Y) N

11. Was enough ice used to chill the cooler? (Y) N Temp. of cooler: 4°C

B. Log-In: Date samples were logged in: 6-11-10 By: KAM

12. Type of packing in cooler(bubble wrap, popcorn) (Y) N

13. Were all bottles sealed in separate plastic bags? (Y) N

14. Did all bottles arrive unbroken and were labels in good condition? (Y) N

15. Were all bottle labels complete(ID,Date,time,etc.) (Y) N

16. Did all bottle labels agree with custody papers? (Y) N

17. Were the correct containers used for the tests indicated: (Y) N

18. Were samples received at the correct pH? (Y) N

19. Was sufficient amount of sample sent for the tests indicated? (Y) N

20. Were bubbles absent in VOA samples? Y (N/A)

If NO, List Sample ID's and Lab #s: _____

21. Laboratory labeling verified by (initials): [signature] Date: 6/11/10

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

June 19, 2010

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

RE: Analytical Results Case Narrative
Analytics # 66948
AMISTAD ACADEMY

Dear Mr. Franklin;

Enclosed please find the analytical results for samples submitted for the above-mentioned project. The attached Cover Page lists the sample IDs, Lab tracking numbers and collection dates for the samples included in this deliverable.

Samples were analyzed Polychlorinated Biphenyls (PCBs) by EPA Method 8082.

Unless otherwise noted in the Non-conformance Summary listed below, all of the quality control (QC) criteria including initial calibration, calibration verification, surrogate recovery, holding time and method accuracy/precision for these analyses were within acceptable limits.

This Level II data package has been assembled in the following order:

Case Narrative/Non-Conformance Summary
Sample Log Sheet - Cover Page
PCB Form 1 Data Sheet for Samples and Blanks
Chromatograms
PCB Form 10 Confirmation Results
PCB Form 3 MS/MSD (LCS) Recoveries
Chain of Custody (COC) Forms

QC NON-CONFORMANCE SUMMARY

Sample Receipt:
No exceptions.

PCBs by EPA Method 8082:
No results were reported below the quantitation limit.

Sample 66948-8 was analyzed a dilution due to the concentrations of PCBs detected in the sample.

If you have any questions on these results, please do not hesitate to contact me.

Sincerely,
ANALYTICS Environmental Laboratory, LLC

Stephen L. Knollmeyer
Laboratory Director

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

Report Number: 66948

Revision: Rev. 0

Re: AMISTAD ACADEMY (Project No: 223019)

Enclosed are the results of the analyses on your sample(s). Samples were received on 15 June 2010 and analyzed for the tests listed. Samples were received in acceptable condition, with the exceptions noted below or on the chain of custody. These results pertain to samples as received by the laboratory and for the analytical tests requested on the chain of custody. The results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report. Please see individual reports for specific methodologies and references.

Sample Analysis: The attached pages detail the Client Sample IDs, Lab Sample IDs, and Analyses requested

Sample Receipt Exceptions: None

Analytics Environmental Laboratory is certified by the states of New Hampshire, Maine, Massachusetts, Connecticut, Rhode Island, Virginia, Maryland, and is accredited by the Deparment of Defense (DOD) ELAP program. A list of actual certified parameters is available upon request.

If you have any questions on these results, please do not hesitate to contact us.

Authorized signature _____
Stephen L. Knollmeyer Lab. Director

Date 6/19/2010

This report shall not be reproduced, except in full, without the written consent of Analytics Environmental Laboratory, LLC.

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

CLIENT: Woodard & Curran **REPORT NUMBER: 66948** **REV: Rev. 0**

PROJECT: AMISTAD ACADEMY (Project No: 223019)

Lab Number	Sample Date	Station Location	Analysis	Comments
66948-1	06/14/10	AA-VWP-045	EPA 8082 (PCBs only)	
66948-2	06/14/10	AA-VWP-046	EPA 8082 (PCBs only)	
66948-3	06/14/10	AA-VWP-047	EPA 8082 (PCBs only)	
66948-4	06/14/10	AA-VWP-048	EPA 8082 (PCBs only)	
66948-5	06/14/10	AA-VWP-049	EPA 8082 (PCBs only)	
66948-6	06/14/10	AA-VWP-050	EPA 8082 (PCBs only)	
66948-7	06/14/10	AA-VWP-051	EPA 8082 (PCBs only)	
66948-8	06/14/10	AA-VWP-052	EPA 8082 (PCBs only)	
66948-9	06/14/10	AA-VWP-053	EPA 8082 (PCBs only)	
66948-10	06/14/10	AA-VWP-054	EPA 8082 (PCBs only)	
66948-11	06/14/10	AA-VWP-055	EPA 8082 (PCBs only)	
66948-12	06/14/10	AA-VWP-056	EPA 8082 (PCBs only)	
66948-13	06/14/10	AA-VWP-057	Electronic Data Deliverable	
	06/14/10	AA-VWP-057	EPA 8082 (PCBs only)	

Surrogate Compound Limits

Matrix:	Aqueous	Solid	
Units:	% Recovery	% Recovery	Method
Volatile Organic Compounds - Drinking Water			
1,4-Difluorobenzene	70-130		EPA 524.2
Bromofluorobenzene	70-130		
1,2-Dichlorobenzene-d4	70-130		
Volatile Organic Compounds			
1,2-Dichloroethane-d4	70-120	70-120	EPA 624/8260B
Toluene-d8	85-120	85-120	
Bromofluorobenzene	75-120	75-120	
Semi-Volatile Organic Compounds			
2-Fluorophenol	20-110	35-105	EPA 625/8270C
d5-Phenol	15-110	40-100	
d5-nitrobenzene	40-110	35-100	
2-Fluorobiphenyl	50-110	45-105	
2,4,6-Tribromophenol	40-110	40-125	
d14-p-terphenyl	50-130	30-125	
PAH's by SIM			
d5-nitrobenzene	21-110	35-110	EPA 8270C
2-Fluorobiphenyl	36-121	45-105	
d14-p-terphenyl	33-141	30-125	
Pesticides and PCBs			
2,4,5,6-Tetrachloro-m-xylene (TCX)	46-122	40-130	EPA 608/8082
Decachlorobiphenyl (DCB)	40-135	40-130	
Herbicides			
Dichloroacetic acid (DCAA)	30-150	30-150	
Gasoline Range Organics/TPH Gasoline			
Trifluorotoluene TFT (FID)	60-140	60-140	MEDEP 4217/EPA 8015
Bromofluorobenzene (BFB) (FID)	60-140	60-140	
Trifluorotoluene TFT (PID)	60-140	60-140	
Bromofluorobenzene (BFB) (PID)	60-140	60-140	
Diesel Range Organics/TPH Diesel			
m-terphenyl	60-140	60-140	MEDEP 4125/EPA 8015/CT ETPH
Volatile Petroleum Hydrocarbons			
2,5-Dibromotoluene (PID)	70-130	70-130	MADEP VPH May 2004 Rev1.1
2,5-Dibromotoluene (FID)	70-130	70-130	
Extracatable Petroleum Hydrocarbons			
1-chloro-octadecane (aliphatic)	40-140	40-140	MADEP EPH May 2004 Rev1.1
o-Terphenyl (aromatic)	40-140	40-140	
2-Fluorobiphenyl (Fractionation)	40-140	40-140	
2-Bromonaphthalene (fractionation)	40-140	40-140	

PCB
DATA SUMMARIES

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 18, 2010

SAMPLE DATA

Lab Sample ID: B061610PSOX
Matrix: Wipe
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date:
Lab Receipt Date:
Extraction Date: 06/16/10
Analysis Date: 06/17/10

CLIENT SAMPLE ID

Project Name: AMISTAD ACADEMY
Project Number: 223019
Field Sample ID: Lab QC

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/wipe	Results µg/wipe
PCB-1016	0.5	U
PCB-1221	0.5	U
PCB-1232	0.5	U
PCB-1242	0.5	U
PCB-1248	0.5	U
PCB-1254	0.5	U
PCB-1260	0.5	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	103	%
Decachlorobiphenyl	66	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS:

PCB Report

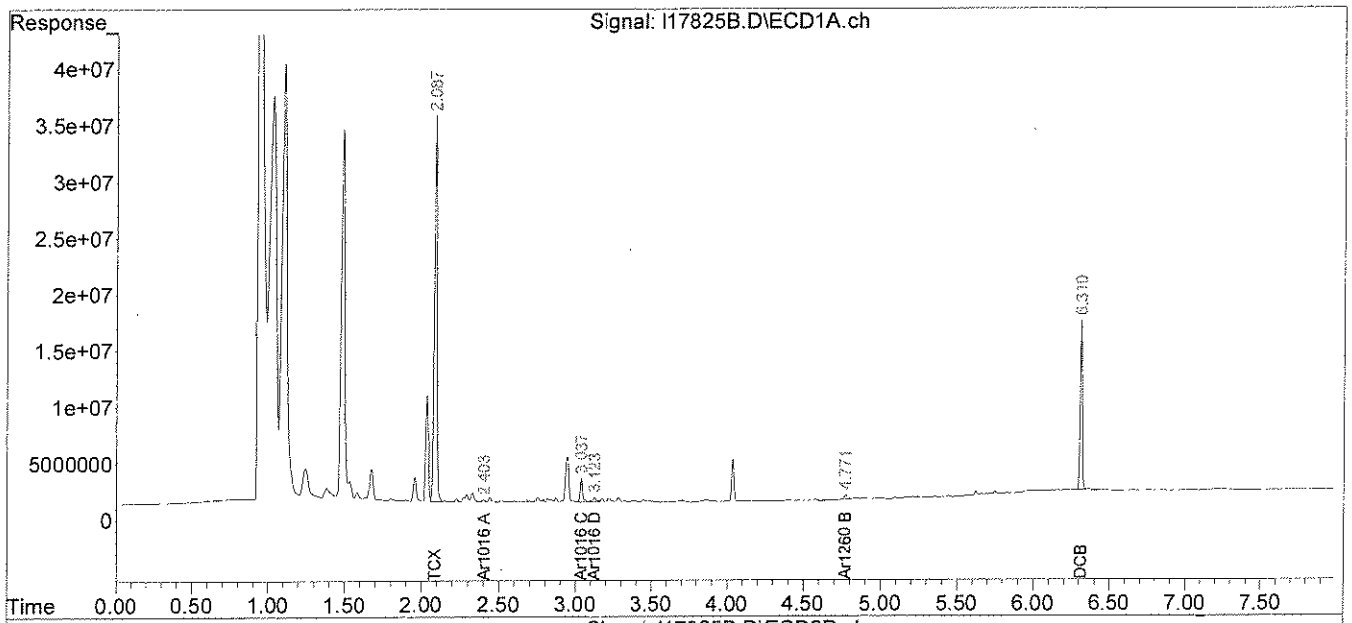
Authorized signature

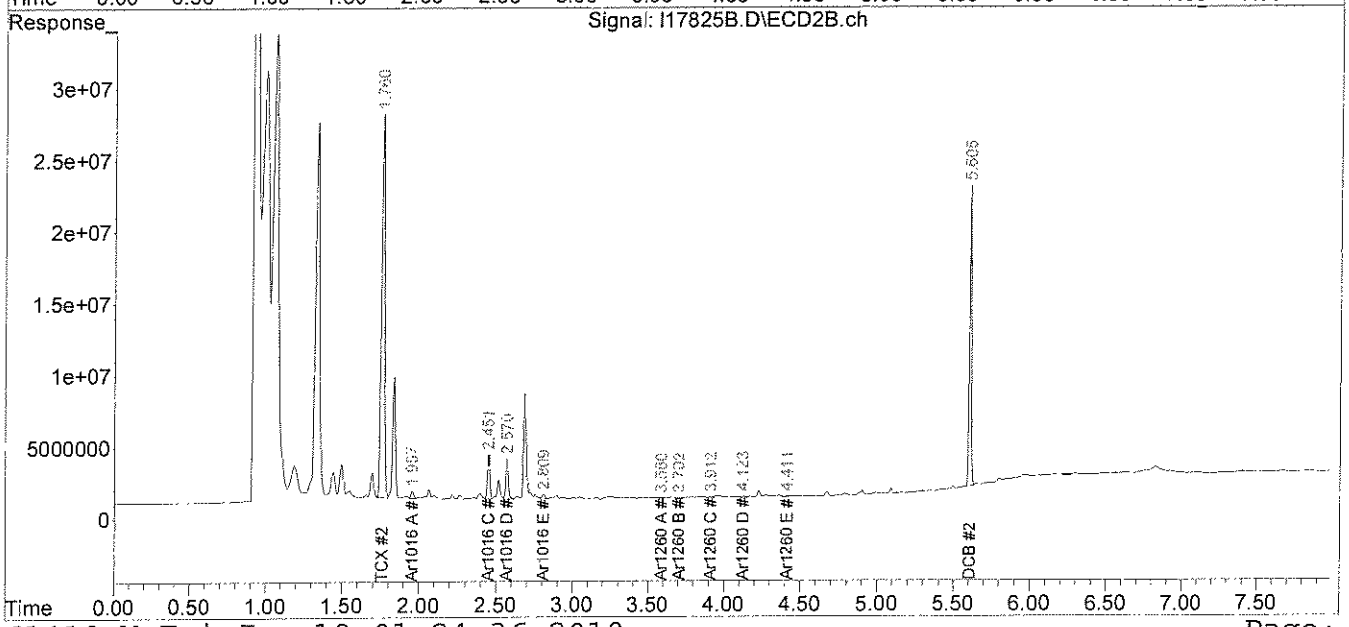
Data Path : C:\msdchem\1\DATA\061710-L\
Data File : l17825B.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 10 4:38 pm
Operator : JK
Sample : B061610PSOX,,A/C
Misc : SOIL
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 18 01:24:36 2010
Quant Method : C:\msdchem\1\METHODS\PCB061410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 15 19:47:33 2010
Response via : Initial Calibration
Integrator: ChemStation

6/18/10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 18, 2010

SAMPLE DATA

Lab Sample ID: B061610PSOX RR
Matrix: Wipe
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date:
Lab Receipt Date:
Extraction Date: 06/16/10
Analysis Date: 06/17/10

CLIENT SAMPLE ID

Project Name: AMISTAD ACADEMY
Project Number: 223019
Field Sample ID: Lab QC

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/wipe	Results µg/wipe
PCB-1016	0.5	U
PCB-1221	0.5	U
PCB-1232	0.5	U
PCB-1242	0.5	U
PCB-1248	0.5	U
PCB-1254	0.5	U
PCB-1260	0.5	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	99	%
Decachlorobiphenyl	68	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS:

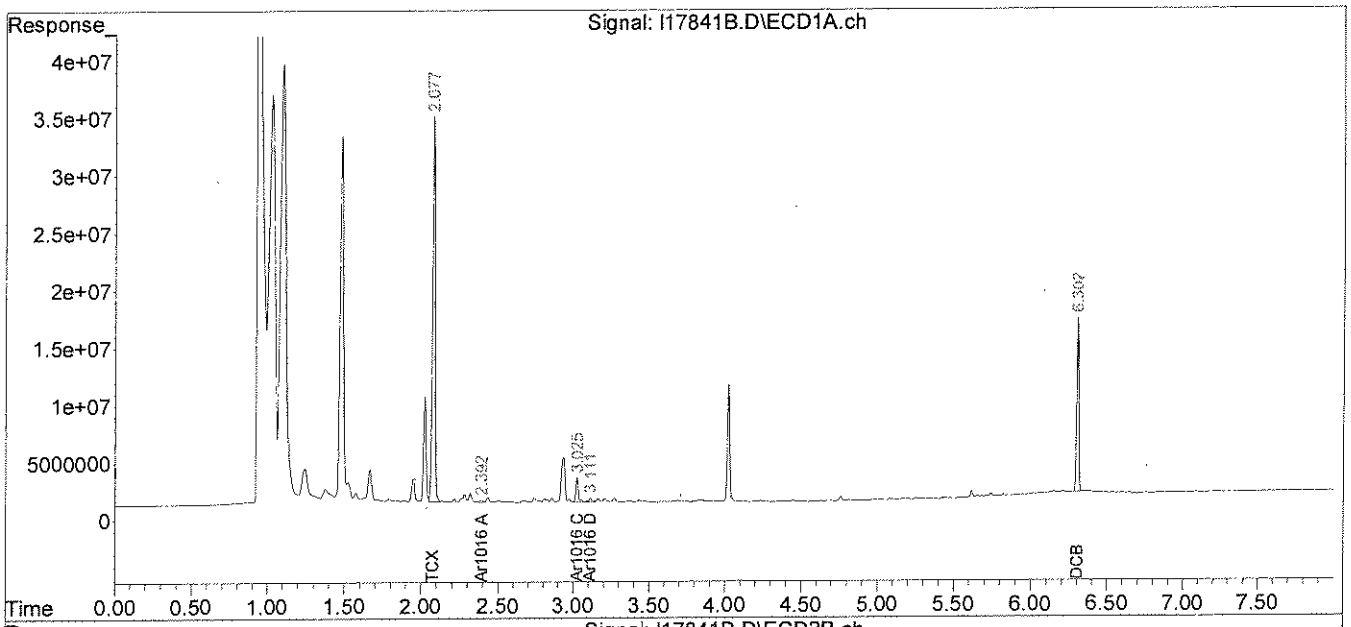
PCB Report

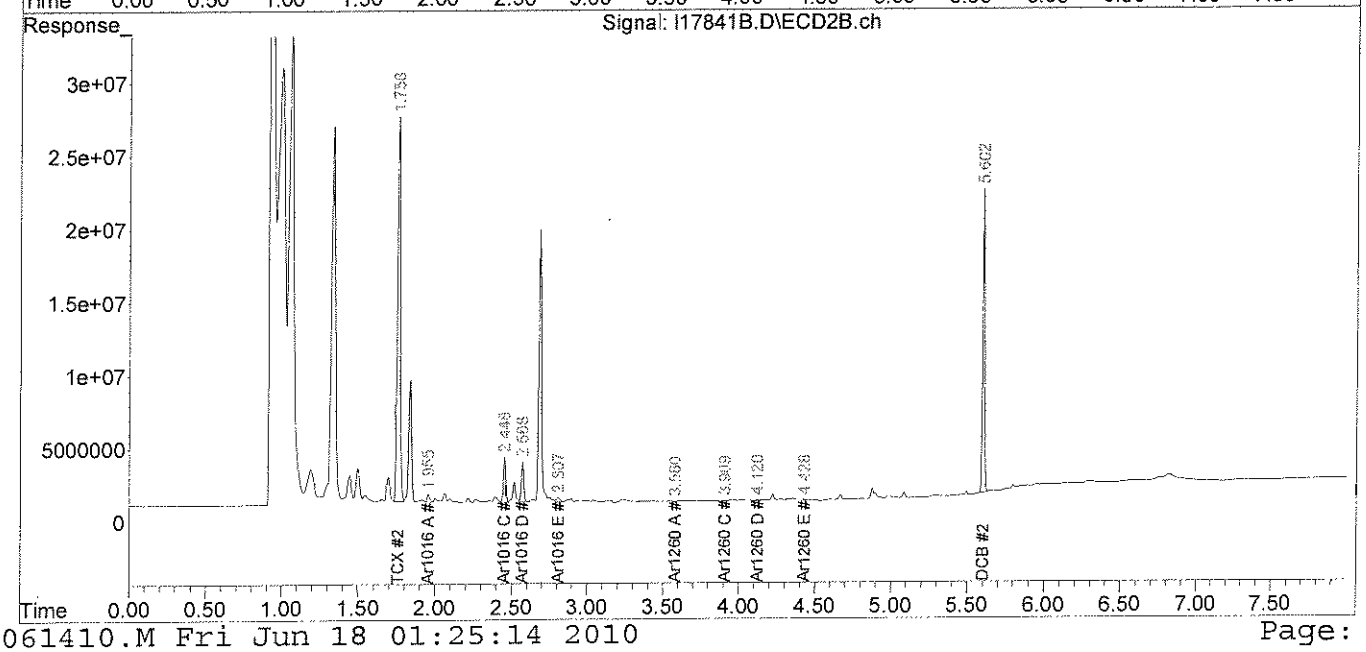
Authorized signature

Data Path : C:\msdchem\1\DATA\061710-L\
Data File : l17841B.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 10 7:23 pm
Operator : JK
Sample : B061610PSOX,RR,,A/C
Misc : SOIL
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 18 01:25:14 2010
Quant Method : C:\msdchem\1\METHODS\PCB061410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254 J61810
QLast Update : Tue Jun 15 19:47:33 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 18, 2010

SAMPLE DATA

Lab Sample ID: B061610PSOX RR
Matrix: Wipe
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date:
Lab Receipt Date:
Extraction Date: 06/16/10
Analysis Date: 06/18/10

CLIENT SAMPLE ID

Project Name: AMISTAD ACADEMY
Project Number: 223019
Field Sample ID: Lab QC

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/wipe	Results µg/wipe
PCB-1016	0.5	U
PCB-1221	0.5	U
PCB-1232	0.5	U
PCB-1242	0.5	U
PCB-1248	0.5	U
PCB-1254	0.5	U
PCB-1260	0.5	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	99	%
Decachlorobiphenyl	60	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS:

PCB Report

Authorized signature

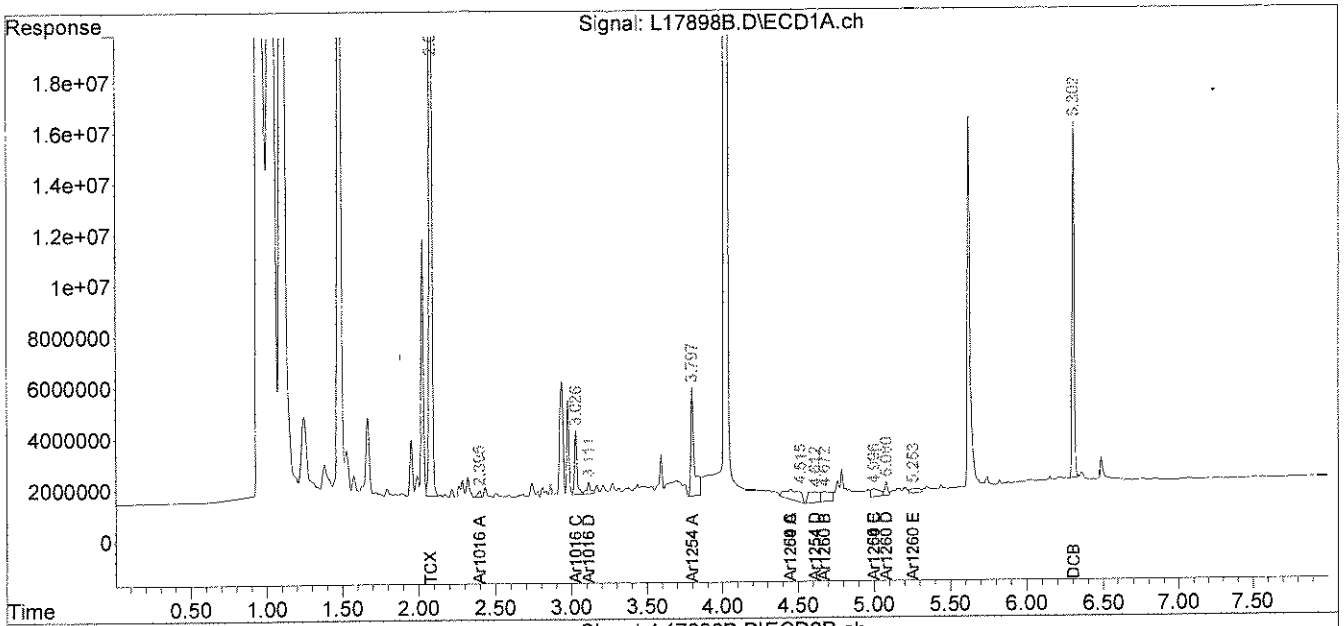
Quantitation Report (Not Reviewed)

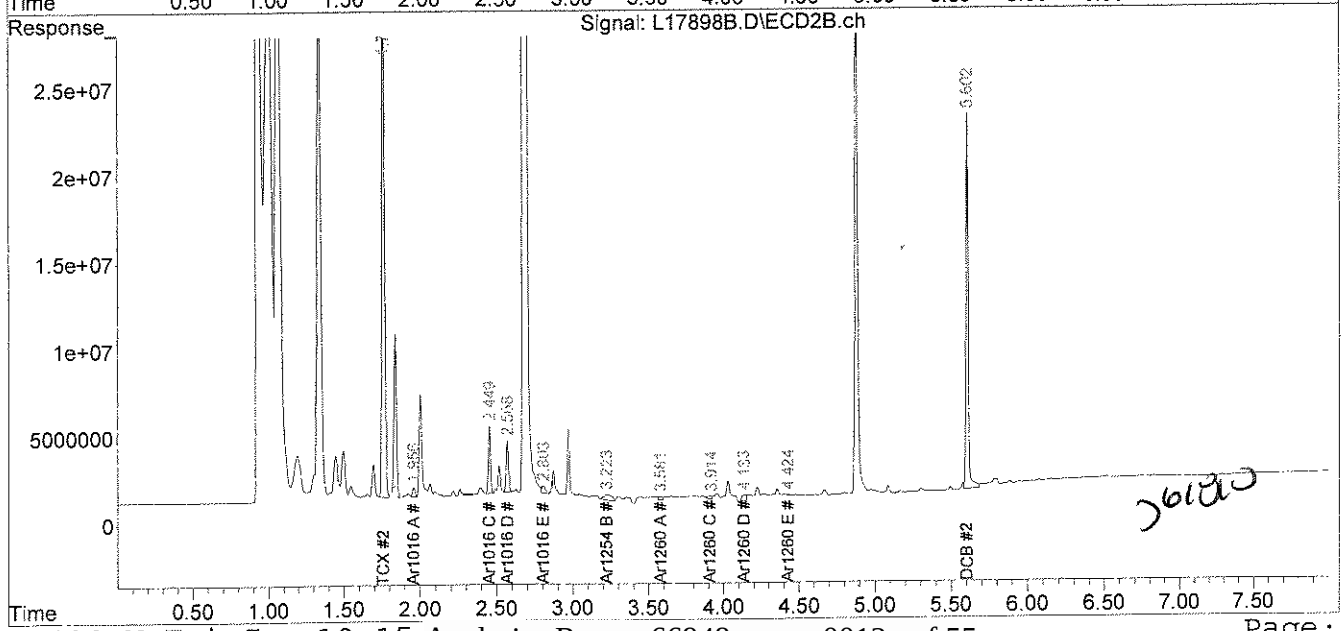
Data Path : C:\msdchem\1\DATA\061710-L\
Data File : L17898B.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Jun 10 2:13 pm
Operator : AR
Sample : B061610PSOX,RR,A/C
Misc : SOIL
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 18 15:08:21 2010
Quant Method : C:\msdchem\1\METHODS\PCB061410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 15 19:47:33 2010
Response via : Initial Calibration
Integrator: ChemStation

06-18-10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





061810

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 19, 2010

SAMPLE DATA

Lab Sample ID: 66948-1
Matrix: Wipe
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date: 06/14/10
Lab Receipt Date: 06/15/10
Extraction Date: 06/16/10
Analysis Date: 06/17/10

CLIENT SAMPLE ID

Project Name: AMISTAD ACADEMY
Project Number: 223019
Field Sample ID: AA-VWP-045

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/wipe	Results µg/wipe
PCB-1016	0.5	U
PCB-1221	0.5	U
PCB-1232	0.5	U
PCB-1242	0.5	U
PCB-1248	0.5	U
PCB-1254	0.5	**0.7**
PCB-1260	0.5	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	103	%
Decachlorobiphenyl	67	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS:

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG:
Sample: 66948-1,,A/C
Data File: 117828.D
Dilution Factor: 1.0

	Column #I	Column #2		
COMPOUND	SAMPLE RESULT (ug/wipe)	SAMPLE RESULT (ug/wipe)	RPD	#
PCB 1254	0.51	0.66	26.1	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

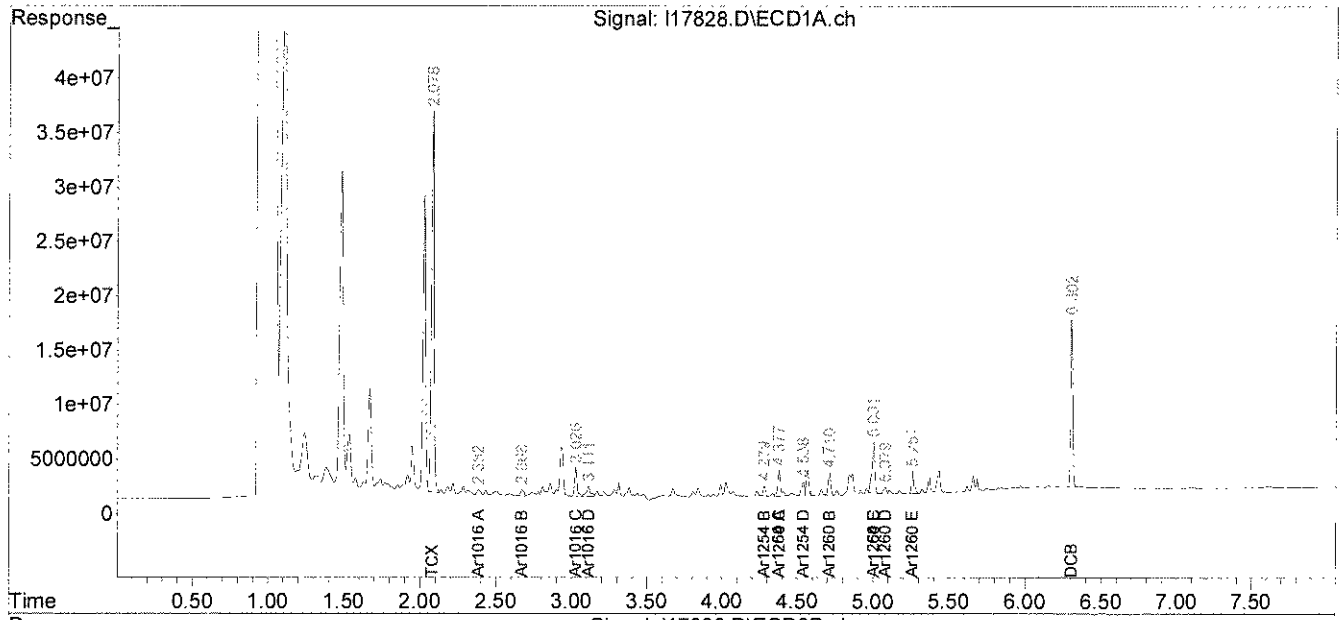
PCB FORM 10

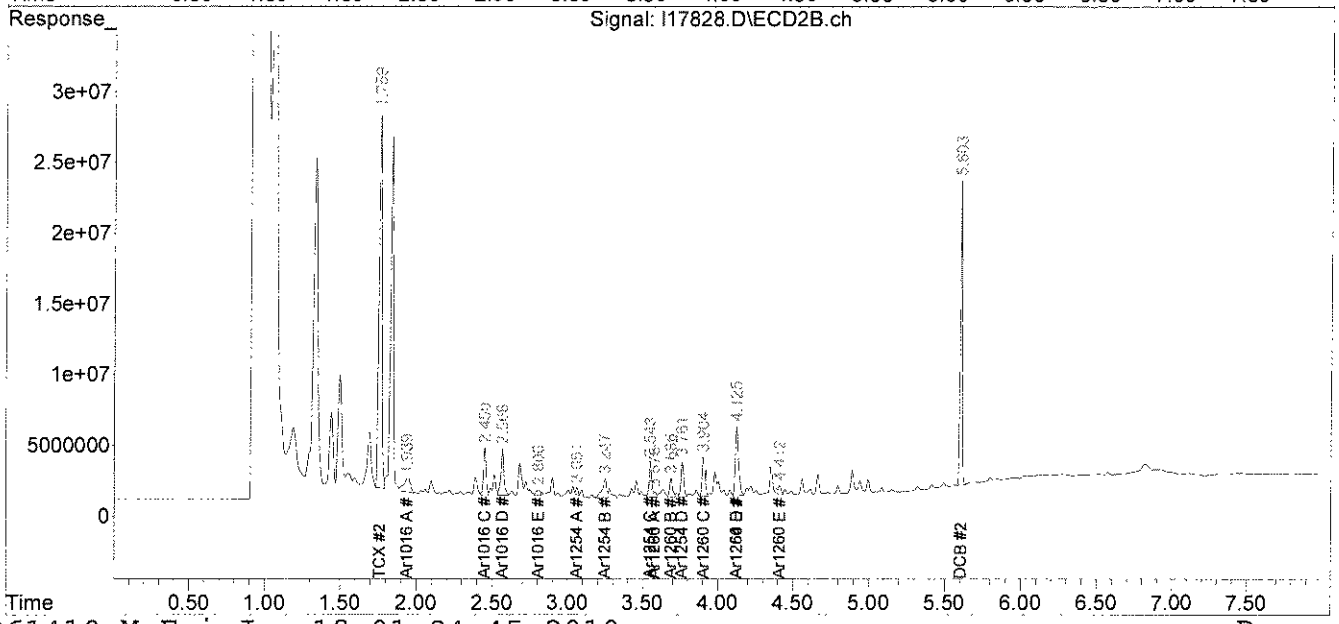
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\061710-L\
Data File : l17828.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 10 5:09 pm
Operator : JK
Sample : 66948-1,,A/C
Misc : SOIL
ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 18 01:24:45 2010
Quant Method : C:\msdchem\1\METHODS\PCB061410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254 J61410
QLast Update : Tue Jun 15 19:47:33 2010
Response via : Initial Calibration
Integrator: ChemStation

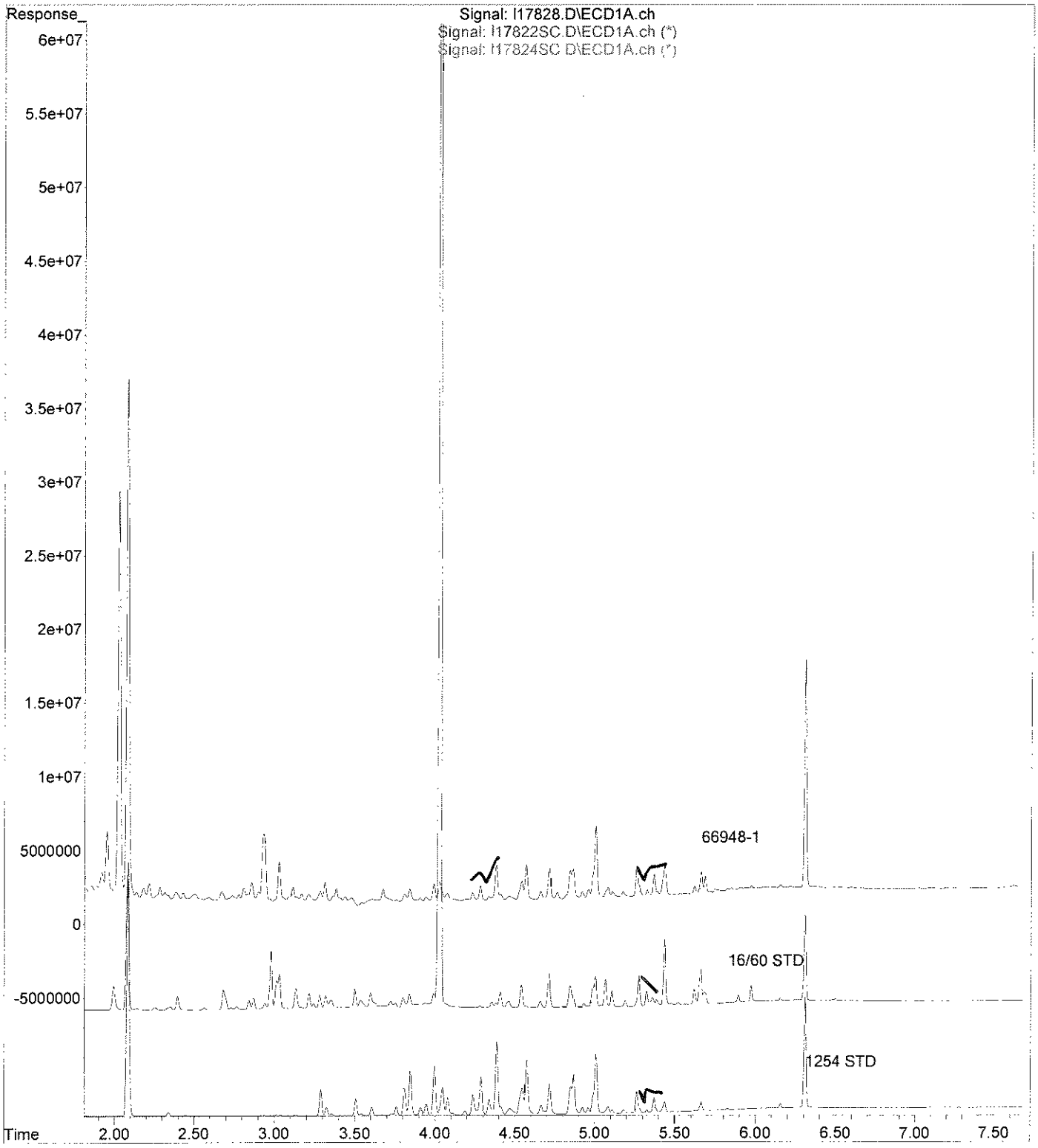
Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





File :C:\msdchem\1\DATA\061710-L\l17828.D
Operator : JK
Acquired : 17 Jun 10 5:09 pm using AcqMethod PEST.M
Instrument : Inst L
Sample Name: 66948-1,,A/C
Misc Info : SOIL
Vial Number: 14

J61810
PCB1254



analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 19, 2010

SAMPLE DATA

Lab Sample ID: 66948-2
Matrix: Wipe
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date: 06/14/10
Lab Receipt Date: 06/15/10
Extraction Date: 06/16/10
Analysis Date: 06/17/10

CLIENT SAMPLE ID

Project Name: AMISTAD ACADEMY
Project Number: 223019
Field Sample ID: AA-VWP-046

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/wipe	Results µg/wipe
PCB-1016	0.5	U
PCB-1221	0.5	U
PCB-1232	0.5	U
PCB-1242	0.5	U
PCB-1248	0.5	U
PCB-1254	0.5	U
PCB-1260	0.5	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	100	%
Decachlorobiphenyl	66	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS:

PCB Report

Authorized signature

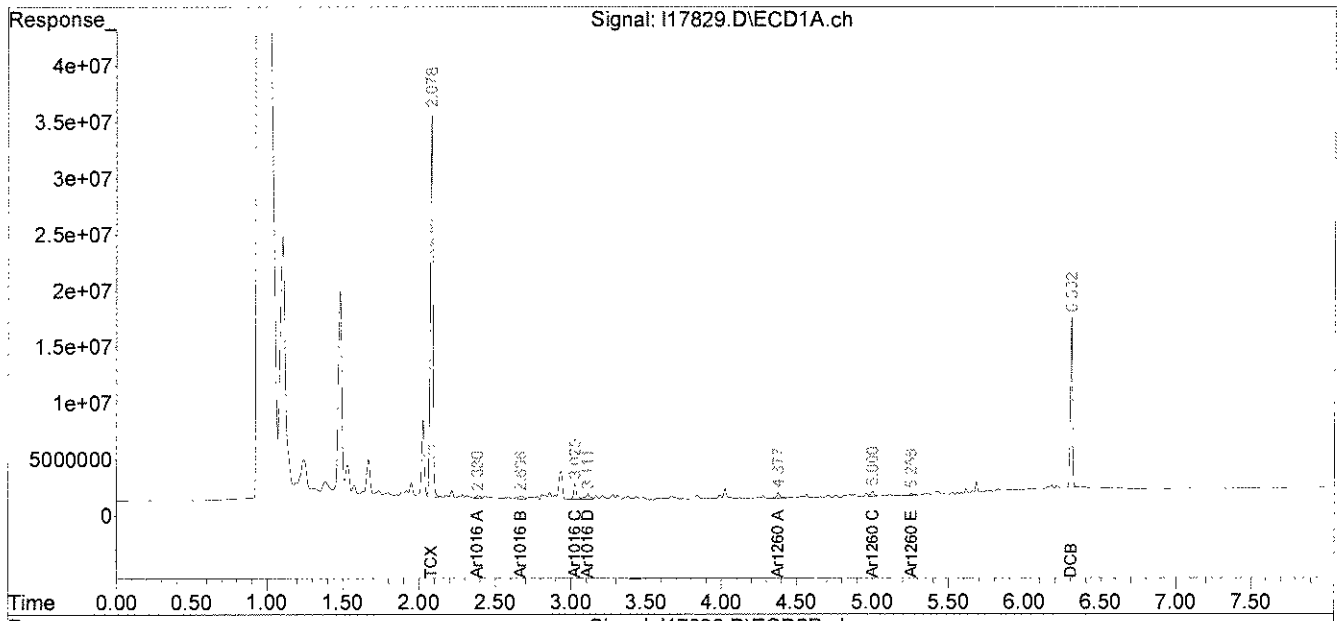
Quantitation Report (Not Reviewed)

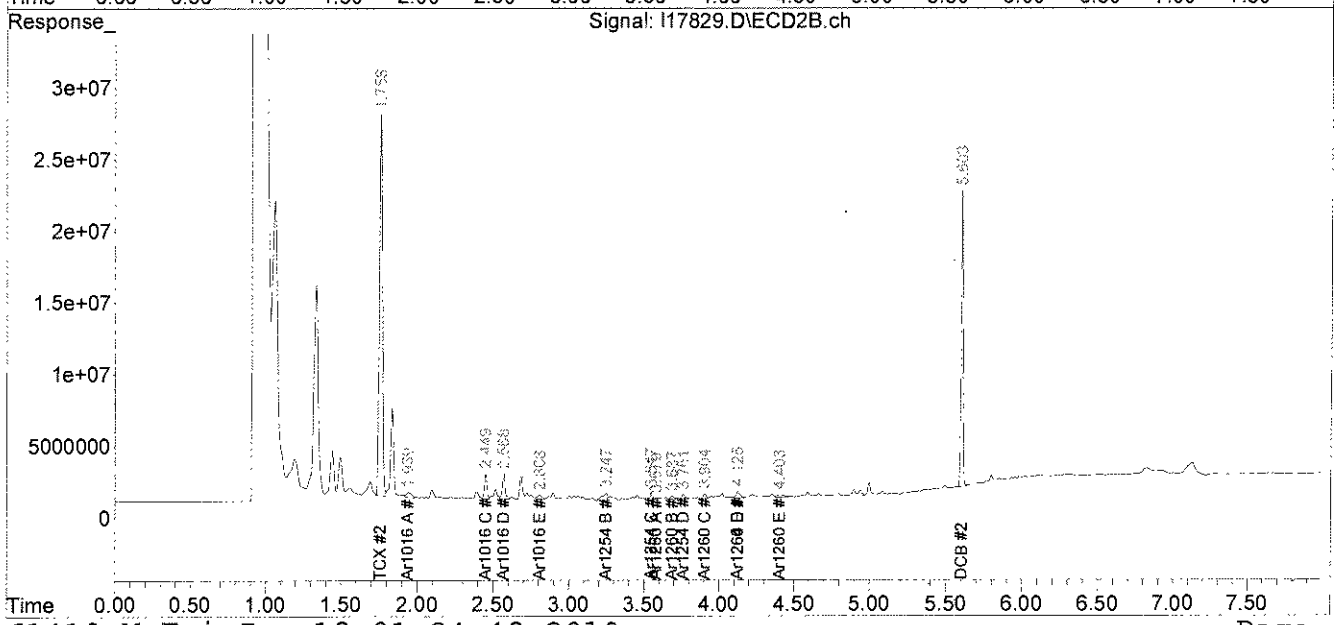
Data Path : C:\msdchem\1\DATA\061710-L\
Data File : l17829.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 10 5:19 pm
Operator : JK
Sample : 66948-2,,A/C
Misc : SOIL
ALS Vial : 15 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 18 01:24:48 2010
Quant Method : C:\msdchem\1\METHODS\PCB061410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 15 19:47:33 2010
Response via : Initial Calibration
Integrator: ChemStation

J6181

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 19, 2010

SAMPLE DATA

Lab Sample ID: 66948-3
Matrix: Wipe
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date: 06/14/10
Lab Receipt Date: 06/15/10
Extraction Date: 06/16/10
Analysis Date: 06/17/10

CLIENT SAMPLE ID

Project Name: AMISTAD ACADEMY
Project Number: 223019
Field Sample ID: AA-VWP-047

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/wipe	Results µg/wipe
PCB-1016	0.5	U
PCB-1221	0.5	U
PCB-1232	0.5	U
PCB-1242	0.5	U
PCB-1248	0.5	U
PCB-1254	0.5	U
PCB-1260	0.5	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	99	%
Decachlorobiphenyl	61	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS:

PCB Report

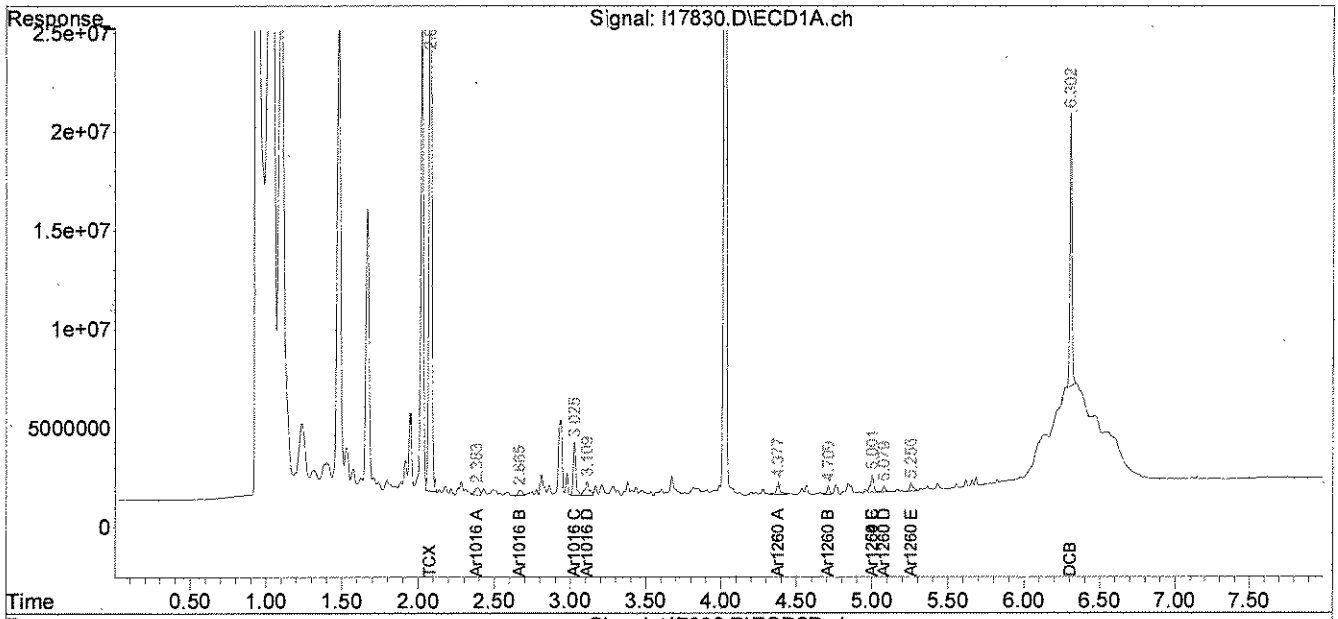
Authorized signature

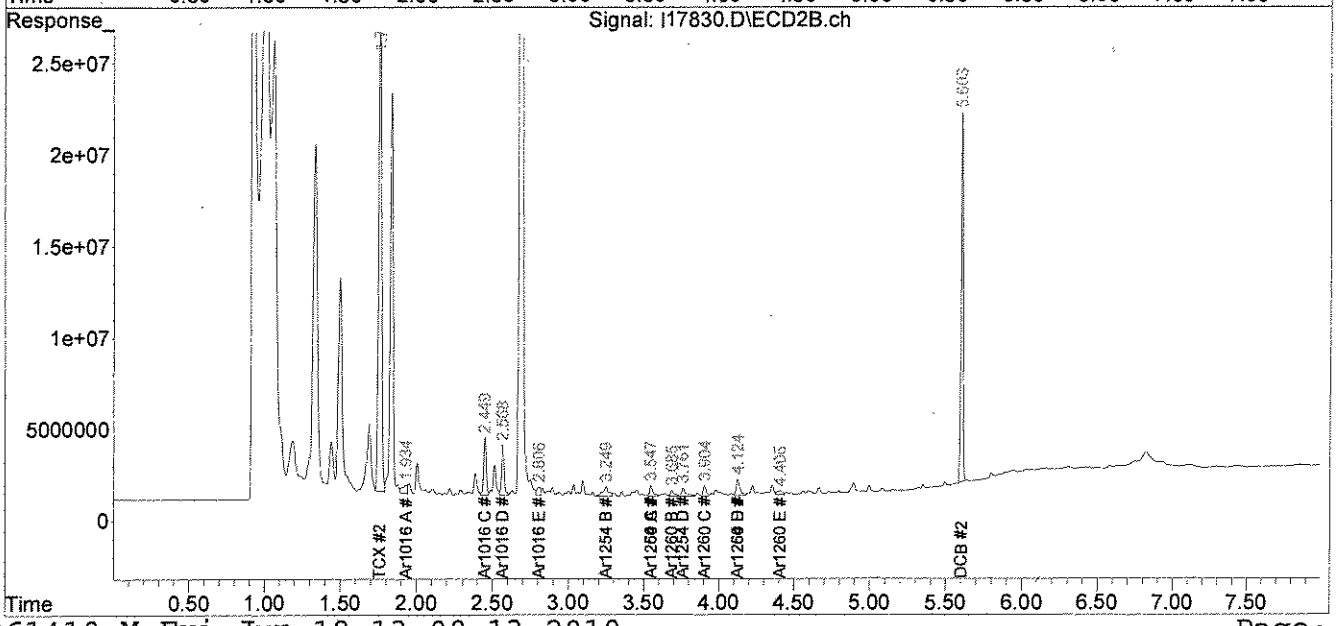
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\061710-L\
Data File : l17830.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 10 5:29 pm
Operator : JK
Sample : 66948-3,,A/C
Misc : SOIL
ALS Vial : 16 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 18 12:56:57 2010
Quant Method : C:\msdchem\1\METHODS\PCB061410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 15 19:47:33 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 19, 2010

SAMPLE DATA

Lab Sample ID:	66948-4
Matrix:	Wipe
Percent Solid:	N/A
Dilution Factor:	1.0
Collection Date:	06/14/10
Lab Receipt Date:	06/15/10
Extraction Date:	06/16/10
Analysis Date:	06/17/10

CLIENT SAMPLE ID

Project Name:	AMISTAD ACADEMY
Project Number:	223019
Field Sample ID:	AA-VWP-048

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/wipe	Results µg/wipe
PCB-1016	0.5	U
PCB-1221	0.5	U
PCB-1232	0.5	U
PCB-1242	0.5	U
PCB-1248	0.5	U
PCB-1254	0.5	U
PCB-1260	0.5	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	95	%
Decachlorobiphenyl	63	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS:

PCB Report

Authorized signature

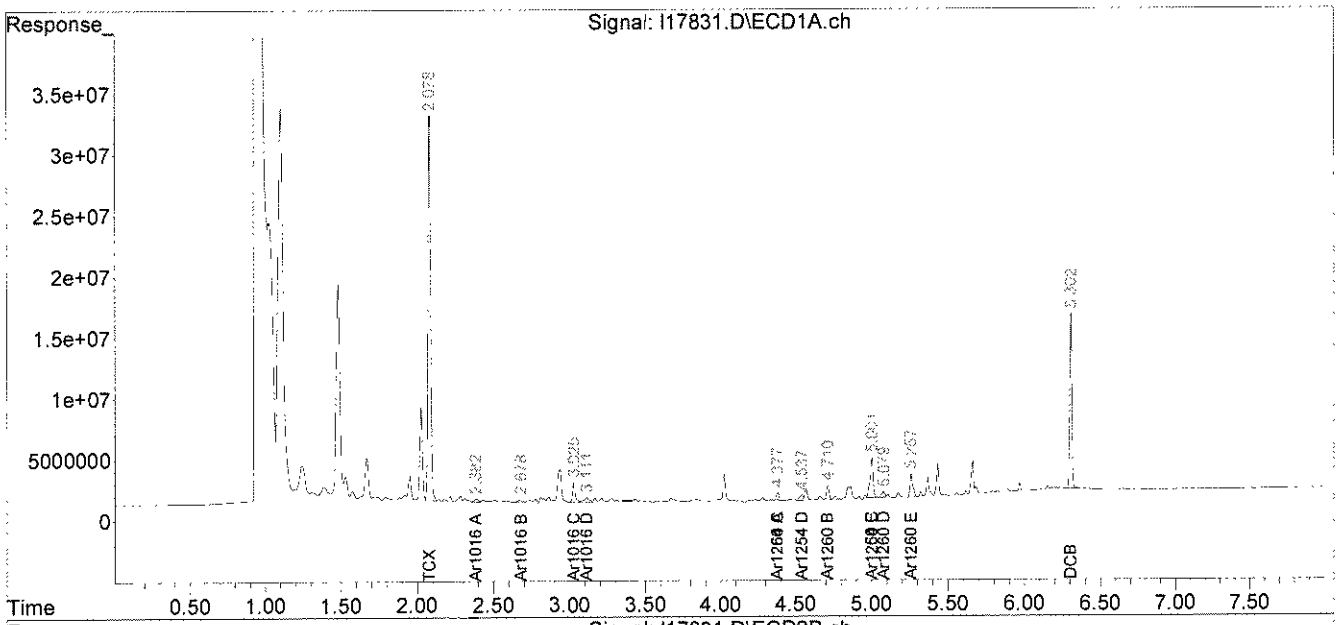
Quantitation Report (Not Reviewed)

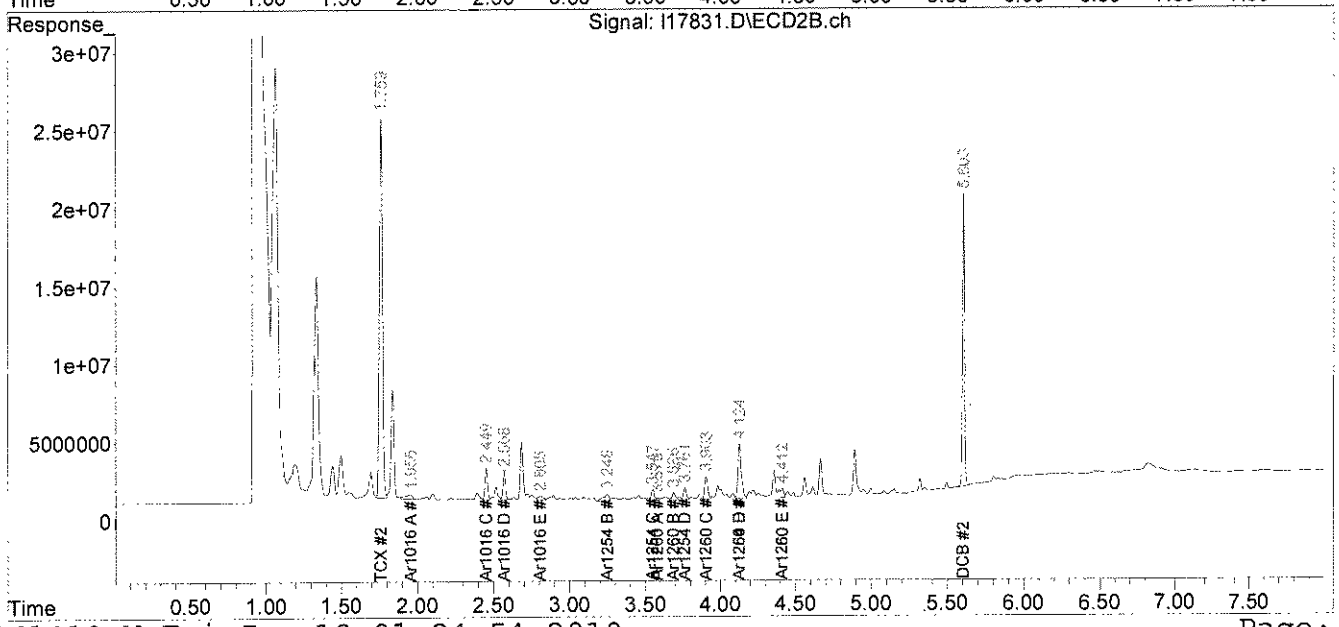
Data Path : C:\msdchem\1\DATA\061710-L\
Data File : l17831.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 10 5:40 pm
Operator : JK
Sample : 66948-4,,A/C
Misc : SOIL
ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 18 01:24:54 2010
Quant Method : C:\msdchem\1\METHODS\PCB061410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 15 19:47:33 2010
Response via : Initial Calibration
Integrator: ChemStation

J61810
PCBCQ

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 19, 2010

SAMPLE DATA

Lab Sample ID:	66948-5
Matrix:	Wipe
Percent Solid:	N/A
Dilution Factor:	1.0
Collection Date:	06/14/10
Lab Receipt Date:	06/15/10
Extraction Date:	06/16/10
Analysis Date:	06/17/10

CLIENT SAMPLE ID

Project Name:	AMISTAD ACADEMY
Project Number:	223019
Field Sample ID:	AA-VWP-049

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/wipe	Results µg/wipe
PCB-1016	0.5	U
PCB-1221	0.5	U
PCB-1232	0.5	U
PCB-1242	0.5	U
PCB-1248	0.5	U
PCB-1254	0.5	U
PCB-1260	0.5	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	99	%
Decachlorobiphenyl	66	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS:

PCB Report

Authorized signature

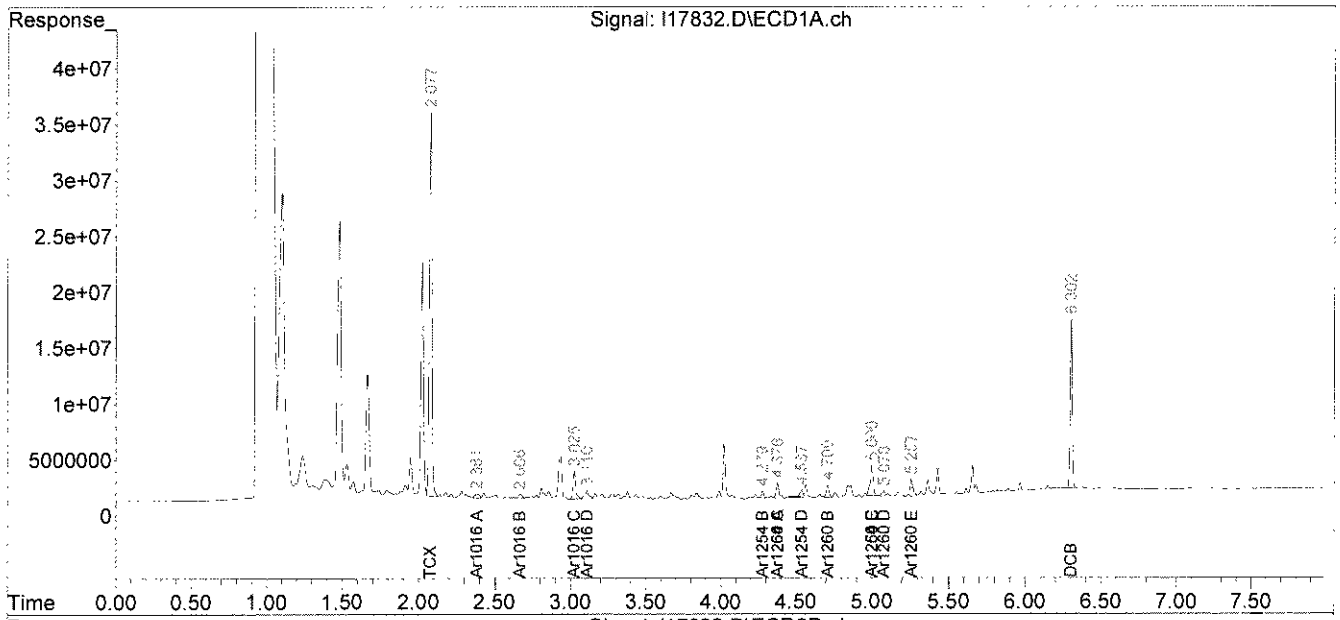
Quantitation Report (Not Reviewed)

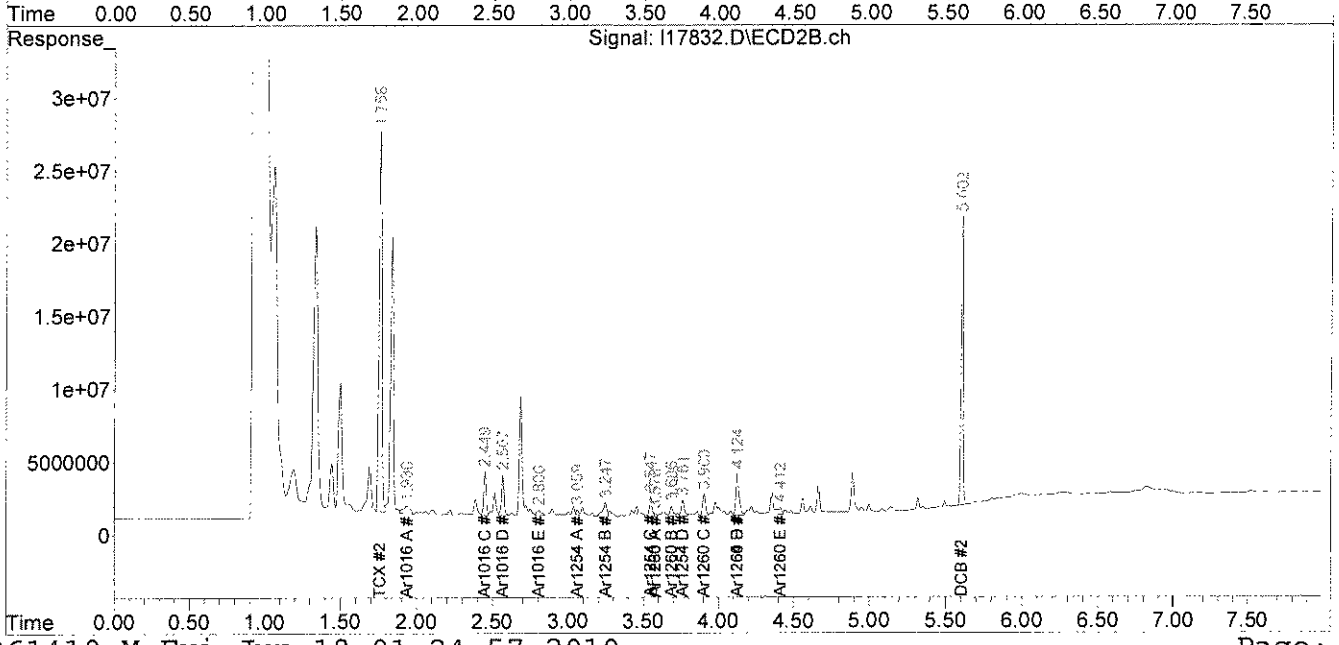
Data Path : C:\msdchem\1\DATA\061710-L\
Data File : l17832.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 10 5:50 pm
Operator : JK
Sample : 66948-5,,A/C
Misc : SOIL
ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 18 01:24:57 2010
Quant Method : C:\msdchem\1\METHODS\PCB061410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 15 19:47:33 2010
Response via : Initial Calibration
Integrator: ChemStation

J61810

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 19, 2010

SAMPLE DATA

Lab Sample ID:	66948-6
Matrix:	Wipe
Percent Solid:	N/A
Dilution Factor:	1.0
Collection Date:	06/14/10
Lab Receipt Date:	06/15/10
Extraction Date:	06/16/10
Analysis Date:	06/17/10

CLIENT SAMPLE ID

Project Name:	AMISTAD ACADEMY
Project Number:	223019
Field Sample ID:	AA-VWP-050

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/wipe	Results µg/wipe
PCB-1016	0.5	U
PCB-1221	0.5	U
PCB-1232	0.5	U
PCB-1242	0.5	U
PCB-1248	0.5	U
PCB-1254	0.5	U
PCB-1260	0.5	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	99	%
Decachlorobiphenyl	68	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS:

PCB Report

Authorized signature

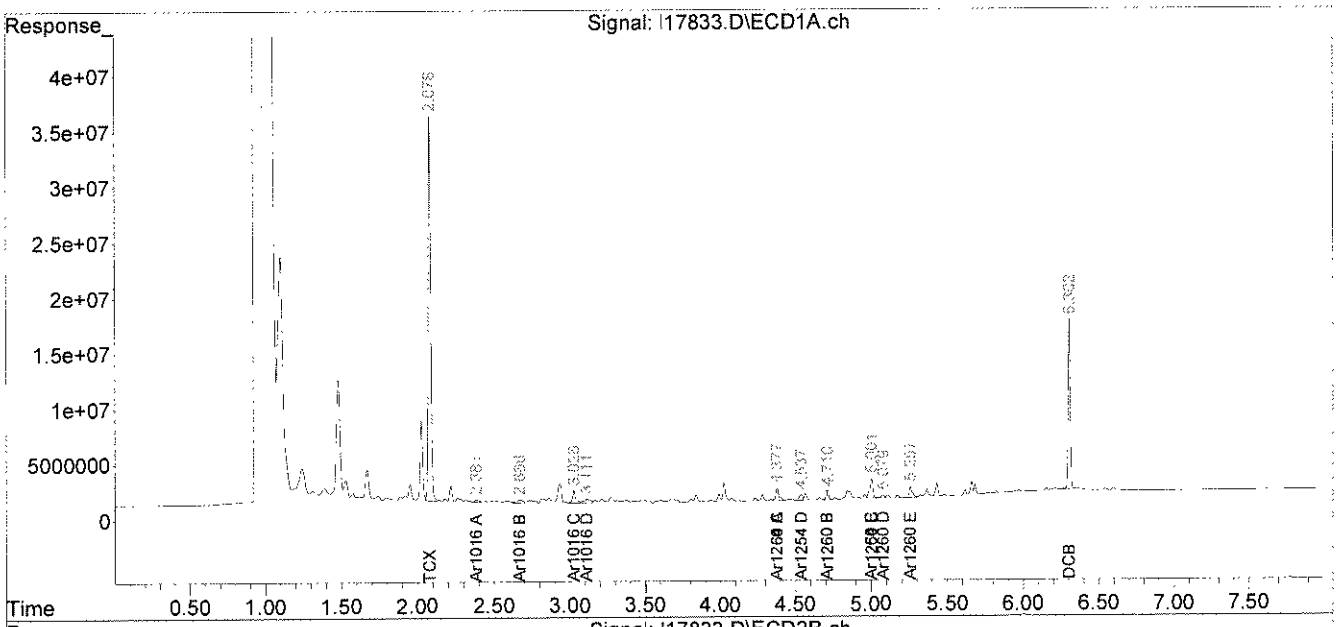
Quantitation Report (Not Reviewed)

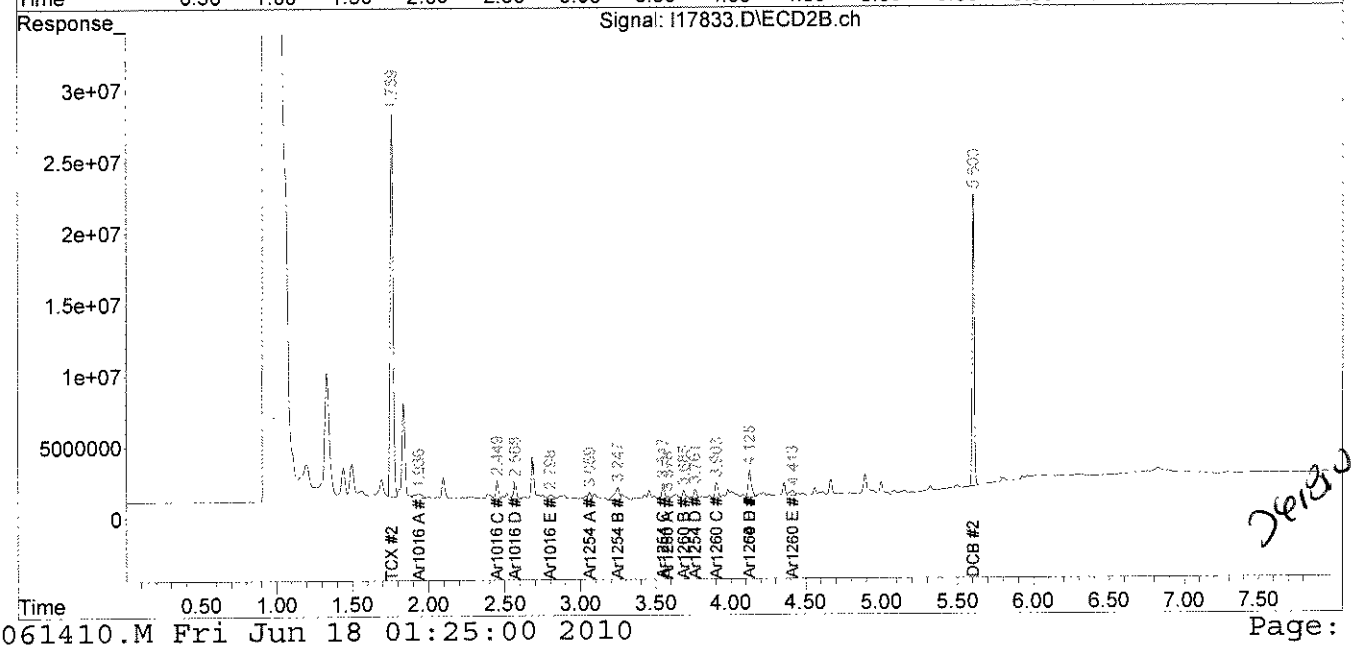
Data Path : C:\msdchem\1\DATA\061710-L\
Data File : l17833.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 10 6:00 pm
Operator : JK
Sample : 66948-6,,A/C
Misc : SOIL
ALS Vial : 19 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 18 01:25:00 2010
Quant Method : C:\msdchem\1\METHODS\PCB061410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 15 19:47:33 2010
Response via : Initial Calibration
Integrator: ChemStation

361810

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





361810

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 19, 2010

SAMPLE DATA

Lab Sample ID:	66948-7
Matrix:	Wipe
Percent Solid:	N/A
Dilution Factor:	1.0
Collection Date:	06/14/10
Lab Receipt Date:	06/15/10
Extraction Date:	06/16/10
Analysis Date:	06/17/10

CLIENT SAMPLE ID

Project Name:	AMISTAD ACADEMY
Project Number:	223019
Field Sample ID:	AA-VWP-051

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/wipe	Results µg/wipe
PCB-1016	0.5	U
PCB-1221	0.5	U
PCB-1232	0.5	U
PCB-1242	0.5	U
PCB-1248	0.5	U
PCB-1254	0.5	**1.8**
PCB-1260	0.5	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	98	%
Decachlorobiphenyl	64	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS:

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG:
Sample: 66948-7,,A/C
Data File: 117834.D
Dilution Factor: 1.0

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/wipe)	SAMPLE RESULT (ug/wipe)	RPD	#
PCB 1254	1.80	1.89	4.4	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

PCB FORM 10

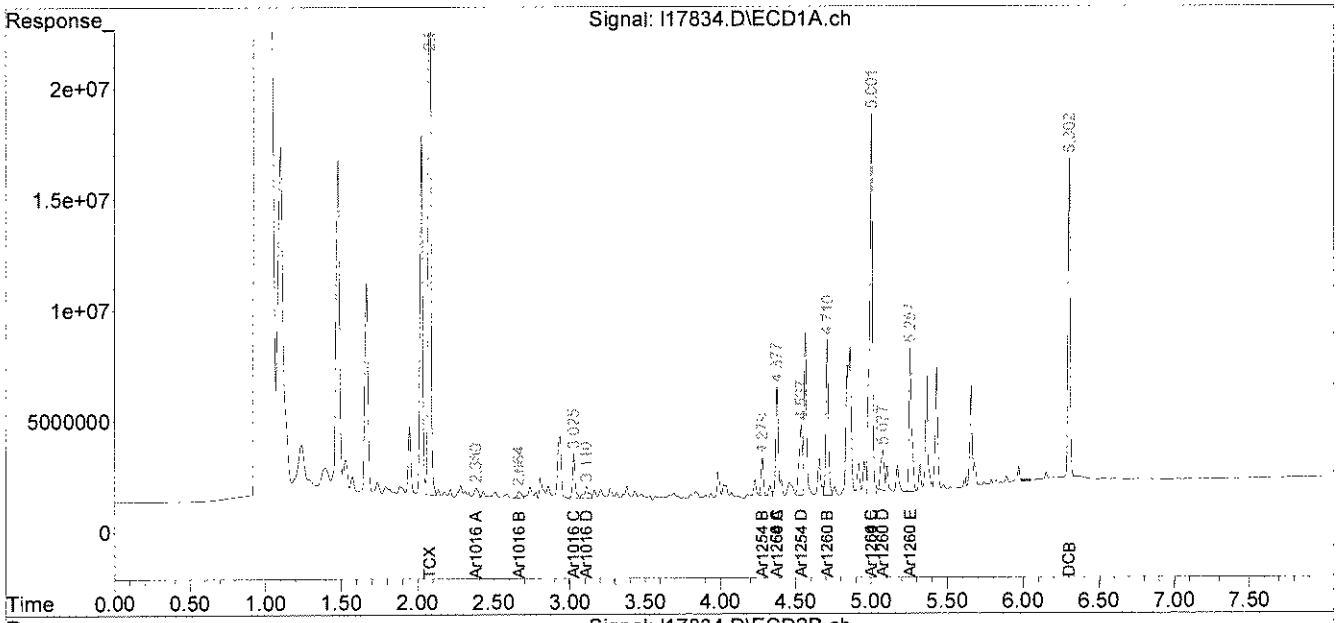
Quantitation Report (QT Reviewed)

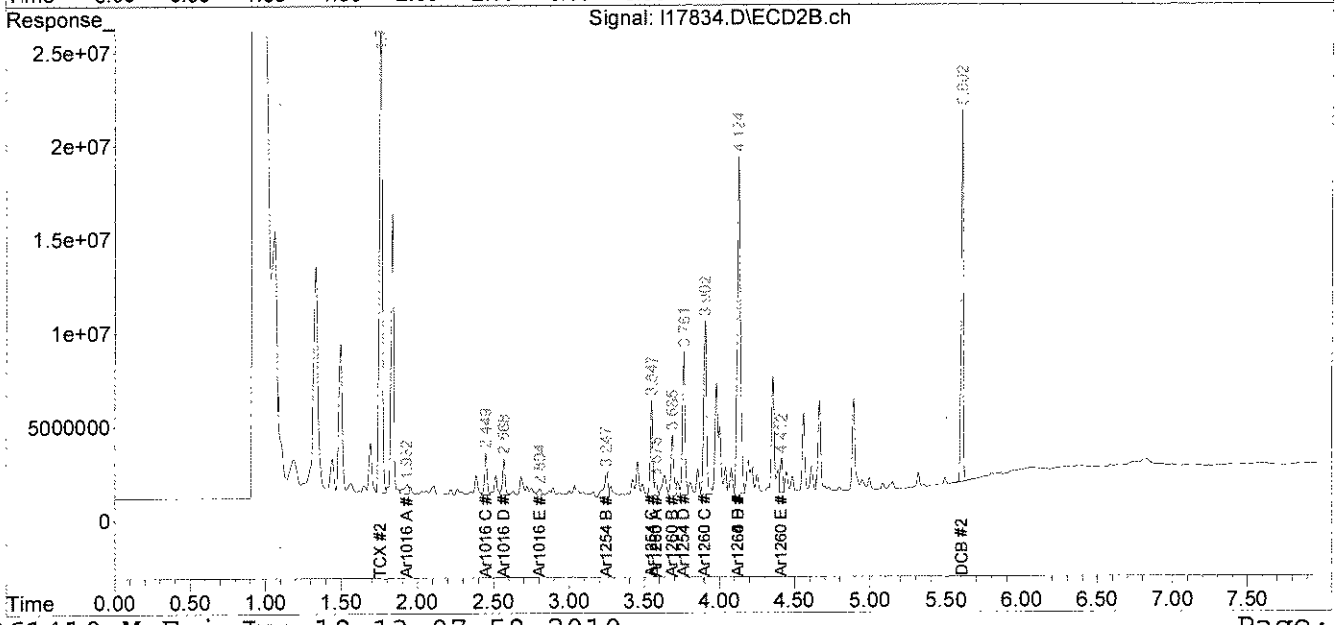
Data Path : C:\msdchem\1\DATA\061710-L\
Data File : l17834.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 10 6:11 pm
Operator : JK
Sample : 66948-7,,A/C
Misc : SOIL
ALS Vial : 20 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 18 13:06:40 2010
Quant Method : C:\msdchem\1\METHODS\PCB061410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 15 19:47:33 2010
Response via : Initial Calibration
Integrator: ChemStation

J61810

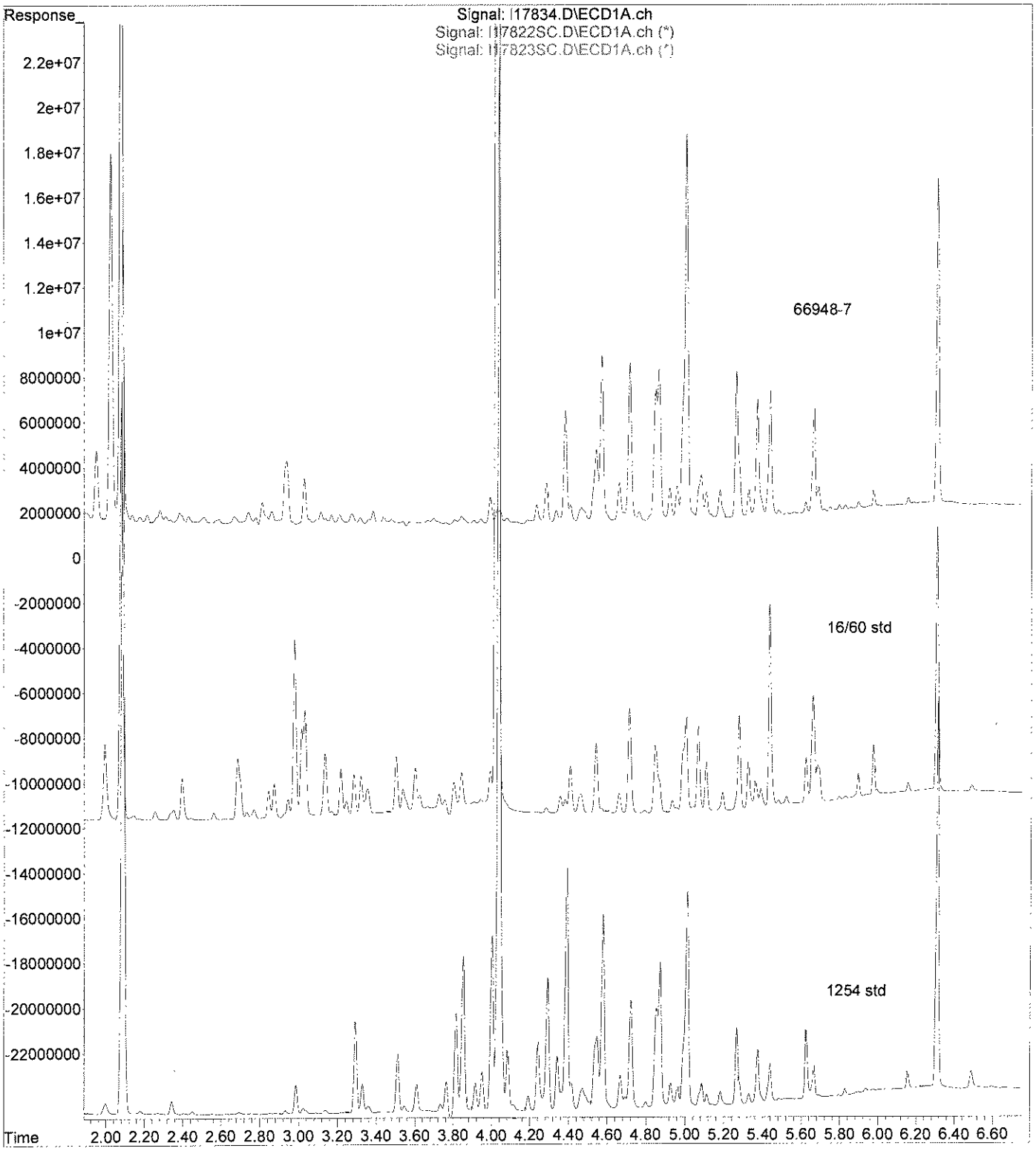
Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





File :C:\msdchem\1\DATA\061710-L\l17834.D
Operator : JK
Acquired : 17 Jun 10 6:11 pm using AcqMethod PEST.M
Instrument : Inst L
Sample Name: 66948-7,,A/C
Misc Info : SOIL
Vial Number: 20

J61810
1254 detected



analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 19, 2010

SAMPLE DATA

Lab Sample ID:	66948-8
Matrix:	Wipe
Percent Solid:	N/A
Dilution Factor:	20
Collection Date:	06/14/10
Lab Receipt Date:	06/15/10
Extraction Date:	06/16/10
Analysis Date:	06/18/10

CLIENT SAMPLE ID

Project Name:	AMISTAD ACADEMY
Project Number:	223019
Field Sample ID:	AA-VWP-052

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/wipe	Results µg/wipe
PCB-1016	10	U
PCB-1221	10	U
PCB-1232	10	U
PCB-1242	10	U
PCB-1248	10	U
PCB-1254	10	**71**
PCB-1260	10	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	*	%
Decachlorobiphenyl	*	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: * The surrogates were diluted out.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 66948
Sample: 66948-8,1:20,A/C
Data File: L17899.D
Dilution Factor: 0.2

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	71	60	18.1	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

PCB FORM 10

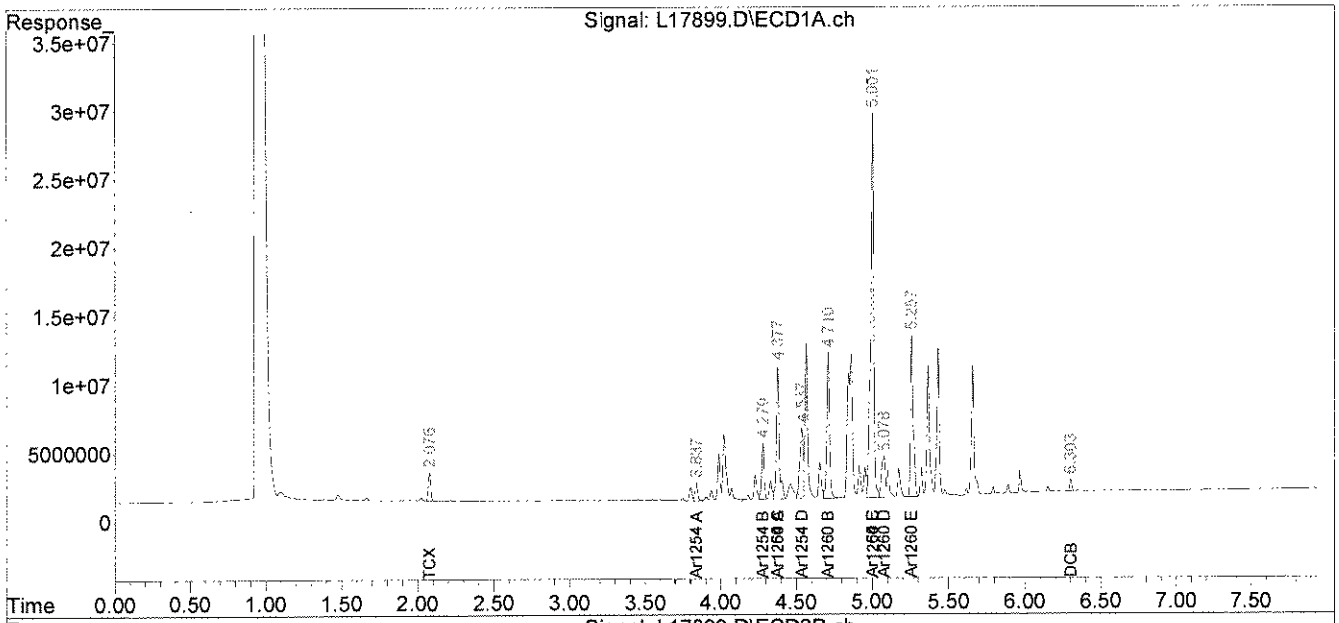
Quantitation Report (Not Reviewed)

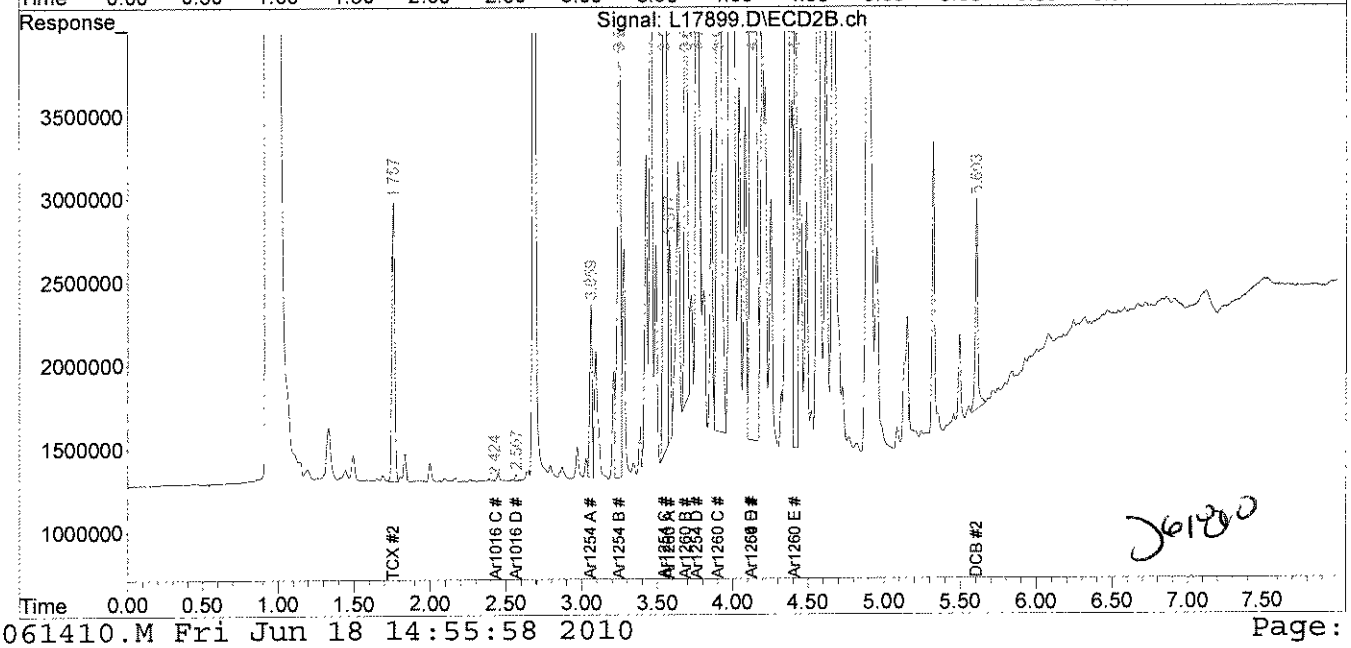
Data Path : C:\msdchem\1\DATA\061710-L\
Data File : L17899.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Jun 10 2:23 pm
Operator : AR
Sample : 66948-8,1:20,A/C
Misc : SOIL
ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 18 14:55:57 2010
Quant Method : C:\msdchem\1\METHODS\PCB061410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 15 19:47:33 2010
Response via : Initial Calibration
Integrator: ChemStation

06-18-10

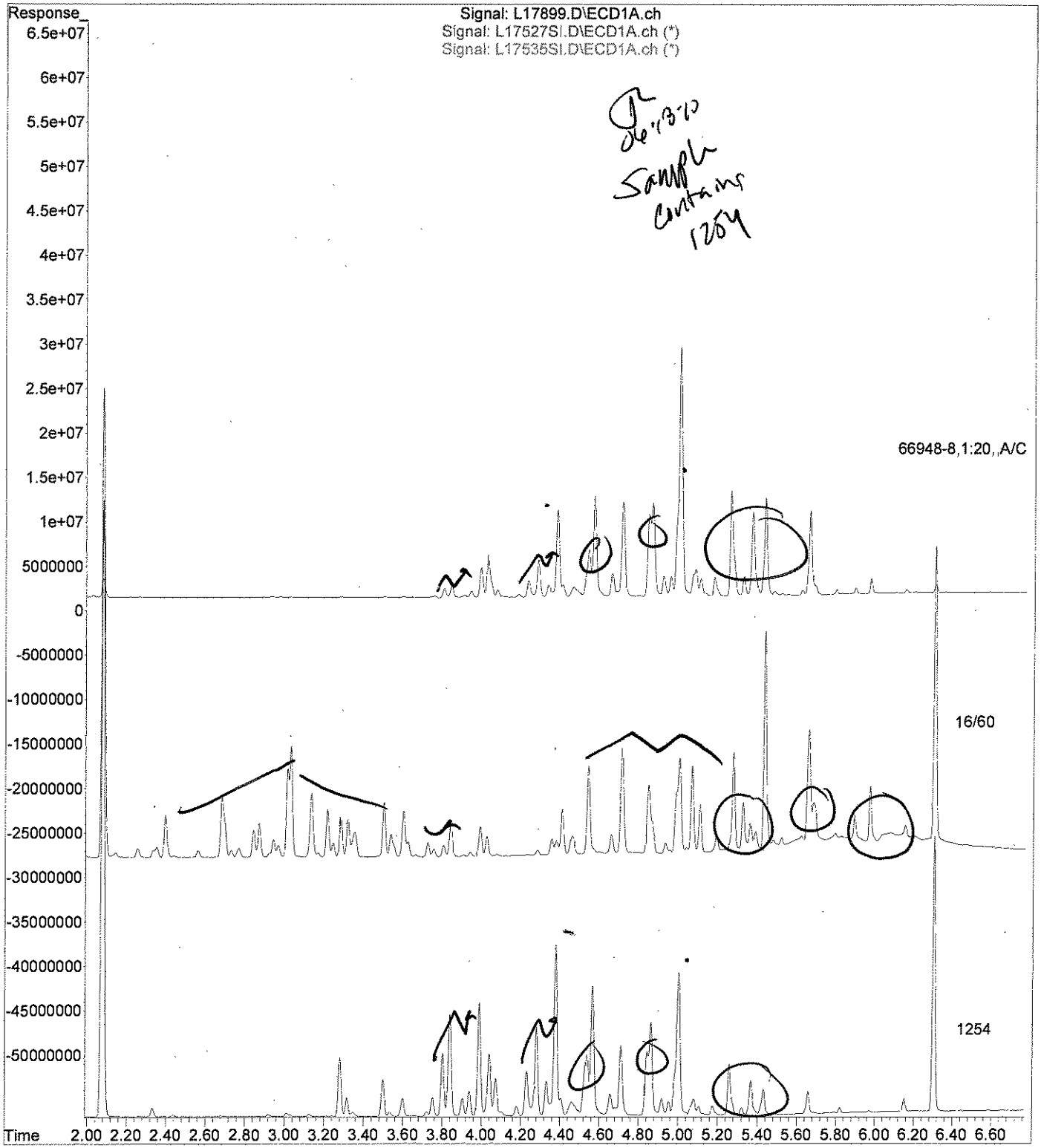
Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





J61800

File :C:\msdchem\1\DATA\061710-L\L17899.D
Operator : AR
Acquired : 18 Jun 10 2:23 pm using AcqMethod PEST.M
Instrument : Inst L
Sample Name: 66948-8,1:20,A/C
Misc Info : SOIL
Vial Number: 21



analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 19, 2010

SAMPLE DATA

CLIENT SAMPLE ID

Project Name: AMISTAD ACADEMY

Project Number: 223019

Field Sample ID: AA-VWP-053

Lab Sample ID: 66948-9
Matrix: Wipe
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date: 06/14/10
Lab Receipt Date: 06/15/10
Extraction Date: 06/16/10
Analysis Date: 06/17/10

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/wipe	Results µg/wipe
PCB-1016	0.5	U
PCB-1221	0.5	U
PCB-1232	0.5	U
PCB-1242	0.5	U
PCB-1248	0.5	U
PCB-1254	0.5	**1.1**
PCB-1260	0.5	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	102	%
Decachlorobiphenyl	67	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS:

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG:
Sample: 66948-9,,A/C
Data File: I17836.D
Dilution Factor: 1.0

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/wipe)	SAMPLE RESULT (ug/wipe)	RPD	#
PCB 1254	0.92	1.14	21.6	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

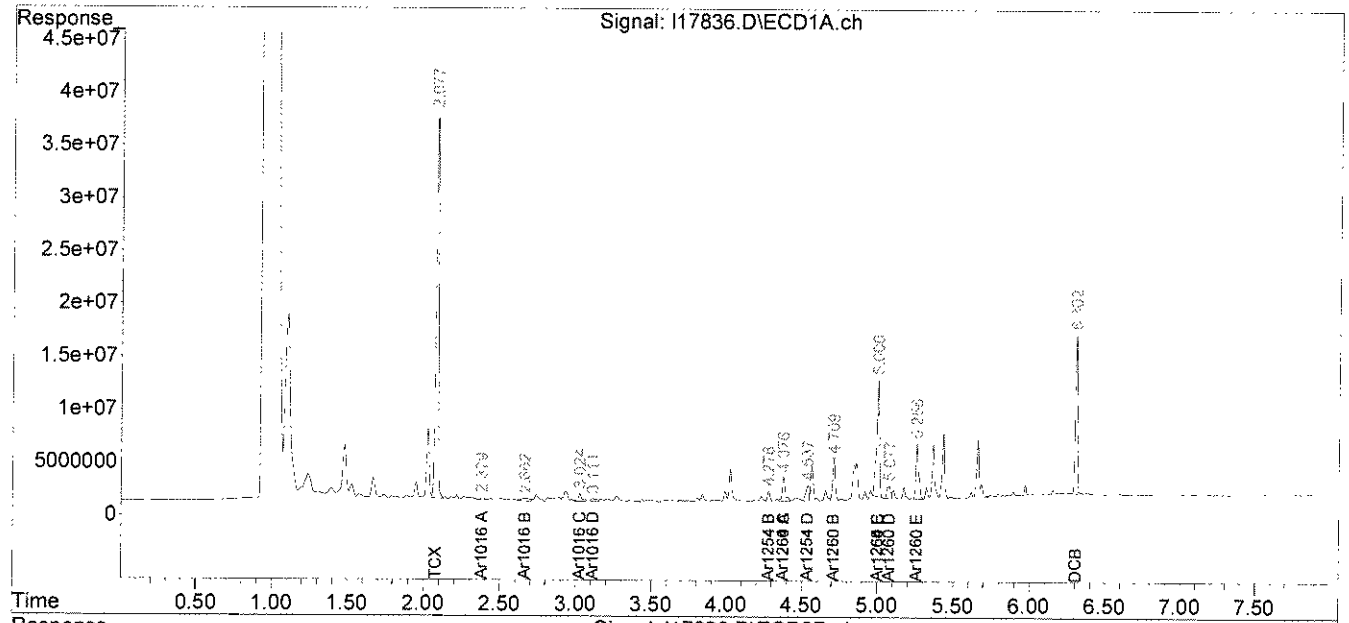
PCB FORM 10

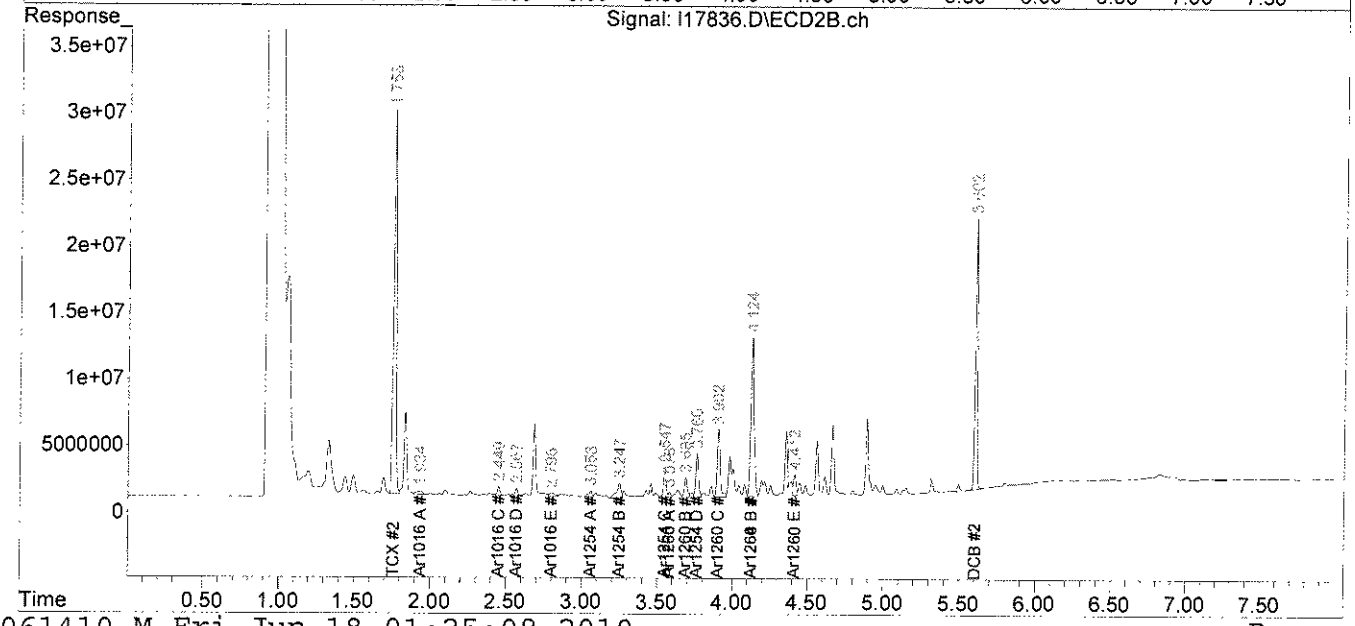
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\061710-L\
Data File : l17836.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 10 6:31 pm
Operator : JK
Sample : 66948-9,,A/C
Misc : SOIL
ALS Vial : 22 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 18 01:25:09 2010
Quant Method : C:\msdchem\1\METHODS\PCB061410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 15 19:47:33 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 19, 2010

SAMPLE DATA

CLIENT SAMPLE ID

Project Name: AMISTAD ACADEMY

Project Number: 223019

Field Sample ID: AA-VWP-054

Lab Sample ID: 66948-10
Matrix: Wipe
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date: 06/14/10
Lab Receipt Date: 06/15/10
Extraction Date: 06/16/10
Analysis Date: 06/17/10

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/wipe	Results µg/wipe
PCB-1016	0.5	U
PCB-1221	0.5	U
PCB-1232	0.5	U
PCB-1242	0.5	U
PCB-1248	0.5	U
PCB-1254	0.5	U
PCB-1260	0.5	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	96	%
Decachlorobiphenyl	66	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS:

PCB Report

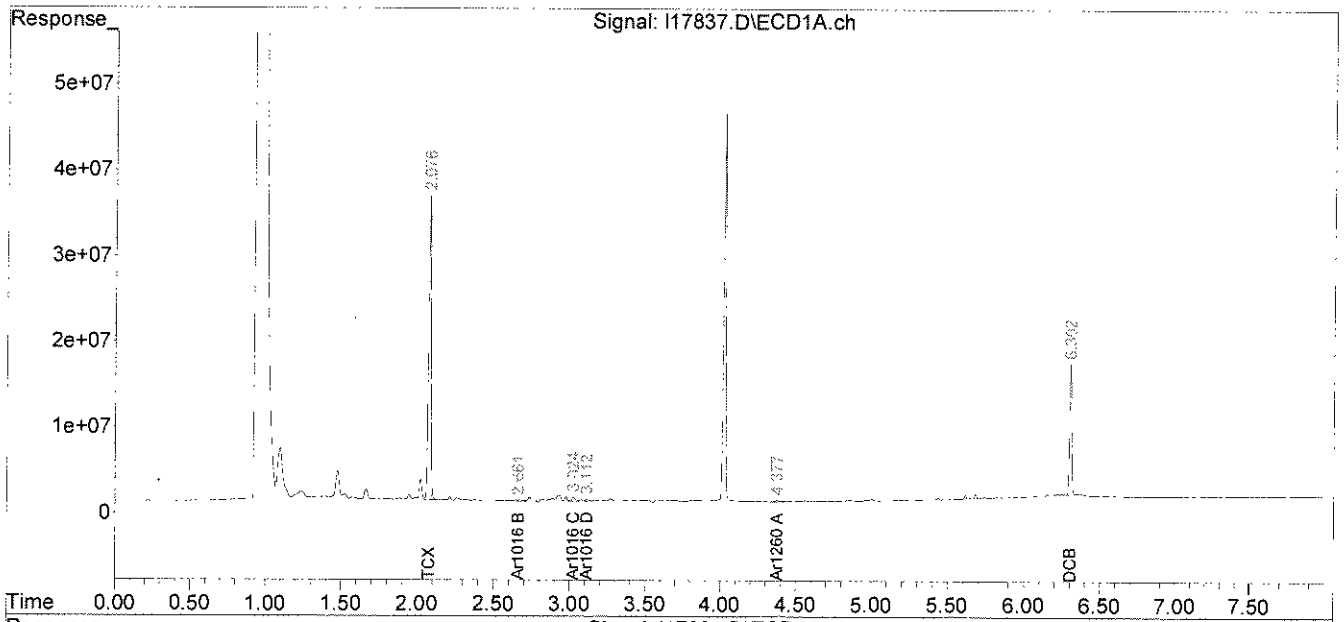
Authorized signature

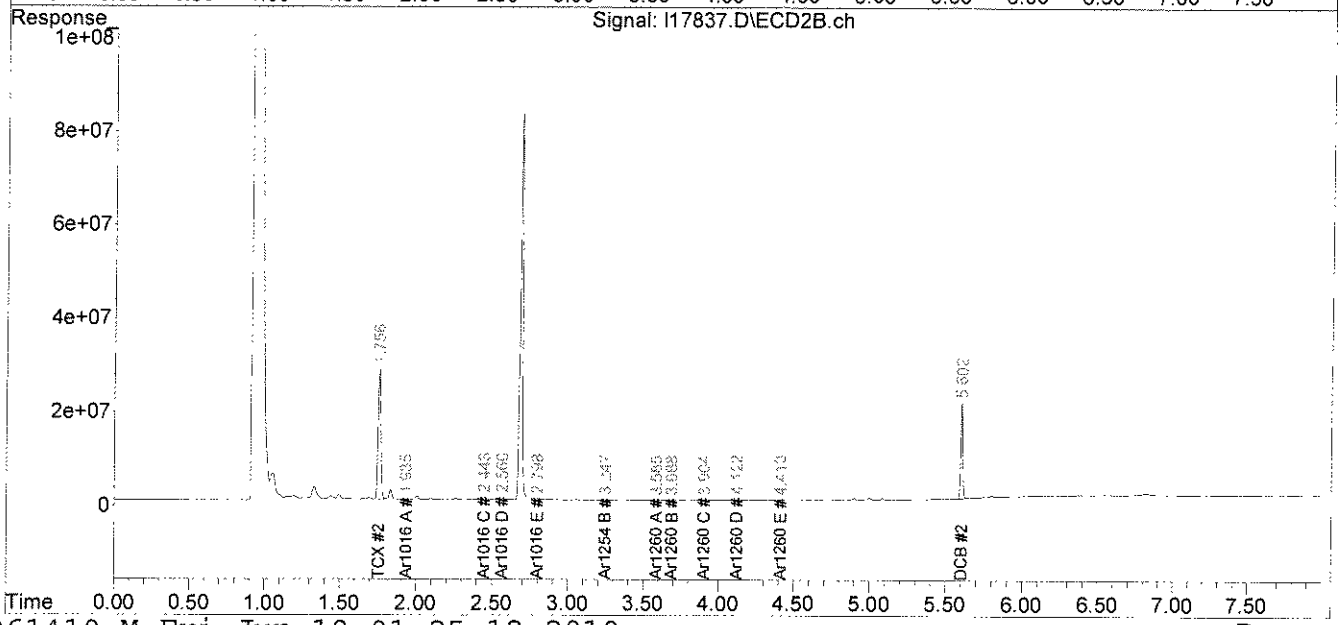
Data Path : C:\msdchem\1\DATA\061710-L\
Data File : l17837.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 10 6:42 pm
Operator : JK
Sample : 66948-10,,A/C
Misc : SOIL
ALS Vial : 23 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 18 01:25:12 2010
Quant Method : C:\msdchem\1\METHODS\PCB061410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 15 19:47:33 2010
Response via : Initial Calibration
Integrator: ChemStation

061810

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 19, 2010

SAMPLE DATA

Lab Sample ID: 66948-11
Matrix: Wipe
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date: 06/14/10
Lab Receipt Date: 06/15/10
Extraction Date: 06/16/10
Analysis Date: 06/17/10

CLIENT SAMPLE ID

Project Name: AMISTAD ACADEMY
Project Number: 223019
Field Sample ID: AA-VWP-055

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/wipe	Results µg/wipe
PCB-1016	0.5	U
PCB-1221	0.5	U
PCB-1232	0.5	U
PCB-1242	0.5	U
PCB-1248	0.5	U
PCB-1254	0.5	**0.7**
PCB-1260	0.5	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	100	%
Decachlorobiphenyl	70	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS:

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG:
Sample: 66948-11,,A/C
Data File: I17842.D
Dilution Factor: 1.0

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/wipe)	SAMPLE RESULT (ug/wipe)	RPD	#
PCB 1254	0.49	0.66	30.1	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

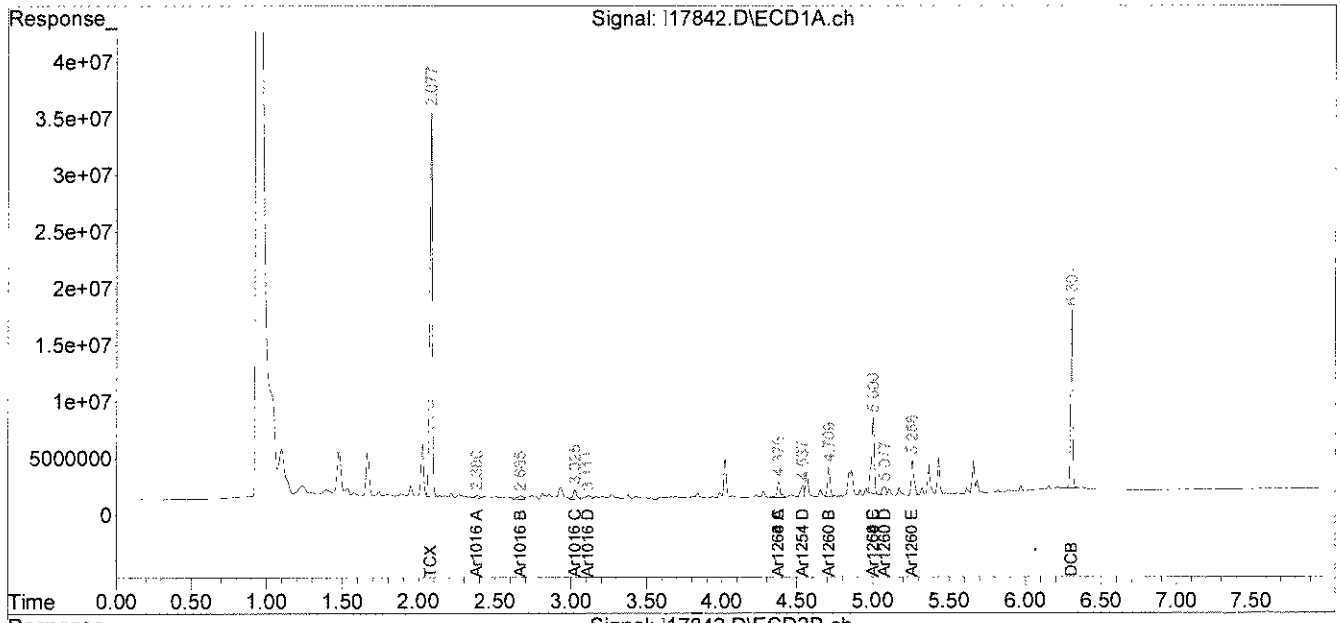
Comments: _____

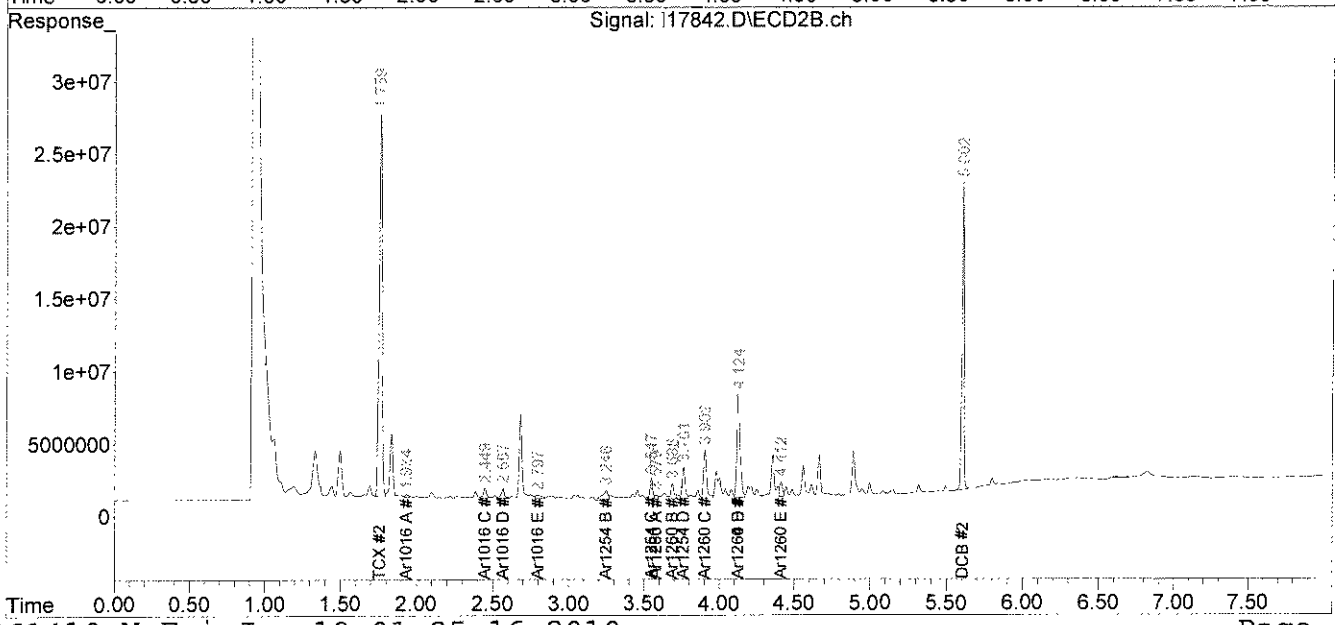
PCB FORM 10

Data Path : C:\msdchem\1\DATA\061710-L\
Data File : l17842.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 10 7:33 pm
Operator : JK
Sample : 66948-11,,A/C
Misc : SOIL
ALS Vial : 24 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 18 01:25:16 2010
Quant Method : C:\msdchem\1\METHODS\PCB061410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 15 19:47:33 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 19, 2010

SAMPLE DATA

CLIENT SAMPLE ID

Project Name: AMISTAD ACADEMY

Project Number: 223019

Field Sample ID: AA-VWP-056

Lab Sample ID: 66948-12
Matrix: Wipe
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date: 06/14/10
Lab Receipt Date: 06/15/10
Extraction Date: 06/16/10
Analysis Date: 06/17/10

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/wipe	Results µg/wipe
PCB-1016	0.5	U
PCB-1221	0.5	U
PCB-1232	0.5	U
PCB-1242	0.5	U
PCB-1248	0.5	U
PCB-1254	0.5	U
PCB-1260	0.5	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	101	%
Decachlorobiphenyl	70	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS:

PCB Report

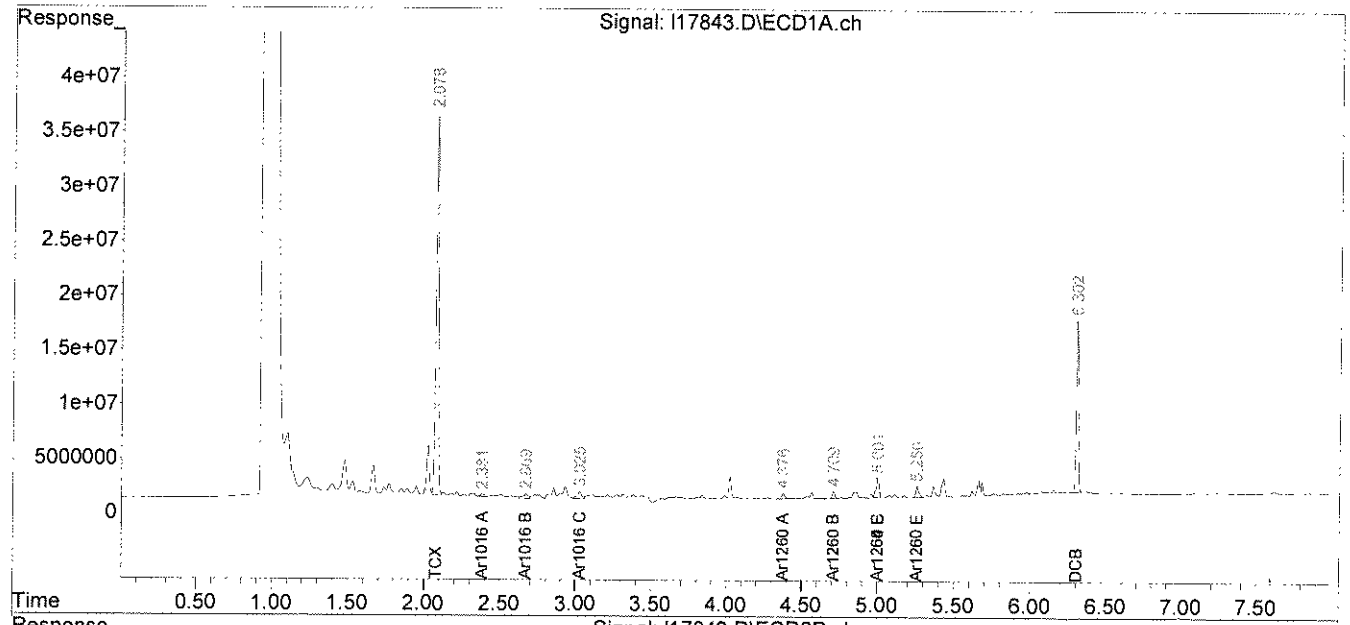
Authorized signature

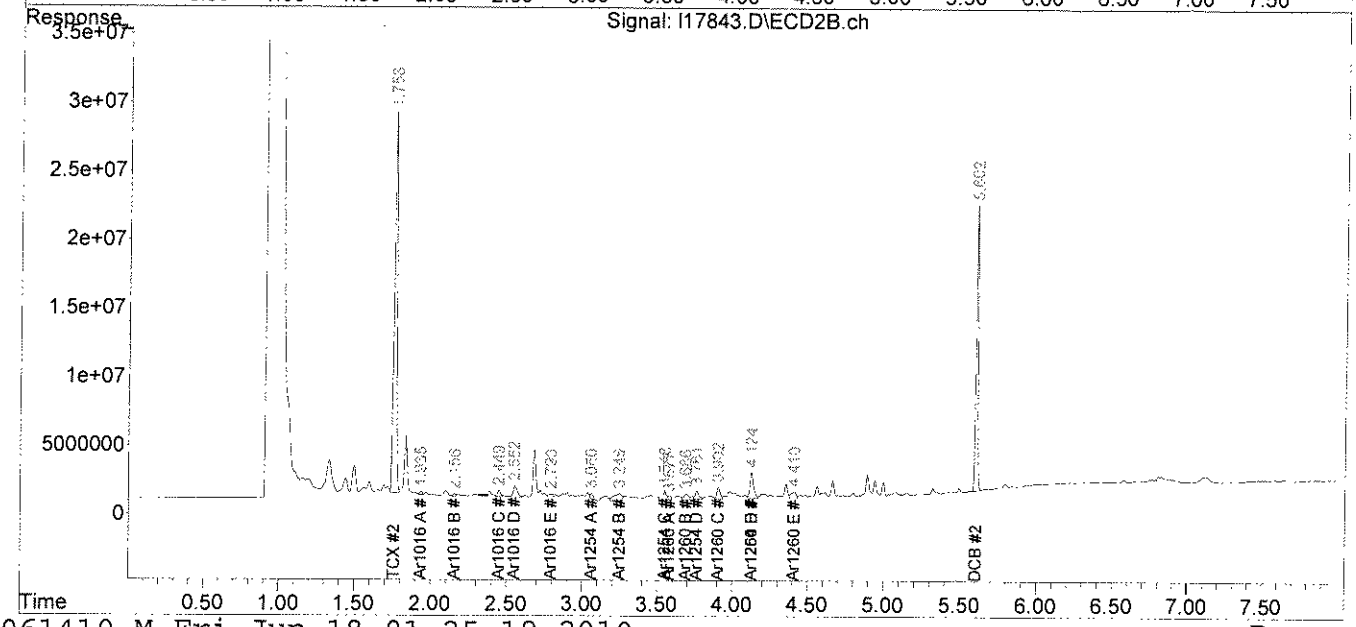
Data Path : C:\msdchem\1\DATA\061710-L\
Data File : l17843.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 10 7:44 pm
Operator : JK
Sample : 66948-12,,A/C
Misc : SOIL
ALS Vial : 25 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 18 01:25:19 2010
Quant Method : C:\msdchem\1\METHODS\PCB061410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 15 19:47:33 2010
Response via : Initial Calibration
Integrator: ChemStation

J 61810

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 19, 2010

SAMPLE DATA

Lab Sample ID: 66948-13
Matrix: Wipe
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date: 06/14/10
Lab Receipt Date: 06/15/10
Extraction Date: 06/16/10
Analysis Date: 06/17/10

CLIENT SAMPLE ID

Project Name: AMISTAD ACADEMY
Project Number: 223019
Field Sample ID: AA-VWP-057

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/wipe	Results µg/wipe
PCB-1016	0.5	U
PCB-1221	0.5	U
PCB-1232	0.5	U
PCB-1242	0.5	U
PCB-1248	0.5	U
PCB-1254	0.5	U
PCB-1260	0.5	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	104	%
Decachlorobiphenyl	72	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS:

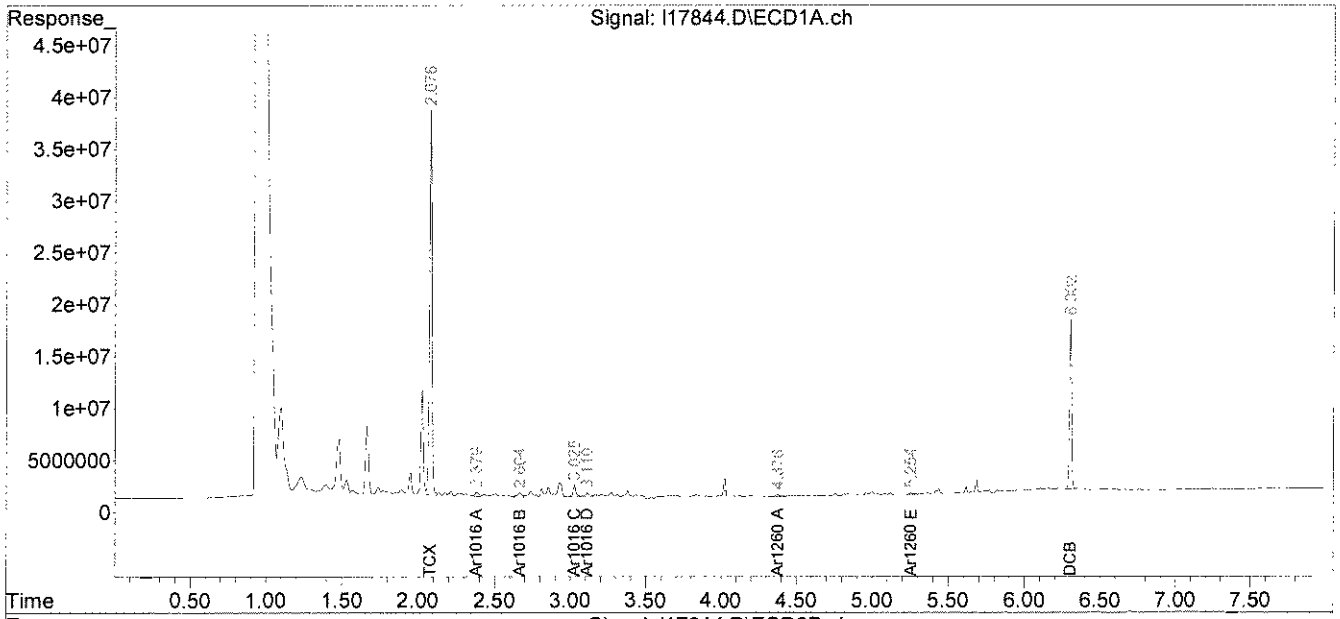
PCB Report

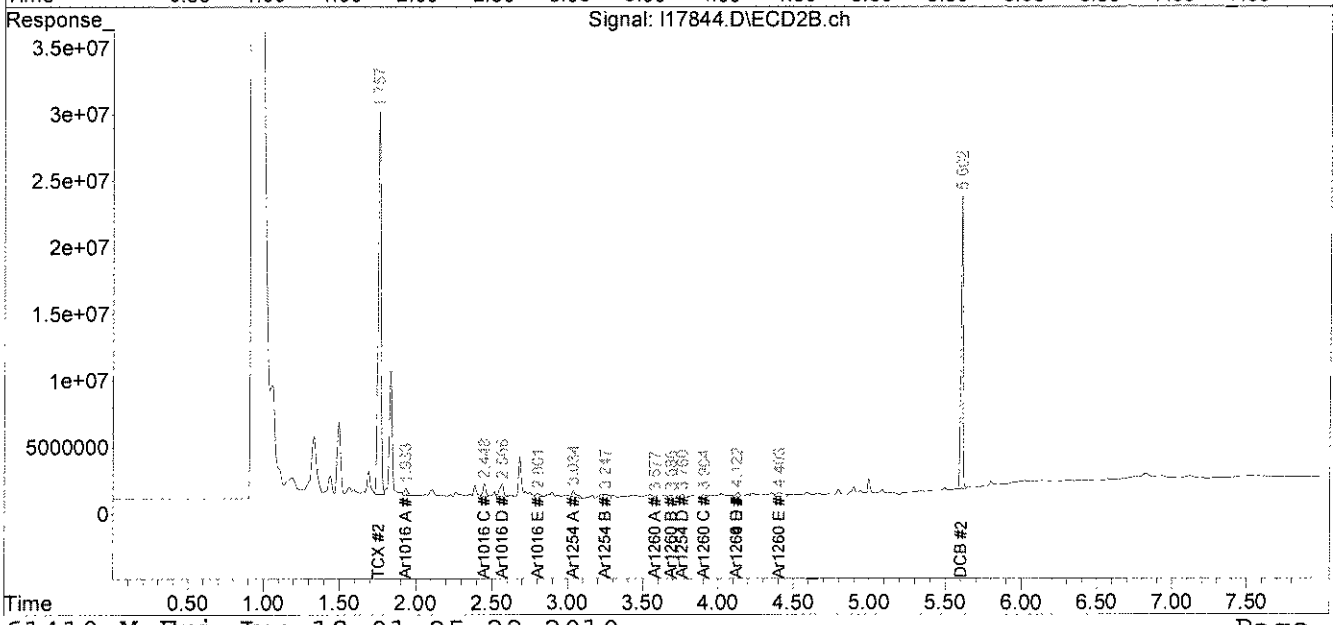
Authorized signature

Data Path : C:\msdchem\1\DATA\061710-L\
Data File : l17844.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 10 7:54 pm
Operator : JK
Sample : 66948-13,,A/C
Misc : SOIL
ALS Vial : 26 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 18 01:25:22 2010
Quant Method : C:\msdchem\1\METHODS\PCB061410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 15 19:47:33 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





PCB
QC FORMS

AnalyticsLLC:AEL Documents LLC:Pkg Dividers:PCBQC.doc

PCB SOIL
SYSTEM MONITORING COMPOUNDS
SUMMARY

Instrument ID: L
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG:

	Column #1				Column #2			
SAMPLE ID	SMC 1 (%)	#	SMC 2 (%)	#	SMC 1 (%)	#	SMC 2 (%)	#
B061610PSOX,,A/C	103		66		96		62	
L061610PSOX,,A/C	104		66		96		62	
LD061610PSOX,,A/C	100		66		93		61	
66948-1,,A/C	103		67		95		63	
66948-2,,A/C	100		66		94		61	
66948-3,,A/C	99		61		92		60	
66948-4,,A/C	95		63		89		57	
66948-5,,A/C	99		66		92		61	
66948-6,,A/C	99		68		94		62	
66948-7,,A/C	98		64		91		60	
66948-9,,A/C	102		67		97		63	
66948-10,,A/C	96		66		92		62	

		Lower Limit	Upper Limit
SMC #1 =	TCX	40	130
SMC #2 =	DCB	40	130

Column to be used to flag recovery values outside of QC limits
* Values outside QC limits
D System Monitoring Compound diluted out

PCB FORM 2

PCB SOIL
SYSTEM MONITORING COMPOUNDS
SUMMARY

Instrument ID: L
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG:

	Column #1				Column #2			
SAMPLE ID	SMC 1 (%)	#	SMC 2 (%)	#	SMC 1 (%)	#	SMC 2 (%)	#
B061610PSOX,RR,,A/C	99		68		93		63	
66948-11,,A/C	100		70		95		64	
66948-12,,A/C	101		70		95		63	
66948-13,,A/C	104		72		98		66	

		Lower Limit	Upper Limit
SMC #1 =	TCX	40	130
SMC #2 =	DCB	40	130

Column to be used to flag recovery values outside of QC limits
* Values outside QC limits
D System Monitoring Compound diluted out

PCB FORM 2

PCB SOIL
SYSTEM MONITORING COMPOUNDS
SUMMARY

Instrument ID: L
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 66948

	Column #1				Column #2			
SAMPLE ID	SMC 1 (%)	#	SMC 2 (%)	#	SMC 1 (%)	#	SMC 2 (%)	#
B061610PSOX,RR,A/C	99		60		96		70	
66948-8,1:20,A/C	D		D		D		D	

		Lower Limit	Upper Limit
SMC #1 =	TCX	40	130
SMC #2 =	DCB	40	130

Column to be used to flag recovery values outside of QC limits
* Values outside QC limits
D System Monitoring Compound diluted out

PCB FORM 2

PCB SOIL
LABORATORY CONTROL SAMPLE/DUPLICATE
PERCENT RECOVERY

Instrument ID: M

GC Column #1: STX-CLPesticides I

Column ID: 0.25 mm

GC Column #2: STX-CLPesticides II

Column ID: 0.25 mm

SDG:

Non-spiked sample: B061610PSOX,,A/C

Spike: L061610PSOX,,A/C

Spike duplicate: LD061610PSOX,,A/C

COMPOUND	LCS SPIKE ADDED (ug/kg)	LCSD SPIKE ADDED (ug/kg)	LOWER LIMIT	UPPER LIMIT	RPD LIMIT	NON-SPIKE RESULT (ug/kg)	SPIKE RESULT (ug/kg)	SPIKE % REC	#	SPIKE DUP RESULT (ug/kg)	SPIKE DUP % REC	#	RPD	#
PCB 1016	200	200	65	140	30	0	226	113		212	106		6.7	
PCB 1260	200	200	60	130	30	0	235	117		201	100		15.6	
PCB 1016 #2	200	200	65	140	30	0	261	131		247	124		5.5	
PCB 1260 #2	200	200	60	130	30	0	202	101		200	100		1.3	

Column to be used to flag recovery and RPD values outside of QC limits

* Values outside QC limits

LCS/LCSD spike added values have been weight adjusted.

Non-spike result of "0" used in place of "U" to allow calculation of spike recovery.

Comments: _____

_____

PCB FORM 3

CHAIN OF CUSTODIES

Chain Of Custody Form

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, NH 03801
Phone (603) 436-5111
Fax (603) 430-2151

For Analytics Use Only Rev. 5 06/18/08

Samples were:
1) Shipped or hand-delivered
2) Temp blank °C 4°C
3) Received in good condition Y or N
4) pH checked by: NA
5) Labels checked by: CB 6/15/10

Project#: 223019 Proj. Name: AMSTAD ACADEMY
Company: Woodard &Curran
Contact: GEORGE FRANKLIN / JEFF HAMEL
Address: 41 Hutchins Drive
Portland, ME
Phone: (207)774-2112 PO# Quote # WCI03051001
Sampler (Signature):

Matrix Key:
C = Concrete
WP = Wipe
WW = Wastewater
SW = Surface Water
GW = Groundwater
DW = Drinking Water
S = Soil/Sludge
O = Oil
E = Extract

Container Key
P=plastic G=glass

Preservation

Station Identification	Sample Date	Sample Time	Analysis	Unpres	4° C	HNO_3	H_2SO_4	HCL	Methanol	Other	Matrix	Container number/type		pH	Analytics Sample #
AA-VWP-045	6/14/10	0820	PCB's by U.S. E.P.A. 8082 w/ Soxhlet Extraction		✓						WP	1	G		66948-1
AA-VWP-046		0825			✓						WP	1	G		-2
AA-VWP-047		0830			✓						WP	1	G		-3
AA-VWP-048		0835			✓						WP	1	G		-4
AA-VWP-049		0840			✓						WP	1	G		-5
AA-VWP-050		0845			✓						WP	1	G		-6
AA-VWP-051		0850			✓						WP	1	G		-7
AA-VWP-052		1025													-8
AA-VWP-053		1030													-9
AA-VWP-054		1040													-10
AA-VWP-055		1045													-11

Email Results to:
gfranklin@woodardcurran.com
jhamel...

Comments / Instructions:
R.L. ≤1.0 mg/kg.

Turnaround Time (TAT)
☐ 24hr* ☐ 48hr*
☐ 72hr* ☑ 5 Days* STD TURN AROUND TIME 3-5 DAYS
☐ 10 Days
*Fee may apply; lab approval required

Project Requirements:
*Fee may apply

Report Type:
☐ MCP* ☑ Level II*
☐ CTRCP* ☐ Level III*
☐ DOD* ☐ Level IV*
☐ Standard

State:
☐ NH
☐ MA
☐ ME
☑ CT
☐ RI
Other:

State Standard:
(eg. S-1 or GW-1)
EDD Required: Y* N
Type: .XLS

Received By: FedEx Time: Date: 6/14/10
Received By: [signature] Time: 915 Date: 6/15/10
Received By: [signature] Time: Date: 6/15/10
Relinquished By Sampler: [signature] Relinquished By: FedEx Relinquished By:

Analytics\AEL Documents\AEL COC

Page 1 of 2

Chain Of Custody Form

Analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, NH 03801
Phone (603) 436-5111
Fax (603) 430-2151

For Analytics Use Only Rev. 5 06/18/08

Samples were:
1) Shipped or hand-delivered
2) Temp blank °C 4°C
3) Received in good condition Y or N
4) pH checked by: NA
5) Labels checked by: CR 6/15/10

Project#: 223019 Proj. Name: AMISTAD ACADEMY
Company: Woodard &Curran
Contact: GEORGE FRANKLIN / JEFF HAMEL
Address: 41 Hutchins Drive
Portland, ME
Phone: (207)774-2112 PO# Quote # WCI03051001
Sampler (Signature):

Matrix Key:
C = Concrete
WP = Wipe
WW = Wastewater
SW = Surface Water
GW = Groundwater
DW = Orinking Water
S = Soil/Sludge
O = Oil
E = Extract

Container Key
P=plastic G=glass

Station Identification	Sample Date	Sample Time	Analysis	Unpres	4° C	HNO_3	H_2SO_4	HCL	Methanol	Other	Matrix	Container number/tvoe		pH	Analytics Sample #
AA-VWP-056	6/14/10	1050	PCB's by U.S.E.P.A. 8082 w/ Soxhlet Extraction		✓						WP	1	G		66948-12
AA-VWP-057	6/14/10	1055			✓						WP	1	G		-13

JB 6/15/10

Received By: FedEx Date: 6/14/10 Time:
Received By: [signature] Date: 6/15/10 Time: 915
Received By: JB 6/15/10 Date: Time:
Relinquished By Sampler: [signature] Date: Time:
Relinquished By: FedEx Date: Time:
Relinquished By: Date: Time:

Email Results to:
franklin@woodardcurran.com
jhamel...

Turnaround Time (TAT)
☐ 24hr* ☐ 48hr*
☐ 72hr* ✓ 5 Days* STD TURN-AROUND TIME 3-5 DAYS
☐ 10 Days
*Fee may apply; lab approval required

Comments / Instructions:
R.L. ≤1.0 mg/kg.

Project Requirements:
*Fee may apply

Report Type:
☐ MCP* ✓ Level II*
☐ CTRCP* ☐ Level III*
☐ DOD* ☐ Level IV*
☐ Standard

State:
☐ NH
☐ MA
☐ ME
✓ CT
☐ RI
Other:

State Standard:
(eg. S-1 or GW-1)
EDD Required: Y* N
Type: .xls

Analytics\AEL Documents\AEL COC

Page 2 of 2

analytics environmental laboratory LLC

ANALYTICS SAMPLE RECEIPT CHECKLIST

AEL LAB#: 66948
CLIENT: Woodard & Curran
PROJECT: Amistad Academy

COOLER NUMBER: NA
NUMBER OF COOLERS: 1
DATE RECEIVED: 6/15/10

A: PRELIMINARY EXAMINATION:

DATE COOLER OPENED: 6/15/10

1. Cooler received by(initials): JSB

Date Received: 6/15/10

2. Circle one: Hand delivered (If so, skip 3) Shipped

3. Did cooler come with a shipping slip? Y N

3a. Enter carrier name and airbill number here: FedEx 7987 5685 7398

4. Were custody seals on the outside of cooler? Y N
How many & where: 2 on lid Seal Date: NA Seal Name: JR

5. Did the custody seals arrive unbroken and intact upon arrival? Y N

6. COC#: NA

7. Were Custody papers filled out properly (ink,signed, etc)? JSB 6/15/10 Y N No Sampler Signature or time relinquish to FedEx

8. Were custody papers sealed in a plastic bag? Y N

9. Did you sign the COC in the appropriate place? Y N

10. Was the project identifiable from the COC papers? Y N

11. Was enough ice used to chill the cooler? Y N Temp. of cooler: 4°C

B. Log-In: Date samples were logged in: 6/15/10 By: JSB

12. Type of packing in cooler(bubble wrap, popcorn) Y N

13. Were all bottles sealed in separate plastic bags? Y N

14. Did all bottles arrive unbroken and were labels in good condition? Y N

15. Were all bottle labels complete(ID,Date,time,etc.) Y N

16. Did all bottle labels agree with custody papers? Y N

17. Were the correct containers used for the tests indicated: Y N

18. Were samples received at the correct pH? Y N/A

19. Was sufficient amount of sample sent for the tests indicated? Y N

20. Were bubbles absent in VOA samples? Y N/A

If NO, List Sample ID's and Lab #s: _____

21. Laboratory labeling verified by (initials): CP Date: 6/15/10

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

June 22, 2010

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

RE: Analytical Results Case Narrative
Analytics # 66954
AMISTAD ACADEMY

Dear Mr. Franklin;

Enclosed please find the analytical results for samples submitted for the above-mentioned project. The attached Cover Page lists the sample IDs, Lab tracking numbers and collection dates for the samples included in this deliverable.

Samples were analyzed Polychlorinated Biphenyls (PCBs) by EPA Method 8082.

Unless otherwise noted in the Non-conformance Summary listed below, all of the quality control (QC) criteria including initial calibration, calibration verification, surrogate recovery, holding time and method accuracy/precision for these analyses were within acceptable limits.

This Level II data package has been assembled in the following order:

Case Narrative/Non-Conformance Summary
Sample Log Sheet - Cover Page
PCB Form 1 Data Sheet for Samples and Blanks
    Chromatograms
PCB Form 10 Confirmation Results
PCB Form 3 MS/MSD (LCS) Recoveries
Chain of Custody (COC) Forms

QC NON-CONFORMANCE SUMMARY

Sample Receipt:
No exceptions.

PCBs by EPA Method 8082:
No results were reported below the quantitation limit.

Samples 66954-2, 66954-3 and 66954-6 were analyzed a dilution due to the concentrations of PCBs detected in the sample.

Sample 66954-3 and 66954-9 had low recovery for Decachlorobiphenyl(DCB) surrogate on one of the two columns. The other column was in control for both surrogates. Results were reported without qualification.

If you have any questions on these results, please do not hesitate to contact me.

Sincerely,
ANALYTICS Environmental Laboratory, LLC

Stephen L. Knollmeyer
Laboratory Director

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

Report Number: 66954

Revision: Rev. 0

Re: AMISTAD ACADEMY (Project No: 223019)

Enclosed are the results of the analyses on your sample(s). Samples were received on 16 June 2010 and analyzed for the tests listed. Samples were received in acceptable condition, with the exceptions noted below or on the chain of custody. These results pertain to samples as received by the laboratory and for the analytical tests requested on the chain of custody. The results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report. Please see individual reports for specific methodologies and references.

Sample Analysis: The attached pages detail the Client Sample IDs, Lab Sample IDs, and Analyses requested

Sample Receipt Exceptions: None

Analytics Environmental Laboratory is certified by the states of New Hampshire, Maine, Massachusetts, Connecticut, Rhode Island, Virginia, Maryland, and is accredited by the Deparment of Defense (DOD) ELAP program. A list of actual certified parameters is available upon request.

If you have any questions on these results, please do not hesitate to contact us.

Authorized signature _____ for
Stephen L. Knollmeyer Lab. Director

Date 06/18/10

This report shall not be reproduced, except in full, without the written consent of Analytics Environmental Laboratory, LLC.

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

CLIENT: Woodard & Curran **REPORT NUMBER: 66954** **REV: Rev. 0**

PROJECT: AMISTAD ACADEMY (Project No: 223019)

Lab Number	Sample Date	Station Location	Analysis	Comments
66954-1	06/15/10	AA-VWP-058	EPA 8082 (PCBs only)	
66954-2	06/15/10	AA-AP-004	EPA 8082 (PCBs only)	
66954-3	06/15/10	AA-AP-005	EPA 8082 (PCBs only)	
66954-4	06/15/10	AA-SS-069	EPA 8082 (PCBs only)	
66954-5	06/15/10	AA-SS-070	EPA 8082 (PCBs only)	
66954-6	06/15/10	AA-CC-021	EPA 8082 (PCBs only)	
66954-7	06/15/10	AA-CC-022	EPA 8082 (PCBs only)	
66954-8	06/15/10	AA-VBS-059	EPA 8082 (PCBs only)	
66954-9	06/15/10	AA-VBS-060	Electronic Data Deliverable	
	06/15/10	AA-VBS-060	EPA 8082 (PCBs only)	

analytics environmental laboratory LLC

Surrogate Compound Limits

Matrix:	Aqueous	Solid	
Units:	% Recovery	% Recovery	Method
Volatile Organic Compounds - Drinking Water			
1,4-Difluorobenzene	70-130		EPA 524.2
Bromofluorobenzene	70-130		
1,2-Dichlorobenzene-d4	70-130		
Volatile Organic Compounds			
1,2-Dichloroethane-d4	70-120	70-120	EPA 624/8260B
Toluene-d8	85-120	85-120	
Bromofluorobenzene	75-120	75-120	
Semi-Volatile Organic Compounds			
2-Fluorophenol	20-110	35-105	EPA 625/8270C
d5-Phenol	15-110	40-100	
d5-nitrobenzene	40-110	35-100	
2-Fluorobiphenyl	50-110	45-105	
2,4,6-Tribromophenol	40-110	40-125	
d14-p-terphenyl	50-130	30-125	
PAH's by SIM			
d5-nitrobenzene	21-110	35-110	EPA 8270C
2-Fluorobiphenyl	36-121	45-105	
d14-p-terphenyl	33-141	30-125	
Pesticides and PCBs			
2,4,5,6-Tetrachloro-m-xylene (TCX)	46-122	40-130	EPA 608/8082
Decachlorobiphenyl (DCB)	40-135	40-130	
Herbicides			
Dichloroacetic acid (DCAA)	30-150	30-150	
Gasoline Range Organics/TPH Gasoline			
Trifluorotoluene TFT (FID)	60-140	60-140	MEDEP 4217/EPA 8015
Bromofluorobenzene (BFB) (FID)	60-140	60-140	
Trifluorotoluene TFT (PID)	60-140	60-140	
Bromofluorobenzene (BFB) (PID)	60-140	60-140	
Diesel Range Organics/TPH Diesel			
m-terphenyl	60-140	60-140	MEDEP 4125/EPA 8015/CT ETPH
Volatile Petroleum Hydrocarbons			
2,5-Dibromotoluene (PID)	70-130	70-130	MADEP VPH May 2004 Rev1.1
2,5-Dibromotoluene (FID)	70-130	70-130	
Extracatable Petroleum Hydrocarbons			
1-chloro-octadecane (aliphatic)	40-140	40-140	MADEP EPH May 2004 Rev1.1
o-Terphenyl (aromatic)	40-140	40-140	
2-Fluorobiphenyl (Fractionation)	40-140	40-140	
2-Bromonaphthalene (fractionation)	40-140	40-140	

PCB
DATA SUMMARIES

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 18, 2010

SAMPLE DATA

Lab Sample ID: B061610PSOX2
Matrix: Soil
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date:
Lab Receipt Date:
Extraction Date: 06/16/10
Analysis Date: 06/17/10

CLIENT SAMPLE ID

Project Name: AMISTAD ACADEMY
Project Number: 223019
Field Sample ID: Lab QC

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	98	%
Decachlorobiphenyl	55	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB Report

Authorized signature

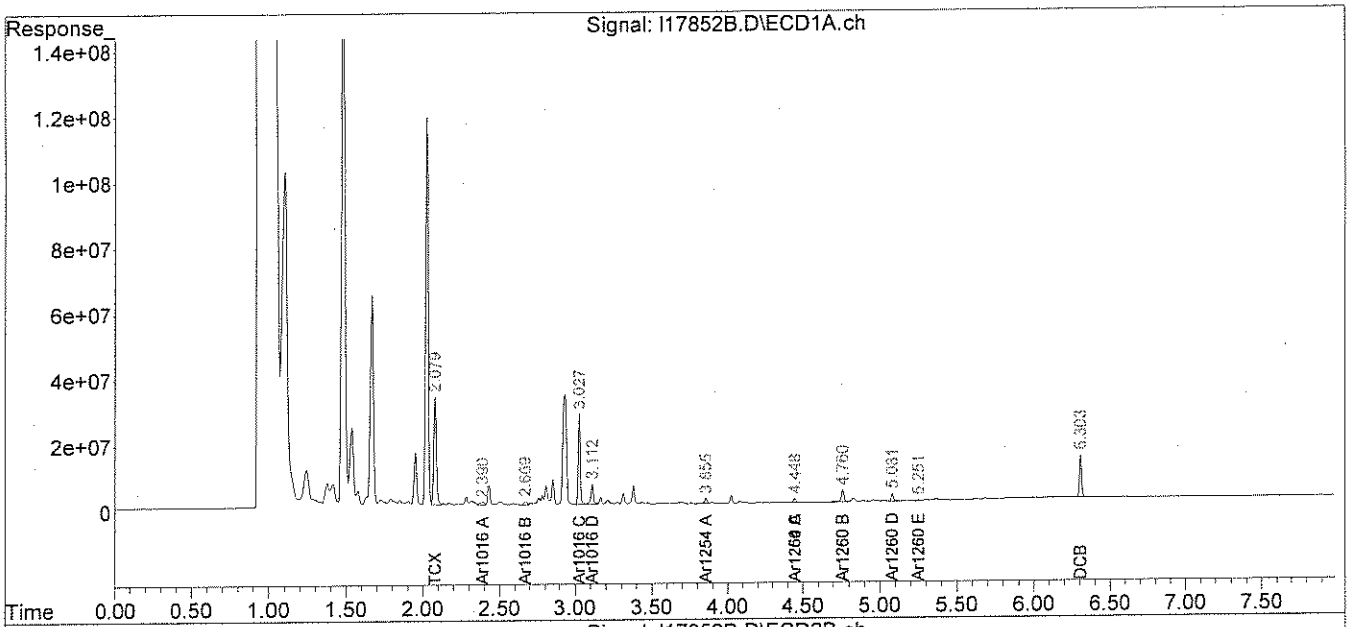
Quantitation Report (Not Reviewed)

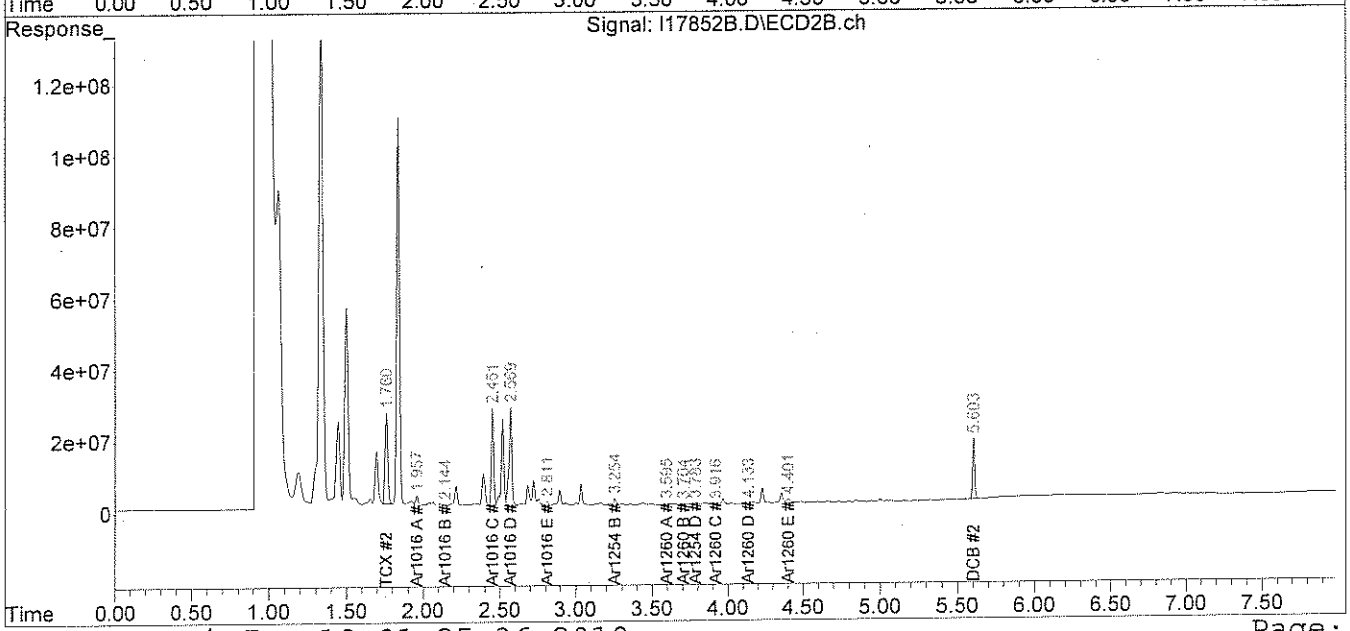
Data Path : C:\msdchem\1\DATA\061710-L\
Data File : l17852B.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 10 9:17 pm
Operator : JK
Sample : B061610PSOX2,,A/C
Misc : SOIL
ALS Vial : 31 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 18 01:25:36 2010
Quant Method : C:\msdchem\1\METHODS\PCB061410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 15 19:47:33 2010
Response via : Initial Calibration
Integrator: ChemStation

J61810

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 21, 2010

SAMPLE DATA

Lab Sample ID: B061610PSOX2 RR
Matrix: Soil
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date:
Lab Receipt Date:
Extraction Date: 06/16/10
Analysis Date: 06/18/10

CLIENT SAMPLE ID

Project Name: AMISTAD ACADEMY
Project Number: 223019
Field Sample ID: Lab QC

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	105	%
Decachlorobiphenyl	64	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

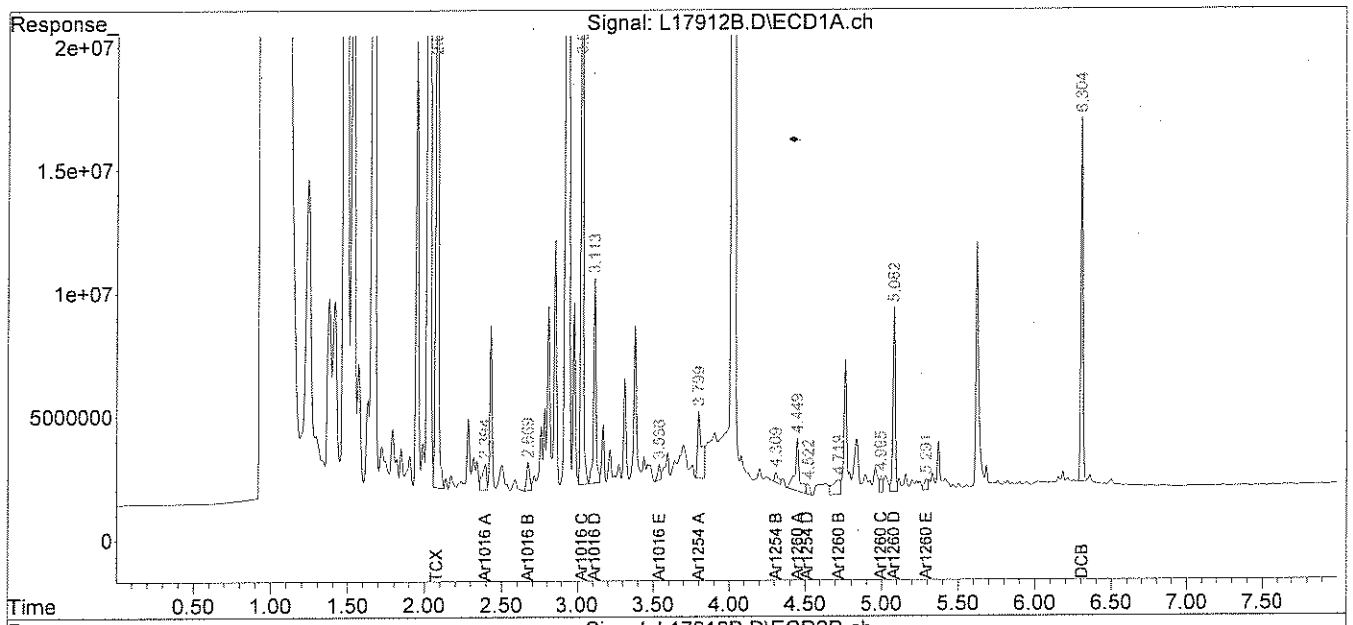
Quantitation Report (Not Reviewed)

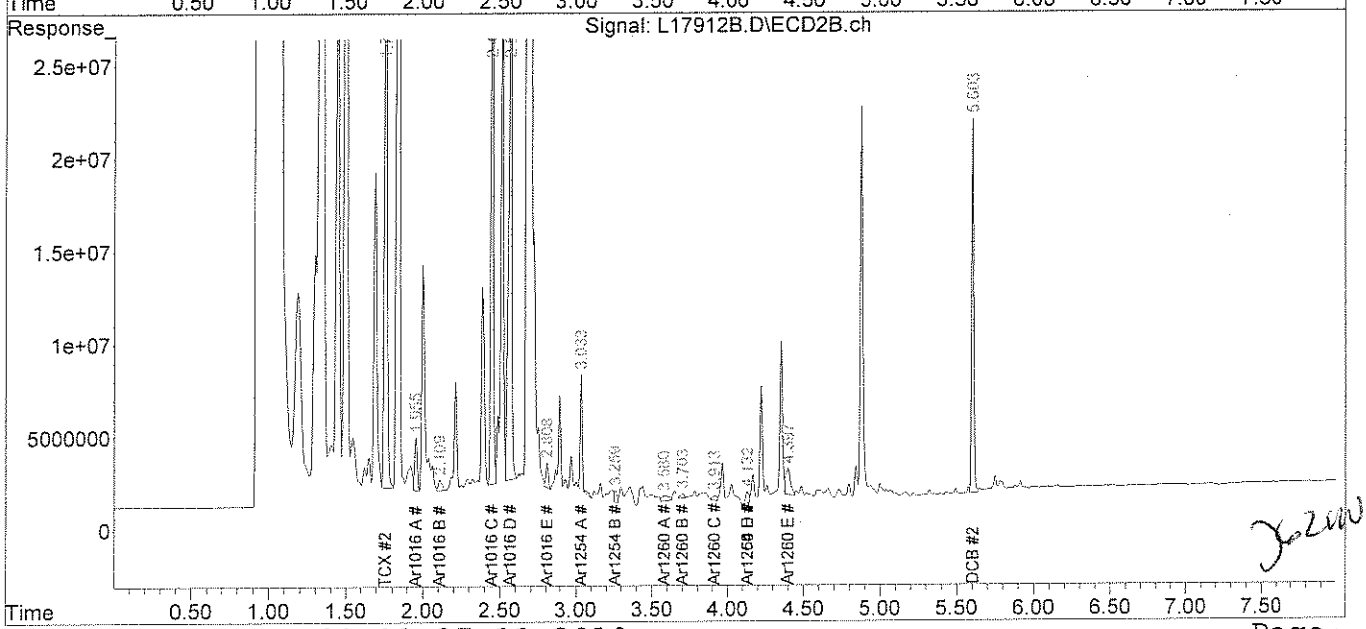
Data Path : C:\msdchem\1\DATA\061710-L\
Data File : L17912B.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Jun 10 5:24 pm
Operator : AR
Sample : B061610PSOX2,RR,,A/C
Misc : SOIL
ALS Vial : 32 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 21 11:37:10 2010
Quant Method : C:\msdchem\1\METHODS\PCB061410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 15 19:47:33 2010
Response via : Initial Calibration
Integrator: ChemStation

JL 06.24.10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 23, 2010

SAMPLE DATA

Lab Sample ID: B062110PSOX
Matrix: Soil
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date:
Lab Receipt Date:
Extraction Date: 06/21/10
Analysis Date: 06/22/10

CLIENT SAMPLE ID

Project Name: AMISTAD ACADEMY
Project Number: 223019
Field Sample ID: Lab QC

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	79	%
Decachlorobiphenyl	47	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB Report

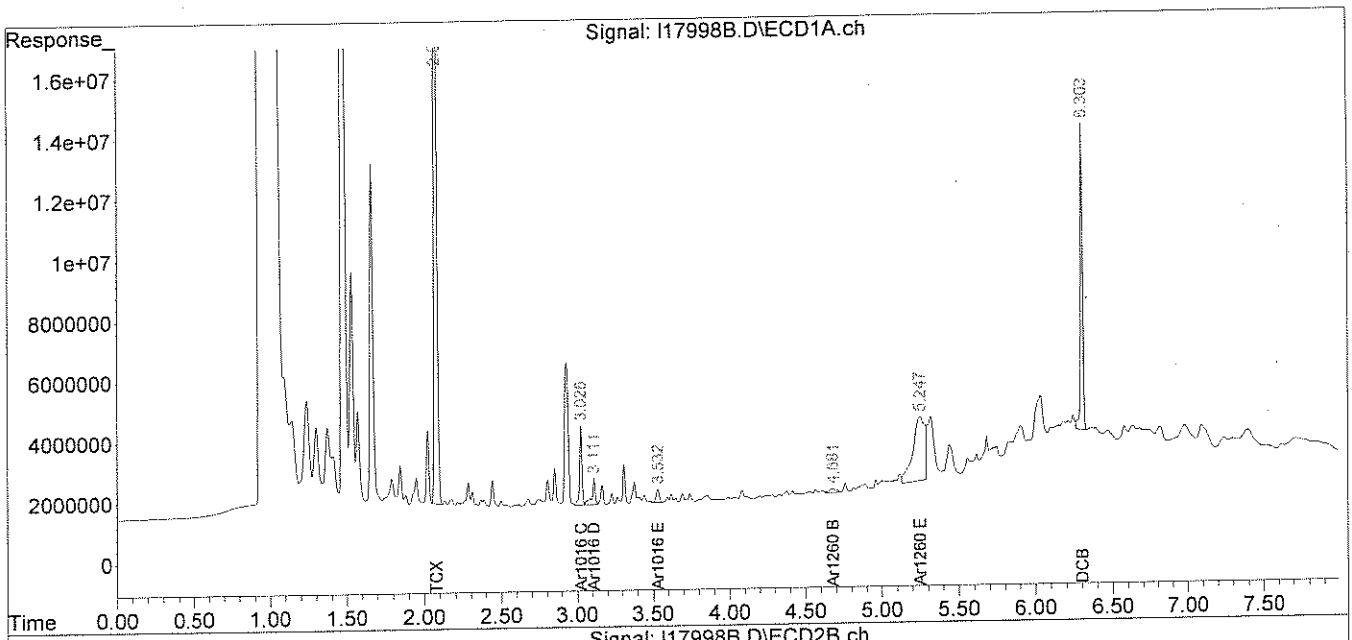
Authorized signature

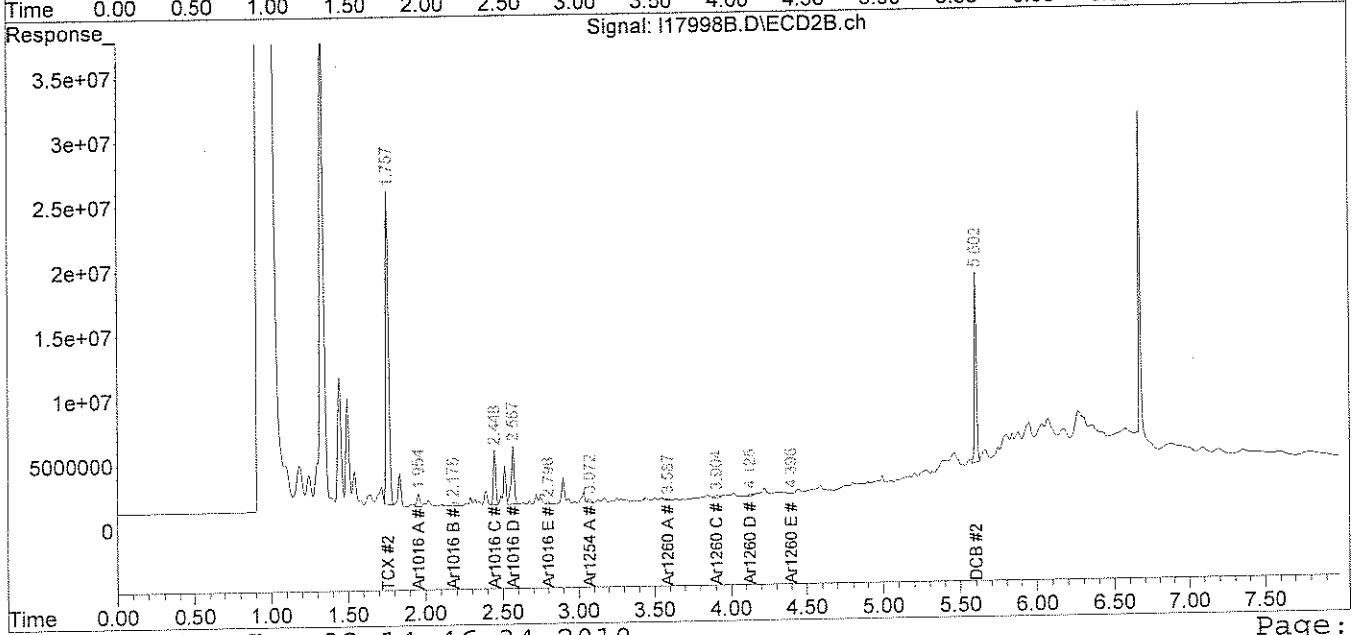
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\062210-L\
Data File : 117998B.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Jun 10 2:25 pm
Operator : MG
Sample : B062110PSOX,AC
Misc :
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 22 14:46:33 2010
Quant Method : C:\msdchem\1\METHODS\PCB061410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 15 19:47:33 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 18, 2010

SAMPLE DATA

Lab Sample ID:	66954-1
Matrix:	Wipe
Percent Solid:	N/A
Dilution Factor:	1.0
Collection Date:	06/15/10
Lab Receipt Date:	06/16/10
Extraction Date:	06/16/10
Analysis Date:	06/17/10

CLIENT SAMPLE ID

Project Name:	AMISTAD ACADEMY
Project Number:	223019
Field Sample ID:	AA-VWP-058

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/wipe	Results µg/wipe
PCB-1016	0.5	U
PCB-1221	0.5	U
PCB-1232	0.5	U
PCB-1242	0.5	U
PCB-1248	0.5	U
PCB-1254	0.5	U
PCB-1260	0.5	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	99	%
Decachlorobiphenyl	55	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS:

PCB Report

Authorized signature

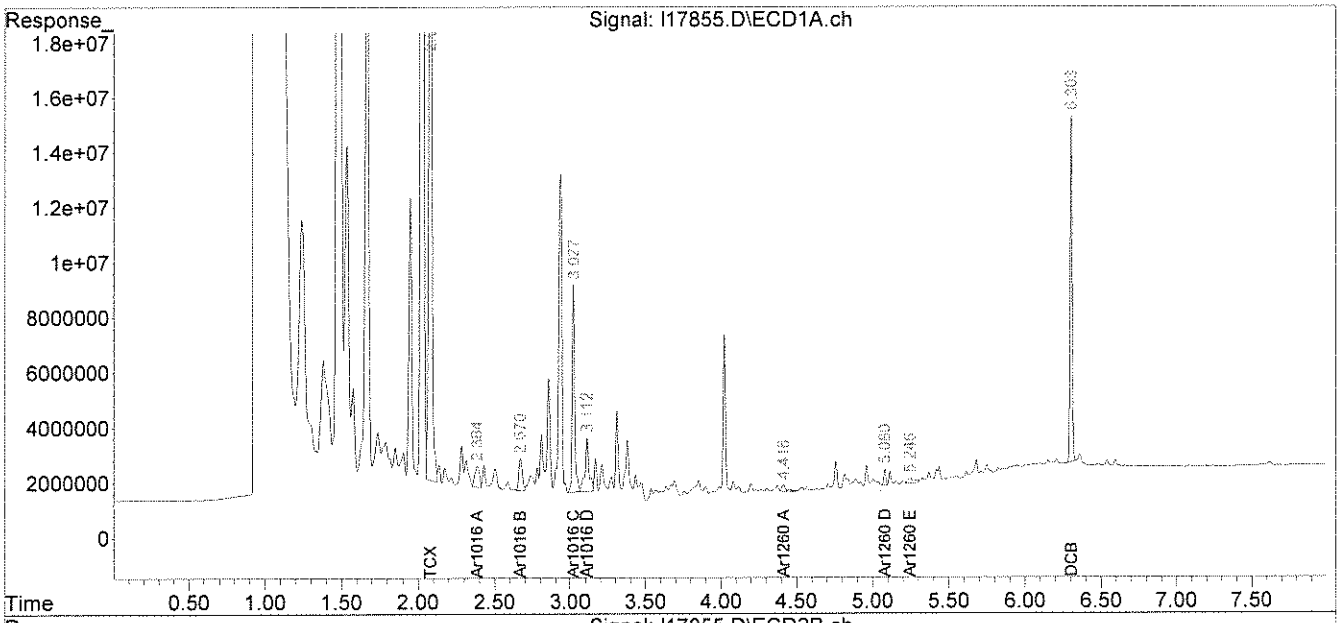
Quantitation Report (QT Reviewed)

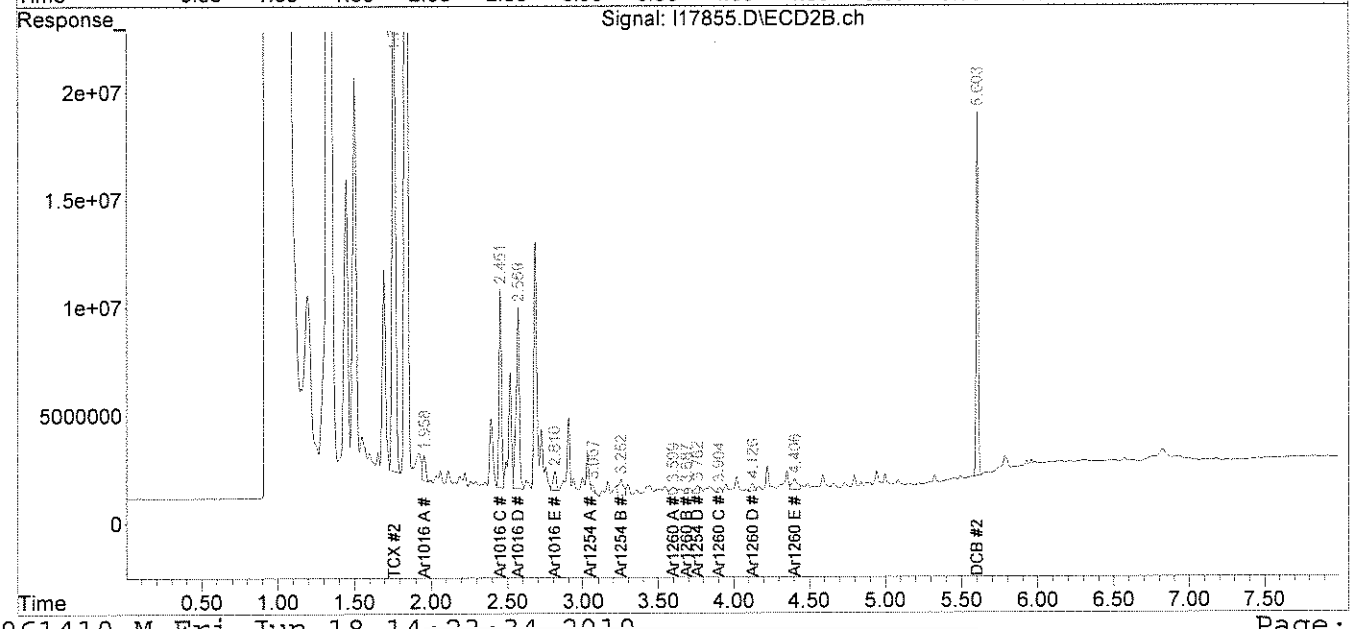
Data Path : C:\msdchem\1\DATA\061710-L\
Data File : l17855.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 10 9:48 pm
Operator : JK
Sample : 66954-1,,A/C
Misc : SOIL
ALS Vial : 34 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 18 01:25:45 2010
Quant Method : C:\msdchem\1\METHODS\PCB061410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 15 19:47:33 2010
Response via : Initial Calibration
Integrator: ChemStation

JL
06·18·10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 18, 2010

SAMPLE DATA

Lab Sample ID:	66954-2
Matrix:	Solid
Percent Solid:	99
Dilution Factor:	4.9
Collection Date:	06/15/10
Lab Receipt Date:	06/16/10
Extraction Date:	06/16/10
Analysis Date:	06/17/10

CLIENT SAMPLE ID

Project Name:	AMISTAD ACADEMY
Project Number:	223019
Field Sample ID:	AA-AP-004

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	160	U
PCB-1221	160	U
PCB-1232	160	U
PCB-1242	160	U
PCB-1248	160	U
PCB-1254	160	**606**
PCB-1260	160	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	96	%
Decachlorobiphenyl	99	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 66954
Sample: 66954-2,1:5,,A/C
Data File: I17856.D
Dilution Factor: 4.9

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	606	526	14.1	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

PCB FORM 10

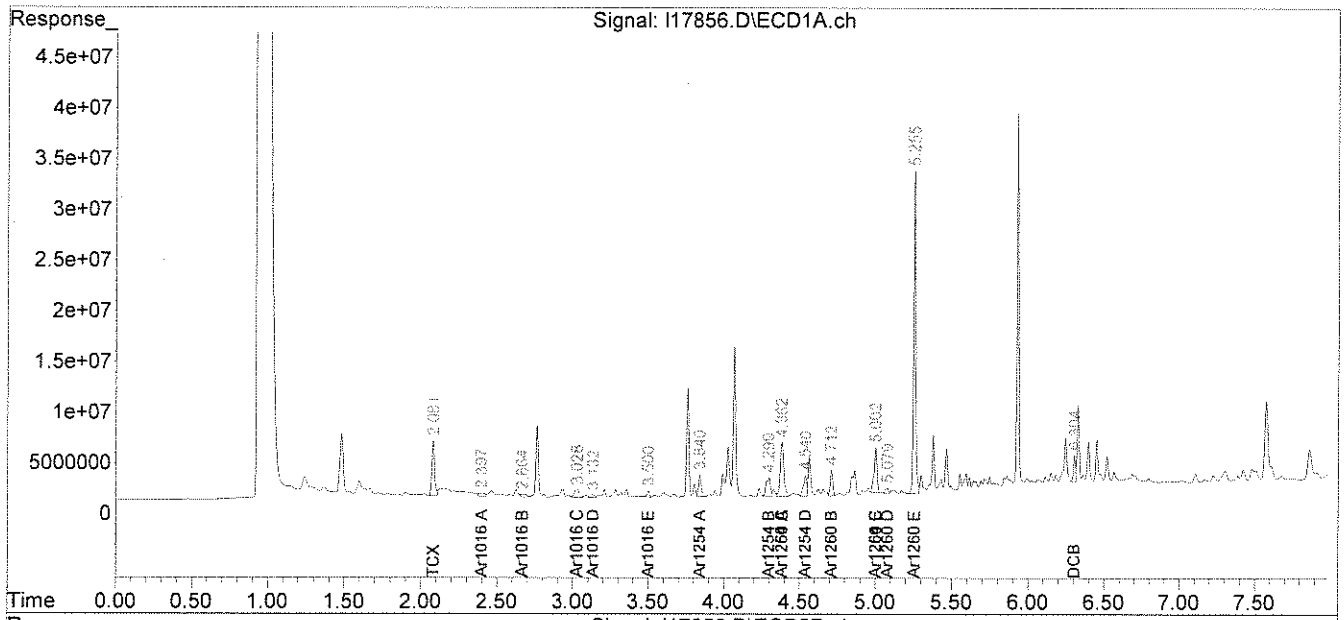
Quantitation Report (QT Reviewed)

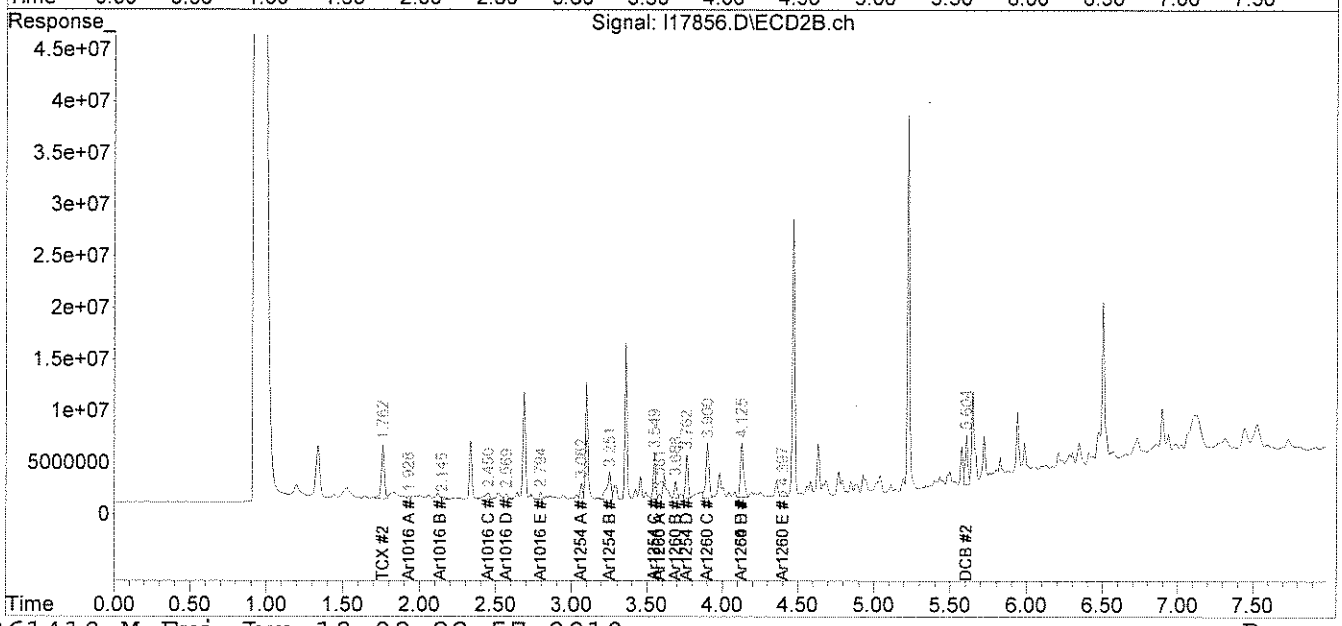
Data Path : C:\msdchem\1\DATA\061710-L\
Data File : l17856.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 10 9:58 pm
Operator : JK
Sample : 66954-2,1:5,,A/C
Misc : SOIL
ALS Vial : 35 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 18 08:22:26 2010
Quant Method : C:\msdchem\1\METHODS\PCB061410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 15 19:47:33 2010
Response via : Initial Calibration
Integrator: ChemStation

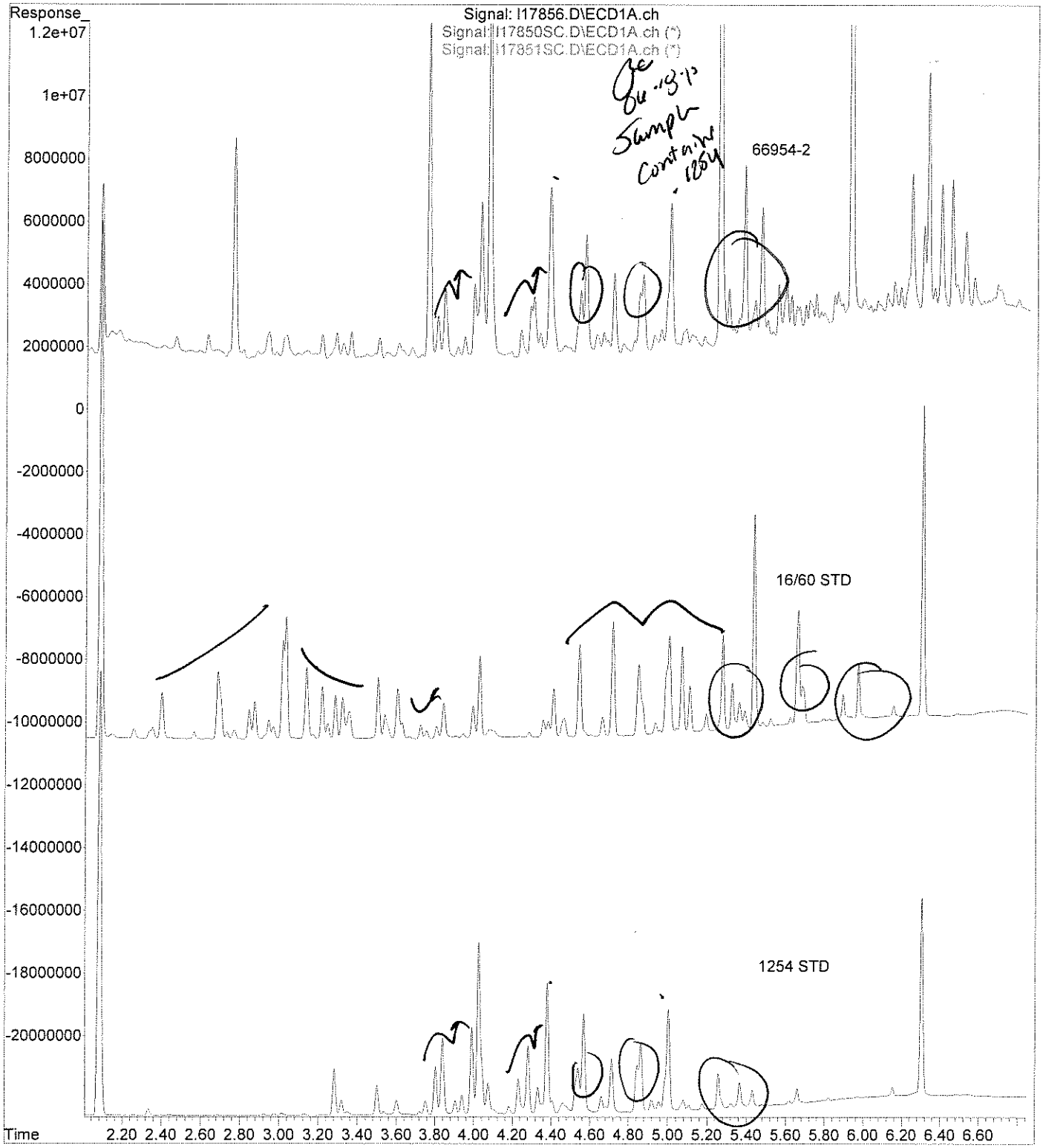
06-13-10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





File :C:\msdchem\1\DATA\061710-L\l17856.D
Operator : JK
Acquired : 17 Jun 10 9:58 pm using AcqMethod PEST.M
Instrument : Inst L
Sample Name: 66954-2,1:5,,A/C
Misc Info : SOIL
Vial Number: 35



analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 18, 2010

SAMPLE DATA

Lab Sample ID:	66954-3
Matrix:	Solid
Percent Solid:	99
Dilution Factor:	4.9
Collection Date:	06/15/10
Lab Receipt Date:	06/16/10
Extraction Date:	06/16/10
Analysis Date:	06/17/10

CLIENT SAMPLE ID

Project Name:	AMISTAD ACADEMY
Project Number:	223019
Field Sample ID:	AA-AP-005

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	160	U
PCB-1221	160	U
PCB-1232	160	U
PCB-1242	160	U
PCB-1248	160	U
PCB-1254	160	**770**
PCB-1260	160	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	84	%
Decachlorobiphenyl	53	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 66954
Sample: 66954-3,1:5,,A/C
Data File: I17857.D
Dilution Factor: 4.9

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	663	770	14.9	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

PCB FORM 10

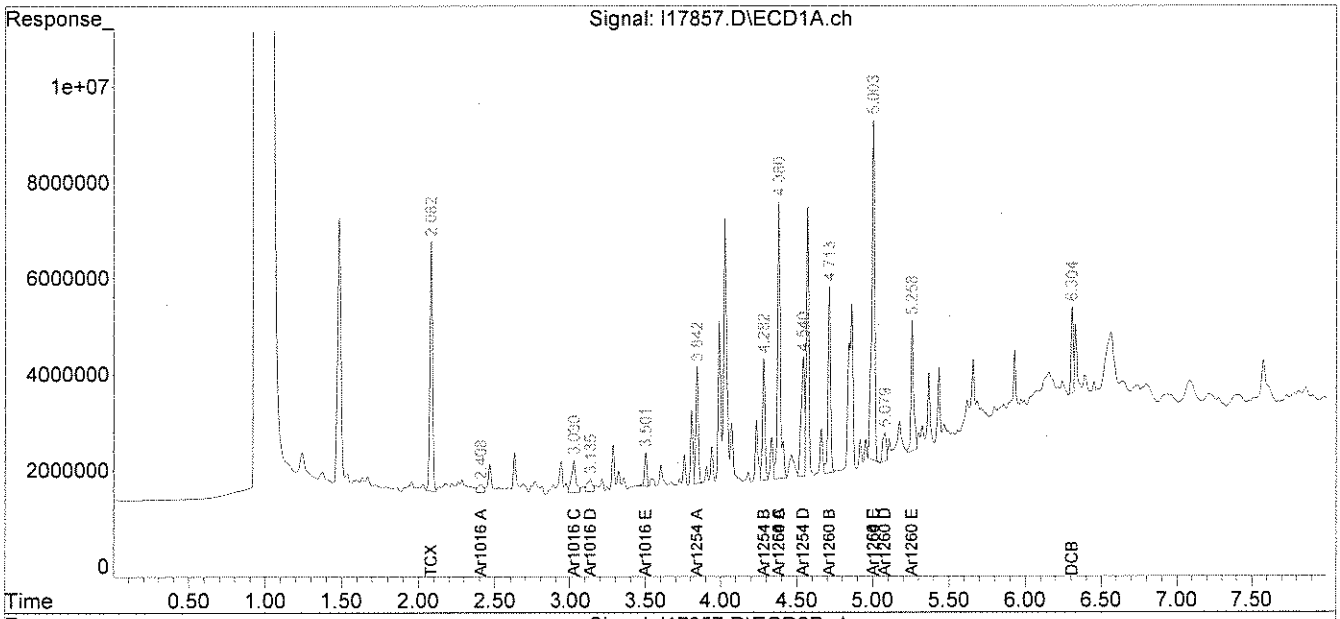
Quantitation Report (Not Reviewed)

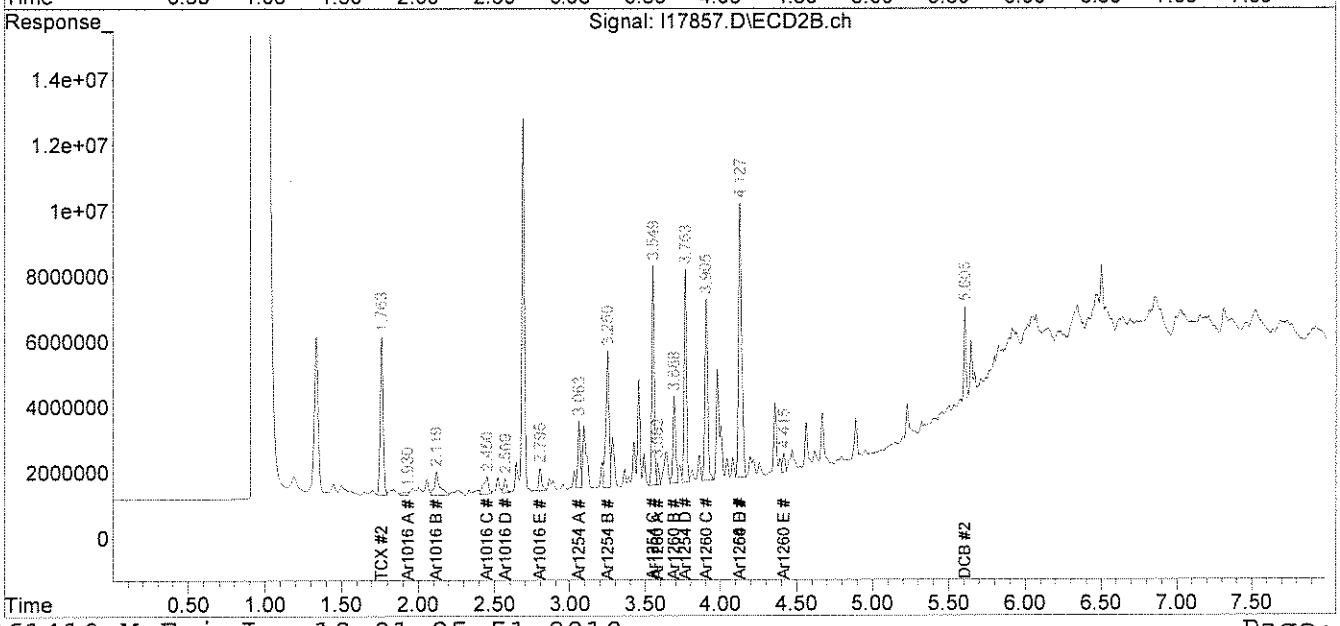
Data Path : C:\msdchem\1\DATA\061710-L\
Data File : l17857.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 10 10:08 pm
Operator : JK
Sample : 66954-3,1:5,,A/C
Misc : SOIL
ALS Vial : 36 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 18 01:25:51 2010
Quant Method : C:\msdchem\1\METHODS\PCB061410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 15 19:47:33 2010
Response via : Initial Calibration
Integrator: ChemStation

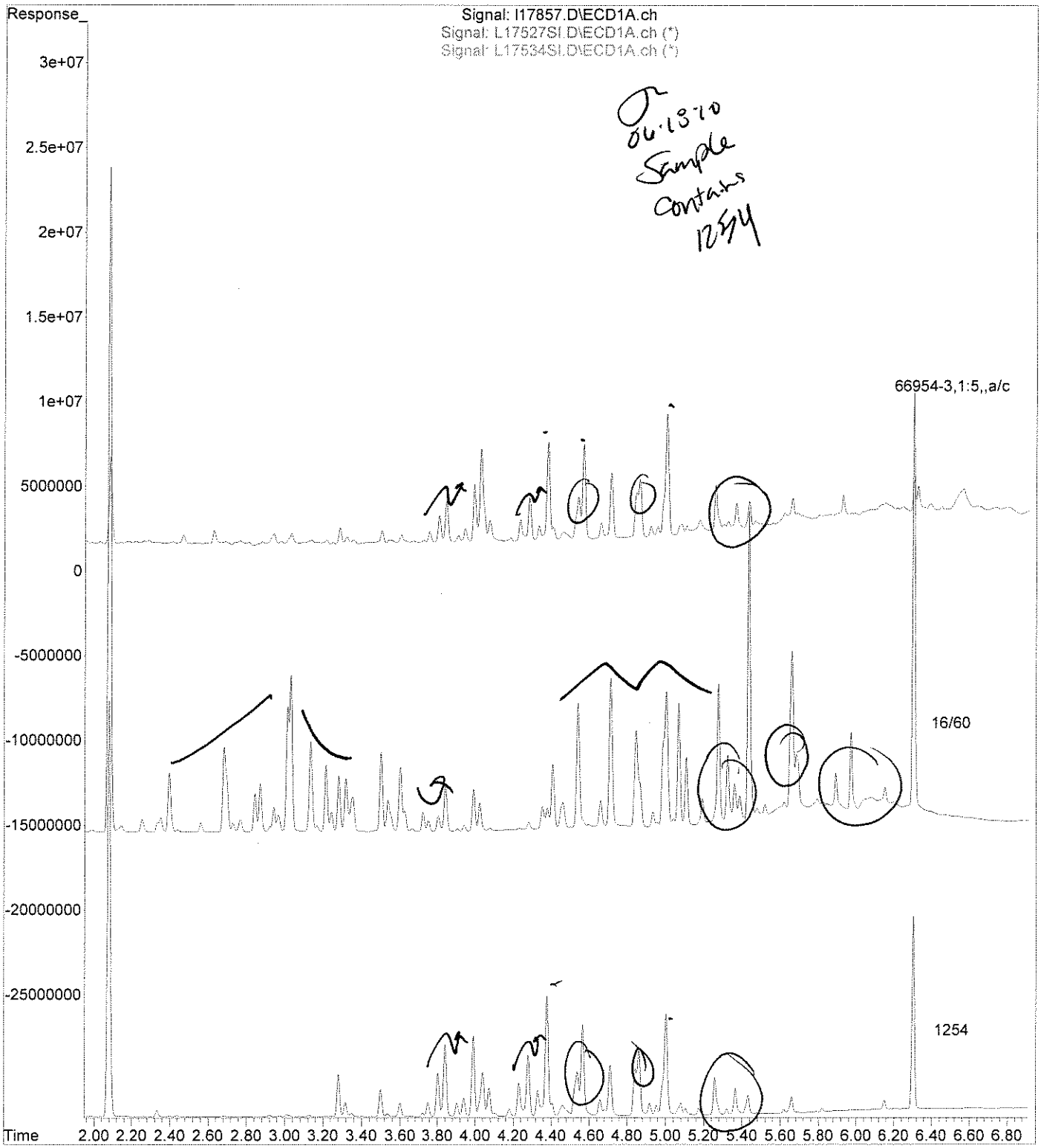
JL 06.18.10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





File :C:\msdchem\1\DATA\061710-L\l17857.D
Operator : JK
Acquired : 17 Jun 10 10:08 pm using AcqMethod PEST.M
Instrument : Inst L
Sample Name: 66954-3,1:5,,A/C
Misc Info : SOIL
Vial Number: 36



06.13.10
Sample
Contains
1254

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 18, 2010

SAMPLE DATA

Lab Sample ID:	66954-4
Matrix:	Solid
Percent Solid:	84
Dilution Factor:	1.2
Collection Date:	06/15/10
Lab Receipt Date:	06/16/10
Extraction Date:	06/16/10
Analysis Date:	06/17/10

CLIENT SAMPLE ID

Project Name:	AMISTAD ACADEMY
Project Number:	223019
Field Sample ID:	AA-SS-069

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	40	U
PCB-1221	40	U
PCB-1232	40	U
PCB-1242	40	U
PCB-1248	40	U
PCB-1254	40	**345**
PCB-1260	40	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	84	%
Decachlorobiphenyl	46	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 66954
Sample: 66954-4,,A/C
Data File: l17858.D
Dilution Factor: 1.2

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	345	304	12.7	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

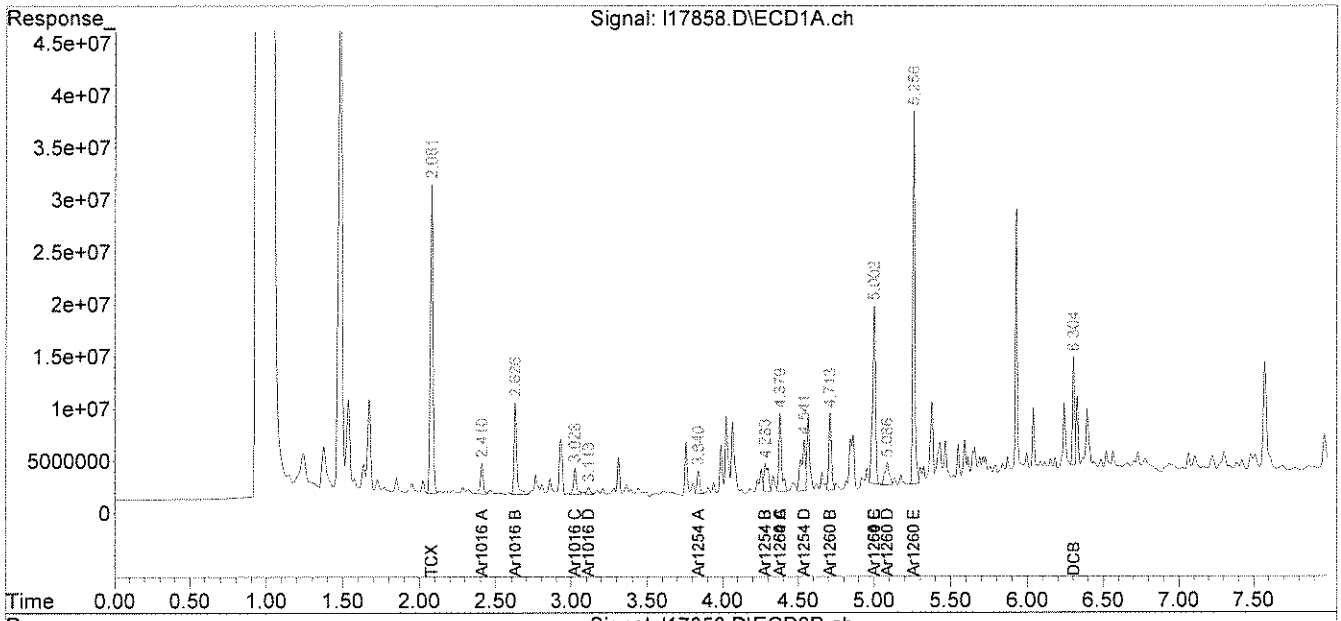
PCB FORM 10

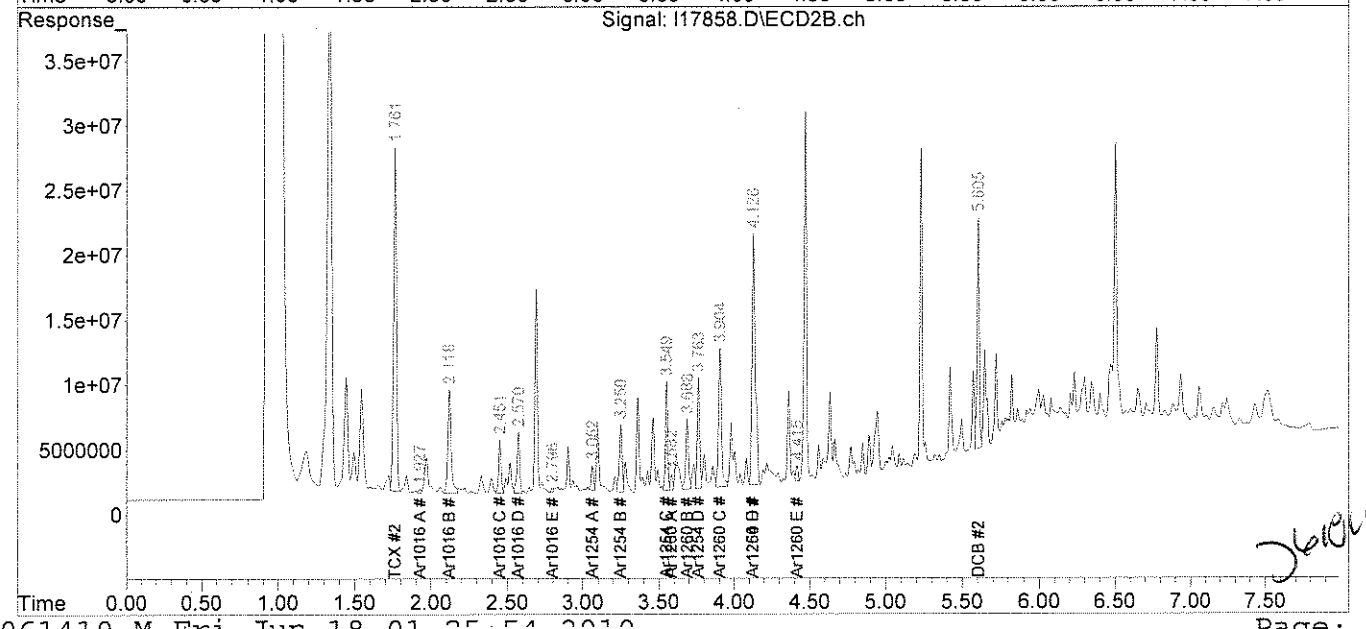
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\061710-L\
Data File : l17858.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 10 10:19 pm
Operator : JK
Sample : 66954-4,,A/C
Misc : SOIL
ALS Vial : 37 Sample Multiplier: 1

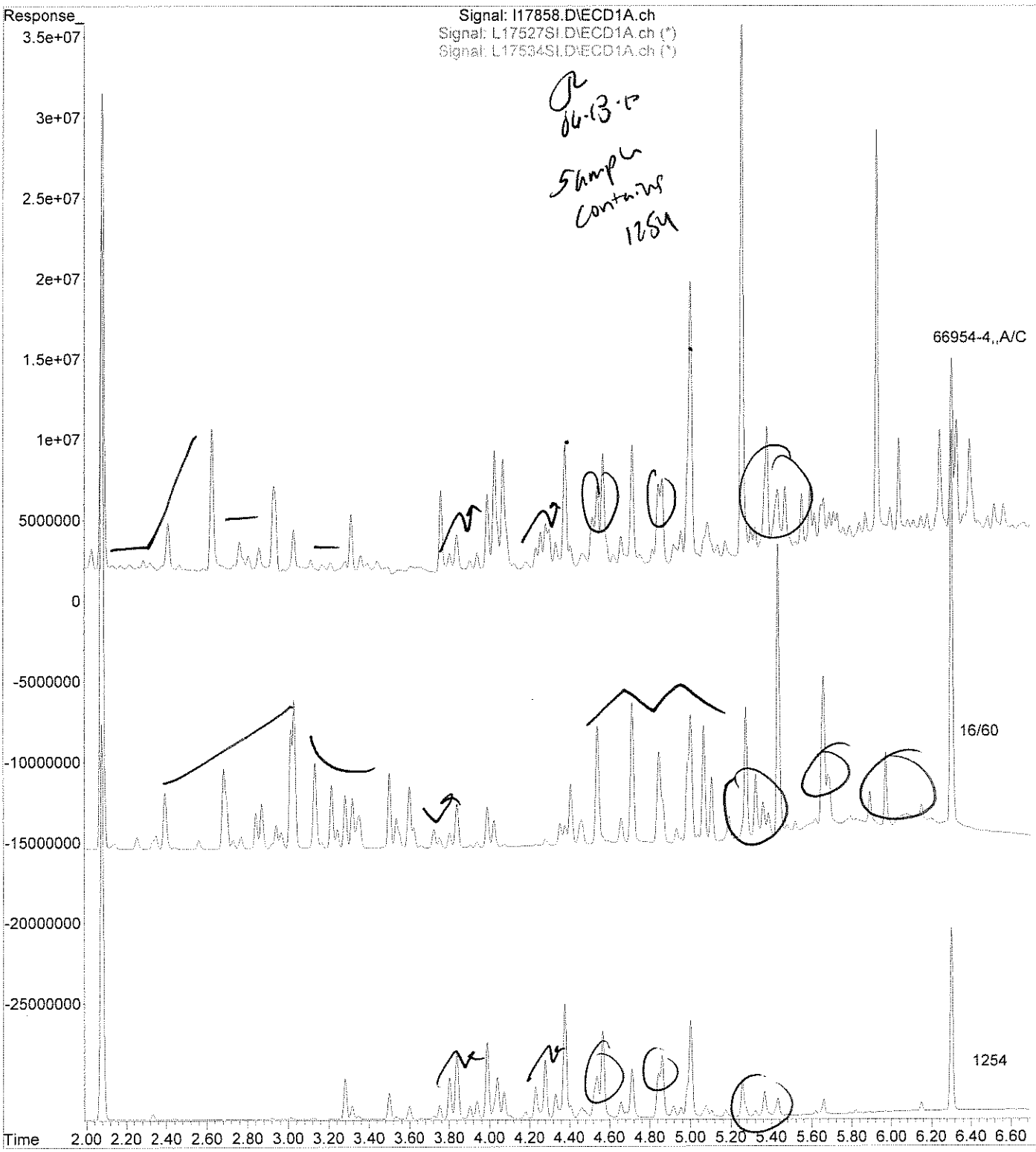
Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 18 01:25:54 2010
Quant Method : C:\msdchem\1\METHODS\PCB061410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 15 19:47:33 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





File :C:\msdchem\1\DATA\061710-L\l17858.D
Operator : JK
Acquired : 17 Jun 10 10:19 pm using AcqMethod PEST.M
Instrument : Inst L
Sample Name: 66954-4,,A/C
Misc Info : SOIL
Vial Number: 37



analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 18, 2010

SAMPLE DATA

Lab Sample ID:	66954-5
Matrix:	Solid
Percent Solid:	81
Dilution Factor:	1.2
Collection Date:	06/15/10
Lab Receipt Date:	06/16/10
Extraction Date:	06/16/10
Analysis Date:	06/17/10

CLIENT SAMPLE ID

Project Name:	AMISTAD ACADEMY
Project Number:	223019
Field Sample ID:	AA-SS-070

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	40	U
PCB-1221	40	U
PCB-1232	40	U
PCB-1242	40	U
PCB-1248	40	U
PCB-1254	40	**662**
PCB-1260	40	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	91	%
Decachlorobiphenyl	47	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 66954
Sample: 66954-5,,A/C
Data File: I17859.D
Dilution Factor: 1.2

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	662	627	5.4	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

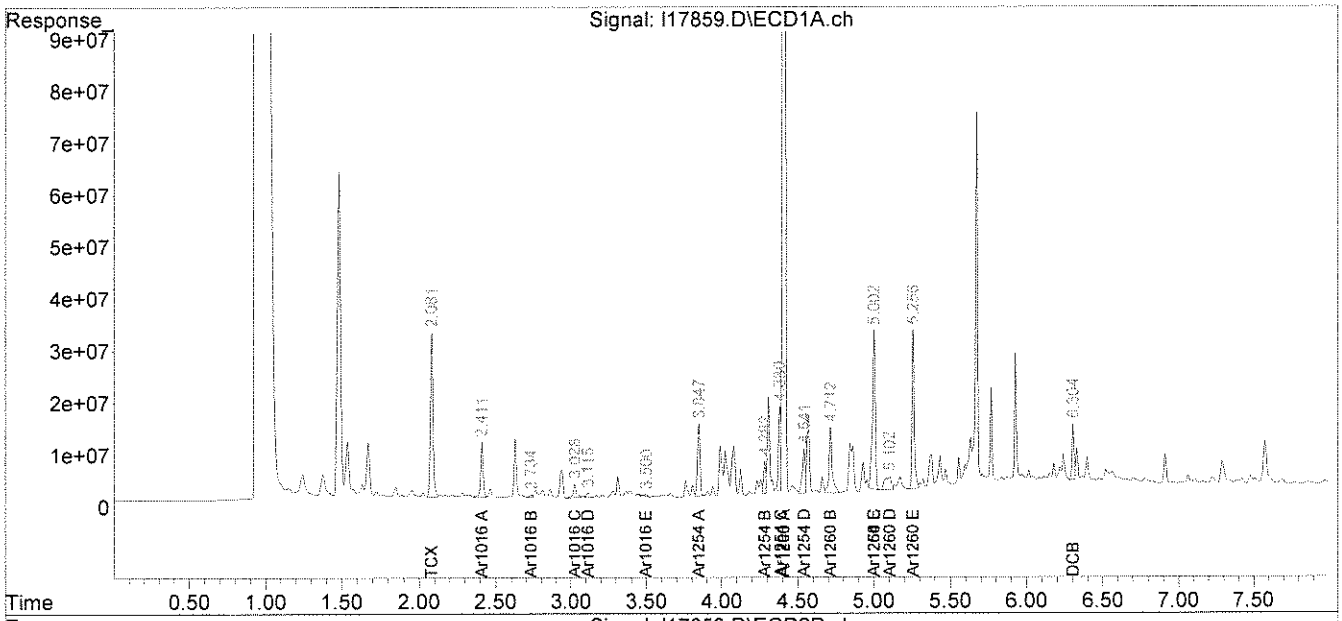
Quantitation Report (QT Reviewed)

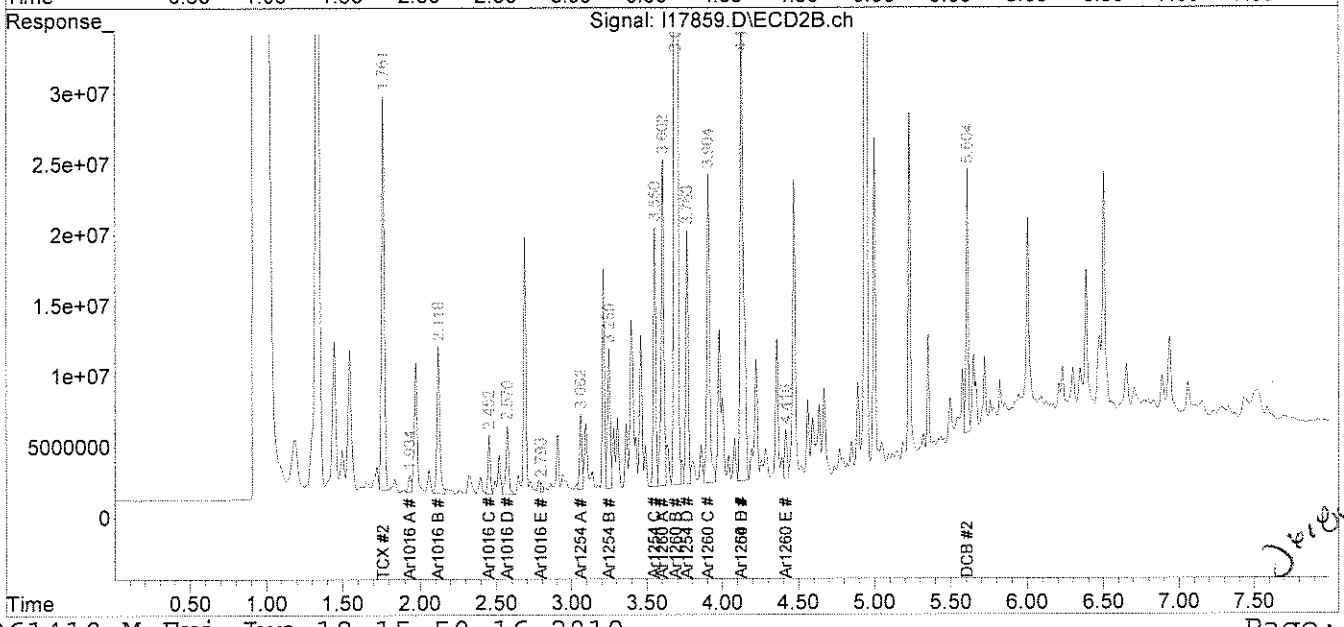
Data Path : C:\msdchem\1\DATA\061710-L\
Data File : l17859.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 10 10:29 pm
Operator : JK
Sample : 66954-5,,A/C
Misc : SOIL
ALS Vial : 38 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 18 15:50:08 2010
Quant Method : C:\msdchem\1\METHODS\PCB061410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 15 19:47:33 2010
Response via : Initial Calibration
Integrator: ChemStation

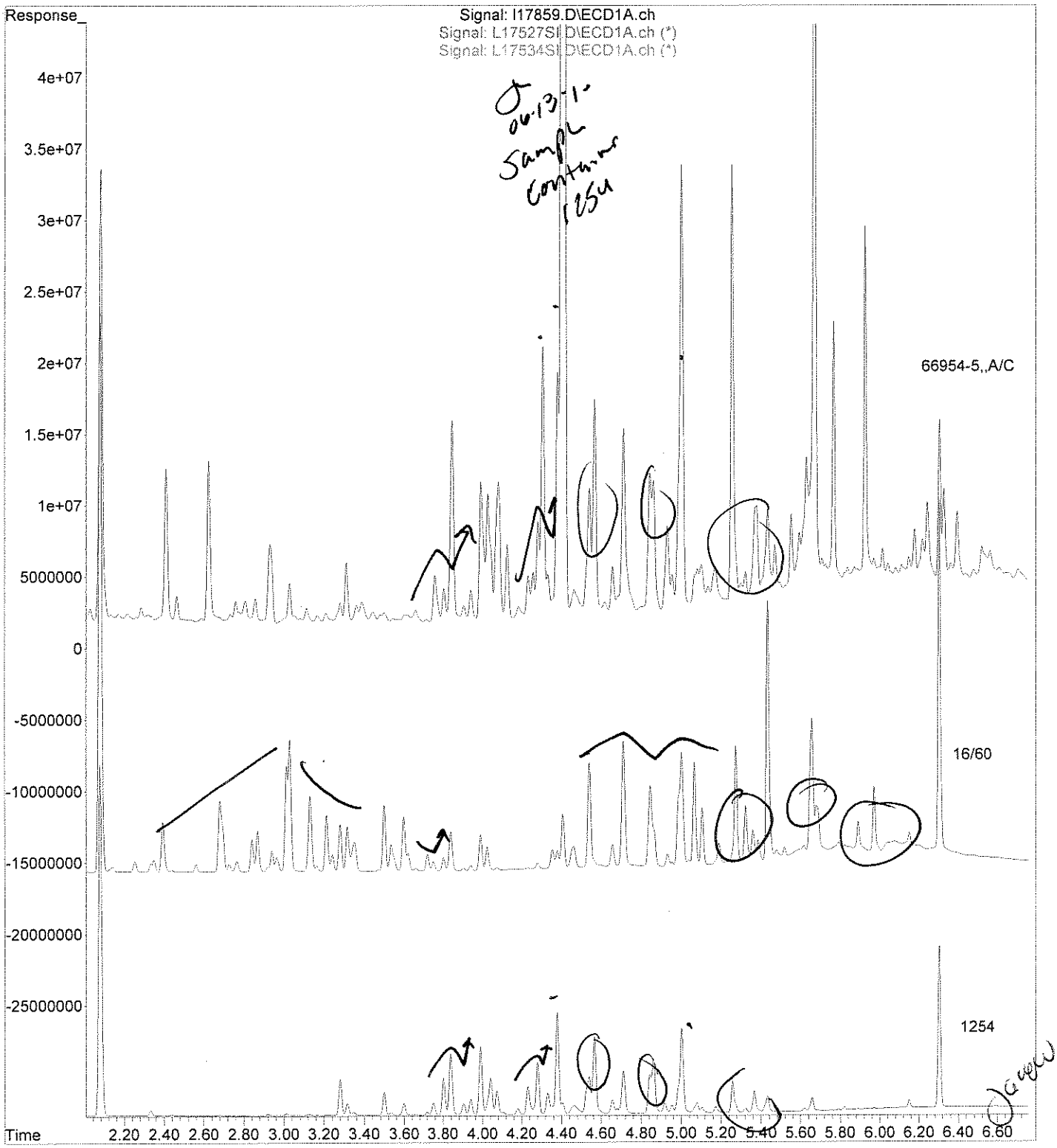
JL 06-19-10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





File :C:\msdchem\1\DATA\061710-L\l17859.D
Operator : JK
Acquired : 17 Jun 10 10:29 pm using AcqMethod PEST.M
Instrument : Inst L
Sample Name: 66954-5,,A/C
Misc Info : SOIL
Vial Number: 38



analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 21, 2010

SAMPLE DATA

Lab Sample ID:	66954-6
Matrix:	Solid
Percent Solid:	99
Dilution Factor:	49
Collection Date:	06/15/10
Lab Receipt Date:	06/16/10
Extraction Date:	06/16/10
Analysis Date:	06/18/10

CLIENT SAMPLE ID

Project Name:	AMISTAD ACADEMY
Project Number:	223019
Field Sample ID:	AA-CC-021

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	1620	U
PCB-1221	1620	U
PCB-1232	1620	U
PCB-1242	1620	U
PCB-1248	1620	U
PCB-1254	1620	**25100**
PCB-1260	1620	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	*	%
Decachlorobiphenyl	*	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.
* The surrogates were diluted out.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 66954
Sample: 66954-6,1:50,,A/C
Data File: L17913.D
Dilution Factor: 48.9

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	25054	20819	18.5	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

PCB FORM 10

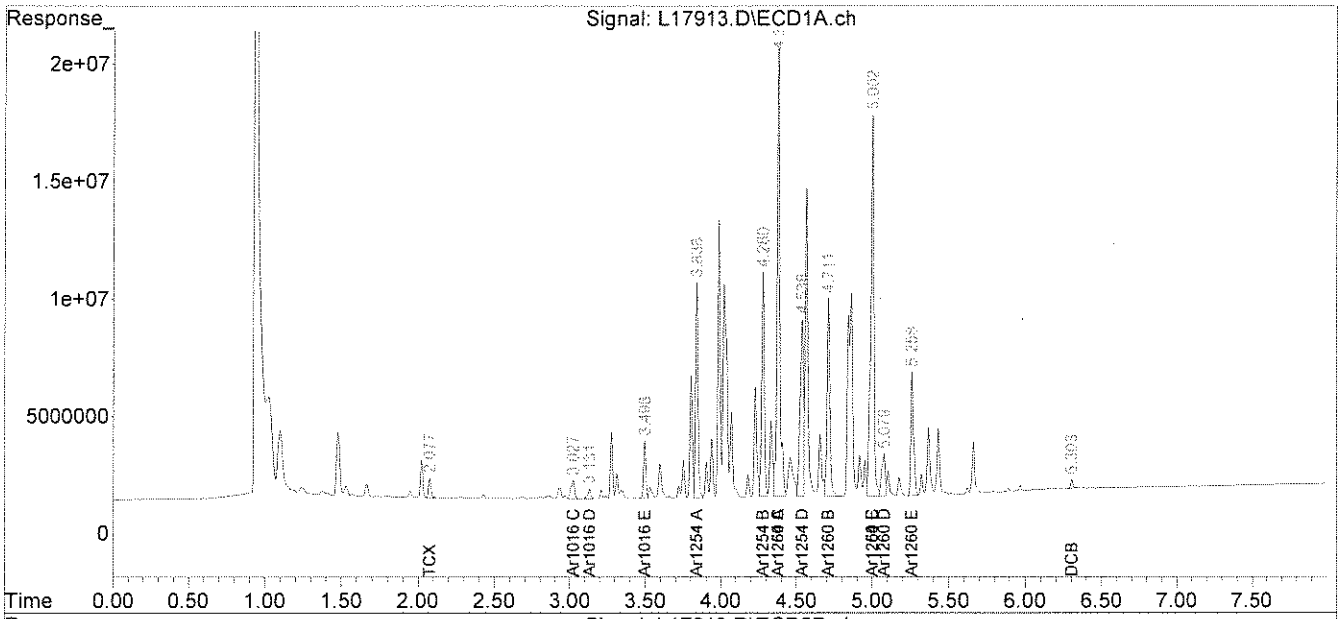
Quantitation Report (Not Reviewed)

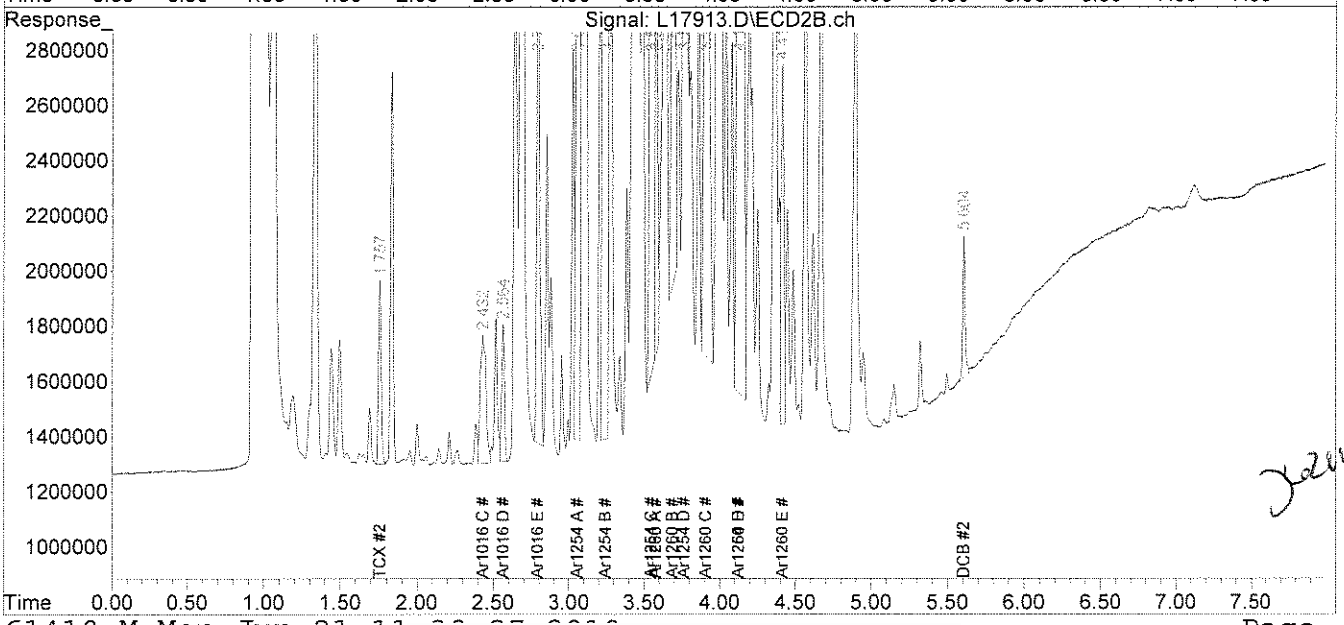
Data Path : C:\msdchem\1\DATA\061710-L\
Data File : L17913.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Jun 10 5:34 pm
Operator : AR
Sample : 66954-6,1:50,,A/C
Misc : SOIL
ALS Vial : 33 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 21 11:38:26 2010
Quant Method : C:\msdchem\1\METHODS\PCB061410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 15 19:47:33 2010
Response via : Initial Calibration
Integrator: ChemStation

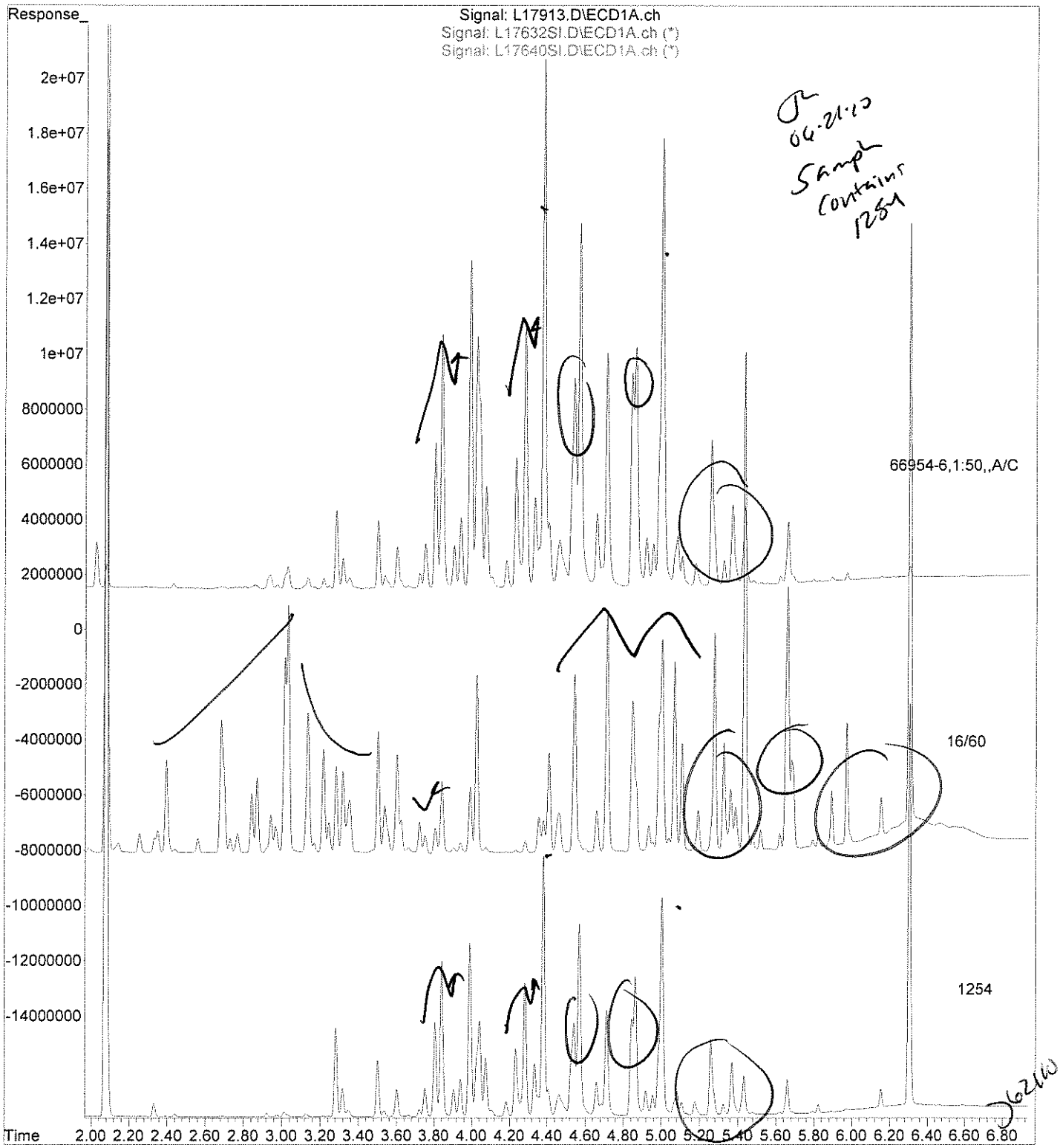
06-21-10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





File :C:\msdchem\1\DATA\061710-L\L17913.D
Operator : AR
Acquired : 18 Jun 10 5:34 pm using AcqMethod PEST.M
Instrument : Inst L
Sample Name: 66954-6,1:50,,A/C
Misc Info : SOIL
Vial Number: 33



analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 18, 2010

SAMPLE DATA

Lab Sample ID:	66954-7
Matrix:	Solid
Percent Solid:	98
Dilution Factor:	1.0
Collection Date:	06/15/10
Lab Receipt Date:	06/16/10
Extraction Date:	06/16/10
Analysis Date:	06/17/10

CLIENT SAMPLE ID

Project Name:	AMISTAD ACADEMY
Project Number:	223019
Field Sample ID:	AA-CC-022

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	**502**
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	97	%
Decachlorobiphenyl	46	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 66954
Sample: 66954-7,,A/C
Data File: I17861.D
Dilution Factor: 1.0

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	492	502	2.0	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

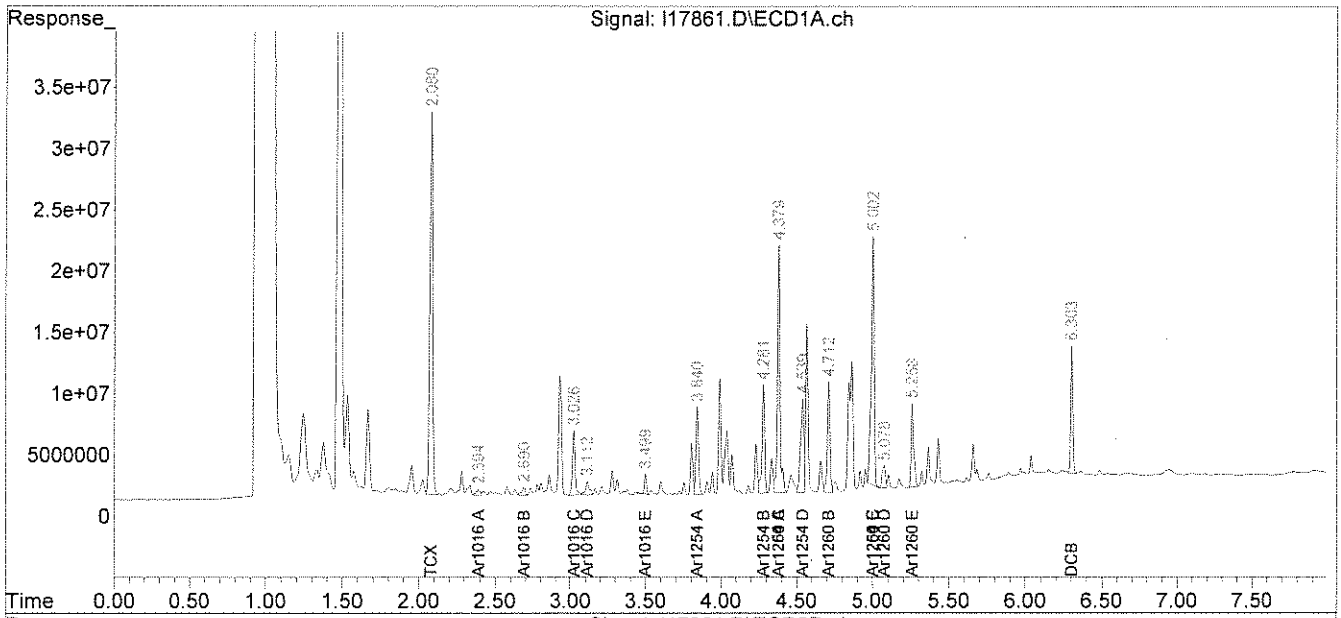
PCB FORM 10

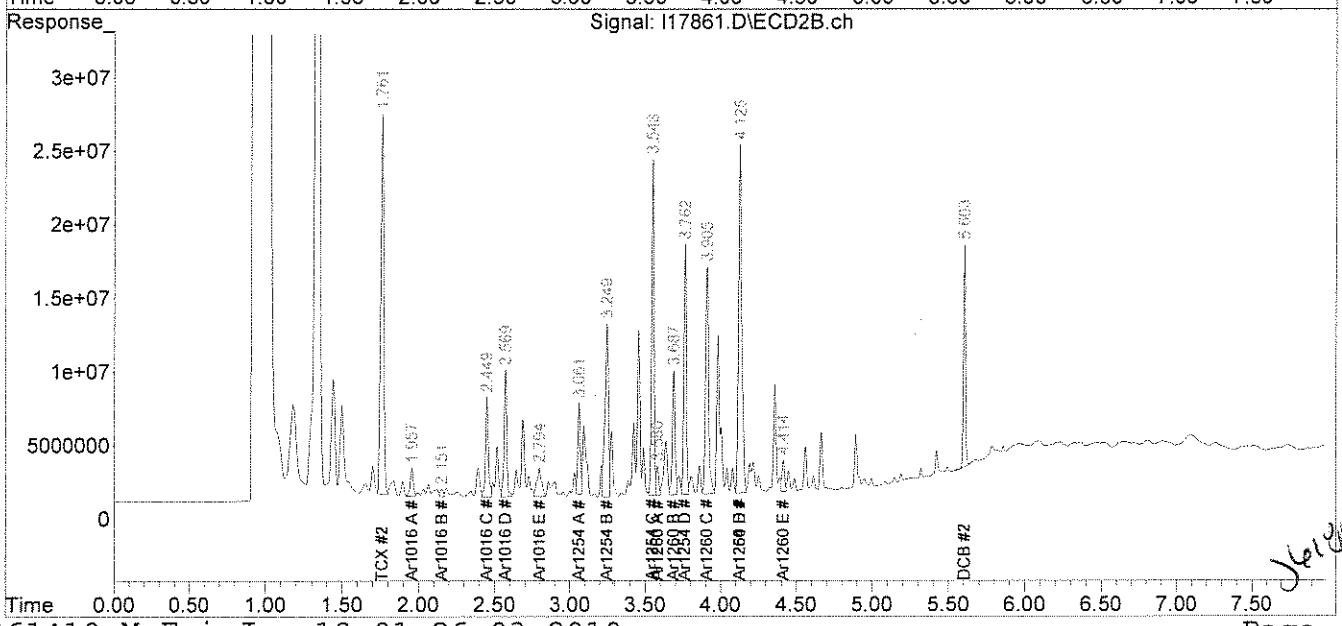
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\061710-L\
Data File : l17861.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 10 10:50 pm
Operator : JK
Sample : 66954-7,,A/C
Misc : SOIL
ALS Vial : 40 Sample Multiplier: 1

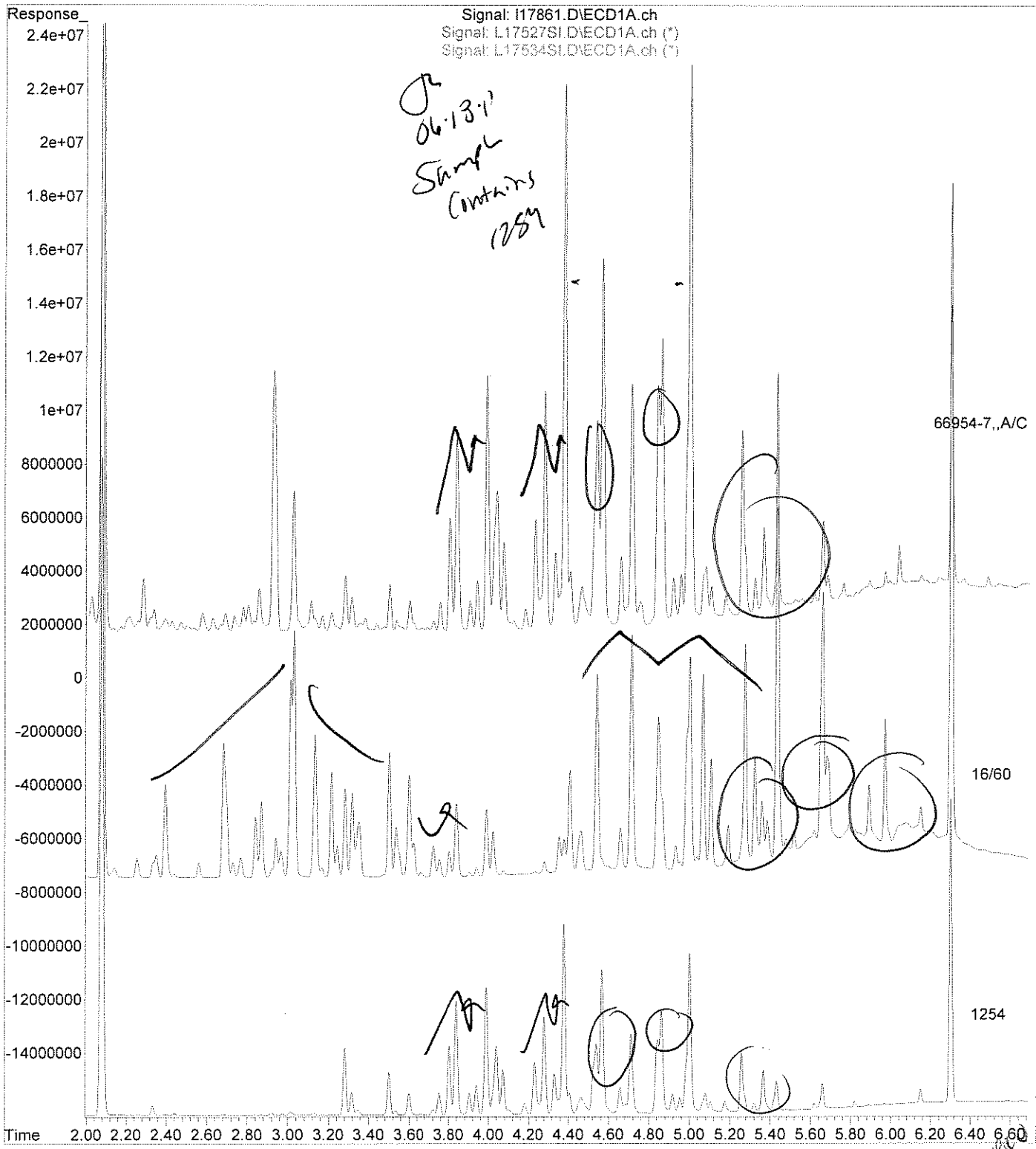
Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 18 01:26:03 2010
Quant Method : C:\msdchem\1\METHODS\PCB061410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 15 19:47:33 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





File :C:\msdchem\1\DATA\061710-L\l17861.D
Operator : JK
Acquired : 17 Jun 10 10:50 pm using AcqMethod PEST.M
Instrument : Inst L
Sample Name: 66954-7,,A/C
Misc Info : SOIL
Vial Number: 40



analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 18, 2010

SAMPLE DATA

Lab Sample ID:	66954-8
Matrix:	Solid
Percent Solid:	98
Dilution Factor:	1.0
Collection Date:	06/15/10
Lab Receipt Date:	06/16/10
Extraction Date:	06/16/10
Analysis Date:	06/17/10

CLIENT SAMPLE ID

Project Name:	AMISTAD ACADEMY
Project Number:	223019
Field Sample ID:	AA-VBS-059

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	**47**
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	102	%
Decachlorobiphenyl	48	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 66954
Sample: 66954-8,,A/C
Data File: 117862.D
Dilution Factor: 1.0

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	33	47	35.4	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

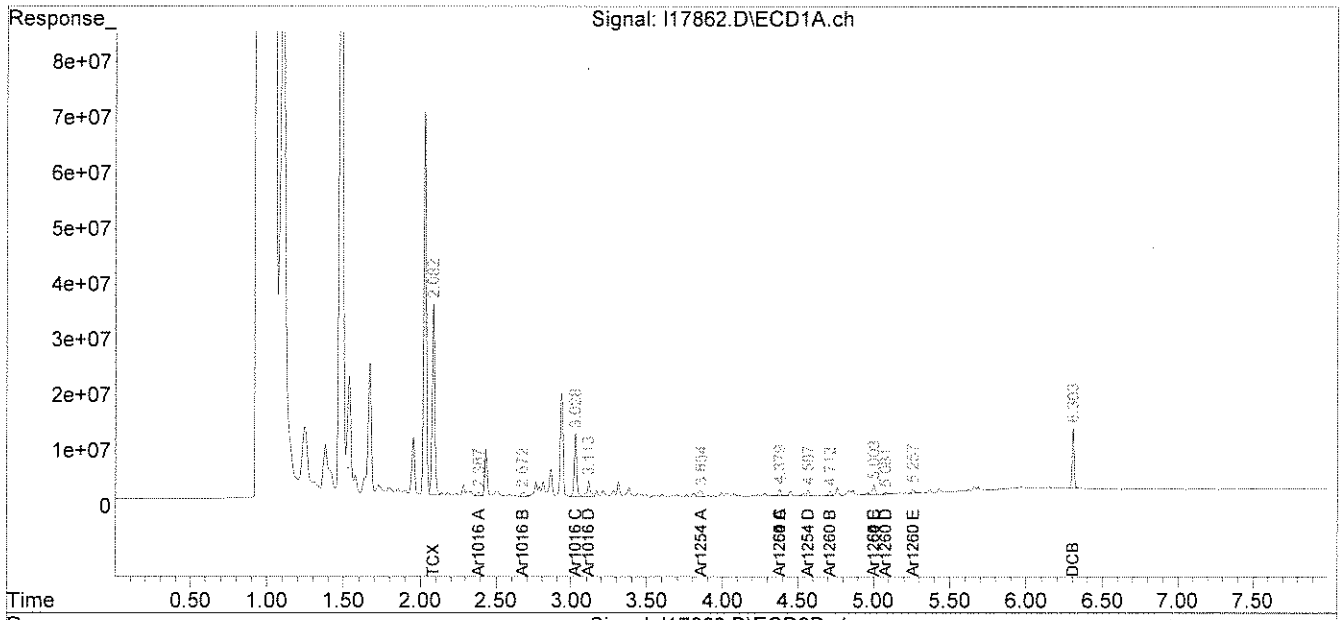
PCB FORM 10

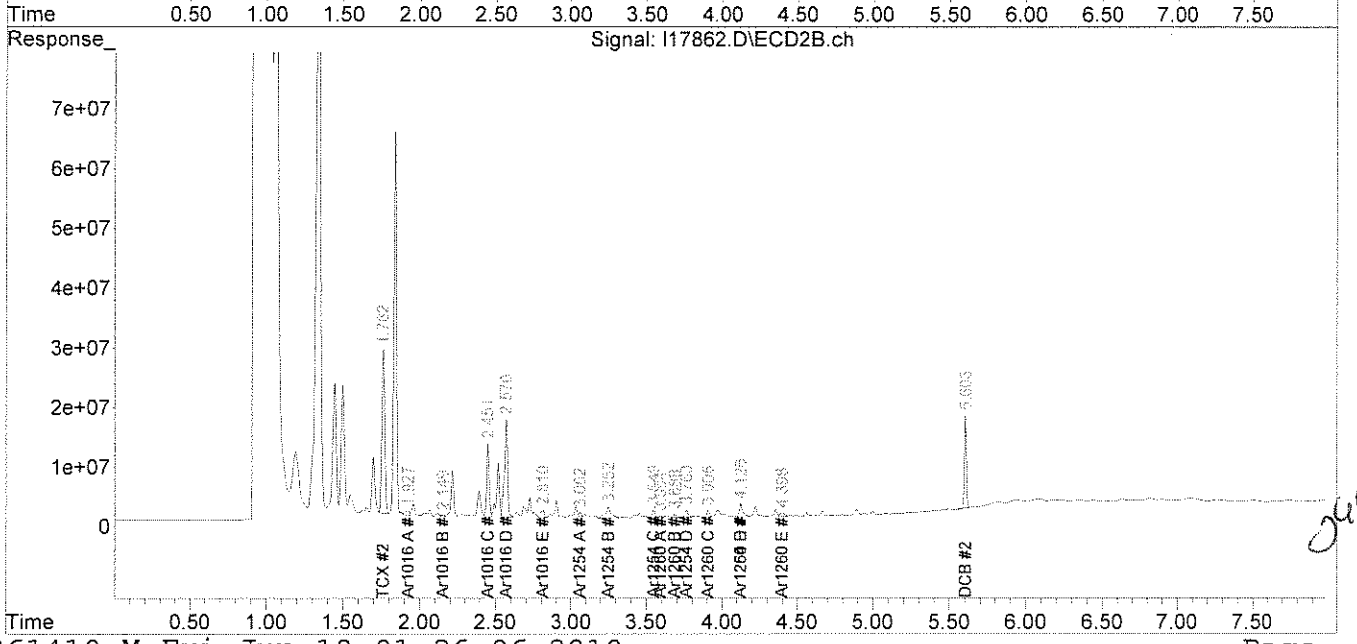
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\061710-L\
Data File : l17862.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 10 11:00 pm
Operator : JK
Sample : 66954-8,,A/C
Misc : SOIL
ALS Vial : 41 Sample Multiplier: 1

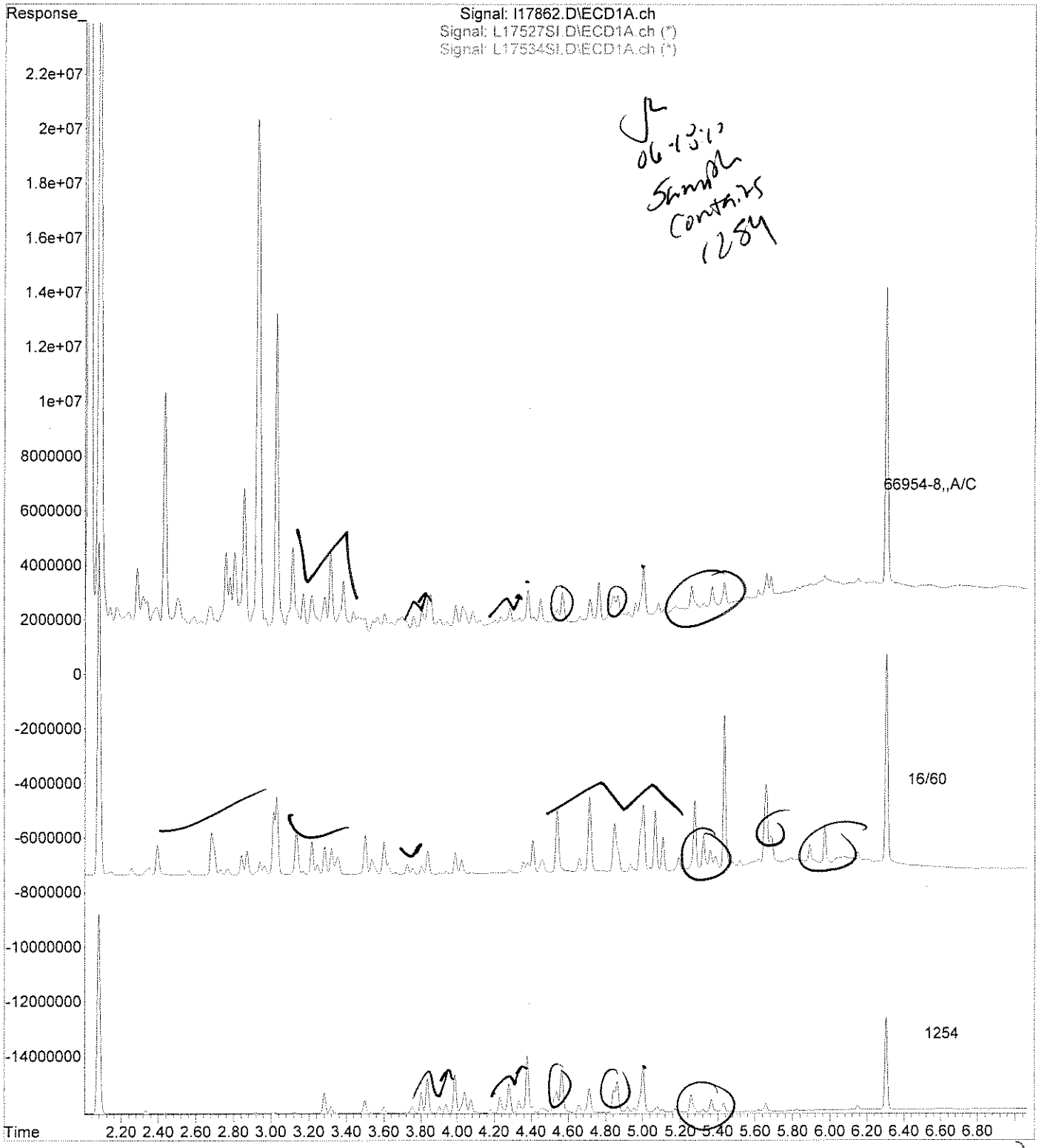
Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 18 01:26:06 2010
Quant Method : C:\msdchem\1\METHODS\PCB061410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 15 19:47:33 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





File :C:\msdchem\1\DATA\061710-L\l17862.D
Operator : JK
Acquired : 17 Jun 10 11:00 pm using AcqMethod PEST.M
Instrument : Inst L
Sample Name: 66954-8,,A/C
Misc Info : SOIL
Vial Number: 41



JK 06-15-10 Sample Contains 1254

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 23, 2010

SAMPLE DATA

Lab Sample ID:	66954-9 RX
Matrix:	Solid
Percent Solid:	94
Dilution Factor:	1.0
Collection Date:	06/15/10
Lab Receipt Date:	06/16/10
Extraction Date:	06/21/10
Analysis Date:	06/22/10

CLIENT SAMPLE ID

Project Name:	AMISTAD ACADEMY
Project Number:	223019
Field Sample ID:	AA-VBS-060

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	45	%
Decachlorobiphenyl	44	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

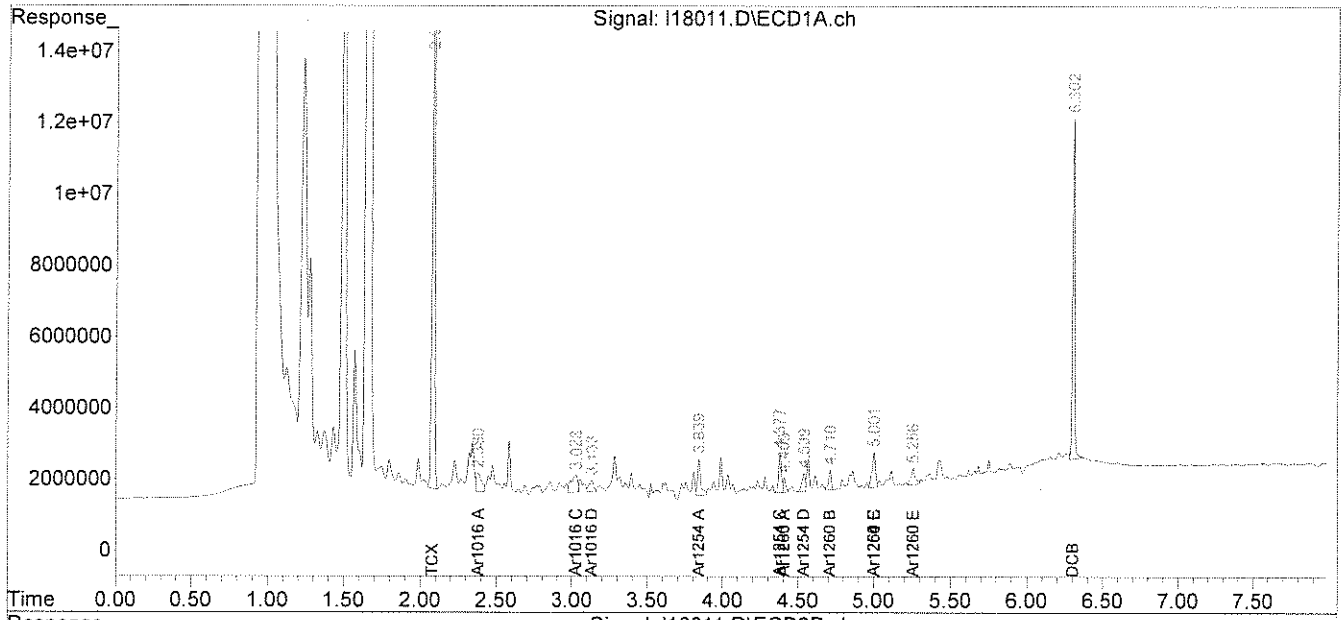
Quantitation Report (Not Reviewed)

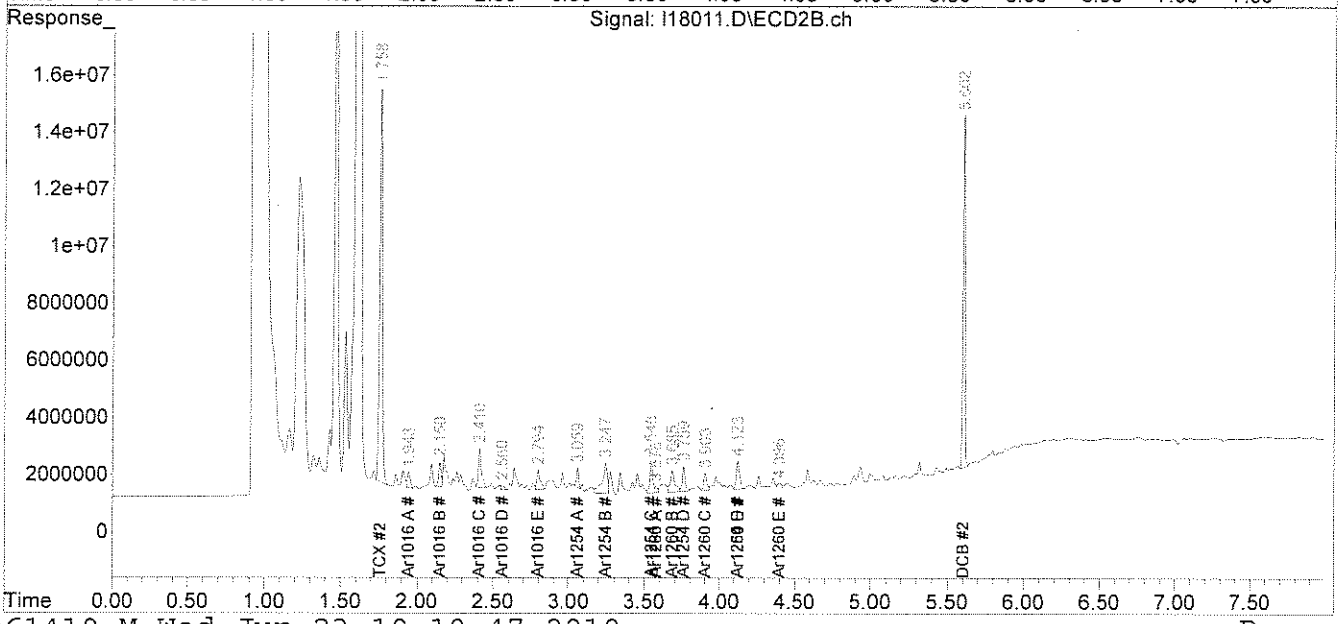
Data Path : C:\msdchem\1\DATA\062210-L\
Data File : l18011.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Jun 10 4:56 pm
Operator : MG
Sample : 66954-9,RX
Misc :
ALS Vial : 19 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 23 10:10:47 2010
Quant Method : C:\msdchem\1\METHODS\PCB061410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 15 19:47:33 2010
Response via : Initial Calibration
Integrator: ChemStation

JL 06-23-10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





PCB
QC FORMS

AnalyticsLLC:AEL Documents LLC:Pkg Dividers:PCBQC.doc

PCB SOIL
SYSTEM MONITORING COMPOUNDS
SUMMARY

Instrument ID: L
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 66954

	Column #1				Column #2			
SAMPLE ID	SMC 1 (%)	#	SMC 2 (%)	#	SMC 1 (%)	#	SMC 2 (%)	#
B061610PSOX2,,A/C	98		55		86		50	
L061610PSOX2,,A/C	93		56		86		50	
LD061610PSOX2,,A/C	93		55		87		50	
66954-1,,A/C	99		55		89		50	
66954-2,1:5,,A/C	91		59		96		99	
66954-3,1:5,,A/C	84		39	*	84		53	
66954-4,,A/C	84		46		89		56	
66954-5,,A/C	91		47		90		58	
66954-7,,A/C	97		46		94		45	
66954-8,,A/C	102		48		92		46	

		Lower Limit	Upper Limit
SMC #1 =	TCX	40	130
SMC #2 =	DCB	40	130

Column to be used to flag recovery values outside of QC limits
* Values outside QC limits
D System Monitoring Compound diluted out

PCB FORM 2

PCB SOIL
SYSTEM MONITORING COMPOUNDS
SUMMARY

Instrument ID: L
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 66954

	Column #1				Column #2			
SAMPLE ID	SMC 1 (%)	#	SMC 2 (%)	#	SMC 1 (%)	#	SMC 2 (%)	#
B061610PSOX2,RR,,A/(	105		64		95		62	
66954-6,1:50,,A/C	D		D		D		D	

		Lower Limit	Upper Limit
SMC #1 =	TCX	40	130
SMC #2 =	DCB	40	130

Column to be used to flag recovery values outside of QC limits
* Values outside QC limits
D System Monitoring Compound diluted out

PCB SOIL
SYSTEM MONITORING COMPOUNDS
SUMMARY

Instrument ID: L
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 66954

	Column #1				Column #2			
SAMPLE ID	SMC 1 (%)	#	SMC 2 (%)	#	SMC 1 (%)	#	SMC 2 (%)	#
B062110PSOX,AC	79		47		81		44	
L062110PSOX,AC	86		44		87		46	
LD062110PSOX,AC	88		47		86		45	
66954-9,RX	45		44		46		38	*

		Lower Limit	Upper Limit
SMC #1 =	TCX	40	130
SMC #2 =	DCB	40	130

Column to be used to flag recovery values outside of QC limits
* Values outside QC limits
D System Monitoring Compound diluted out

PCB SOIL
LABORATORY CONTROL SAMPLE/DUPLICATE
PERCENT RECOVERY

Instrument ID: M

GC Column #1: STX-CLPesticides I

Column ID: 0.25 mm

GC Column #2: STX-CLPesticides II

Column ID: 0.25 mm

SDG: 66954

Non-spiked sample: B061610PSOX2,,A/C

Spike: L061610PSOX2,,A/C

Spike duplicate: LD061610PSOX2,,A/C

COMPOUND	LCS SPIKE ADDED (ug/kg)	LCSD SPIKE ADDED (ug/kg)	LOWER LIMIT	UPPER LIMIT	RPD LIMIT	NON-SPIKE RESULT (ug/kg)	SPIKE RESULT (ug/kg)	SPIKE % REC	#	SPIKE DUP RESULT (ug/kg)	SPIKE DUP % REC	#	RPD	#
PCB 1016	200	200	65	140	30	0	214	107		217	108		1.1	
PCB 1260	200	200	60	130	30	0	162	81		169	84		3.9	
PCB 1016 #2	200	200	65	140	30	0	273	137		276	138		1.1	
PCB 1260 #2	200	200	60	130	30	0	180	90		183	91		1.8	

Column to be used to flag recovery and RPD values outside of QC limits

* Values outside QC limits

LCS/LCSD spike added values have been weight adjusted.

Non-spike result of "0" used in place of "U" to allow calculation of spike recovery.

Comments: _____

PCB FORM 3

PCB SOIL
LABORATORY CONTROL SAMPLE/DUPLICATE
PERCENT RECOVERY

Instrument ID: M

GC Column #1: STX-CLPesticides I

Column ID: 0.25 mm

GC Column #2: STX-CLPesticides II

Column ID: 0.25 mm

SDG: 66954

Non-spiked sample: B062110PSOX,AC

Spike: L062110PSOX,AC

Spike duplicate: LD062110PSOX,AC

COMPOUND	LCS SPIKE ADDED (ug/kg)	LCSD SPIKE ADDED (ug/kg)	LOWER LIMIT	UPPER LIMIT	RPD LIMIT	NON-SPIKE RESULT (ug/kg)	SPIKE RESULT (ug/kg)	SPIKE % REC	#	SPIKE DUP RESULT (ug/kg)	SPIKE DUP % REC	#	RPD	#
PCB 1016	200	200	65	140	30	0	171	85		167	83		2.5	
PCB 1260	200	200	60	130	30	0	137	69		153	77		10.8	
PCB 1016 #2	200	200	65	140	30	0	270	135		250	125		7.8	
PCB 1260 #2	200	200	60	130	30	0	161	81		164	82		1.6	

Column to be used to flag recovery and RPD values outside of QC limits

* Values outside QC limits

LCS/LCSD spike added values have been weight adjusted.

Non-spike result of "0" used in place of "U" to allow calculation of spike recovery.

Comments: _____

_____

CHAIN OF CUSTODIES

Chain Of Custody Form

analytics environmental laboratory LLC
195 Commerce Way Suite E
Portsmouth, NH 03801
Phone (603) 436-5111
Fax (603) 430-2151

For Analytics Use Only Rev. 5 06/18/08

Samples were:
1) Shipped or hand-delivered
2) Temp blank °C 2.9°
3) Received in good condition (Y) or N
4) pH checked by: NA
5) Labels checked by: CP 6/16/10

Project#: 223019 Proj. Name: AMISTAD ACADEMY
Company: Woodard &Curran
Contact: GEORGE FRANKLIN [redacted] / JEFF HAMEL
Address: 41 Hutchins Drive
Portland, ME
Phone: (207)774-2112 PO# Quote # WCI03051001
Sampler (Signature): JESSE [illegible]

Matrix Key:
C = Concrete
WP = Wipe
WW = Wastewater
SW = Surface Water
GW = Groundwater
DW = Drinking Water
S = Soil/Sludge
O = Oil
E = Extract
A-Asphalt
B-Brick

Container Key
P=plastic G=glass

Preservation

Station Identification	Sample Date	Sample Time	Analysis	Unpres	4° C	HNO_3	H_2SO_4	HCL	Methanol	Other	Matrix	Container number/type		pH	Analytics Sample #
AA-VWP-058	6/15/10	0710	PCB's by U.S. EPA 8082 w/ Soxhlet Extraction		✓						WP	1	G		66954-1
AA-AP-004		0730			✓						A	1	G		-2
AA-AP-005		0740			✓						A	1	G		-3
AA-SS-069		1310			✓						S	1	G		-4
AA-SS-070		1320			✓						S	1	G		-5
AA-CC-021		1330			✓						C	1	G		-6
AA-CC-022		1340			✓						C	1	G		-7
AA-VBS-059		1420			✓						B	1	G		-8
AA-VBS-060		1430			✓						B	1	G		-9

JB 6/16/10

Received By: FedEx Time: Date: 6/15/10
Received By: [illegible] Time: 930 Date: 6/16/10
Received By: JB 6/16/10 Time: Date:

Email Results to: gfranklin@woodardcurran.com jhamel...

Turnaround Time (TAT)
☐ 24hr* ☐ 48hr*
☐ 72hr* ☑ 5 Days* STD TURN AROUND 3-5 DAYS
☐ 10 Days
*Fee may apply; lab approval required

Comments / Instructions:
R.L. ≤ 1.0 mg/kg.

Project Requirements:
*Fee may apply

Report Type:
☐ MCP* ☑ Level II*
☐ CTRCP* ☐ Level III*
☐ DOD* ☐ Level IV*
☐ Standard

State:
☐ NH
☐ MA
☐ ME
☑ CT
☐ RI
Other:

State Standard: (eg. S-1 or GW-1)

EDD Required: (Y*) N
Type: .xls

Relinquished By Sampler: JESSE [illegible] Time: Date:
Relinquished By: FedEx Time: Date:
Relinquished By: Time: Date:

Analytics\AEL Documents\AEL COC

Page 1 of 1

ANALYTICS SAMPLE RECEIPT CHECKLIST

analytics environmental laboratory LLC

AEL LAB#: 66954
CLIENT: Woodard & Curran
PROJECT: Amistad Academy

COOLER NUMBER: NA
NUMBER OF COOLERS: 1
DATE RECEIVED: 6/16/10

A: PRELIMINARY EXAMINATION:

DATE COOLER OPENED: 6/16/10

1. Cooler received by(initials): JSB

Date Received: 6/16/10

2. Circle one: Hand delivered (If so, skip 3) Shipped

3. Did cooler come with a shipping slip? Y N

3a. Enter carrier name and airbill number here: FedEx 7987 6097 8954

4. Were custody seals on the outside of cooler? Y N
How many & where: 2 on lid Seal Date: NA Seal Name: Jesse Ream

5. Did the custody seals arrive unbroken and intact upon arrival? Y N

6. COC#: NA

7. Were Custody papers filled out properly (ink,signed, etc)? Y N No time relinquished to FedEx

8. Were custody papers sealed in a plastic bag? Y N

9. Did you sign the COC in the appropriate place? Y N

10. Was the project identifiable from the COC papers? Y N

11. Was enough ice used to chill the cooler? Y N Temp. of cooler: 2.9°C

B. Log-In: Date samples were logged in: 6/16/10 By: JSB

12. Type of packing in cooler(bubble wrap, popcorn) Y N

13. Were all bottles sealed in separate plastic bags? Y N

14. Did all bottles arrive unbroken and were labels in good condition? Y N

15. Were all bottle labels complete(ID,Date,time,etc.) Y N

16. Did all bottle labels agree with custody papers? Y N

17. Were the correct containers used for the tests indicated: Y N

18. Were samples received at the correct pH? Y N/A

19. Was sufficient amount of sample sent for the tests indicated? Y N

20. Were bubbles absent in VOA samples? Y N/A

If NO, List Sample ID's and Lab #s: _____

21. Laboratory labeling verified by (initials): CP Date: 6/16/10

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

June 24, 2010

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

RE: Analytical Results Case Narrative
Analytics # 67015
AMISTAD ACADEMY

Dear Mr. Franklin;

Enclosed please find the analytical results for samples submitted for the above-mentioned project. The attached Cover Page lists the sample IDs, Lab tracking numbers and collection dates for the samples included in this deliverable.

Samples were analyzed Polychlorinated Biphenyls (PCBs) by EPA Method 8082.

Unless otherwise noted in the Non-conformance Summary listed below, all of the quality control (QC) criteria including initial calibration, calibration verification, surrogate recovery, holding time and method accuracy/precision for these analyses were within acceptable limits.

This Level II data package has been assembled in the following order:

Case Narrative/Non-Conformance Summary
Sample Log Sheet - Cover Page
PCB Form 1 Data Sheet for Samples and Blanks
Chromatograms
PCB Form 10 Confirmation Results
PCB Form 3 MS/MSD (LCS) Recoveries
Chain of Custody (COC) Forms

QC NON-CONFORMANCE SUMMARY

Sample Receipt:
No exceptions.

PCBs by EPA Method 8082:
No results were reported below the quantitation limit.

Sample 67015-7 was analyzed a dilution due to the concentrations of PCBs detected in the sample.

The MS/MSD analyzed on sample 67015-2 had recovery marginally below the laboratory acceptance criteria for PCB 1016. The laboratory control samples (L062110PSOX/LD062110PSOX) were in control. Results were reported without qualification.

The aqueous laboratory control sample duplicate (LD062110PWB) had high recovery and RPD for PCB 1016 on column #2. No analytes were detected in any samples associated with this QC and results were reported without qualification.

If you have any questions on these results, please do not hesitate to contact me.

Sincerely,
ANALYTICS Environmental Laboratory, LLC

Stephen L. Knollmeyer
Laboratory Director

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

Report Number: 67015

Revision: Rev. 0

Re: AMISTAD ACADEMY (Project No: 223019)

Enclosed are the results of the analyses on your sample(s). Samples were received on 18 June 2010 and analyzed for the tests listed. Samples were received in acceptable condition, with the exceptions noted below or on the chain of custody. These results pertain to samples as received by the laboratory and for the analytical tests requested on the chain of custody. The results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report. Please see individual reports for specific methodologies and references.

Sample Analysis: The attached pages detail the Client Sample IDs, Lab Sample IDs, and Analyses requested

Sample Receipt Exceptions: None

Analytics Environmental Laboratory is certified by the states of New Hampshire, Maine, Massachusetts, Connecticut, Rhode Island, Virginia, Maryland, and is accredited by the Deparment of Defense (DOD) ELAP program. A list of actual certified parameters is available upon request.

If you have any questions on these results, please do not hesitate to contact us.

Authorized signature _____
Stephen L. Knollmeyer Lab. Director

Date 6/23/2010

This report shall not be reproduced, except in full, without the written consent of Analytics Environmental Laboratory, LLC.

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

CLIENT: Woodard & Curran **REPORT NUMBER: 67015** **REV: Rev. 0**

PROJECT: AMISTAD ACADEMY (Project No: 223019)

Lab Number	Sample Date	Station Location	Analysis	Comments
67015-1	06/17/10	AA-VBS-061	EPA 8082 (PCBs only)	
67015-2	06/17/10	AA-VBS-062	EPA 8082 (PCBs only)	
67015-3	06/17/10	AA-VBS-563	EPA 8082 (PCBs only)	
67015-4	06/17/10	AA-VBS-Q-064	EPA 8082 (PCBs only)	
67015-5	06/17/10	AA-VBS-065	EPA 8082 (PCBs only)	
67015-6	06/17/10	AA-VBS-066	EPA 8082 (PCBs only)	
67015-7	06/17/10	AA-VBS-067	EPA 8082 (PCBs only)	
67015-8	06/17/10	AA-VBS-068	Electronic Data Deliverable	
	06/17/10	AA-VBS-068	EPA 8082 (PCBs only)	

analytics environmental laboratory LLC

Surrogate Compound Limits

Matrix:	Aqueous	Solid	
Units:	% Recovery	% Recovery	Method
Volatile Organic Compounds - Drinking Water			
1,4-Difluorobenzene	70-130		EPA 524.2
Bromofluorobenzene	70-130		
1,2-Dichlorobenzene-d4	70-130		
Volatile Organic Compounds			
1,2-Dichloroethane-d4	70-120	70-120	EPA 624/8260B
Toluene-d8	85-120	85-120	
Bromofluorobenzene	75-120	75-120	
Semi-Volatile Organic Compounds			
2-Fluorophenol	20-110	35-105	EPA 625/8270C
d5-Phenol	15-110	40-100	
d5-nitrobenzene	40-110	35-100	
2-Fluorobiphenyl	50-110	45-105	
2,4,6-Tribromophenol	40-110	40-125	
d14-p-terphenyl	50-130	30-125	
PAH's by SIM			
d5-nitrobenzene	21-110	35-110	EPA 8270C
2-Fluorobiphenyl	36-121	45-105	
d14-p-terphenyl	33-141	30-125	
Pesticides and PCBs			
2,4,5,6-Tetrachloro-m-xylene (TCX)	46-122	40-130	EPA 608/8082
Decachlorobiphenyl (DCB)	40-135	40-130	
Herbicides			
Dichloroacetic acid (DCAA)	30-150	30-150	
Gasoline Range Organics/TPH Gasoline			
Trifluorotoluene TFT (FID)	60-140	60-140	MEDEP 4217/EPA 8015
Bromofluorobenzene (BFB) (FID)	60-140	60-140	
Trifluorotoluene TFT (PID)	60-140	60-140	
Bromofluorobenzene (BFB) (PID)	60-140	60-140	
Diesel Range Organics/TPH Diesel			
m-terphenyl	60-140	60-140	MEDEP 4125/EPA 8015/CT ETPH
Volatile Petroleum Hydrocarbons			
2,5-Dibromotoluene (PID)	70-130	70-130	MADEP VPH May 2004 Rev1.1
2,5-Dibromotoluene (FID)	70-130	70-130	
Extracatable Petroleum Hydrocarbons			
1-chloro-octadecane (aliphatic)	40-140	40-140	MADEP EPH May 2004 Rev1.1
o-Terphenyl (aromatic)	40-140	40-140	
2-Fluorobiphenyl (Fractionation)	40-140	40-140	
2-Bromonaphthalene (fractionation)	40-140	40-140	

PCB
DATA SUMMARIES

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 23, 2010

SAMPLE DATA

Lab Sample ID: B062110PSOX RR
Matrix: Soil
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date:
Lab Receipt Date:
Extraction Date: 06/21/10
Analysis Date: 06/22/10

CLIENT SAMPLE ID

Project Name: AMISTAD ACADEMY
Project Number: 223019
Field Sample ID: Lab QC

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	90	%
Decachlorobiphenyl	56	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

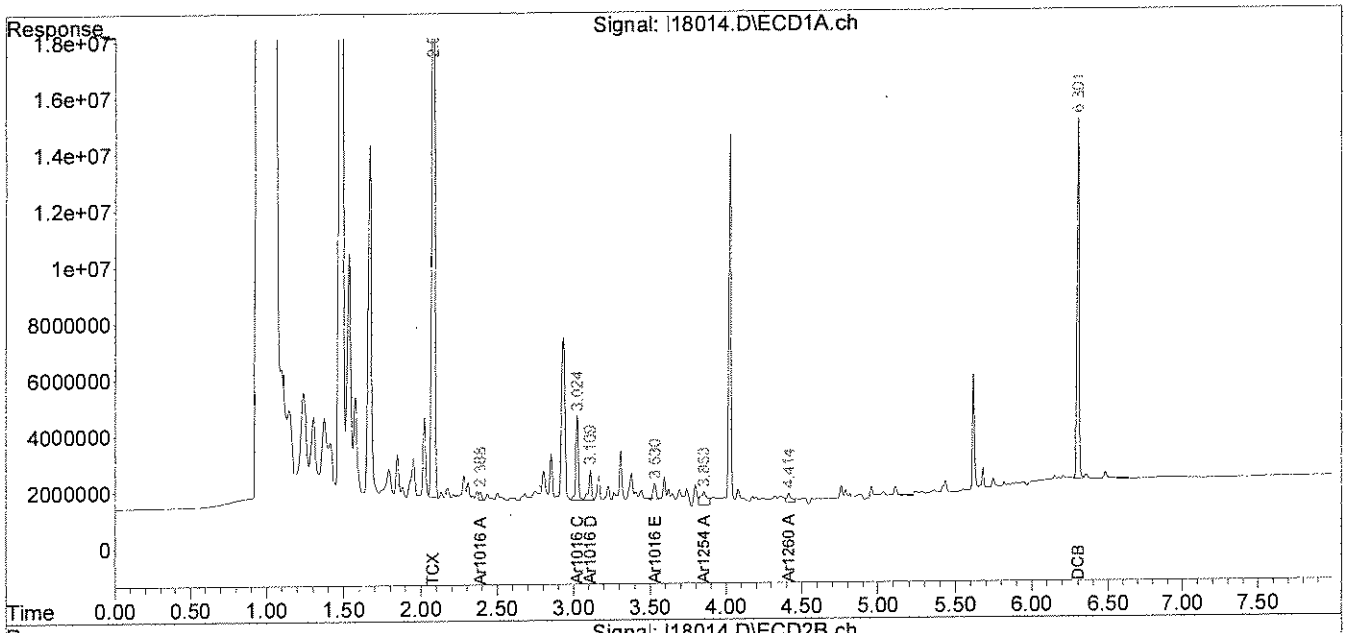
Authorized signature

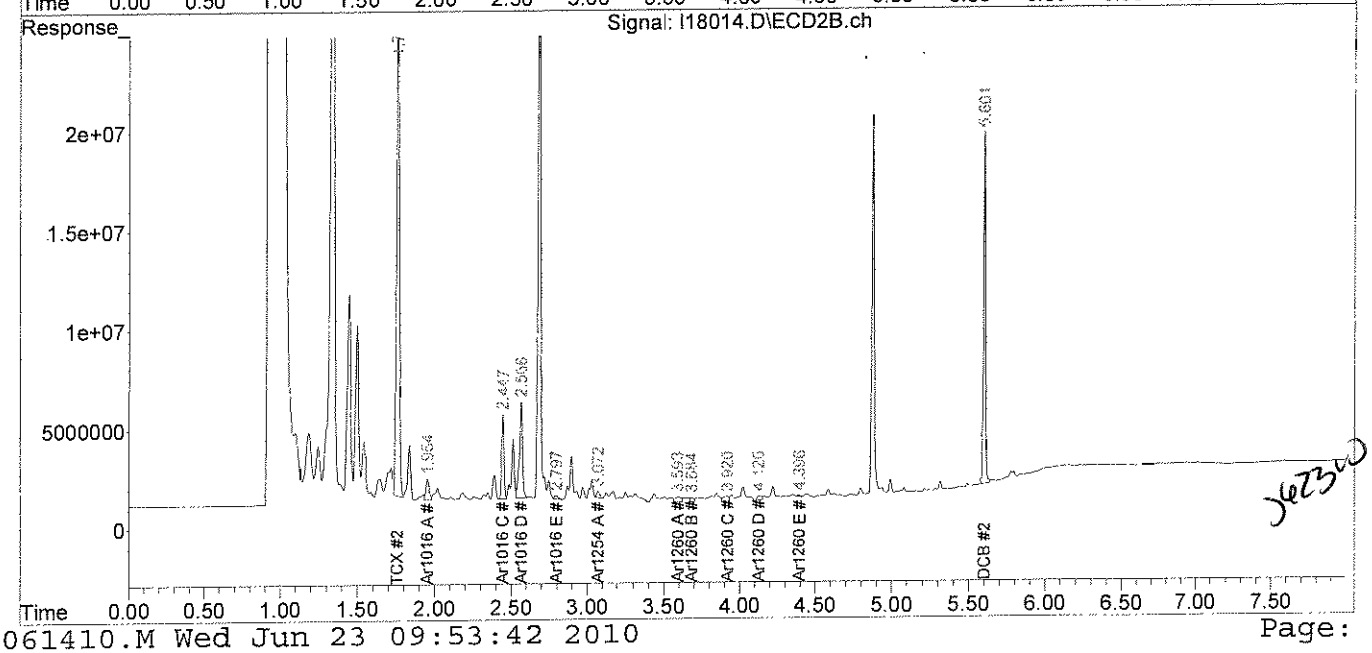
Data Path : C:\msdchem\1\DATA\062210-L\
Data File : l18014.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Jun 10 5:37 pm
Operator : MG
Sample : B062110PSOX,RRAC
Misc :
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 23 02:39:49 2010
Quant Method : C:\msdchem\1\METHODS\PCB061410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 15 19:47:33 2010
Response via : Initial Calibration
Integrator: ChemStation

06-23-10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





JE 23-10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 23, 2010

SAMPLE DATA

Lab Sample ID: B062110PSOX RR3
Matrix: Soil
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date:
Lab Receipt Date:
Extraction Date: 06/21/10
Analysis Date: 06/23/10

CLIENT SAMPLE ID

Project Name: AMISTAD ACADEMY
Project Number: 223019
Field Sample ID: Lab QC

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	97	%
Decachlorobiphenyl	61	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

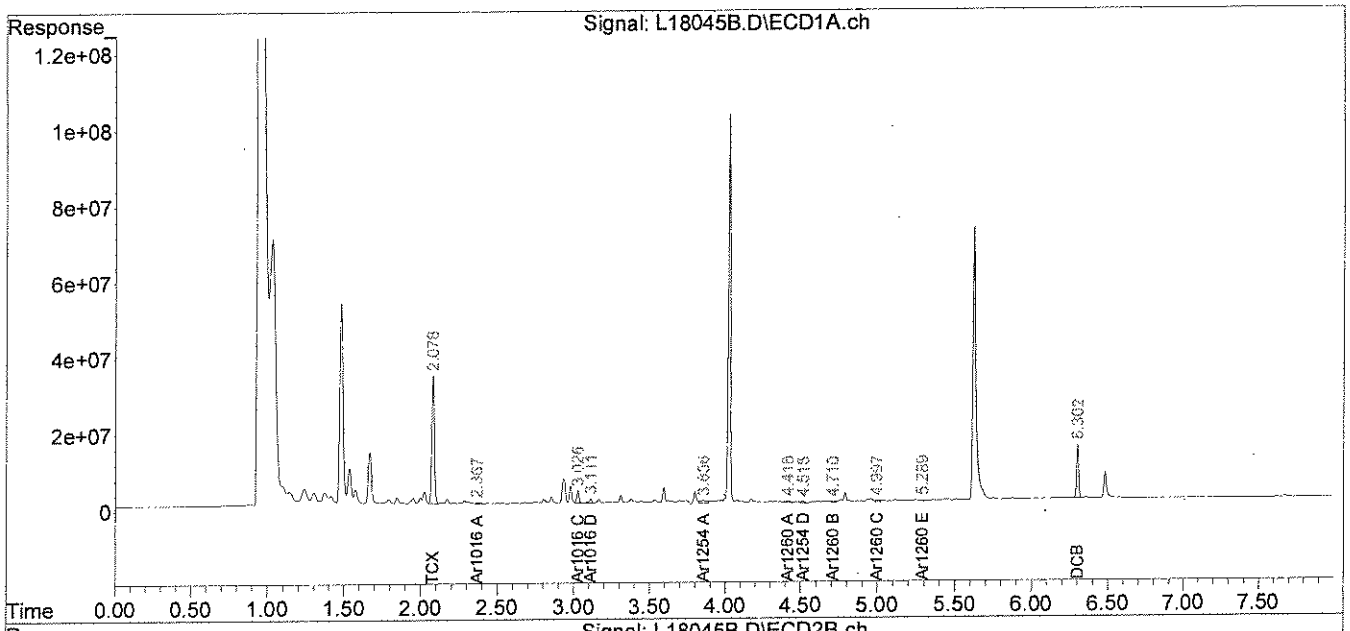
PCB Report

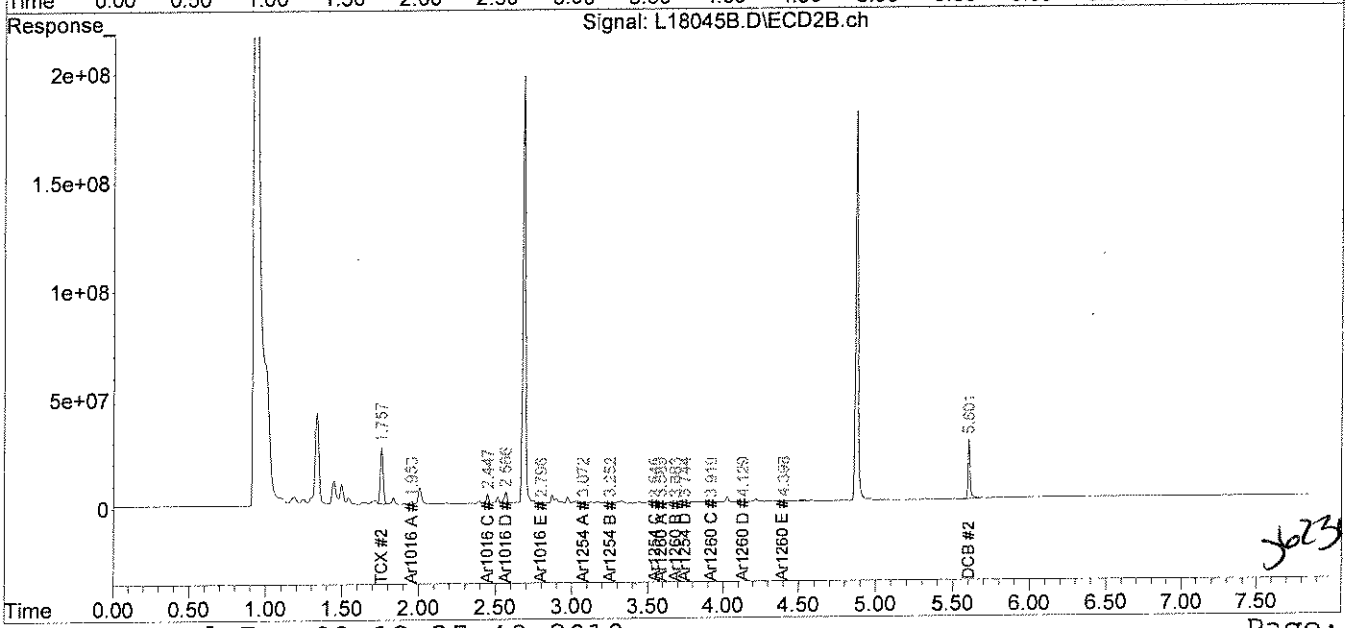
Authorized signature

Data Path : C:\msdchem\1\DATA\062310-L\
Data File : L18045B.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jun 10 12:24 pm
Operator : JK
Sample : B062110PSOX,RR3,,A/C
Misc : SOIL
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 23 12:35:48 2010
Quant Method : C:\msdchem\1\METHODS\PCB061410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 15 19:47:33 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 24, 2010

SAMPLE DATA

Lab Sample ID: B062110PW
Matrix: Aqueous
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date:
Lab Receipt Date:
Extraction Date: 06/21/10
Analysis Date: 06/22/10

CLIENT SAMPLE ID

Project Name: AMISTAD ACADEMY
Project Number: 223019
Field Sample ID: Lab QC

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/L	Results µg/L
PCB-1016	0.2	U
PCB-1221	0.2	U
PCB-1232	0.2	U
PCB-1242	0.2	U
PCB-1248	0.2	U
PCB-1254	0.2	U
PCB-1260	0.2	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	82	%
Decachlorobiphenyl	59	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS:

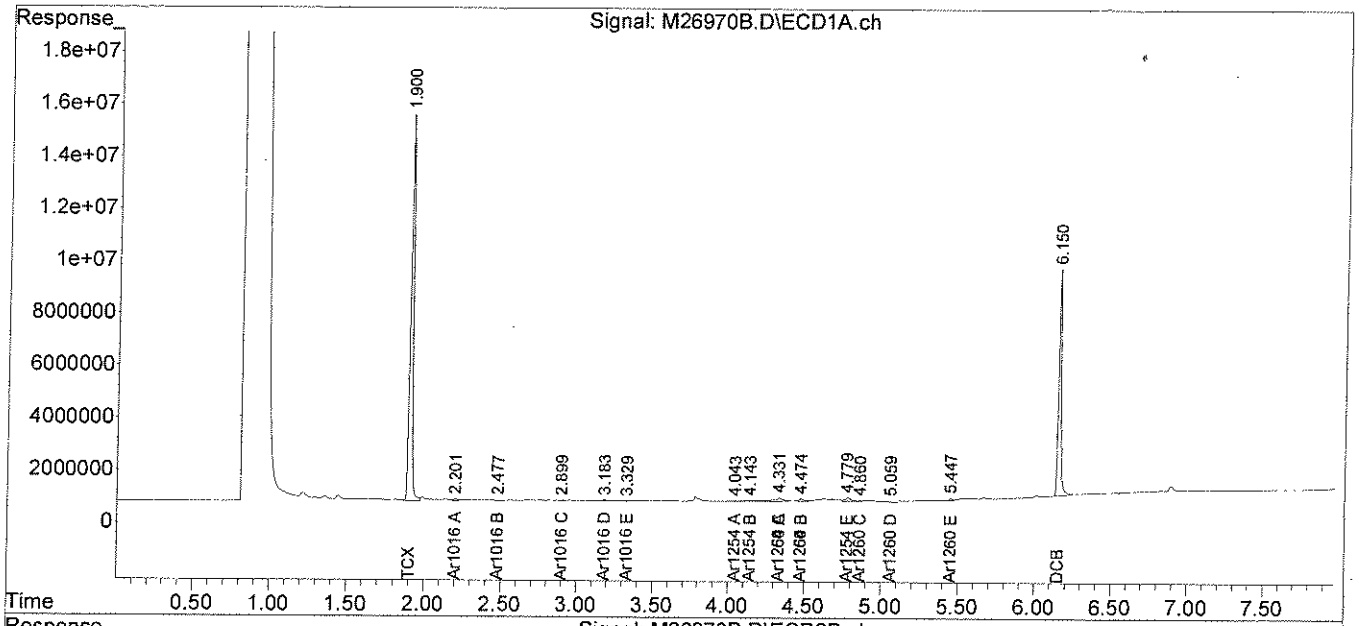
PCB Report

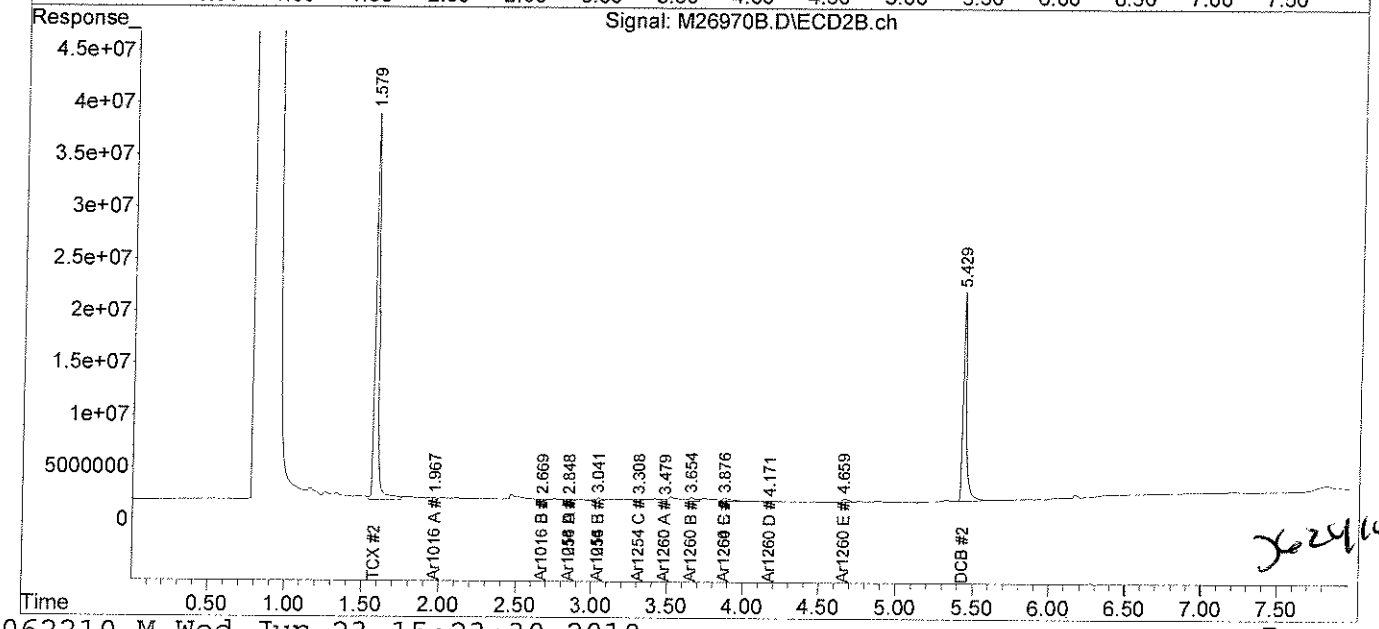
Authorized signature

Data Path : C:\msdchem\1\DATA\062210-M\
Data File : M26970B.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Jun 2010 4:23 pm
Operator : JK
Sample : B062110PW
Misc :
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 23 15:23:24 2010
Quant Method : C:\msdchem\1\METHODS\PCB062210.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 22 15:04:58 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 23, 2010

SAMPLE DATA

Lab Sample ID:	67015-1
Matrix:	Solid
Percent Solid:	99
Dilution Factor:	1.0
Collection Date:	06/17/10
Lab Receipt Date:	06/18/10
Extraction Date:	06/21/10
Analysis Date:	06/22/10

CLIENT SAMPLE ID

Project Name:	AMISTAD ACADEMY
Project Number:	223019
Field Sample ID:	AA-VBS-061

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	56	%
Decachlorobiphenyl	49	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB Report

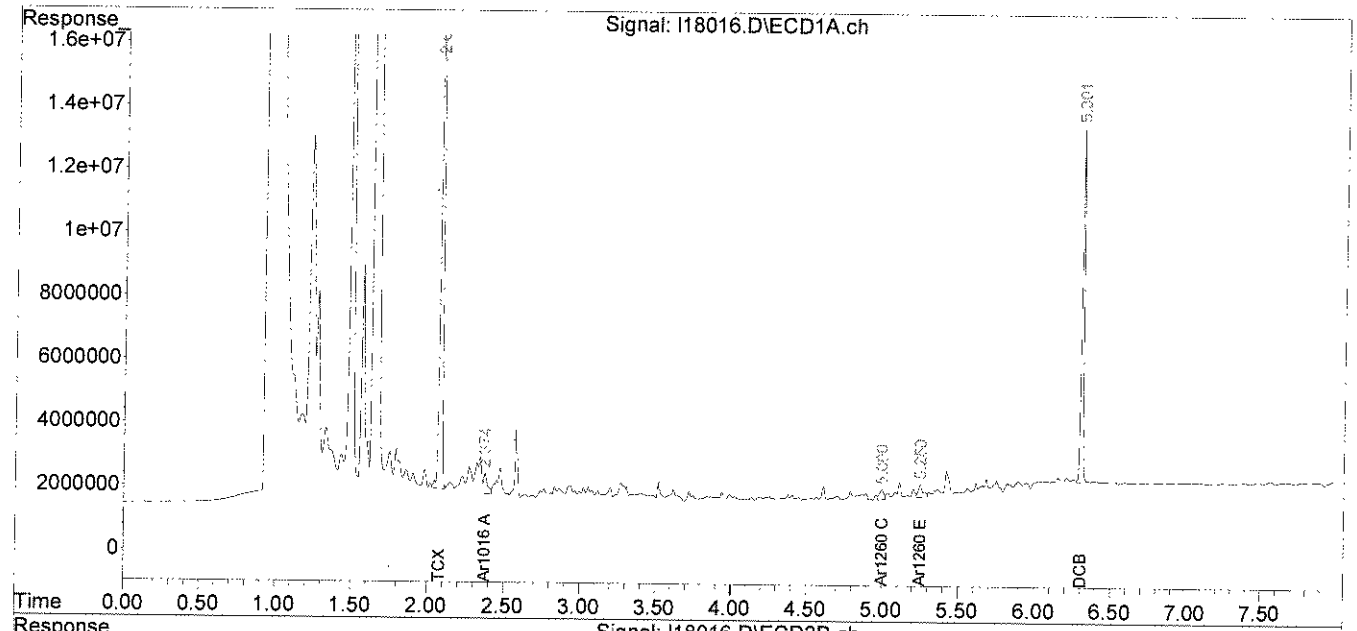
Authorized signature

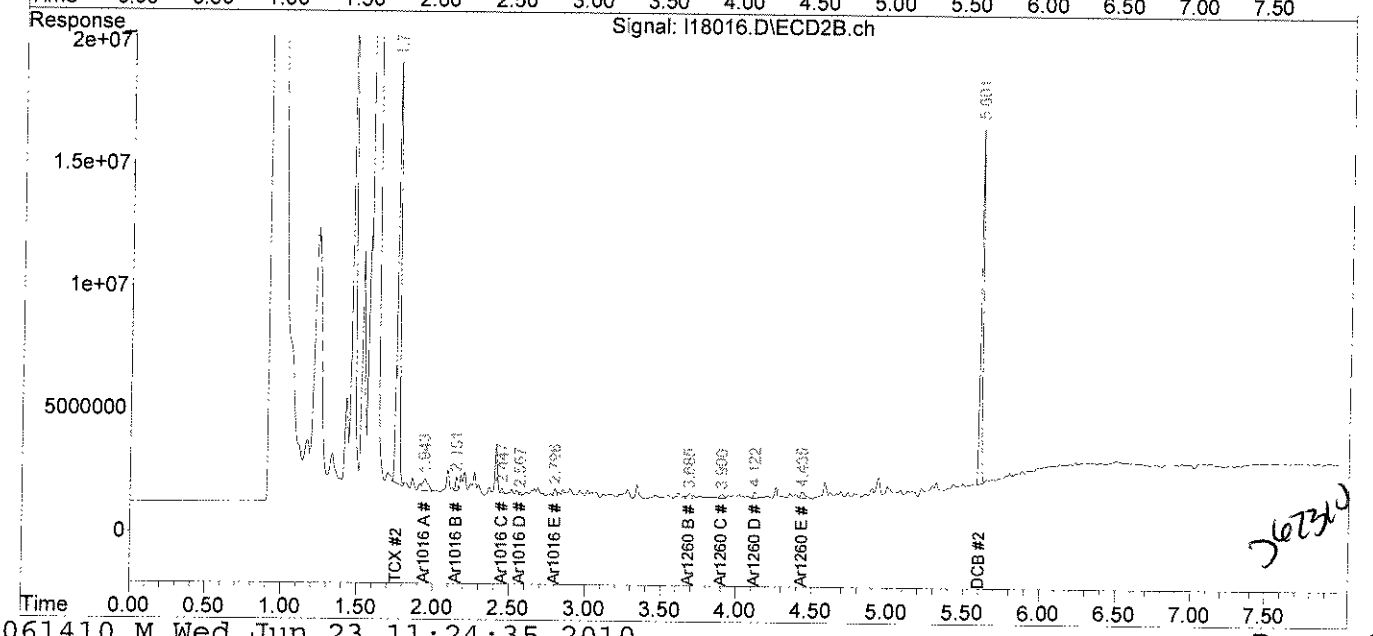
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\062210-L\
Data File : l18016.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Jun 10 5:58 pm
Operator : MG
Sample : 67015-1 (Sig #1); 67015-5 (Sig #2)
Misc :
ALS Vial : 20 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 23 11:24:35 2010
Quant Method : C:\msdchem\1\METHODS\PCB061410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 15 19:47:33 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 23, 2010

SAMPLE DATA

Lab Sample ID:	67015-2
Matrix:	Solid
Percent Solid:	91
Dilution Factor:	1.0
Collection Date:	06/17/10
Lab Receipt Date:	06/18/10
Extraction Date:	06/21/10
Analysis Date:	06/22/10

CLIENT SAMPLE ID

Project Name:	AMISTAD ACADEMY
Project Number:	223019
Field Sample ID:	AA-VBS-062

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	69	%
Decachlorobiphenyl	55	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

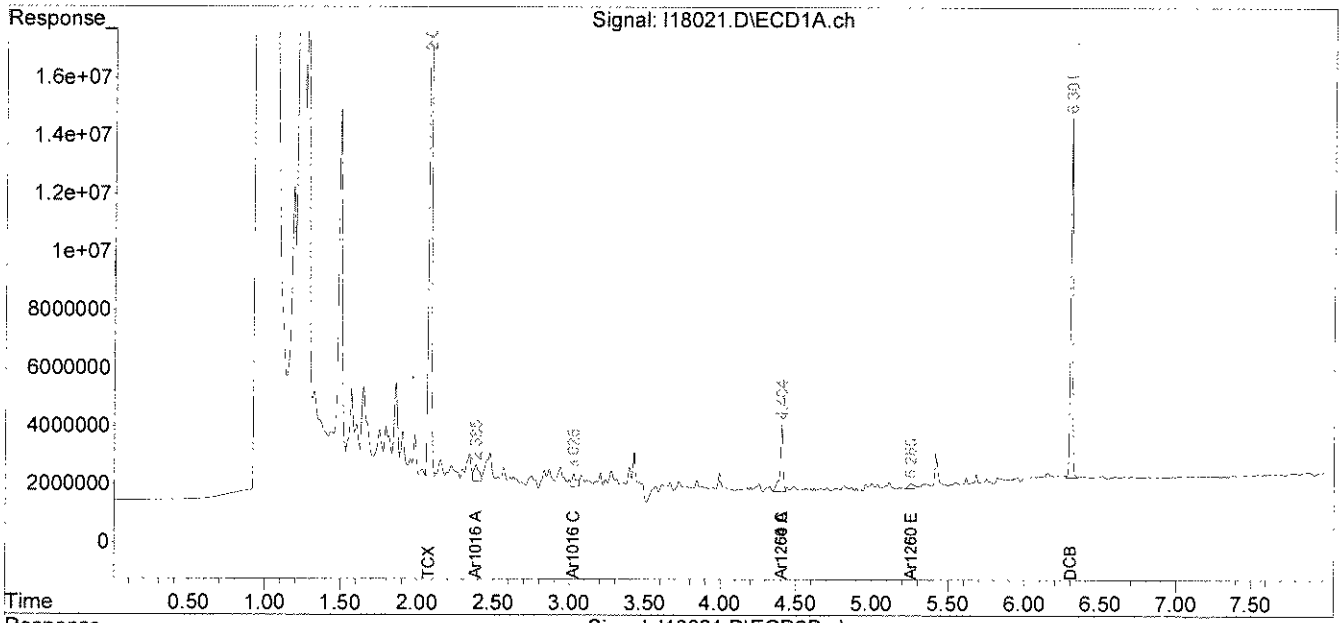
Quantitation Report (Not Reviewed)

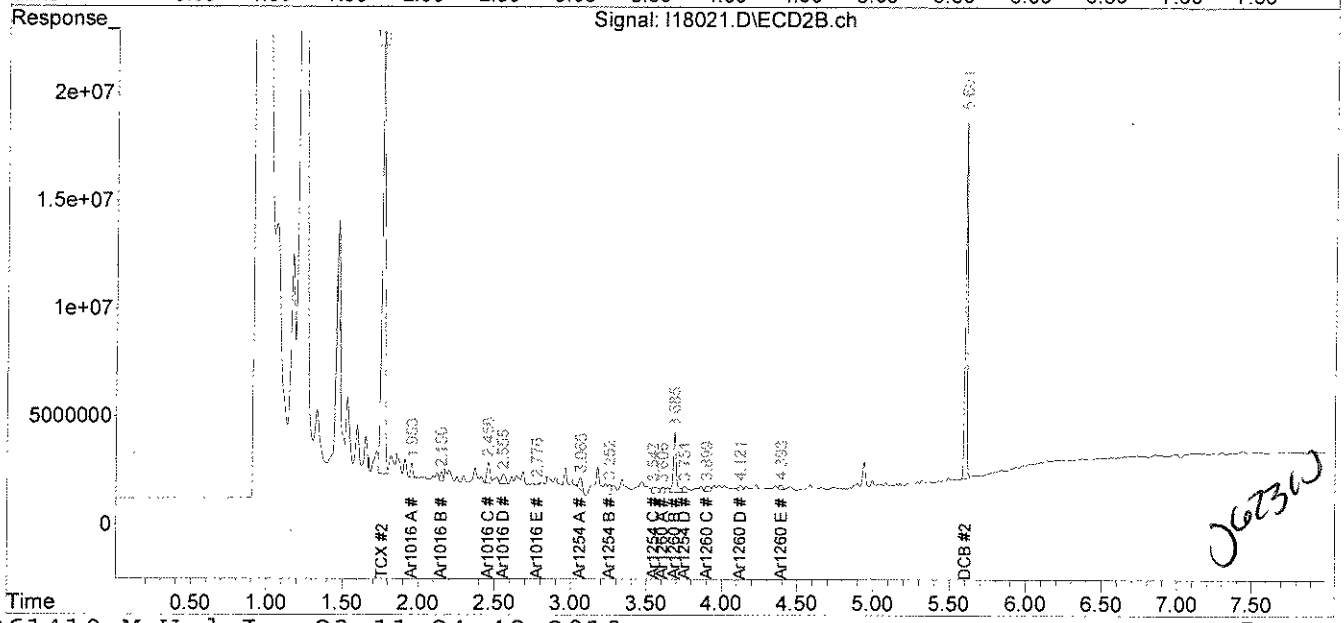
Data Path : C:\msdchem\1\DATA\062210-L\
Data File : l18021.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Jun 10 6:50 pm
Operator : MG
Sample : 67015-2 (Sig #1); 67015-2,MS (Sig #2)
Misc :
ALS Vial : 25 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 23 11:24:49 2010
Quant Method : C:\msdchem\1\METHODS\PCB061410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 15 19:47:33 2010
Response via : Initial Calibration
Integrator: ChemStation

06.23.10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





J 6/23/10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 23, 2010

SAMPLE DATA

Lab Sample ID:	67015-3
Matrix:	Solid
Percent Solid:	90
Dilution Factor:	1.1
Collection Date:	06/17/10
Lab Receipt Date:	06/18/10
Extraction Date:	06/21/10
Analysis Date:	06/23/10

CLIENT SAMPLE ID

Project Name:	AMISTAD ACADEMY
Project Number:	223019
Field Sample ID:	AA-VBS-563

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	36	U
PCB-1221	36	U
PCB-1232	36	U
PCB-1242	36	U
PCB-1248	36	U
PCB-1254	36	U
PCB-1260	36	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	85	%
Decachlorobiphenyl	57	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

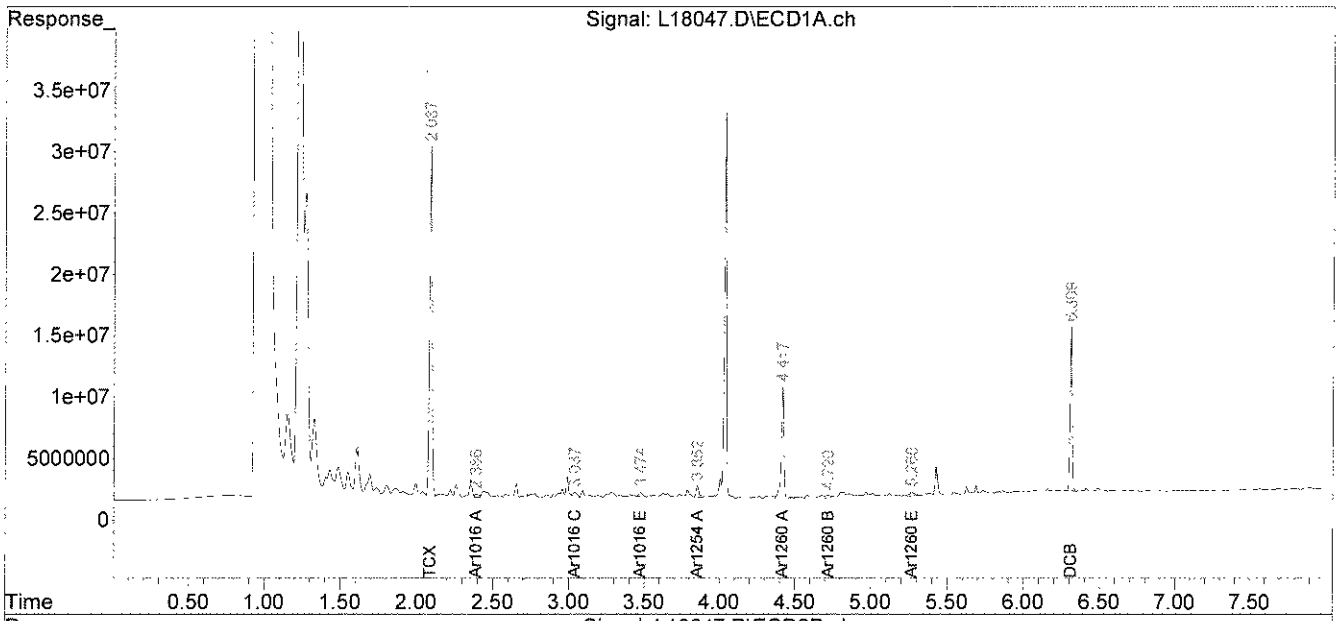
Quantitation Report (Not Reviewed)

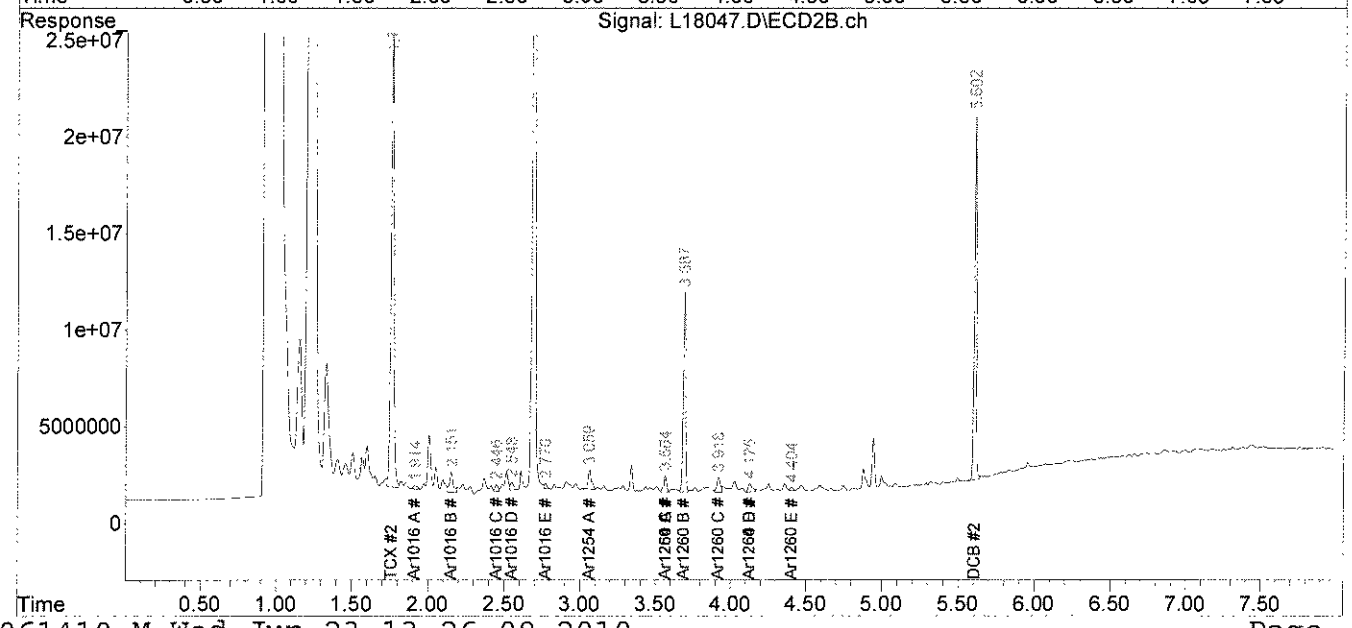
Data Path : C:\msdchem\1\DATA\062310-L\
Data File : L18047.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jun 10 1:08 pm
Operator : JK
Sample : 67015-3,,A/C
Misc : SOIL
ALS Vial : 13 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 23 13:26:08 2010
Quant Method : C:\msdchem\1\METHODS\PCB061410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 15 19:47:33 2010
Response via : Initial Calibration
Integrator: ChemStation

JL 06.23.10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





J62310

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 24, 2010

SAMPLE DATA

Lab Sample ID: 67015-4
Matrix: Aqueous
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date: 06/17/10
Lab Receipt Date: 06/18/10
Extraction Date: 06/21/10
Analysis Date: 06/22/10

CLIENT SAMPLE ID

Project Name: AMISTAD ACADEMY
Project Number: 223019
Field Sample ID: AA-VBS-Q-064

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/L	Results µg/L
PCB-1016	0.2	U
PCB-1221	0.2	U
PCB-1232	0.2	U
PCB-1242	0.2	U
PCB-1248	0.2	U
PCB-1254	0.2	U
PCB-1260	0.2	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	84	%
Decachlorobiphenyl	54	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS:

PCB Report

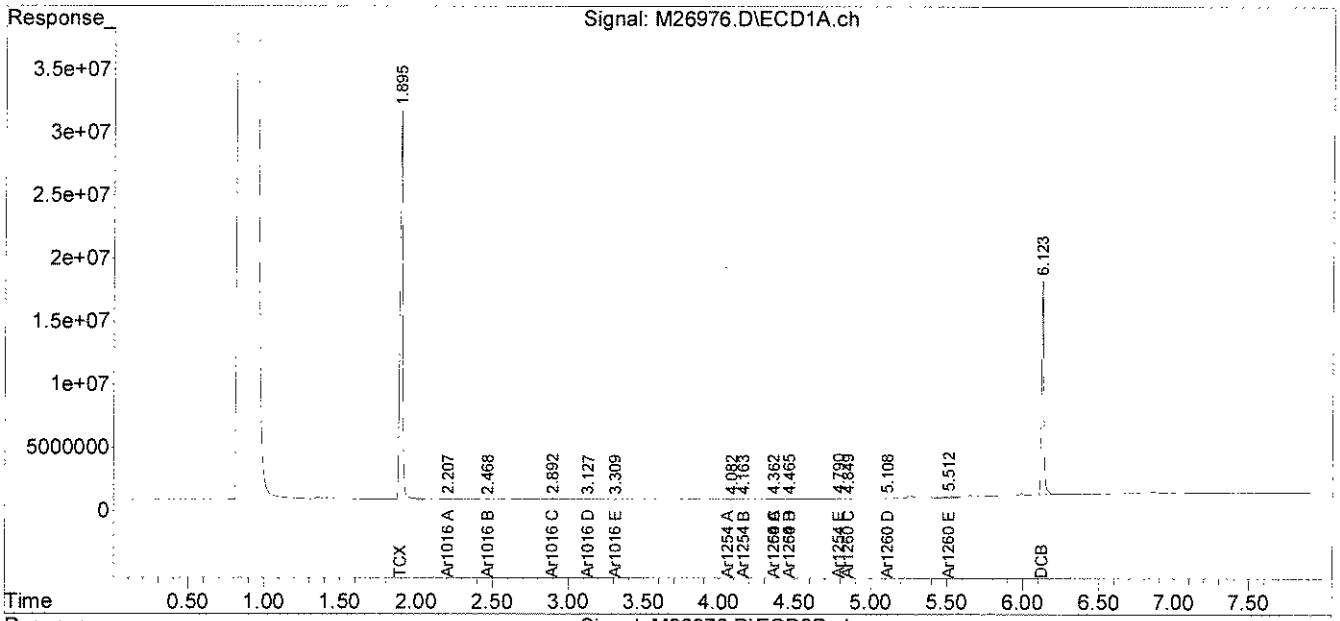
Authorized signature

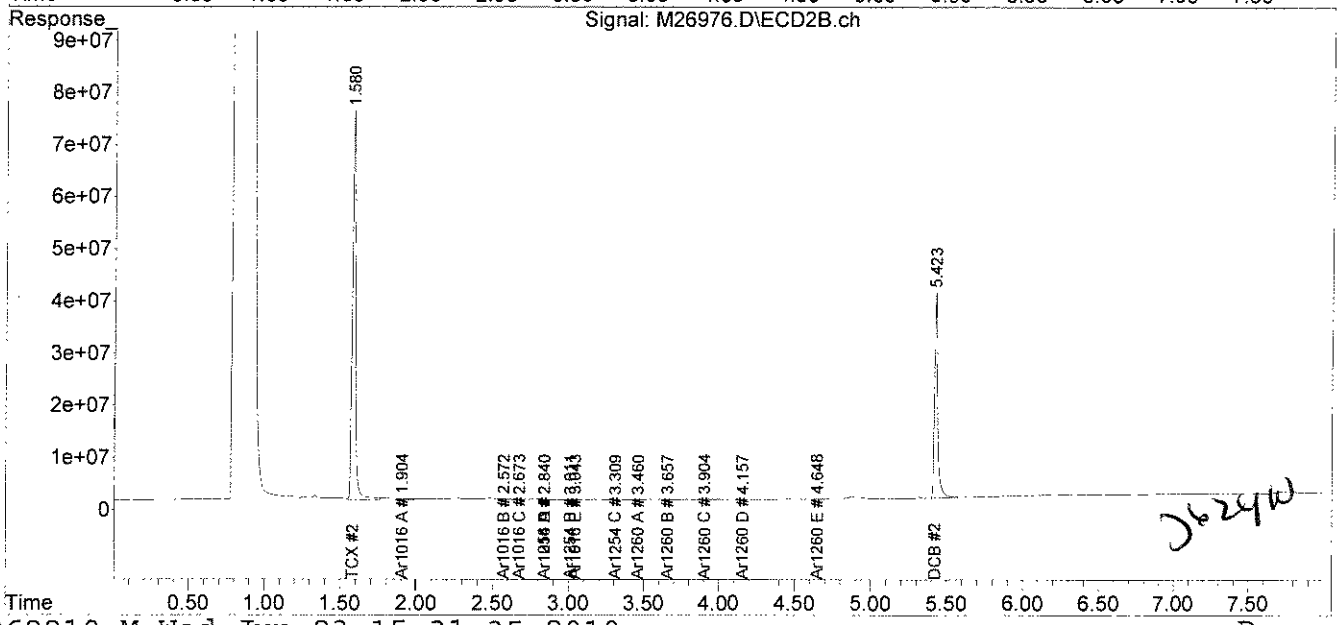
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\062210-M\
Data File : M26976.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Jun 2010 5:24 pm
Operator : JK
Sample : 67015-4
Misc :
ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 23 15:31:30 2010
Quant Method : C:\msdchem\1\METHODS\PCB062210.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 22 14:51:48 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 23, 2010

SAMPLE DATA

Lab Sample ID:	67015-5
Matrix:	Solid
Percent Solid:	97
Dilution Factor:	1.0
Collection Date:	06/17/10
Lab Receipt Date:	06/18/10
Extraction Date:	06/21/10
Analysis Date:	06/22/10

CLIENT SAMPLE ID

Project Name:	AMISTAD ACADEMY
Project Number:	223019
Field Sample ID:	AA-VBS-065

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	**300**
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	90	%
Decachlorobiphenyl	56	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67015
Sample: 67015-5
Data File: 118017.D
Dilution Factor: 1.0

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	300	283	6.0	

Column to be used to flag RPD values greater than QC limit of 40%
* Values outside QC limits

Comments: _____

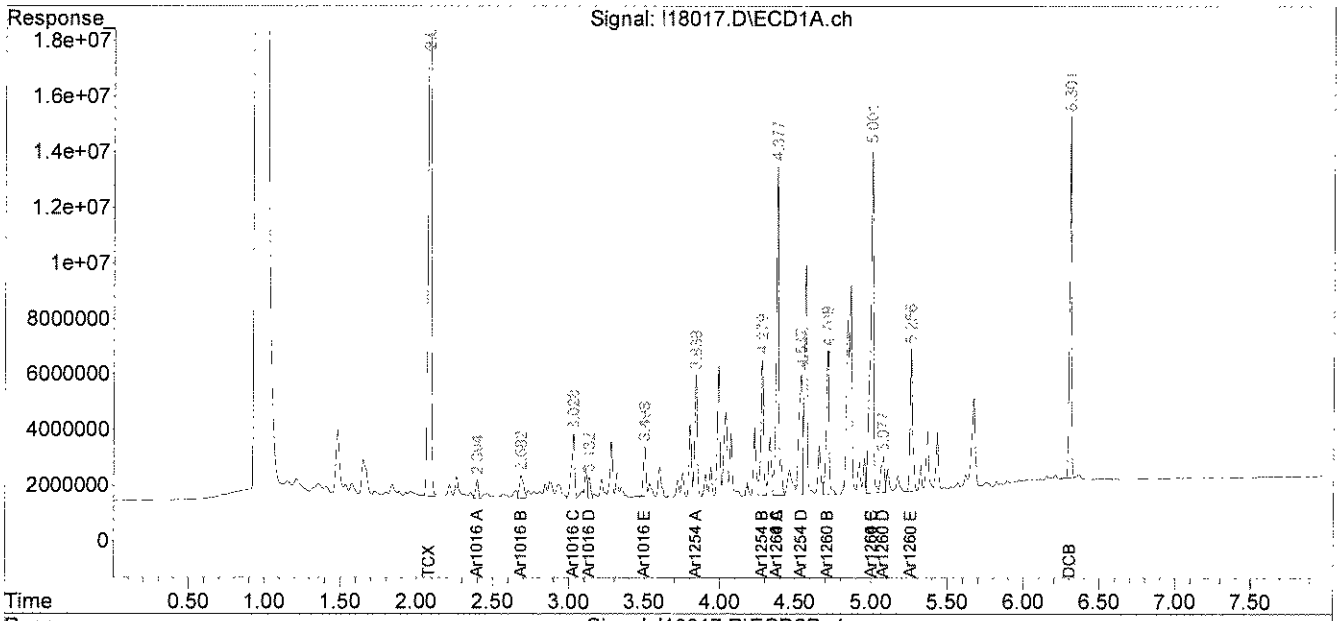
PCB FORM 10

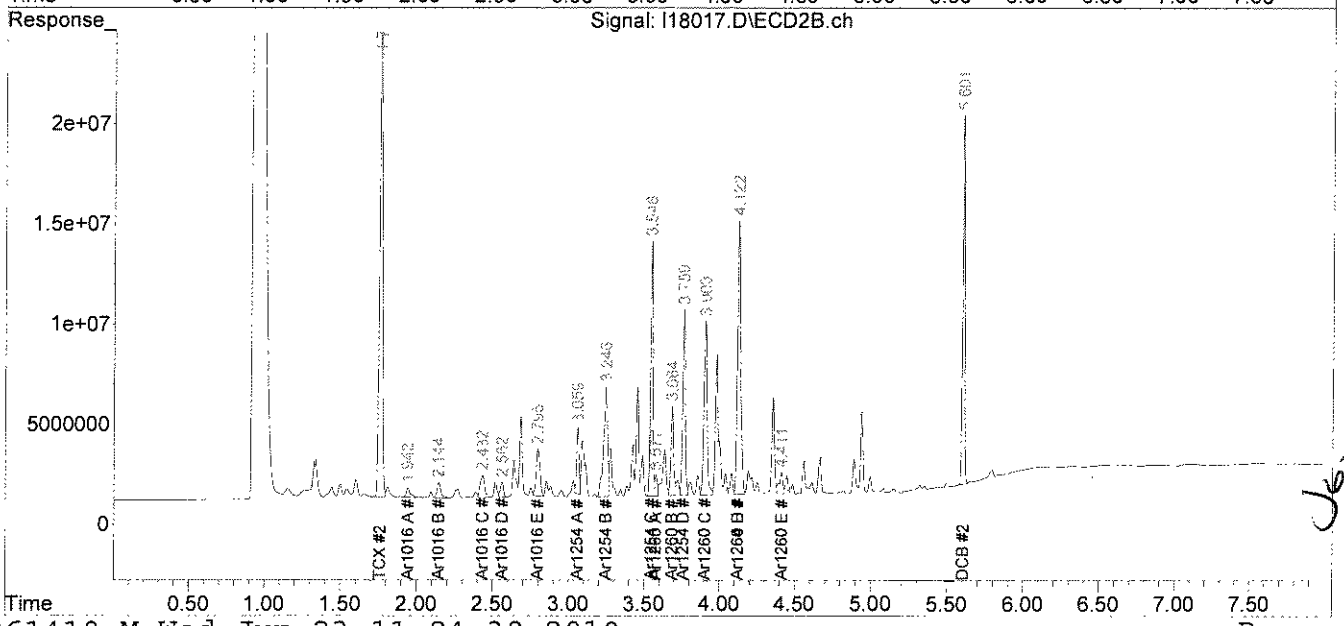
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\062210-L\
Data File : l18017.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Jun 10 6:08 pm
Operator : MG
Sample : 67015-5 (Sig #1); 67015-6 (Sig #2)
Misc :
ALS Vial : 21 Sample Multiplier: 1

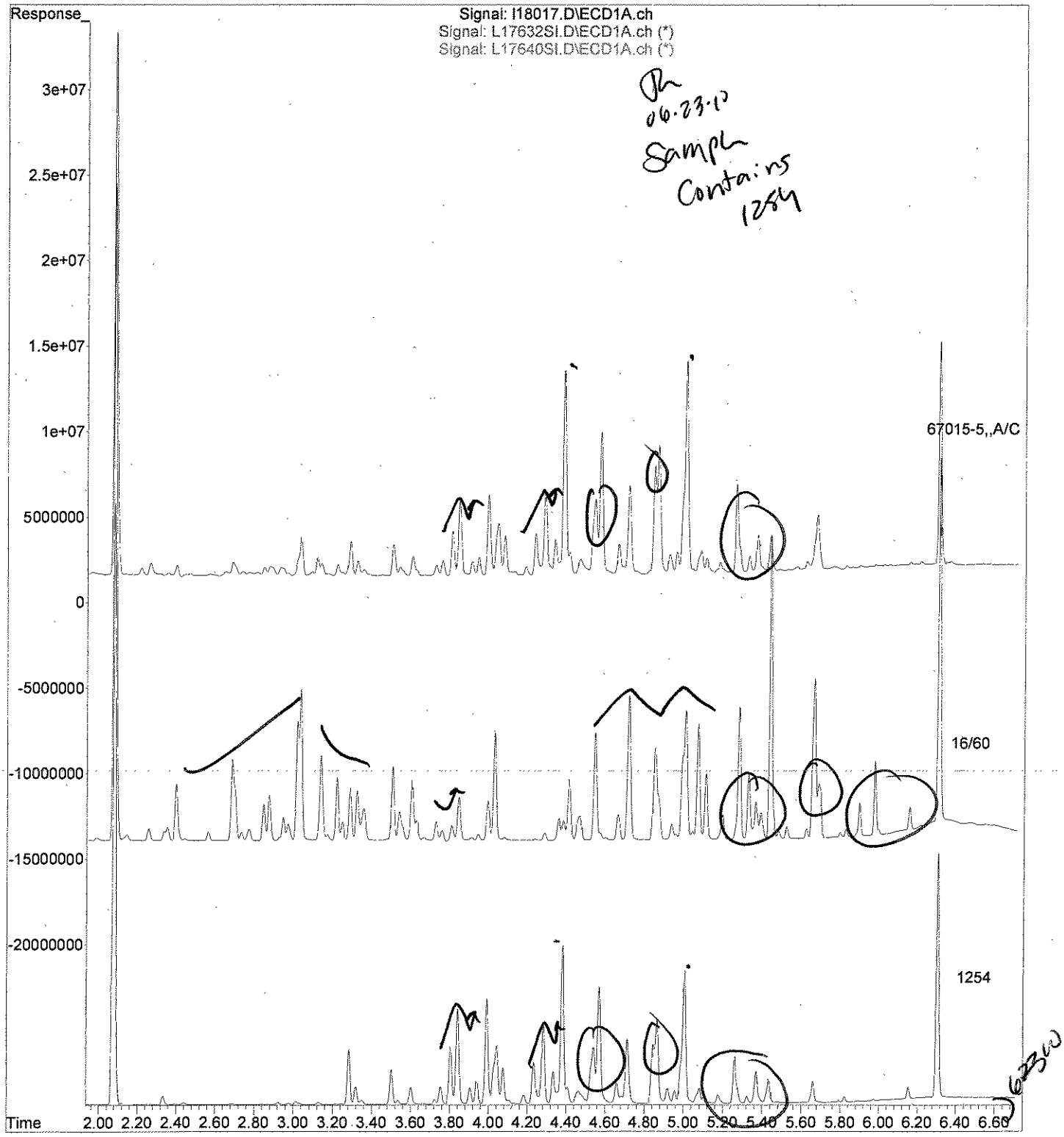
Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 23 11:24:38 2010
Quant Method : C:\msdchem\1\METHODS\PCB061410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 15 19:47:33 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





File :C:\msdchem\1\DATA\062210-L\l18017.D
Operator : MG
Acquired : 22 Jun 10 6:08 pm using AcqMethod PEST.M
Instrument : Inst L
Sample Name: 67015-5
Misc Info :
Vial Number: 21



06.23.10
Sample Contains 1254

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 23, 2010

SAMPLE DATA

Lab Sample ID:	67015-6
Matrix:	Solid
Percent Solid:	96
Dilution Factor:	1.0
Collection Date:	06/17/10
Lab Receipt Date:	06/18/10
Extraction Date:	06/21/10
Analysis Date:	06/22/10

CLIENT SAMPLE ID

Project Name:	AMISTAD ACADEMY
Project Number:	223019
Field Sample ID:	AA-VBS-066

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	**506**
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	93	%
Decachlorobiphenyl	55	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67015
Sample: 67015-6
Data File: I18018.D
Dilution Factor: 1.0

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	506	485	4.4	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

PCB FORM 10

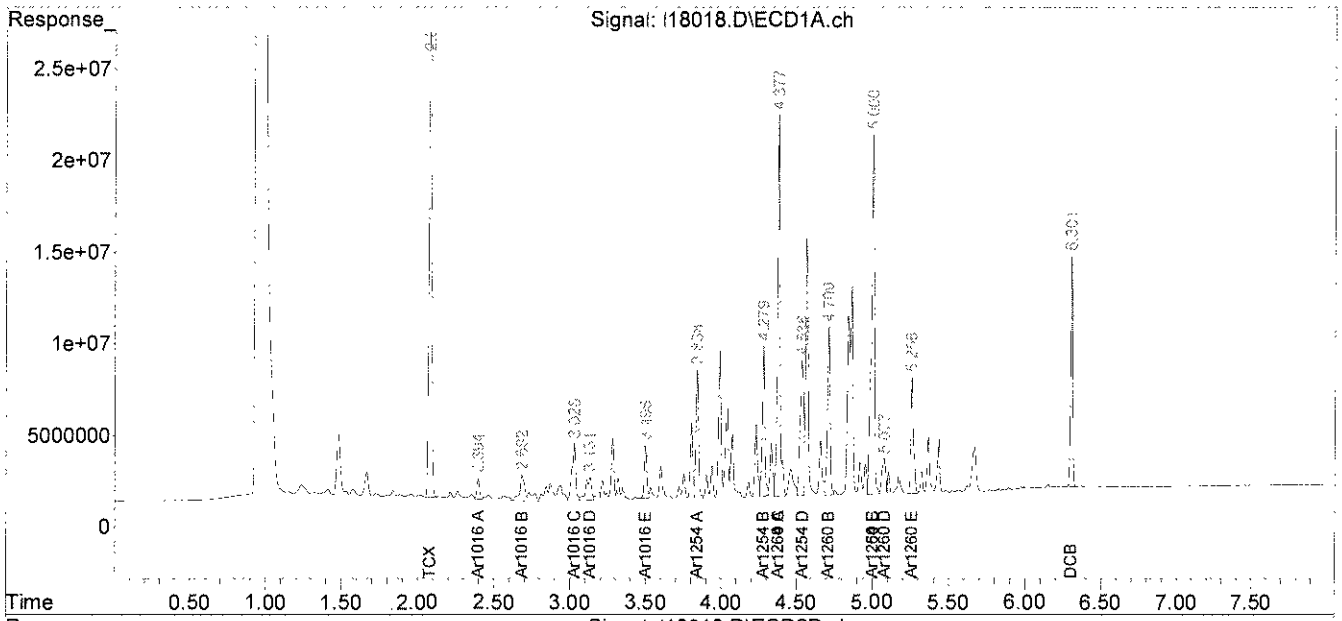
Quantitation Report (Not Reviewed)

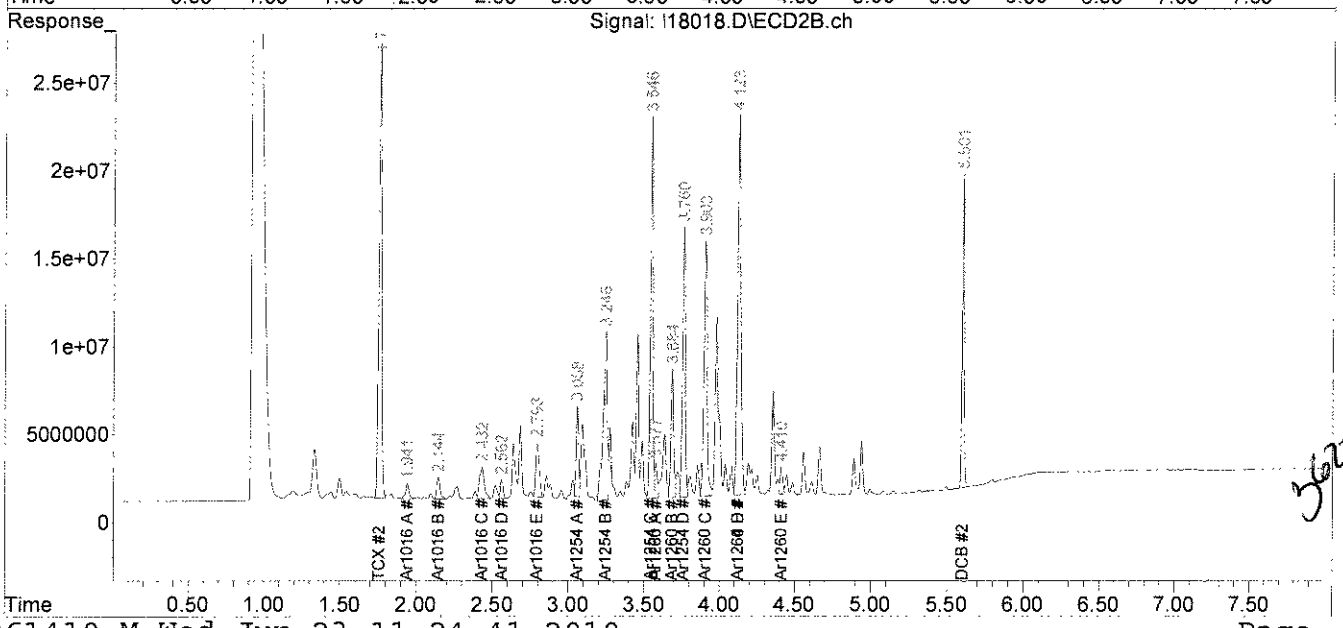
Data Path : C:\msdchem\1\DATA\062210-L\
Data File : l18018.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Jun 10 6:19 pm
Operator : MG
Sample : 67015-6 (Sig #1); 67015-7 (Sig #2)
Misc :
ALS Vial : 22 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 23 11:24:41 2010
Quant Method : C:\msdchem\1\METHODS\PCB061410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 15 19:47:33 2010
Response via : Initial Calibration
Integrator: ChemStation

06.23.10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





36232

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 23, 2010

SAMPLE DATA

Lab Sample ID:	67015-7
Matrix:	Solid
Percent Solid:	93
Dilution Factor:	2.1
Collection Date:	06/17/10
Lab Receipt Date:	06/18/10
Extraction Date:	06/21/10
Analysis Date:	06/23/10

CLIENT SAMPLE ID

Project Name:	AMISTAD ACADEMY
Project Number:	223019
Field Sample ID:	AA-VBS-067

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	69	U
PCB-1221	69	U
PCB-1232	69	U
PCB-1242	69	U
PCB-1248	69	U
PCB-1254	69	**1260**
PCB-1260	69	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	107	%
Decachlorobiphenyl	68	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67015
Sample: 67015-7,1:2,,A/C
Data File: L18046.D
Dilution Factor: 2.1

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	1254	1256	0.2	

Column to be used to flag RPD values greater than QC limit of 40%
* Values outside QC limits

Comments: _____

PCB FORM 10

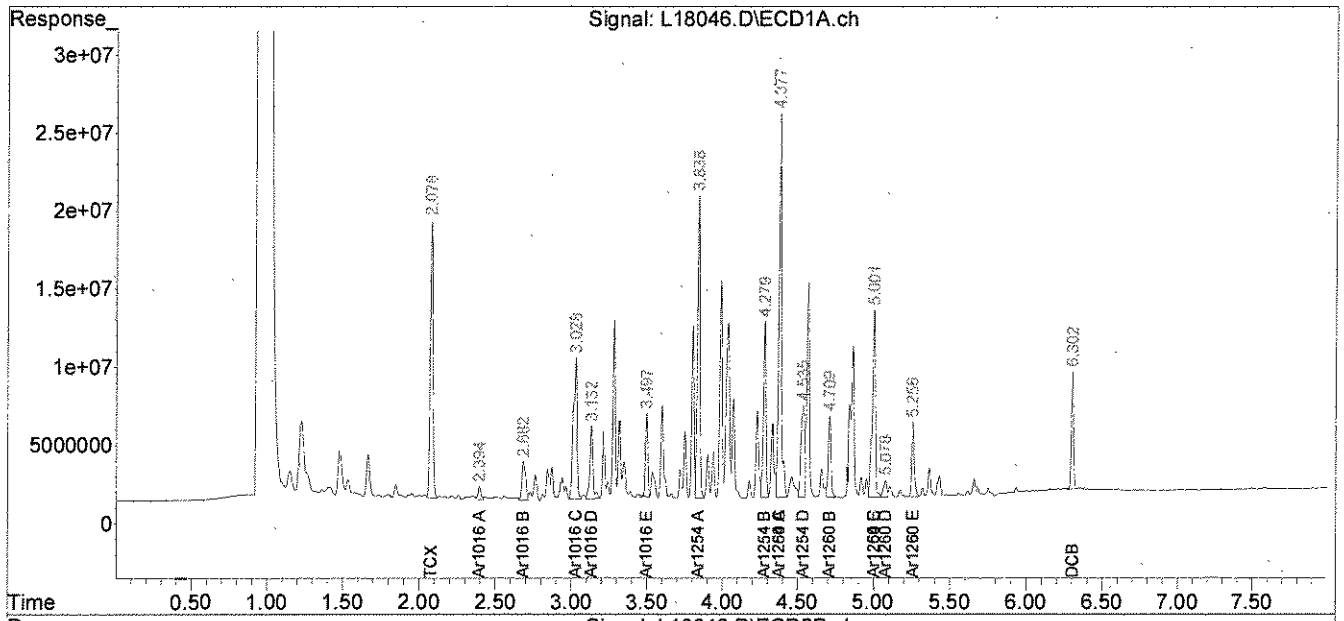
Quantitation Report (Not Reviewed)

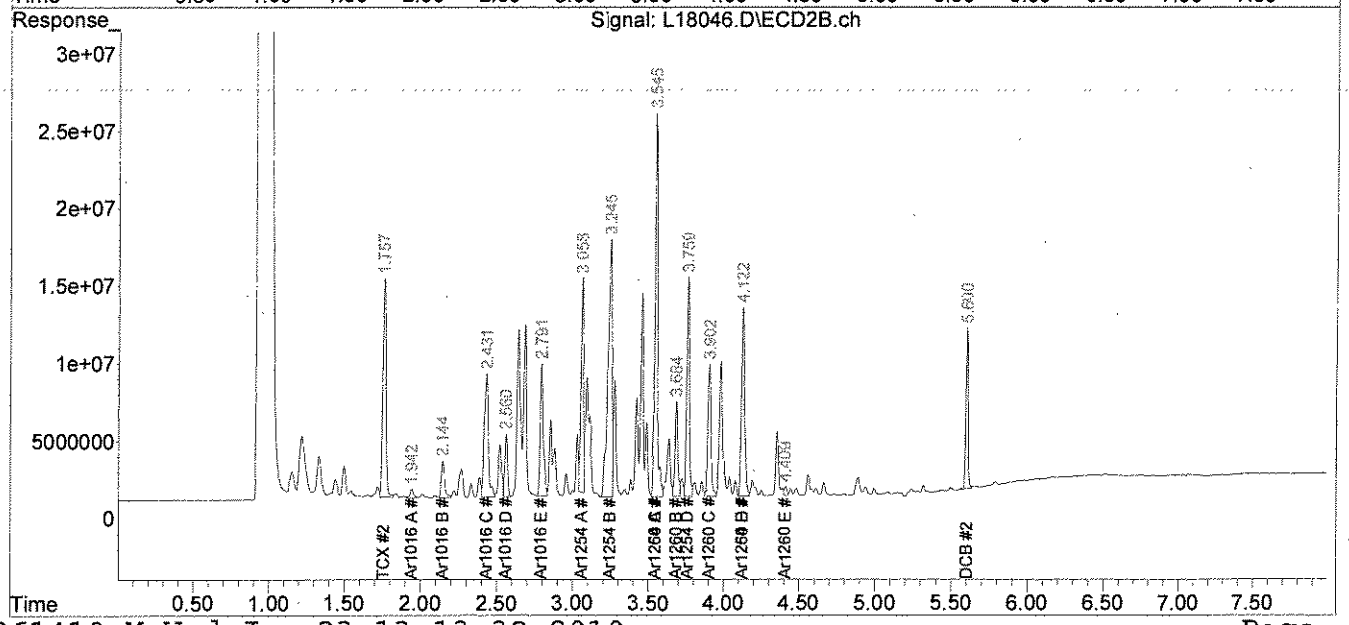
Data Path : C:\msdchem\1\DATA\062310-L\
Data File : L18046.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jun 10 12:34 pm
Operator : JK
Sample : 67015-7,1:2,,A/C
Misc : SOIL
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 23 13:13:31 2010
Quant Method : C:\msdchem\1\METHODS\PCB061410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 15 19:47:33 2010
Response via : Initial Calibration
Integrator: ChemStation

JK 06.23.10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





562310

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 23, 2010

SAMPLE DATA

Lab Sample ID: 67015-8
Matrix: Solid
Percent Solid: 100
Dilution Factor: 1.0
Collection Date: 06/17/10
Lab Receipt Date: 06/18/10
Extraction Date: 06/21/10
Analysis Date: 06/22/10

CLIENT SAMPLE ID

Project Name: AMISTAD ACADEMY
Project Number: 223019
Field Sample ID: AA-VBS-068

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	95	%
Decachlorobiphenyl	57	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

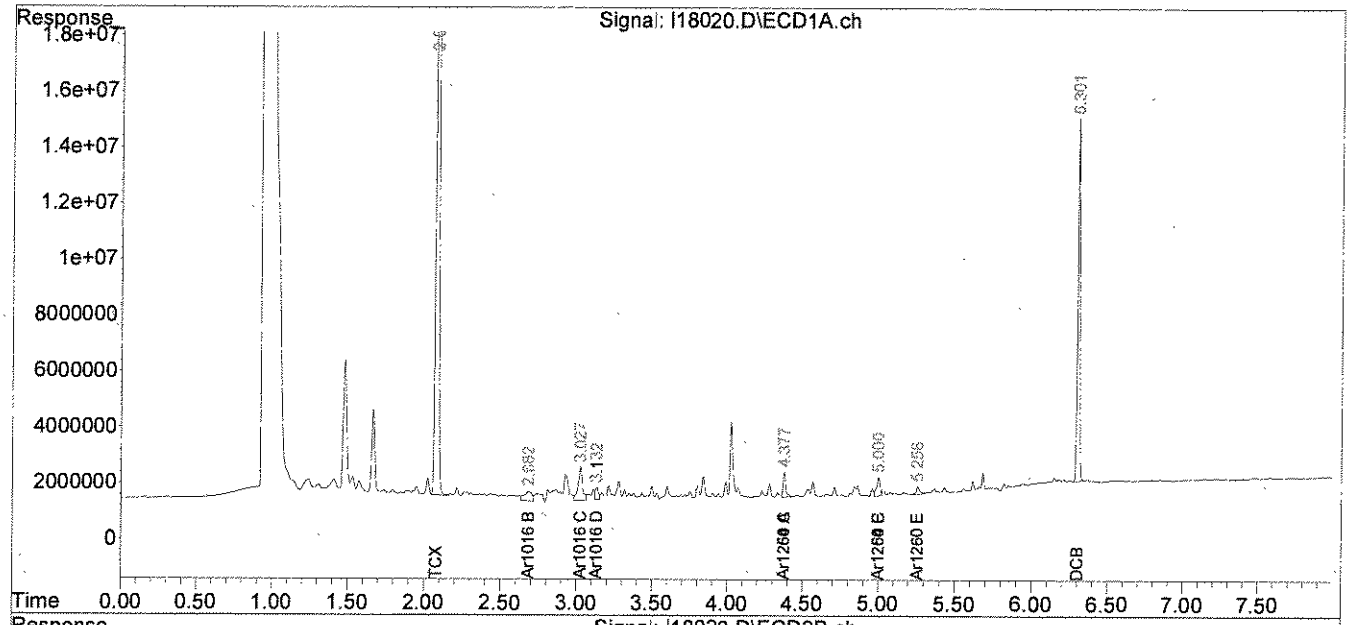
Quantitation Report (Not Reviewed)

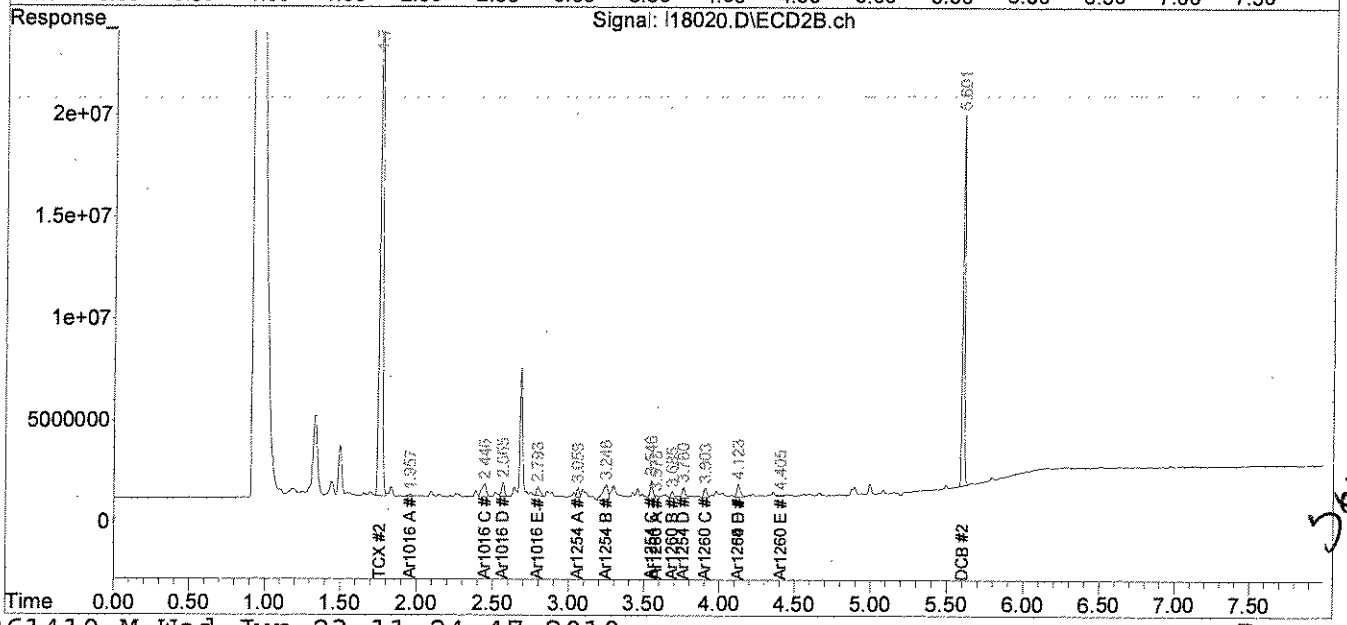
Data Path : C:\msdchem\1\DATA\062210-L\
Data File : l18020.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Jun 10 6:39 pm
Operator : MG
Sample : 67015-8 (Sig #1); 67015-2 (Sig #2)
Misc :
ALS Vial : 24 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 23 11:24:47 2010
Quant Method : C:\msdchem\1\METHODS\PCB061410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 15 19:47:33 2010
Response via : Initial Calibration
Integrator: ChemStation

JR 06.23.10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





JR 06.23.10

analytics environmental laboratory LLC

PCB
QC FORMS

AnalyticsLLC:AEL Documents LLC:Pkg Dividers:PCBQC.doc

PCB SOIL
SYSTEM MONITORING COMPOUNDS
SUMMARY

Instrument ID: L
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67015

	Column #1				Column #2			
SAMPLE ID	SMC 1 (%)	#	SMC 2 (%)	#	SMC 1 (%)	#	SMC 2 (%)	#
B062110PSOX,AC	79		47		81		44	
L062110PSOX,AC	86		44		87		46	
LD062110PSOX,AC	88		47		86		45	

		Lower Limit	Upper Limit
SMC #1 =	TCX	40	130
SMC #2 =	DCB	40	130

Column to be used to flag recovery values outside of QC limits
* Values outside QC limits
D System Monitoring Compound diluted out

PCB FORM 2

PCB SOIL
SYSTEM MONITORING COMPOUNDS
SUMMARY

Instrument ID: L
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67015

	Column #1				Column #2			
SAMPLE ID	SMC 1 (%)	#	SMC 2 (%)	#	SMC I (%)	#	SMC 2 (%)	#
B062110PSOX,RRAC	90		56		87		54	
67015-1	56		49		58		44	
67015-5	90		56		88		55	
67015-6	93		55		90		54	
67015-8	95		57		91		55	
67015-2	69		55		79		51	
67015-2,MS	65		50		71		46	
67015-2,MSD	61		50		69		44	

		Lower Limit	Upper Limit
SMC #1 =	TCX	40	130
SMC #2 =	DCB	40	130

Column to be used to flag recovery values outside of QC limits
* Values outside QC limits
D System Monitoring Compound diluted out

PCB FORM 2

PCB SOIL
SYSTEM MONITORING COMPOUNDS
SUMMARY

Instrument ID: L
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67015

	Column #1				Column #2			
SAMPLE ID	SMC 1 (%)	#	SMC 2 (%)	#	SMC 1 (%)	#	SMC 2 (%)	#
B062110PSOX,RR3,,A/	97		61		93		94	
67015-7,1:2,,A/C	107		68		103		67	
67015-3,,A/C	80		59		85		57	

		Lower Limit	Upper Limit
SMC #1 =	TCX	40	130
SMC #2 =	DCB	40	130

\# Column to be used to flag recovery values outside of QC limits
* Values outside QC limits
D System Monitoring Compound diluted out

PCB FORM 2

PCB AQUEOUS
SYSTEM MONITORING COMPOUNDS
SUMMARY

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67015

	Column #1				Column #2			
SAMPLE ID	SMC 1 (%)	#	SMC 2 (%)	#	SMC 1 (%)	#	SMC 2 (%)	#
B062110PW	82		59		87		62	
L062110PWB	75		62		74		63	
LD062110PWB	79		62		78		61	
67015-4	83		55		84		54	

		Lower Limit	Upper Limit
SMC #1 =	TCX	46	122
SMC #2 =	DCB	40	135

Column to be used to flag recovery values outside of QC limits
* Values outside QC limits
D System Monitoring Compound diluted out

PCB FORM 2

PCB SOIL
LABORATORY CONTROL SAMPLE/DUPLICATE
PERCENT RECOVERY

Instrument ID: M

GC Column #1: STX-CLPesticides I

Column ID: 0.25 mm

GC Column #2: STX-CLPesticides II

Column ID: 0.25 mm

SDG: 67015

Non-spiked sample: B062110PSOX,AC

Spike: L062110PSOX,AC

Spike duplicate: LD062110PSOX,AC

COMPOUND	LCS SPIKE ADDED (ug/kg)	LCSD SPIKE ADDED (ug/kg)	LOWER LIMIT	UPPER LIMIT	RPD LIMIT	NON-SPIKE RESULT (ug/kg)	SPIKE RESULT (ug/kg)	SPIKE % REC	#	SPIKE DUP RESULT (ug/kg)	SPIKE DUP % REC	#	RPD	#
PCB 1016	200	200	65	140	30	0	171	85		167	83		2.5	
PCB 1260	200	200	60	130	30	0	137	69		153	77		10.8	
PCB 1016 #2	200	200	65	140	30	0	270	135		250	125		7.8	
PCB 1260 #2	200	200	60	130	30	0	161	81		164	82		1.6	

Column to be used to flag recovery and RPD values outside of QC limits

* Values outside QC limits

LCS/LCSD spike added values have been weight adjusted.

Non-spike result of "0" used in place of "U" to allow calculation of spike recovery.

Comments: _____

_____

PCB SOIL
MATRIX SPIKE/DUPLICATE
PERCENT RECOVERY

Instrument ID: M

GC Column #1: STX-CLPesticides I

Column ID: 0.25 mm

GC Column #2: STX-CLPesticides II

Column ID: 0.25 mm

SDG: 67015

Non-spiked sample: 67015-8

Spike: 67015-2,MS

Spike duplicate: 67015-2,MSD

COMPOUND	LCS SPIKE ADDED (ug/kg)	LCSD SPIKE ADDED (ug/kg)	LOWER LIMIT	UPPER LIMIT	RPD LIMIT	NON-SPIKE RESULT (ug/kg)	SPIKE RESULT (ug/kg)	SPIKE % REC	#	SPIKE DUP RESULT (ug/kg)	SPIKE DUP % REC	#	RPD	#
PCB 1016	191	197	65	140	30	0	108	56	*	104	53	*	7.0	
PCB 1260	191	197	60	130	30	0	191	100		151	77		26.5	
PCB 1016 #2	191	197	65	140	30	0	136	71		117	59	*	18.0	
PCB 1260 #2	191	197	60	130	30	0	162	85		154	78		8.7	

Column to be used to flag recovery and RPD values outside of QC limits

* Values outside QC limits

LCS/LCSD spike added values have been weight adjusted.

Non-spike result of "0" used in place of "U" to allow calculation of spike recovery.

Comments: _____

_____

PCB AQUEOUS
LABORATORY CONTROL SAMPLE/DUPLICATE
PERCENT RECOVERY

Instrument ID: M

GC Column #1: STX-CLPesticides I

Column ID: 0.25 mm

GC Column #2: STX-CLPesticides II

Column ID: 0.25 mm

SDG: 67015

Non-spiked sample: B062110PW

Spike: L062110PWB

Spike duplicate: LD062110PWB

COMPOUND	LCS SPIKE ADDED (ug/kg)	LCSD SPIKE ADDED (ug/kg)	LOWER LIMIT	UPPER LIMIT	RPD LIMIT	NON-SPIKE RESULT (ug/kg)	SPIKE RESULT (ug/kg)	SPIKE % REC	#	SPIKE DUP RESULT (ug/kg)	SPIKE DUP % REC	#	RPD	#
PCB 1016	2.00	2.00	79	113	30	0	1.91	96		1.94	97		1.6	
PCB 1260	2.00	2.00	58	115	30	0	1.74	87		1.75	88		0.6	
PCB 1016 #2	2.00	2.00	81	112	30	0	1.75	87		2.54	127	*	37.0	*
PCB 1260 #2	2.00	2.00	54	123	30	0	1.96	98		2.03	101		3.4	

Column to be used to flag recovery and RPD values outside of QC limits

* Values outside QC limits

LCS/LCSD spike added values have been weight adjusted.

Non-spike result of "0" used in place of "U" to allow calculation of spike recovery.

Comments: _____

_____

PCB FORM 3

CHAIN OF CUSTODIES

Chain Of Custody Form

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, NH 03801
Phone (603) 436-5111
Fax (603) 430-2151

For Analytics Use Only Rev. 5 06/18/08

Samples were:
1) Shipped or hand-delivered
2) Temp blank °C 5.6° on ice
3) Received in good condition Y or N
4) pH checked by: CP 6/18/10
5) Labels checked by: JSB 6/18/10

Project#: 223019 Proj. Name: AMISTAD ACADEMY
Company: Woodard &Curran
Contact: GEORGE FRANKLIN / JEFF HAMEL
Address: 41 Hutchins Drive
Portland, ME
Phone: (207)774-2112 PO# Quote # WCI 03051001
Sampler (Signature): JESSE ABBEY REAM

Matrix Key:
C = Concrete
WP = Wipe
WW = Wastewater
SW = Surface Water
GW = Groundwater
DW = Drinking Water
S = Soil/Sludge
O = Oil
E = Extract
D - LAB DI
B - Brick

Container Key
P=plastic G=glass

Preservation

Station Identification	Sample Date	Sample Time	Analysis	Unpres	4° C	HNO_3	H_2SO_4	HCL	Methanol	Other	Matrix	Container number/tvoe		pH	Analytics Sample #
AA-VBS-061	6/17/10	0920	PCB's by U.S. EPA 8082 (w/ Soxhlet Extraction)		✓						B	1	G		67015 - 1
AA-VBS-062		0930			✓						B	1	G		2
AA-VBS-563		0940			✓						B	1	G		3
AA-VBS-Q-064		1020			✓						D	1	G	6.0	4
AA-VBS-065		1040			✓						B	1	G		5
AA-VBS-066		1050			✓						B	1	G		6
AA-VBS-067		1340			✓						B	1	G		7
AA-VBS-068		1350			✓						B	1	G		8

CP 6/18/10

Email Results to:
gfranklin@woodardcurran.com
jhamel@...

Turnaround Time (TAT)
☐ 24hr* ☐ 48hr*
☐ 72hr* ☑ 5 Days* STD TURN AROUND (3-5 DAYS)
☐ 10 Days
*Fee may apply; lab approval required

Comments / Instructions:
R.L. ≤ 1.0 mg/kg.
Amber liter (-) for CL when checked with KI paper - CP 6/18/10

Project Requirements:
*Fee may apply

Report Type:
☐ MCP* ☑ Level II*
☐ CTRCP* ☐ Level III*
☐ DOD* ☐ Level IV*
☐ Standard

State:
☐ NH
☐ MA
☐ ME
☑ CT
☐ RI
Other:

State Standard:
(eg. S-1 or GW-1)
EDD Required: Y N
Type: .xls

Received By: UPS Fed Ex CP 6/18/10 Time:
Received By: Casey Pan Time: 10:00 Date: 6/17/10
Received By: CP 6/18/10 Time: Date: 6/18/10
Relinquished By Sampler: Jesse Abbey R Date: 6/18/10
Relinquished By: Fed Ex UPS CP 6/18/10
Relinquished By:

Analytics\AEL Documents\AEL COC

Page 1 of 1

ANALYTICS SAMPLE RECEIPT CHECKLIST

analytics environmental laboratory LLC

AEL LAB#: 67015

CLIENT: Woodard + Curran

PROJECT: Amistad Academy

COOLER NUMBER: N/A

NUMBER OF COOLERS: 1

DATE RECEIVED: 6/18/10

A: PRELIMINARY EXAMINATION:

DATE COOLER OPENED: 6/18/10

1. Cooler received by(initials): CP

Date Received: 6/18/10

2. Circle one: Hand delivered (If so, skip 3) Shipped

3. Did cooler come with a shipping slip? Y N

3a. Enter carrier name and airbill number here: Fed Ex 7936 4671 5371

4. Were custody seals on the outside of cooler? Y N
How many & where: 2 on lid Seal Date: N/A Seal Name: N/A

5. Did the custody seals arrive unbroken and intact upon arrival? Y N

6. COC#: N/A

7. Were Custody papers filled out properly (ink,signed, etc)? Y CP 6/18/10 N

8. Were custody papers sealed in a plastic bag? Y N

9. Did you sign the COC in the appropriate place? Y N

10. Was the project identifiable from the COC papers? Y N

11. Was enough ice used to chill the cooler? Y N Temp. of cooler: 5.6° on ice

No ~~Sam~~ time written on COC as to when sampler relinquished samples to Fed Ex CP 6/18/10

B. Log-In: Date samples were logged in: 6/18/10 By: CP

12. Type of packing in cooler(bubble wrap, popcorn) Y N

13. Were all bottles sealed in separate plastic bags? Y N

14. Did all bottles arrive unbroken and were labels in good condition? Y N

15. Were all bottle labels complete(ID,Date,time,etc.) Y N

16. Did all bottle labels agree with custody papers? Y N

17. Were the correct containers used for the tests indicated: Y N

18. Were samples received at the correct pH? amber @ 6pH Y N

19. Was sufficient amount of sample sent for the tests indicated? Y N

20. Were bubbles absent in VOA samples? Y N/A

- cap on AA-VBS-061 was cracked - AEL to replace

If NO, List Sample ID's and Lab #s: _____

21. Laboratory labeling verified by (initials): JSB

Date: 6/17/10

C:ANLYTICS LLC\AEL DOCUMENTS\FORMS\SMPL CHKLST\Edit 4908

Rev. 2, 4/13/10

From: Origin ID: BNHA (203) 271-0379
Jesse Ream
WOODARD & CURRAN INC
1520 HIGHLAND AVENUE

CHESHIRE, CT 06410

FedEx Express

E

J10101002220224

Ship Date: 17JUN10
ActWgt: 30.0 LB
CAD: 2185050/INET3010

Delivery Address Bar Code

SHIP TO: (603) 436-5111 BILL SENDER

Analytics Enviro Labs, LLC
Analytics Enviro Labs, LLC
195 COMMERCE WAY UNIT E

PORTSMOUTH, NH 03801

Ref # 223019.00
Invoice #
PO #
Dept #

TRK# 0201 7936 4671 5371

FRI - 18 JUN A2
PRIORITY OVERNIGHT

03801
NH-US
MHT

03 IGGA

After printing this label:
1. Use the 'Print' button on this page to print your label to your laser or inkjet printer.
2. Fold the printed page along the horizontal line.
3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

Warning: Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.

Use of this system constitutes your agreement to the [illegible] in the current FedEx Service Guide [illegible] responsible for any claim in excess of $100 per package, [illegible] delay, non-delivery, misdelivery [illegible] value, pay an additional charge, document your [illegible] Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic valueof the package, loss of sales, income interest, profit, attorney's fees, costs, and other [illegible] incidental,consequential, or special is limited to the greater of [illegible] recovery cannot exceed actual [illegible] of extraordinary value is $500, e.g. jewelry, precious metals [illegible] in our ServiceGuide. Written [illegible] see current FedEx Service Guide

TAMPER RESISTANT

TAMPER RESISTANT

TAMPER RESISTANT

TAMPER RESISTANT

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

June 28, 2010

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

RE: Analytical Results Case Narrative
Analytics # 67031
AMISTAD ACADEMY

Dear Mr. Franklin;

Enclosed please find the analytical results for samples submitted for the above-mentioned project. The attached Cover Page lists the sample IDs, Lab tracking numbers and collection dates for the samples included in this deliverable.

Samples were analyzed Polychlorinated Biphenyls (PCBs) by EPA Method 8082.

Unless otherwise noted in the Non-conformance Summary listed below, all of the quality control (QC) criteria including initial calibration, calibration verification, surrogate recovery, holding time and method accuracy/precision for these analyses were within acceptable limits.

This Level II data package has been assembled in the following order:

Case Narrative/Non-Conformance Summary
Sample Log Sheet - Cover Page
PCB Form 1 Data Sheet for Samples and Blanks
Chromatograms
PCB Form 10 Confirmation Results
PCB Form 3 MS/MSD (LCS) Recoveries
Chain of Custody (COC) Forms

QC NON-CONFORMANCE SUMMARY

Sample Receipt:
No exceptions.

PCBs by EPA Method 8082:
No results were reported below the quantitation limit.

Sample 67031-12 had low recovery for Decachlorobiphenyl (DCB) on both columns. Tetrachloro-m-xylene was in control. No further action was taken as the sample was consumed. Results were reported with a comment to this affect.

Sample 67031-28 had low recovery for Decachlorobiphenyl (DCB) on both columns. Tetrachloro-m-xylene was in control. The sample was re-extracted with acceptable recoveries on column#1. Results from the re-extraction are reported in this final report.

The closing continuing calibration standard (file# M27091SC) had low recoveries for surrogate Decachlorobiphenyl (DCB) on both columns (75% & 78%). The analytical window was reanalyzed with similar results. Results were reported with a comment to this affect.

If you have any questions on these results, please do not hesitate to contact me.

Sincerely,
ANALYTICS Environmental Laboratory, LLC

Stephen L. Knollmeyer
Laboratory Director

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

Report Number: 67031

Revision: Rev. 0

Re: AMISTAD ACADEMY (Project No: 223019)

Enclosed are the results of the analyses on your sample(s). Samples were received on 22 June 2010 and analyzed for the tests listed. Samples were received in acceptable condition, with the exceptions noted below or on the chain of custody. These results pertain to samples as received by the laboratory and for the analytical tests requested on the chain of custody. The results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report. Please see individual reports for specific methodologies and references.

Sample Analysis: The attached pages detail the Client Sample IDs, Lab Sample IDs, and Analyses requested

Sample Receipt Exceptions: None

Analytics Environmental Laboratory is certified by the states of New Hampshire, Maine, Massachusetts, Connecticut, Rhode Island, Virginia, Maryland, and is accredited by the Deparment of Defense (DOD) ELAP program. A list of actual certified parameters is available upon request.

If you have any questions on these results, please do not hesitate to contact us.

Authorized signature _____
Stephen L. Knollmeyer Lab. Director

Date 6/24/2010

This report shall not be reproduced, except in full, without the written consent of Analytics Environmental Laboratory, LLC.

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

CLIENT: Woodard & Curran **REPORT NUMBER: 67031** **REV: Rev. 0**

PROJECT: AMISTAD ACADEMY (Project No: 223019)

Lab Number	Sample Date	Station Location	Analysis	Comments
67031-1	06/21/10	AA-VSS-070	EPA 8082 (PCBs only)	
67031-2	06/21/10	AA-VSS-071	EPA 8082 (PCBs only)	
67031-3	06/21/10	AA-VSS-072	EPA 8082 (PCBs only)	
67031-4	06/21/10	AA-VSS-073	EPA 8082 (PCBs only)	
67031-5	06/21/10	AA-VSS-074	EPA 8082 (PCBs only)	
67031-6	06/21/10	AA-VSS-075	EPA 8082 (PCBs only)	
67031-7	06/21/10	AA-VSS-076	EPA 8082 (PCBs only)	
67031-8	06/21/10	AA-VSS-077	EPA 8082 (PCBs only)	
67031-9	06/21/10	AA-VSS-078	EPA 8082 (PCBs only)	
67031-10	06/21/10	AA-VSS-079	EPA 8082 (PCBs only)	
67031-11	06/21/10	AA-VSS-580	EPA 8082 (PCBs only)	
67031-12	06/21/10	AA-VSS-Q-081	EPA 8082 (PCBs only)	
67031-13	06/21/10	AA-VSS-082	EPA 8082 (PCBs only)	
67031-14	06/21/10	AA-VSS-083	EPA 8082 (PCBs only)	
67031-15	06/21/10	AA-VSS-084	EPA 8082 (PCBs only)	
67031-16	06/21/10	AA-VSS-085	EPA 8082 (PCBs only)	
67031-17	06/21/10	AA-VSS-086	EPA 8082 (PCBs only)	
67031-18	06/21/10	AA-VSS-087	EPA 8082 (PCBs only)	
67031-19	06/21/10	AA-VSS-088	EPA 8082 (PCBs only)	
67031-20	06/21/10	AA-VSS-089	EPA 8082 (PCBs only)	
67031-21	06/21/10	AA-VSS-090	EPA 8082 (PCBs only)	
67031-22	06/21/10	AA-VSS-091	EPA 8082 (PCBs only)	
67031-23	06/21/10	AA-VSS-092	EPA 8082 (PCBs only)	
67031-24	06/21/10	AA-VSS-093	EPA 8082 (PCBs only)	
67031-25	06/21/10	AA-VSS-094	EPA 8082 (PCBs only)	
67031-26	06/21/10	AA-VSS-095	EPA 8082 (PCBs only)	
67031-27	06/21/10	AA-VSS-096	EPA 8082 (PCBs only)	
67031-28	06/21/10	AA-VSS-097	EPA 8082 (PCBs only)	
67031-29	06/21/10	AA-VCC-069	Electronic Data Deliverable	
	06/21/10	AA-VCC-069	EPA 8082 (PCBs only)	

analytics environmental laboratory LLC

Surrogate Compound Limits

Matrix:	Aqueous	Solid	
Units:	% Recovery	% Recovery	Method
Volatile Organic Compounds - Drinking Water			
1,4-Difluorobenzene	70-130		EPA 524.2
Bromofluorobenzene	70-130		
1,2-Dichlorobenzene-d4	70-130		
Volatile Organic Compounds			
1,2-Dichloroethane-d4	70-120	70-120	EPA 624/8260B
Toluene-d8	85-120	85-120	
Bromofluorobenzene	75-120	75-120	
Semi-Volatile Organic Compounds			
2-Fluorophenol	20-110	35-105	EPA 625/8270C
d5-Phenol	15-110	40-100	
d5-nitrobenzene	40-110	35-100	
2-Fluorobiphenyl	50-110	45-105	
2,4,6-Tribromophenol	40-110	40-125	
d14-p-terphenyl	50-130	30-125	
PAH's by SIM			
d5-nitrobenzene	21-110	35-110	EPA 8270C
2-Fluorobiphenyl	36-121	45-105	
d14-p-terphenyl	33-141	30-125	
Pesticides and PCBs			
2,4,5,6-Tetrachloro-m-xylene (TCX)	46-122	40-130	EPA 608/8082
Decachlorobiphenyl (DCB)	40-135	40-130	
Herbicides			
Dichloroacetic acid (DCAA)	30-150	30-150	
Gasoline Range Organics/TPH Gasoline			
Trifluorotoluene TFT (FID)	60-140	60-140	MEDEP 4217/EPA 8015
Bromofluorobenzene (BFB) (FID)	60-140	60-140	
Trifluorotoluene TFT (PID)	60-140	60-140	
Bromofluorobenzene (BFB) (PID)	60-140	60-140	
Diesel Range Organics/TPH Diesel			
m-terphenyl	60-140	60-140	MEDEP 4125/EPA 8015/CT ETPH
Volatile Petroleum Hydrocarbons			
2,5-Dibromotoluene (PID)	70-130	70-130	MADEP VPH May 2004 Rev1.1
2,5-Dibromotoluene (FID)	70-130	70-130	
Extracatable Petroleum Hydrocarbons			
1-chloro-octadecane (aliphatic)	40-140	40-140	MADEP EPH May 2004 Rev1.1
o-Terphenyl (aromatic)	40-140	40-140	
2-Fluorobiphenyl (Fractionation)	40-140	40-140	
2-Bromonaphthalene (fractionation)	40-140	40-140	

PCB
DATA SUMMARIES

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 24, 2010

SAMPLE DATA

Lab Sample ID: B062210PSOX
Matrix: Soil
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date:
Lab Receipt Date:
Extraction Date: 06/22/10
Analysis Date: 06/23/10

CLIENT SAMPLE ID

Project Name: AMISTAD ACADEMY
Project Number: 223019
Field Sample ID: Lab QC

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	102	%
Decachlorobiphenyl	57	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.
Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

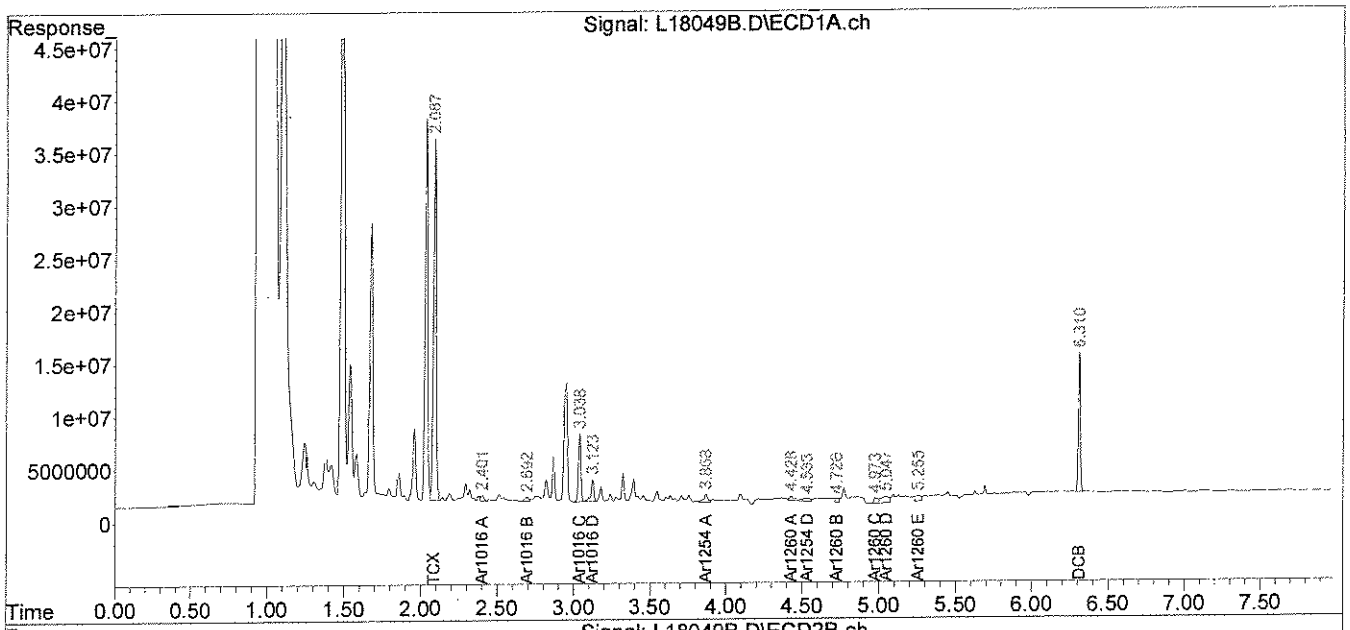
Authorized signature

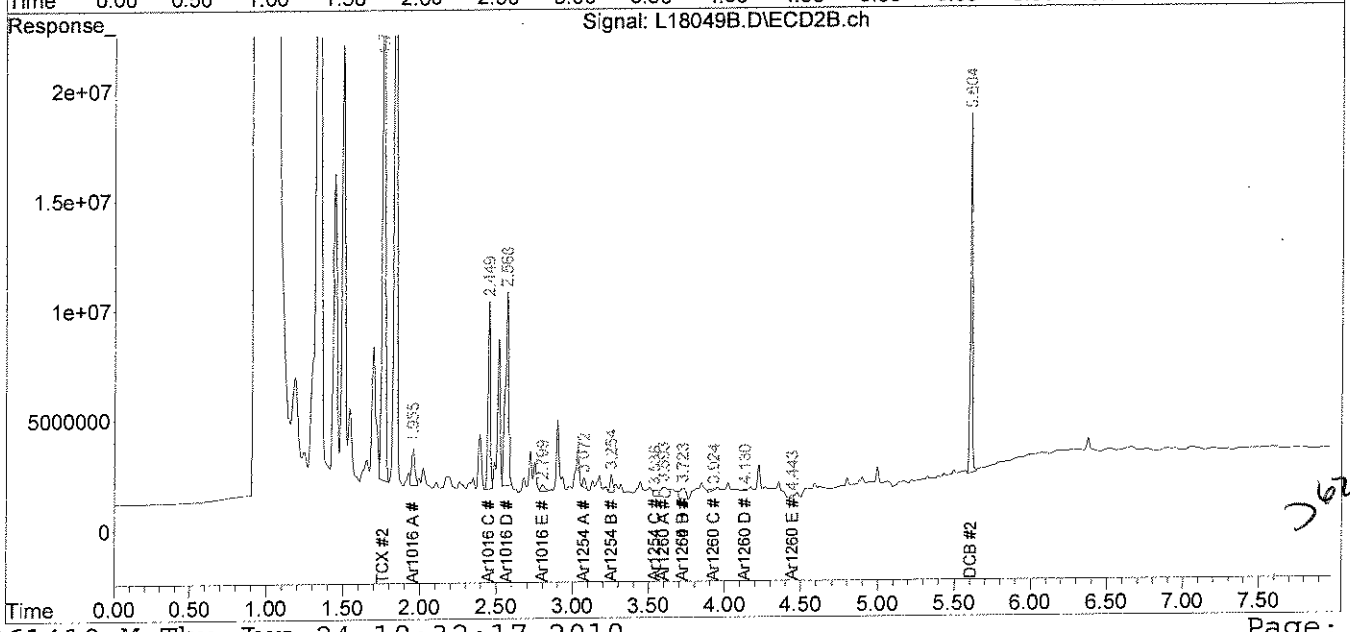
Data Path : C:\msdchem\1\DATA\062310-L\
Data File : L18049B.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jun 10 2:40 pm
Operator : JK
Sample : B062210PSOX,,A/C
Misc : SOIL
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 24 10:32:16 2010
Quant Method : C:\msdchem\1\METHODS\PCB061410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 15 19:47:33 2010
Response via : Initial Calibration
Integrator: ChemStation

JR 06.24.10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





062410

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 24, 2010

SAMPLE DATA

Lab Sample ID: B062210PSOX RR
Matrix: Soil
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date:
Lab Receipt Date:
Extraction Date: 06/22/10
Analysis Date: 06/23/10

CLIENT SAMPLE ID

Project Name: AMISTAD ACADEMY
Project Number: 223019
Field Sample ID: Lab QC

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	106	%
Decachlorobiphenyl	61	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

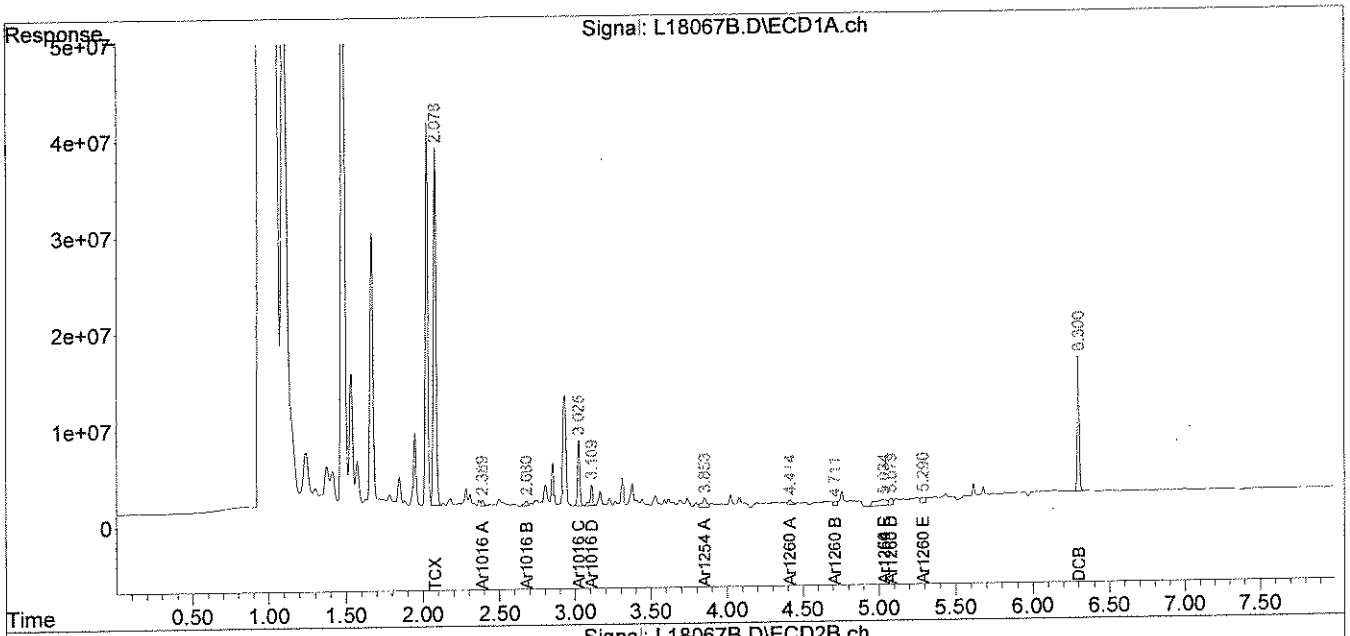
Authorized signature

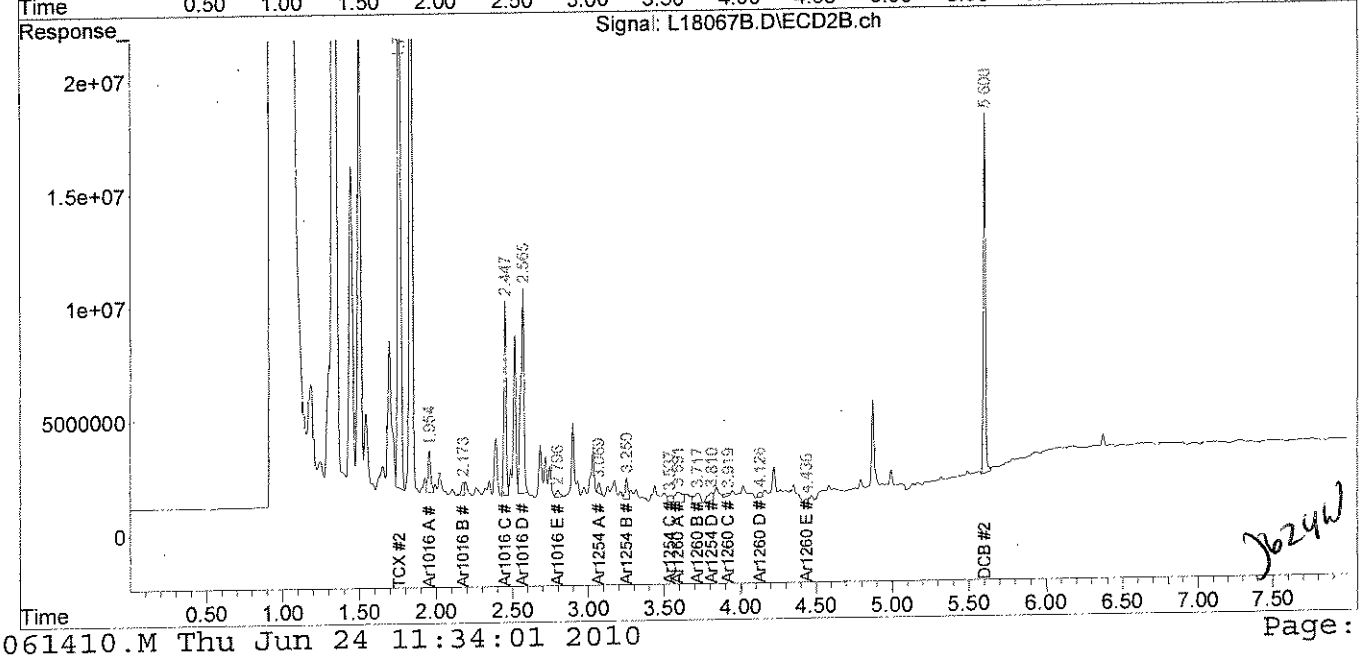
Data Path : C:\msdchem\1\DATA\062310-L\
Data File : L18067B.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jun 10 5:47 pm
Operator : JK
Sample : B062210PSOX,RR,,A/C
Misc : SOIL
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 24 11:34:01 2010
Quant Method : C:\msdchem\1\METHODS\PCB061410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 15 19:47:33 2010
Response via : Initial Calibration
Integrator: ChemStation

JL 06.24.10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





6.24.10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 24, 2010

SAMPLE DATA

Lab Sample ID: B062210PSOX2
Matrix: Soil
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date:
Lab Receipt Date:
Extraction Date: 06/22/10
Analysis Date: 06/23/10

CLIENT SAMPLE ID

Project Name: AMISTAD ACADEMY
Project Number: 223019
Field Sample ID: Lab QC

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	99	%
Decachlorobiphenyl	63	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.
Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

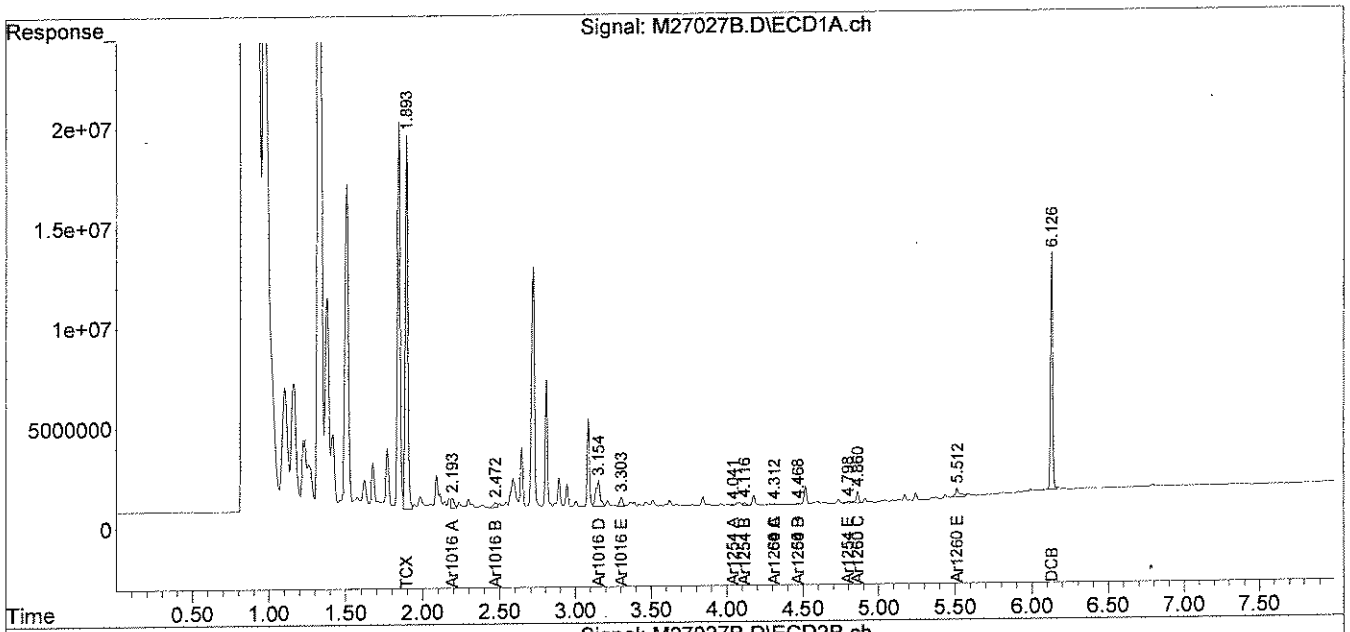
Authorized signature

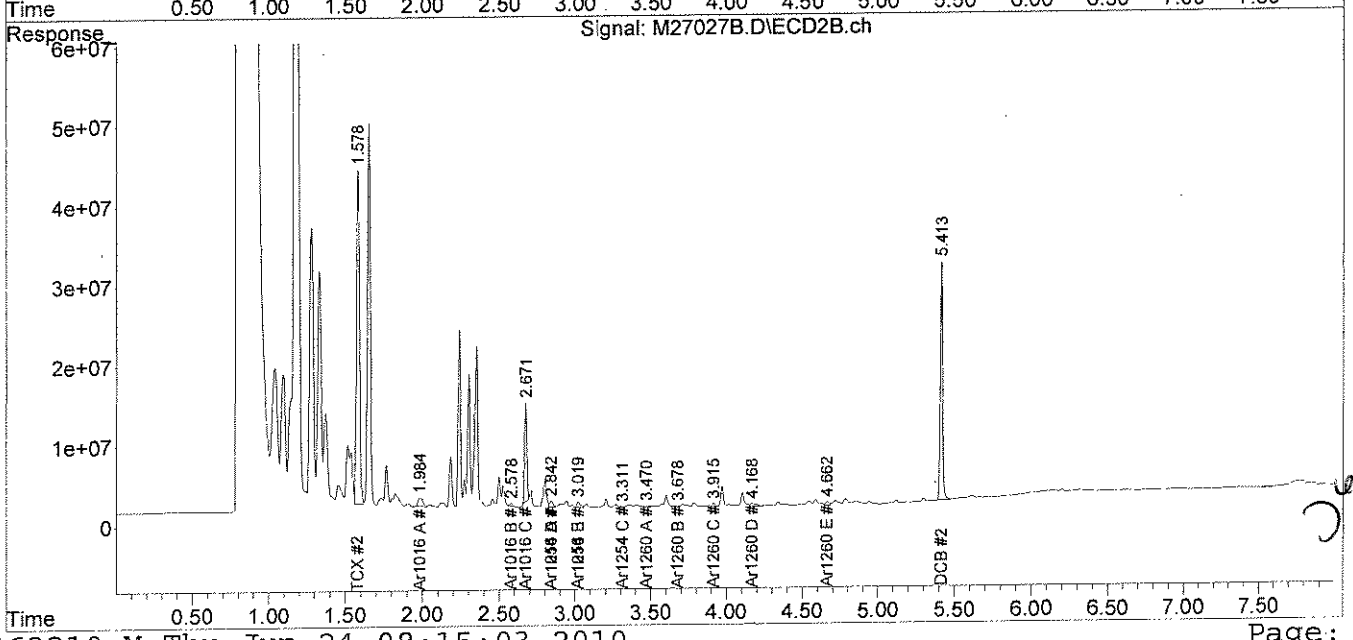
Data Path : C:\msdchem\1\DATA\062310-M\
Data File : M27027B.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jun 2010 4:20 pm
Operator : JK
Sample : B062210PSOX2,,A/C
Misc : SOIL
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 24 08:14:51 2010
Quant Method : C:\msdchem\1\METHODS\PCB062210.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 22 14:51:48 2010
Response via : Initial Calibration
Integrator: ChemStation

JL
06.24.10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





JL 6.24.10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 24, 2010

SAMPLE DATA

Lab Sample ID: B062310PW
Matrix: Aqueous
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date:
Lab Receipt Date:
Extraction Date: 06/23/10
Analysis Date: 06/23/10

CLIENT SAMPLE ID

Project Name: AMISTAD ACADEMY
Project Number: 223019
Field Sample ID: Lab QC

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/L	Results µg/L
PCB-1016	0.2	U
PCB-1221	0.2	U
PCB-1232	0.2	U
PCB-1242	0.2	U
PCB-1248	0.2	U
PCB-1254	0.2	U
PCB-1260	0.2	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	89	%
Decachlorobiphenyl	45	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS:

PCB Report

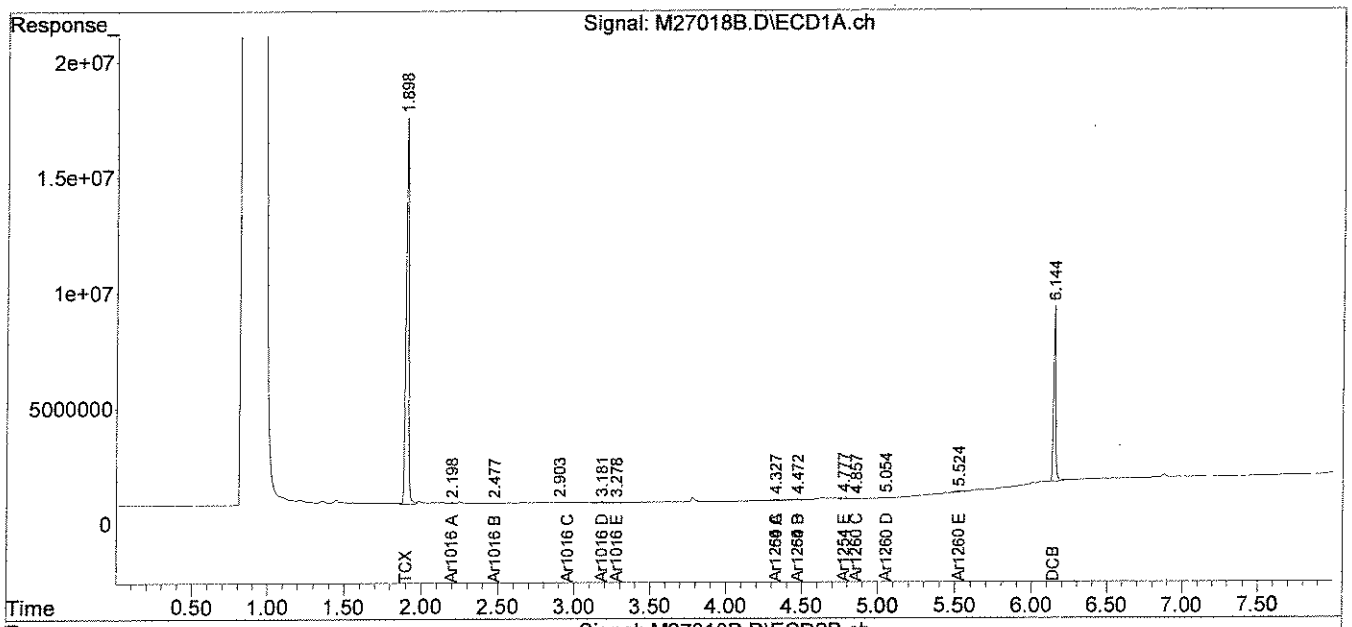
Authorized signature

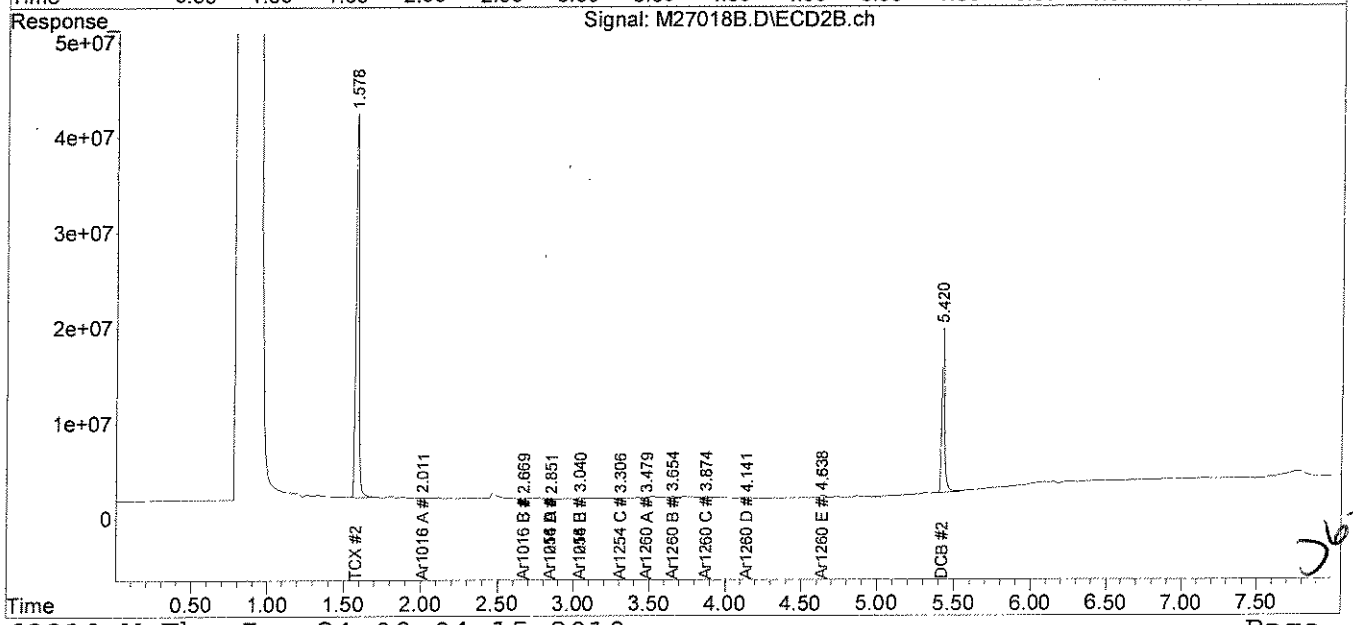
Data Path : C:\msdchem\1\DATA\062310-M\
Data File : M27018B.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jun 2010 2:10 pm
Operator : JK
Sample : B062310PW
Misc :
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 24 08:03:48 2010
Quant Method : C:\msdchem\1\METHODS\PCB062210.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 22 14:51:48 2010
Response via : Initial Calibration
Integrator: ChemStation

06-24-10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





06-24-10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 29, 2010

SAMPLE DATA

Lab Sample ID: B062410PSOX
Matrix: Soil
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date:
Lab Receipt Date:
Extraction Date: 06/24/10
Analysis Date: 06/28/10

CLIENT SAMPLE ID

Project Name: AMISTAD ACADEMY
Project Number: 223019
Field Sample ID: Lab QC

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	106	%
Decachlorobiphenyl	66	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis. The closing continuing calibration standard had low recoverfor Decachlorobiphenyl. The analytical window was reanalyzed with similar results.

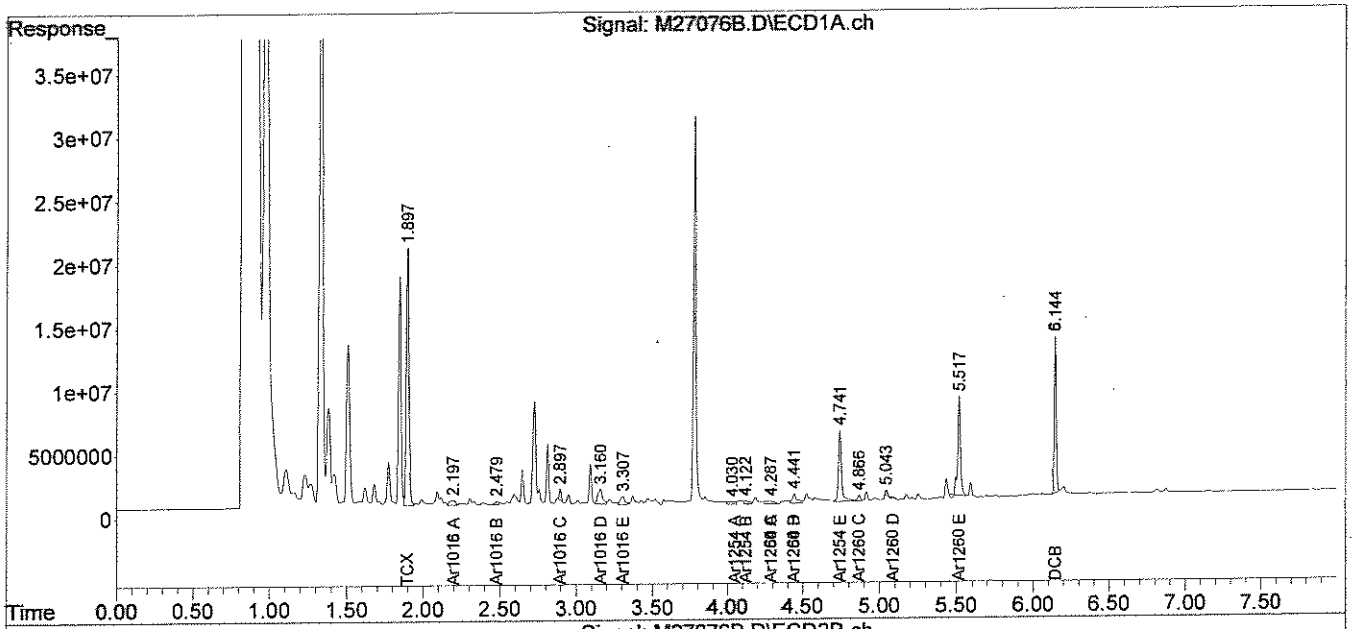
PCB Report

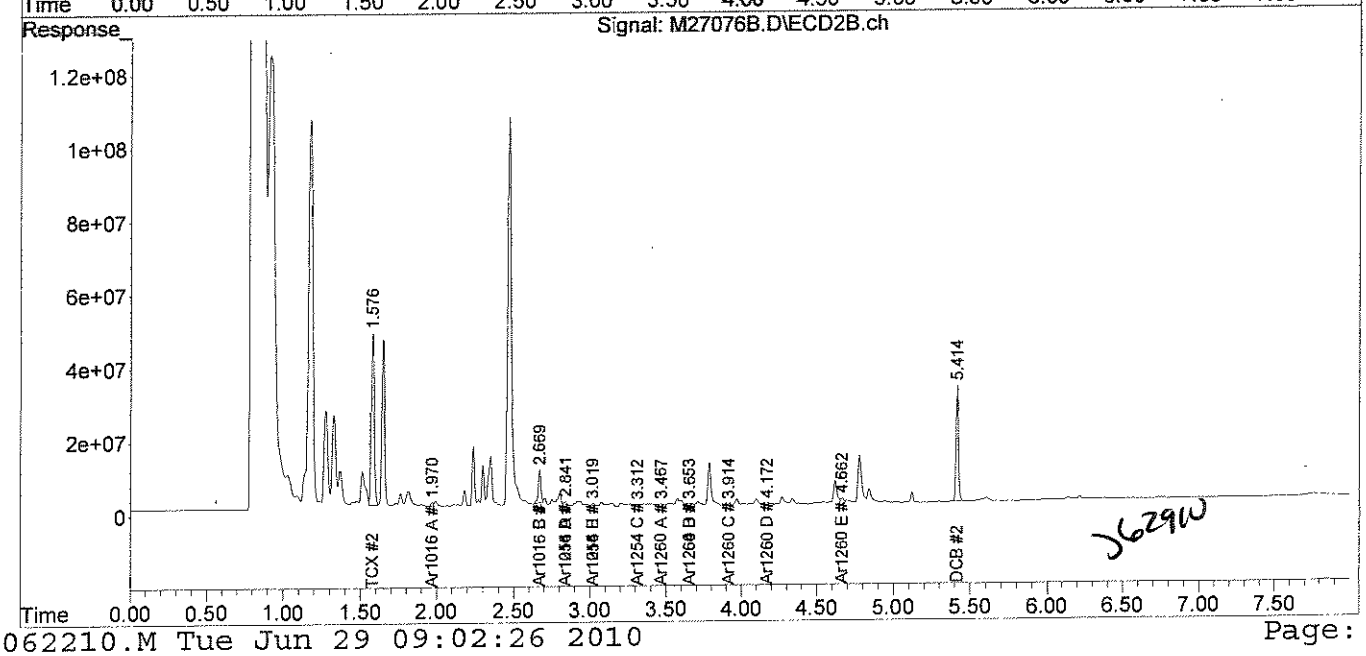
Authorized signature

Data Path : C:\msdchem\1\DATA\062810-M\
Data File : M27076B.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jun 2010 1:20 pm
Operator : JK
Sample : B062410PSOX,,A/C
Misc : SOIL
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 29 09:02:16 2010
Quant Method : C:\msdchem\1\METHODS\PCB062210.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 22 14:51:48 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





J6291W

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 24, 2010

SAMPLE DATA

Lab Sample ID: 67031-1
Matrix: Solid
Percent Solid: 93
Dilution Factor: 1.0
Collection Date: 06/21/10
Lab Receipt Date: 06/22/10
Extraction Date: 06/22/10
Analysis Date: 06/23/10

CLIENT SAMPLE ID

Project Name: AMISTAD ACADEMY
Project Number: 223019
Field Sample ID: AA-VSS-070

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	102	%
Decachlorobiphenyl	58	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.
Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

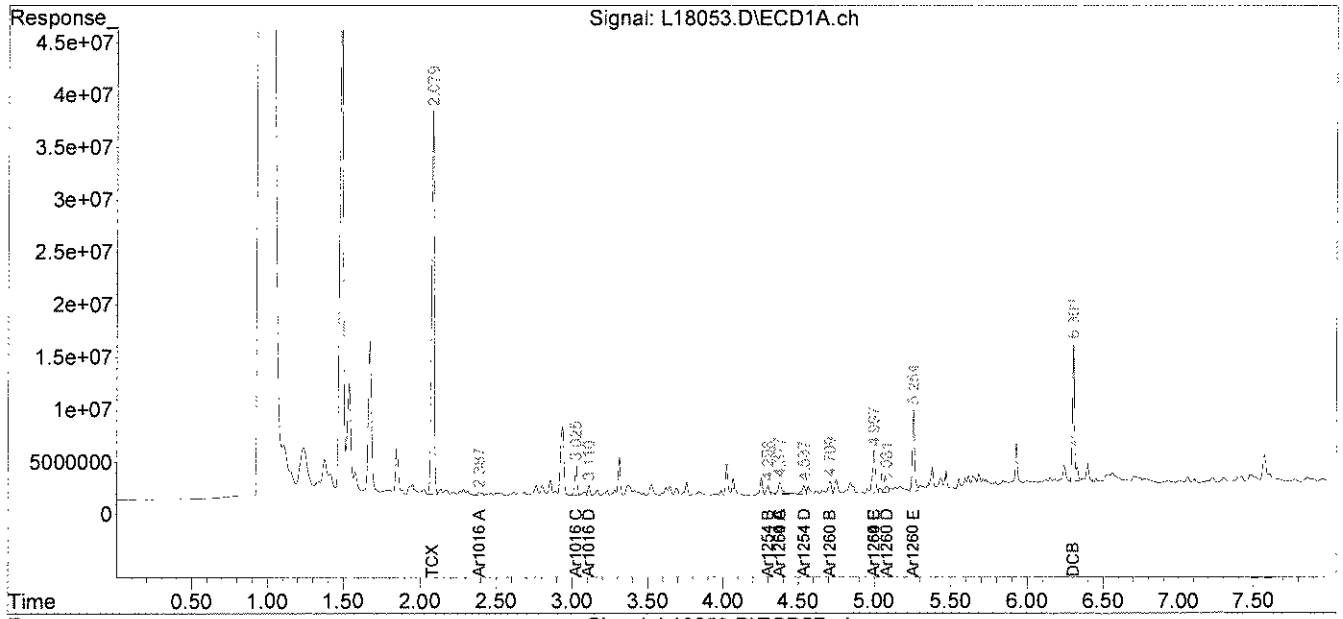
Quantitation Report (Not Reviewed)

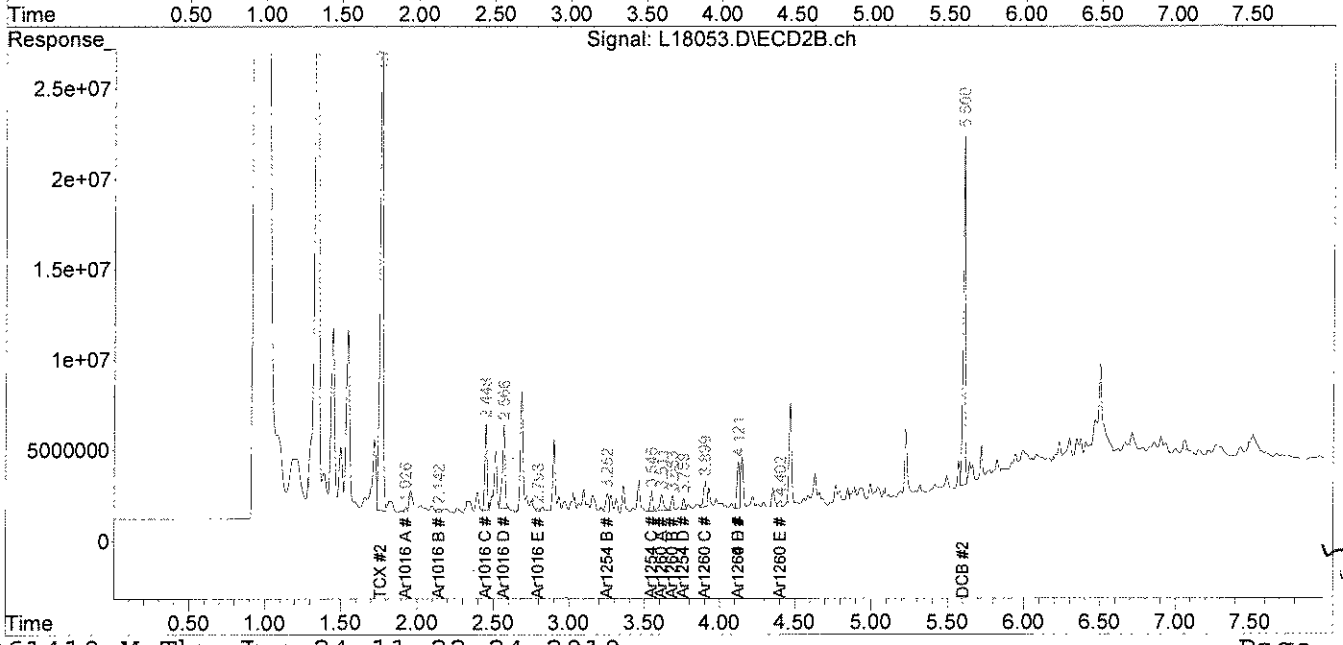
Data Path : C:\msdchem\1\DATA\062310-L\
Data File : L18053.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jun 10 3:22 pm
Operator : JK
Sample : 67031-1,,A/C ~~(Sig #1); 67031-1,MS,,A/C (Sig #2)~~
Misc : SOIL
ALS Vial : 15 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 24 11:22:24 2010
Quant Method : C:\msdchem\1\METHODS\PCB061410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 15 19:47:33 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um

06.24.10





5624W

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 24, 2010

SAMPLE DATA

Lab Sample ID:	67031-2
Matrix:	Solid
Percent Solid:	93
Dilution Factor:	1.1
Collection Date:	06/21/10
Lab Receipt Date:	06/22/10
Extraction Date:	06/22/10
Analysis Date:	06/23/10

CLIENT SAMPLE ID

Project Name:	AMISTAD ACADEMY
Project Number:	223019
Field Sample ID:	AA-VSS-071

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	36	U
PCB-1221	36	U
PCB-1232	36	U
PCB-1242	36	U
PCB-1248	36	U
PCB-1254	36	U
PCB-1260	36	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	102	%
Decachlorobiphenyl	54	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

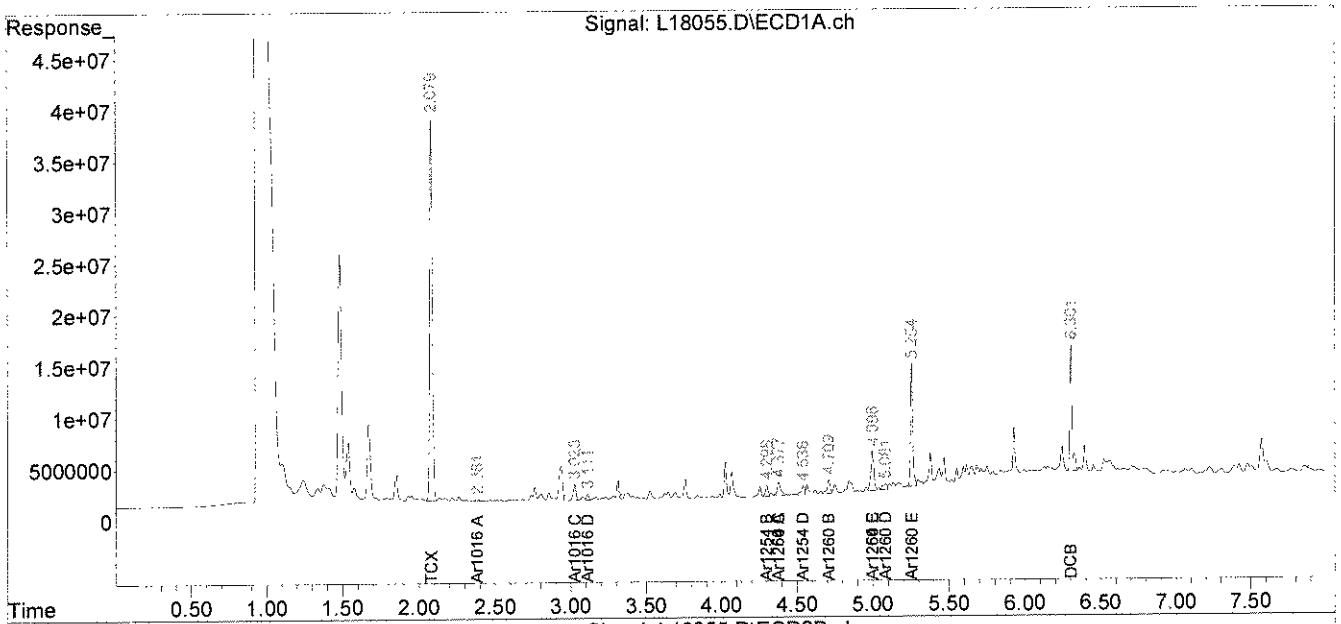
Authorized signature

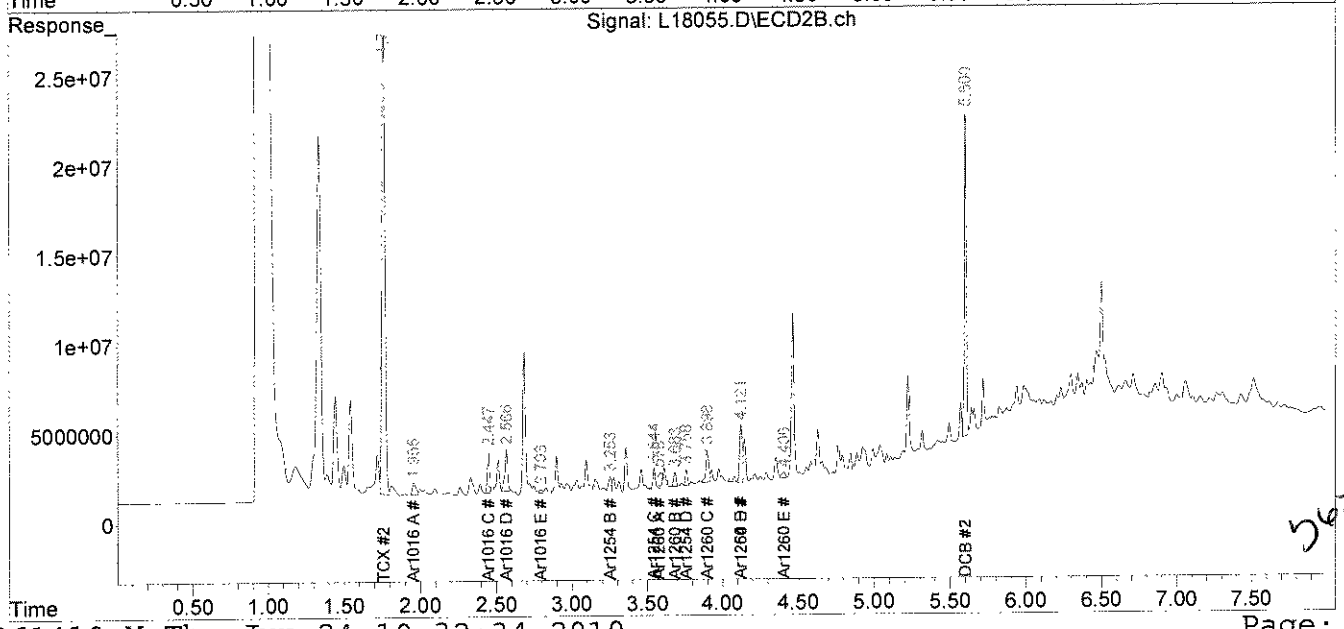
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\062310-L\
Data File : L18055.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jun 10 3:42 pm
Operator : JK
Sample : 67031-2,,A/C
Misc : SOIL
ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 24 10:32:34 2010
Quant Method : C:\msdchem\1\METHODS\PCB061410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 15 19:47:33 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 24, 2010

SAMPLE DATA

Lab Sample ID:	67031-3
Matrix:	Solid
Percent Solid:	95
Dilution Factor:	1.0
Collection Date:	06/21/10
Lab Receipt Date:	06/22/10
Extraction Date:	06/22/10
Analysis Date:	06/23/10

CLIENT SAMPLE ID

Project Name:	AMISTAD ACADEMY
Project Number:	223019
Field Sample ID:	AA-VSS-072

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	99	%
Decachlorobiphenyl	55	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

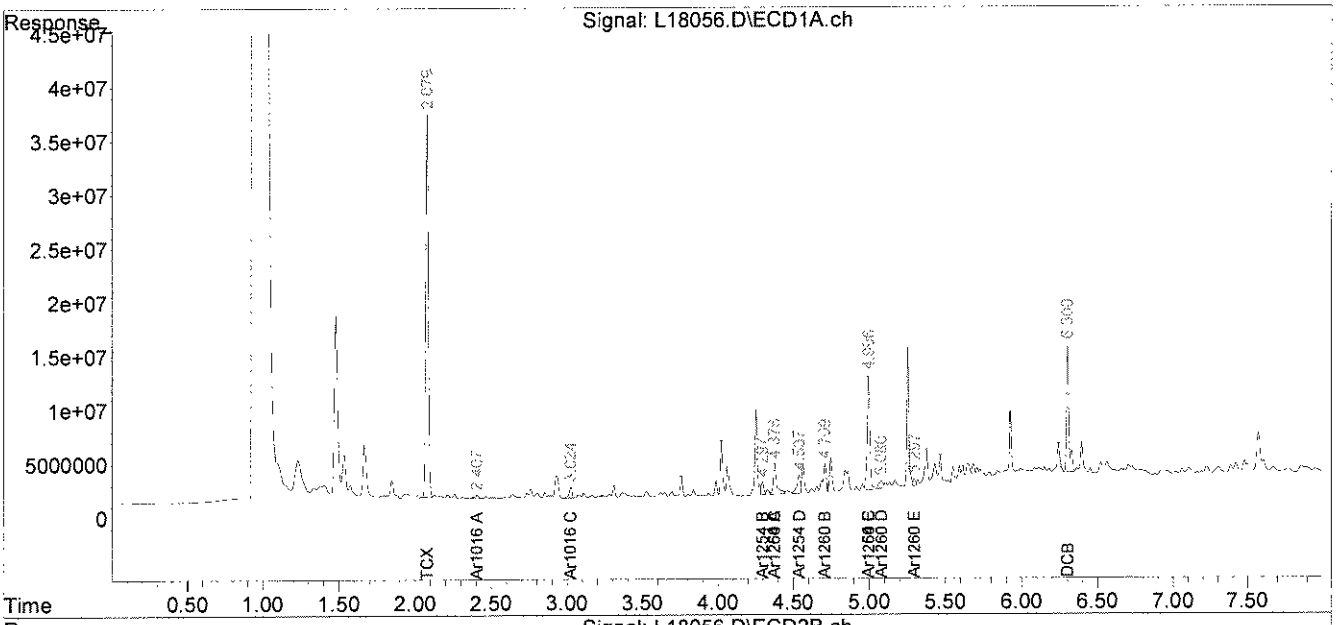
Quantitation Report (Not Reviewed)

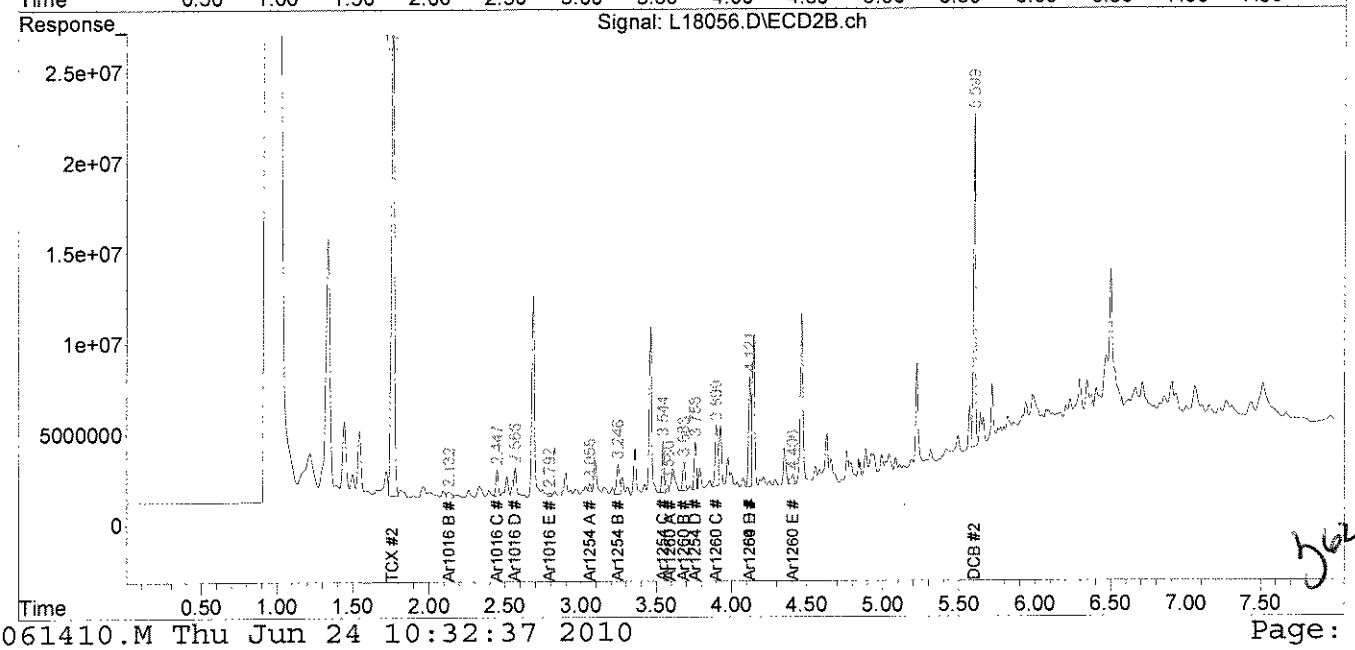
Data Path : C:\msdchem\1\DATA\062310-L\
Data File : L18056.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jun 10 3:53 pm
Operator : JK
Sample : 67031-3,,A/C
Misc : SOIL
ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 24 10:32:37 2010
Quant Method : C:\msdchem\1\METHODS\PCB061410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 15 19:47:33 2010
Response via : Initial Calibration
Integrator: ChemStation

JR 06-24-10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





JR 06-24-10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 24, 2010

SAMPLE DATA

Lab Sample ID:	67031-4
Matrix:	Solid
Percent Solid:	97
Dilution Factor:	1.0
Collection Date:	06/21/10
Lab Receipt Date:	06/22/10
Extraction Date:	06/22/10
Analysis Date:	06/23/10

CLIENT SAMPLE ID

Project Name:	AMISTAD ACADEMY
Project Number:	223019
Field Sample ID:	AA-VSS-073

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	**115**
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	95	%
Decachlorobiphenyl	55	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67031
Sample: 67031-4,,A/C
Data File: L18057.D
Dilution Factor: 1.0

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	108	115	6.1	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

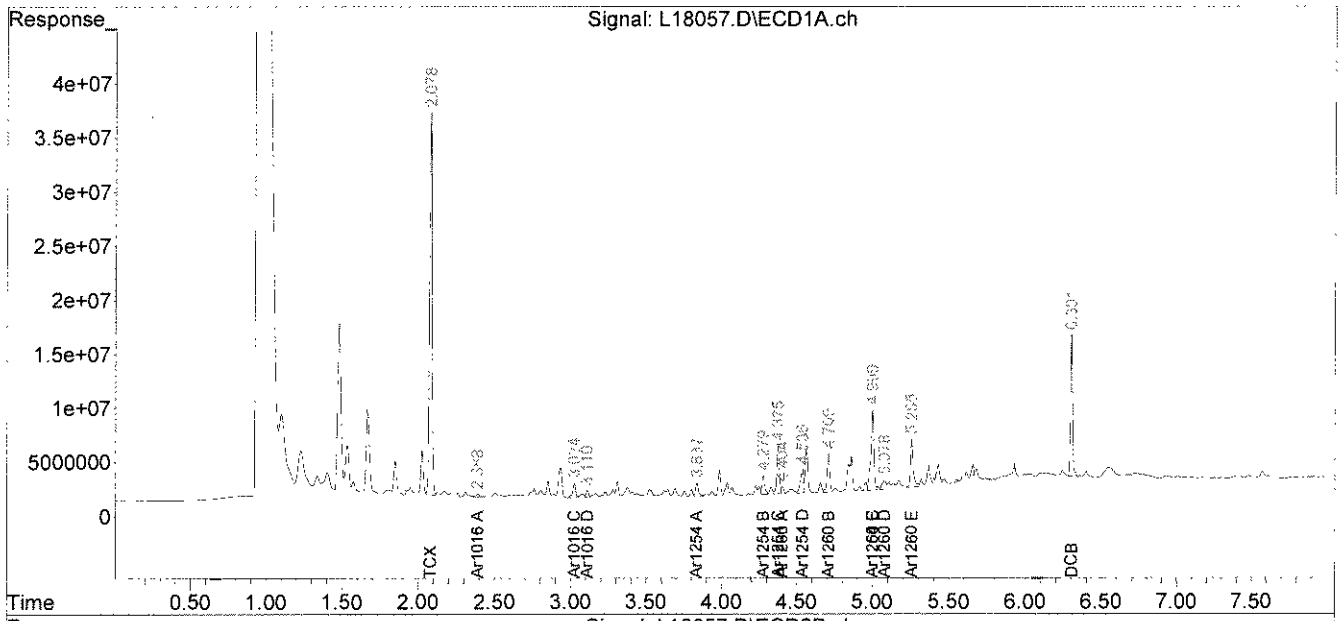
PCB FORM 10

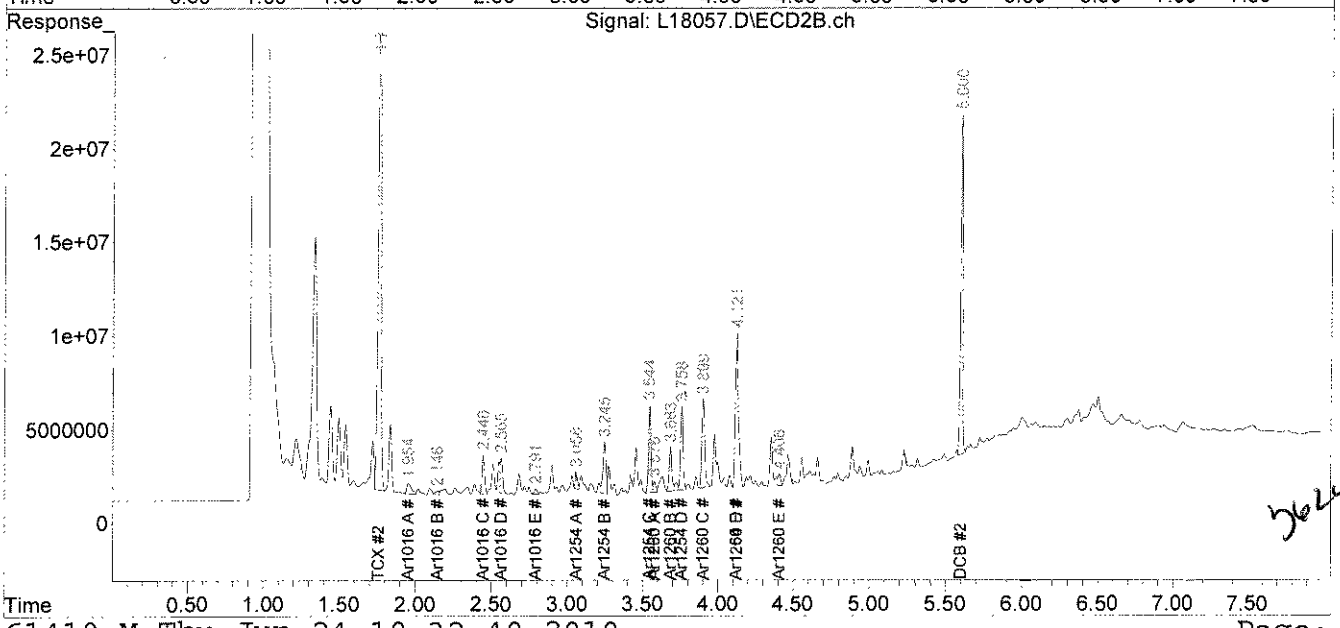
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\062310-L\
Data File : L18057.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jun 10 4:03 pm
Operator : JK
Sample : 67031-4,,A/C
Misc : SOIL
ALS Vial : 19 Sample Multiplier: 1

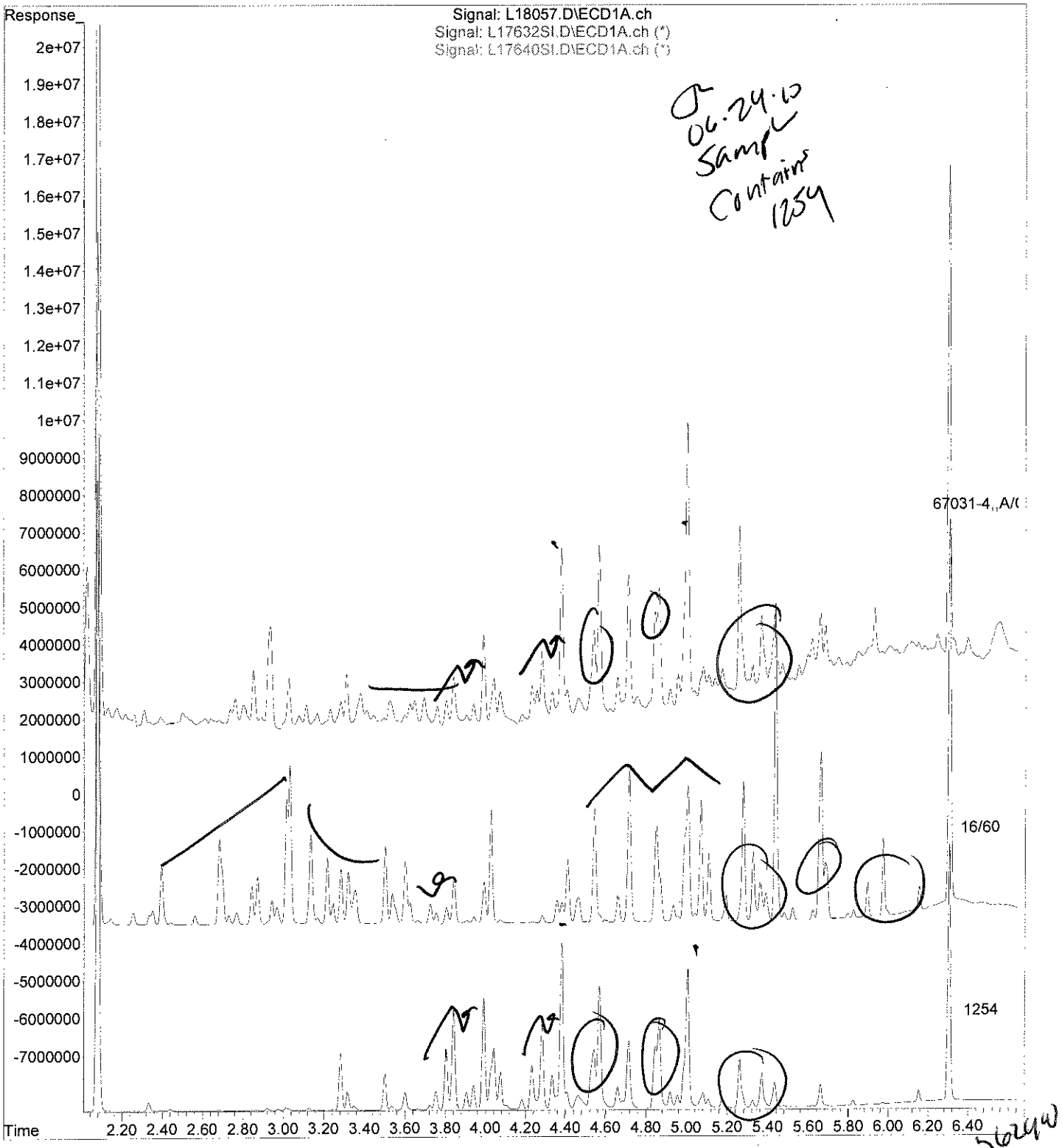
Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 24 10:32:40 2010
Quant Method : C:\msdchem\1\METHODS\PCB061410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 15 19:47:33 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





File :C:\msdchem\1\DATA\062310-L\L18057.D
Operator : JK
Acquired : 23 Jun 10 4:03 pm using AcqMethod PEST.M
Instrument : Inst L
Sample Name: 67031-4,,A/C
Misc Info : SOIL
Vial Number: 19



analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 24, 2010

SAMPLE DATA

Lab Sample ID:	67031-5
Matrix:	Solid
Percent Solid:	94
Dilution Factor:	1.0
Collection Date:	06/21/10
Lab Receipt Date:	06/22/10
Extraction Date:	06/22/10
Analysis Date:	06/23/10

CLIENT SAMPLE ID

Project Name:	AMISTAD ACADEMY
Project Number:	223019
Field Sample ID:	AA-VSS-074

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	99	%
Decachlorobiphenyl	54	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

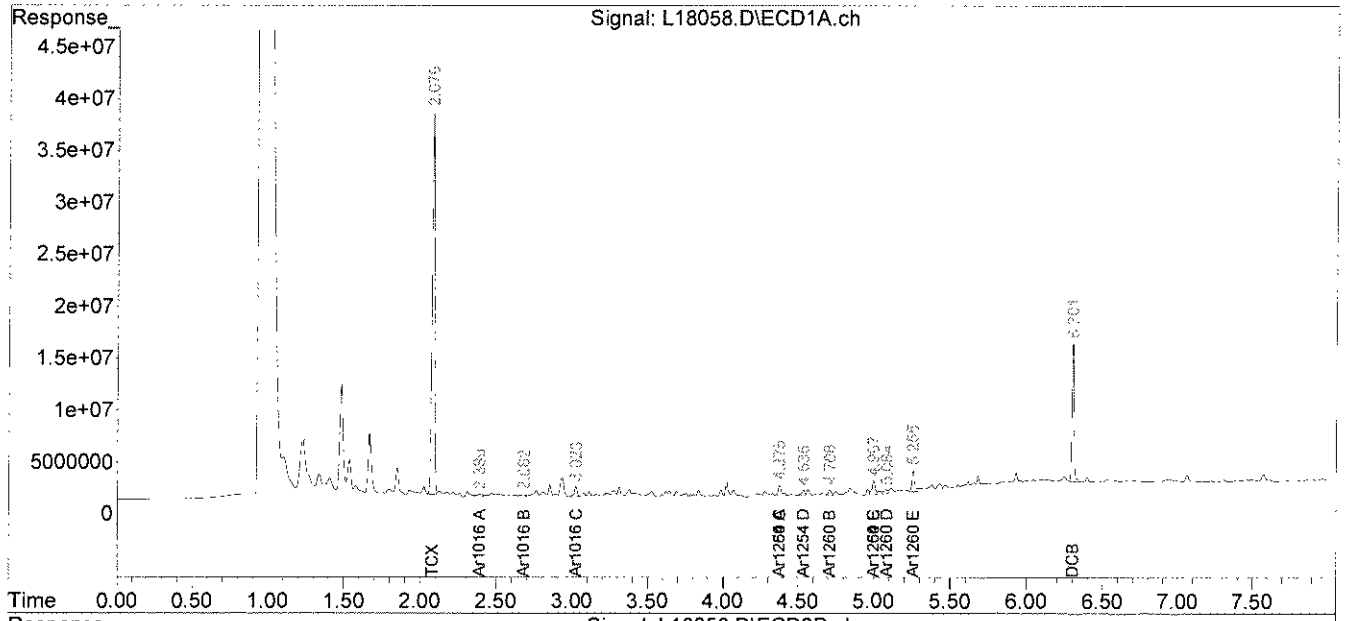
Quantitation Report (Not Reviewed)

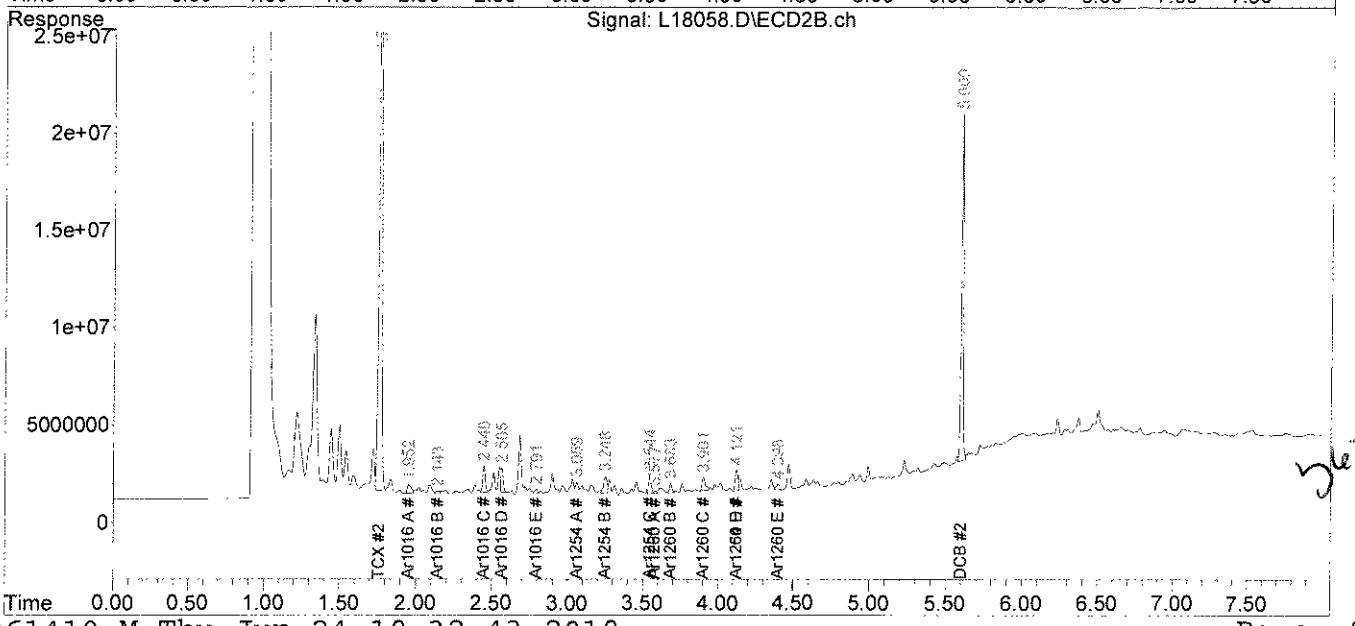
Data Path : C:\msdchem\1\DATA\062310-L\
Data File : L18058.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jun 10 4:13 pm
Operator : JK
Sample : 67031-5,,A/C
Misc : SOIL
ALS Vial : 20 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 24 10:32:43 2010
Quant Method : C:\msdchem\1\METHODS\PCB061410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 15 19:47:33 2010
Response via : Initial Calibration
Integrator: ChemStation

JR 06.24.10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





JR 6.24.10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 24, 2010

SAMPLE DATA

Lab Sample ID:	67031-6
Matrix:	Solid
Percent Solid:	96
Dilution Factor:	1.0
Collection Date:	06/21/10
Lab Receipt Date:	06/22/10
Extraction Date:	06/22/10
Analysis Date:	06/23/10

CLIENT SAMPLE ID

Project Name:	AMISTAD ACADEMY
Project Number:	223019
Field Sample ID:	AA-VSS-075

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	100	%
Decachlorobiphenyl	53	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

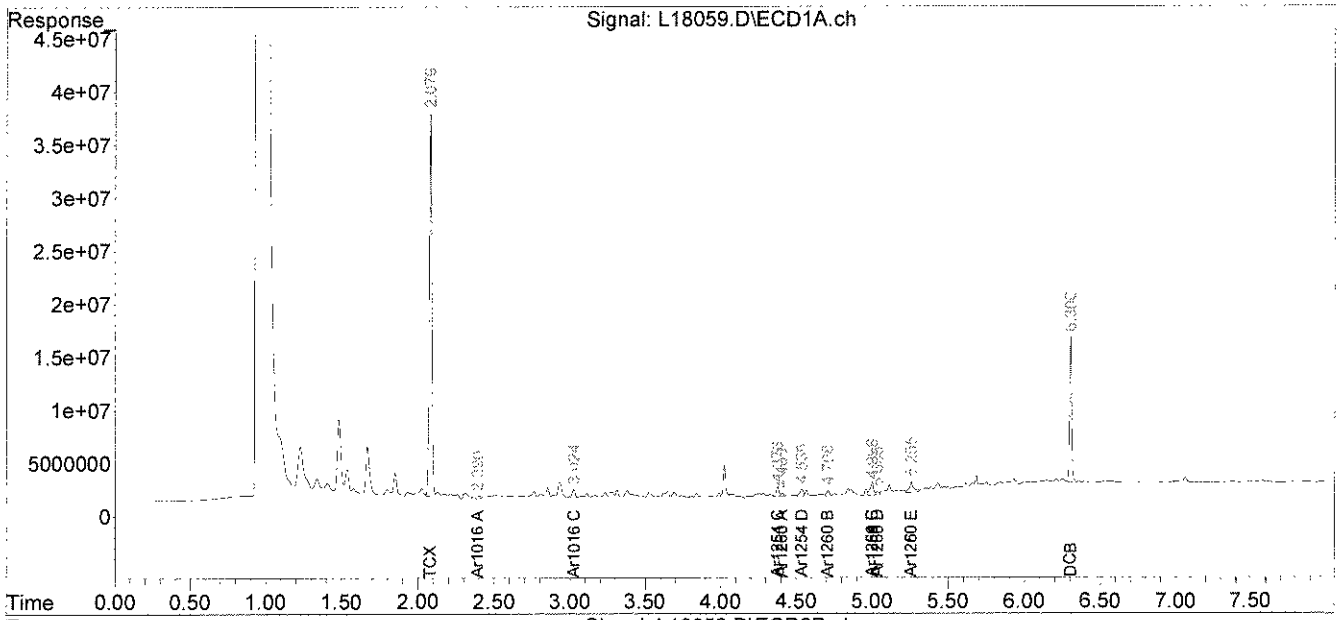
Authorized signature

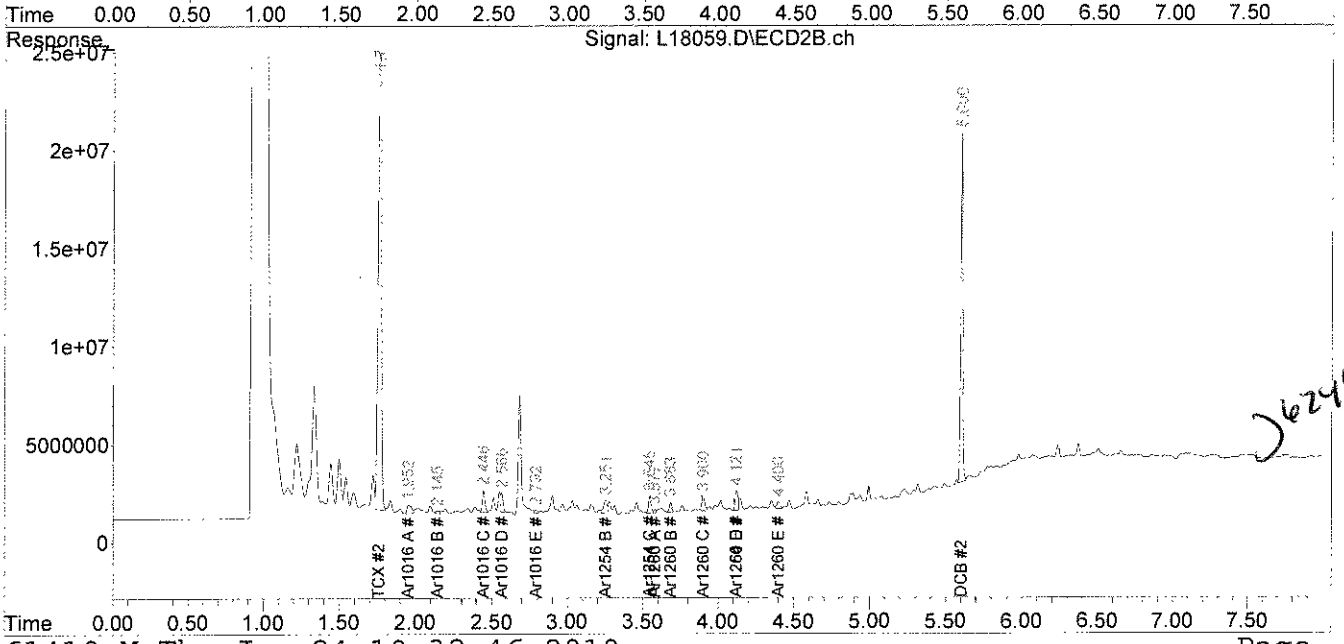
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\062310-L\
Data File : L18059.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jun 10 4:24 pm
Operator : JK
Sample : 67031-6,,A/C
Misc : SOIL
ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 24 10:32:46 2010
Quant Method : C:\msdchem\1\METHODS\PCB061410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 15 19:47:33 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 24, 2010

SAMPLE DATA

Lab Sample ID:	67031-7
Matrix:	Solid
Percent Solid:	95
Dilution Factor:	1.0
Collection Date:	06/21/10
Lab Receipt Date:	06/22/10
Extraction Date:	06/22/10
Analysis Date:	06/23/10

CLIENT SAMPLE ID

Project Name:	AMISTAD ACADEMY
Project Number:	223019
Field Sample ID:	AA-VSS-076

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	**462**
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	98	%
Decachlorobiphenyl	54	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67031
Sample: 67031-7,,A/C
Data File: L18060.D
Dilution Factor: 1.0

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	462	403	13.7	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

PCB FORM 10

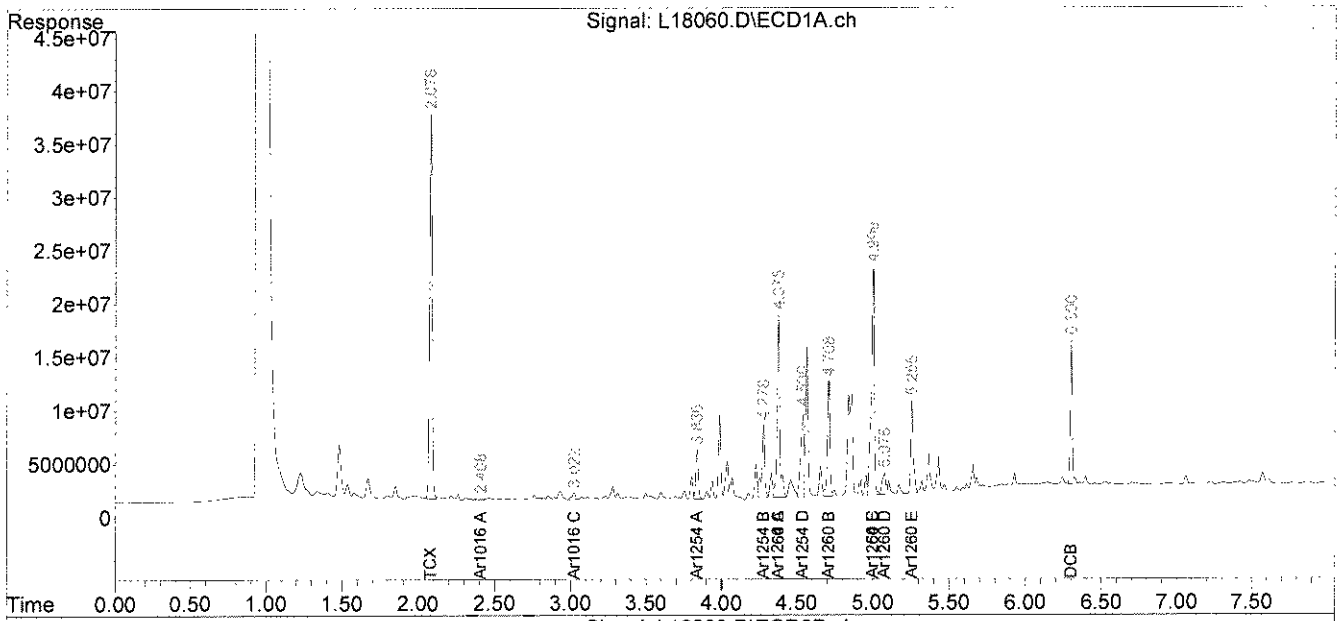
Quantitation Report (Not Reviewed)

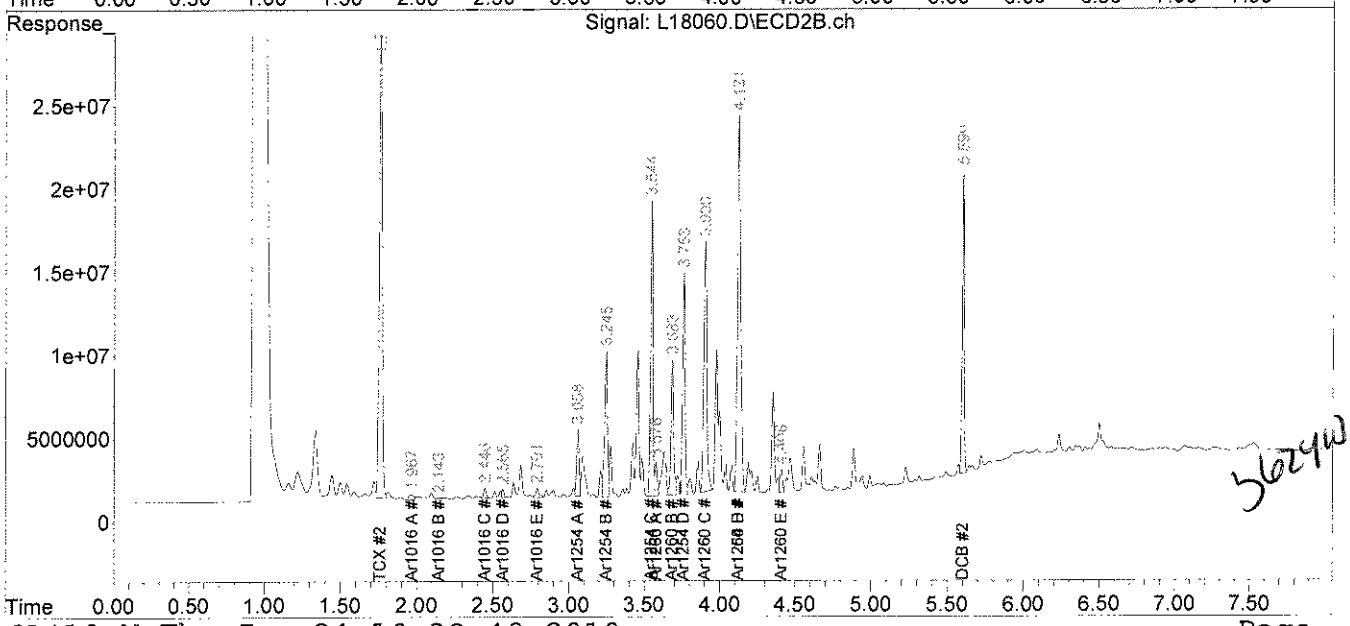
Data Path : C:\msdchem\1\DATA\062310-L\
Data File : L18060.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jun 10 4:34 pm
Operator : JK
Sample : 67031-7,,A/C
Misc : SOIL
ALS Vial : 22 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 24 10:32:49 2010
Quant Method : C:\msdchem\1\METHODS\PCB061410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 15 19:47:33 2010
Response via : Initial Calibration
Integrator: ChemStation

JL 06-24-10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





362940

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 24, 2010

SAMPLE DATA

Lab Sample ID: 67031-8
Matrix: Solid
Percent Solid: 95
Dilution Factor: 1.0
Collection Date: 06/21/10
Lab Receipt Date: 06/22/10
Extraction Date: 06/22/10
Analysis Date: 06/23/10

CLIENT SAMPLE ID

Project Name: AMISTAD ACADEMY
Project Number: 223019
Field Sample ID: AA-VSS-077

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	**618**
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	100	%
Decachlorobiphenyl	56	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67031
Sample: 67031-8,,A/C
Data File: L18061.D
Dilution Factor: 1.0

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	618	508	19.6	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

PCB FORM 10

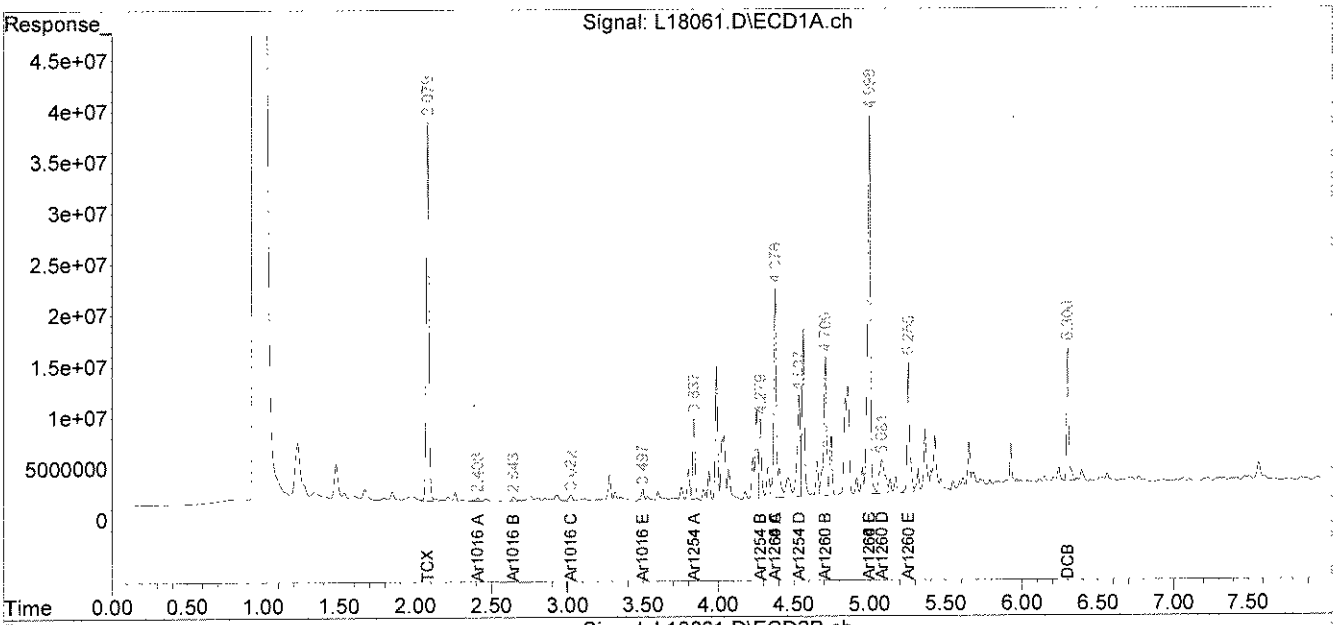
Quantitation Report (Not Reviewed)

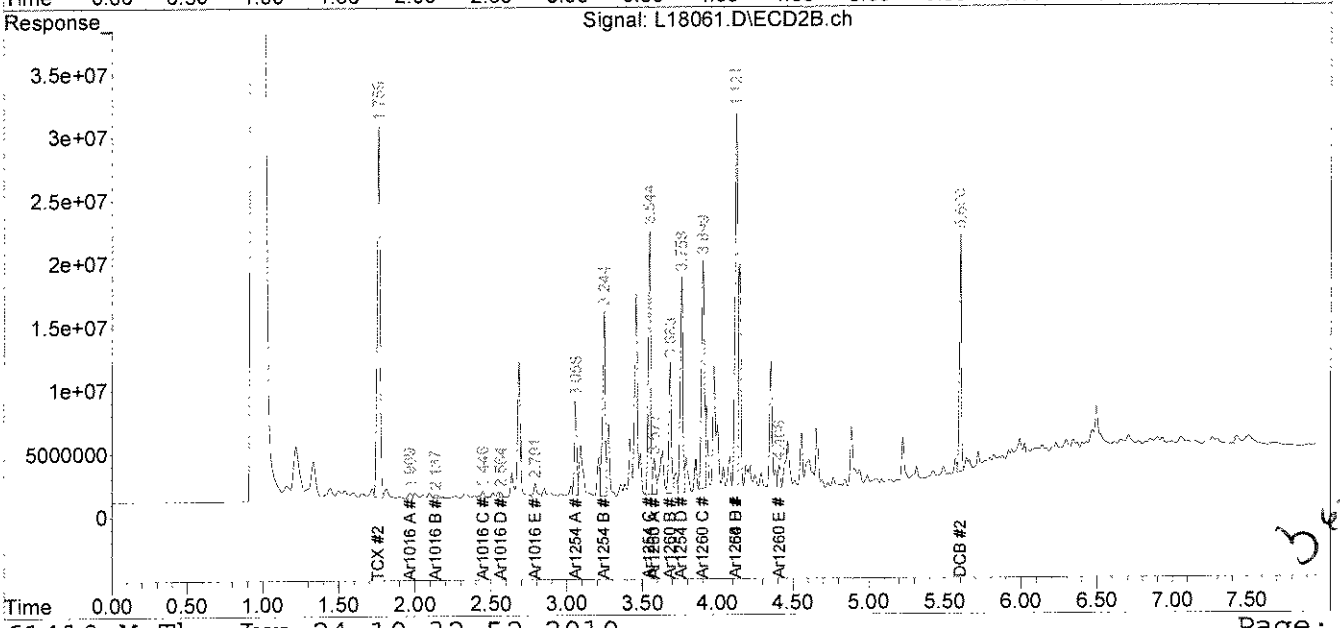
Data Path : C:\msdchem\1\DATA\062310-L\
Data File : L18061.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jun 10 4:44 pm
Operator : JK
Sample : 67031-8,,A/C
Misc : SOIL
ALS Vial : 23 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 24 10:32:52 2010
Quant Method : C:\msdchem\1\METHODS\PCB061410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 15 19:47:33 2010
Response via : Initial Calibration
Integrator: ChemStation

JR 06-24-10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





3-24-10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 24, 2010

SAMPLE DATA

Lab Sample ID:	67031-9
Matrix:	Solid
Percent Solid:	96
Dilution Factor:	1.0
Collection Date:	06/21/10
Lab Receipt Date:	06/22/10
Extraction Date:	06/22/10
Analysis Date:	06/23/10

CLIENT SAMPLE ID

Project Name:	AMISTAD ACADEMY
Project Number:	223019
Field Sample ID:	AA-VSS-078

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	102	%
Decachlorobiphenyl	57	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

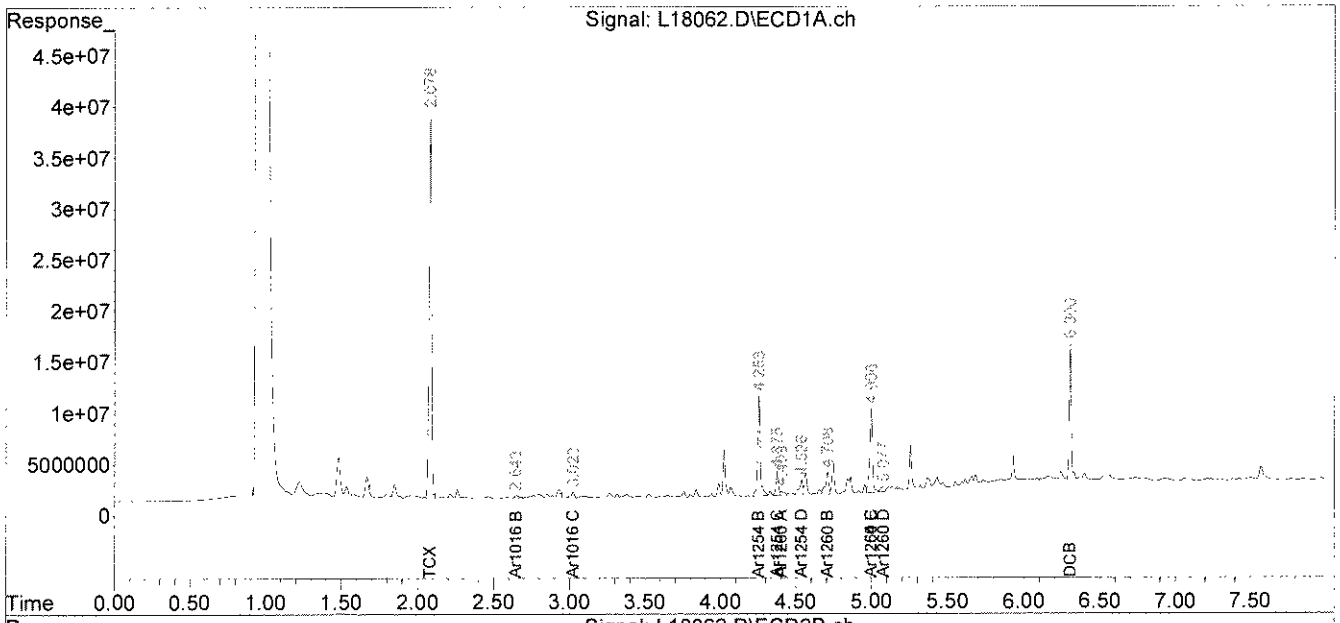
Quantitation Report (Not Reviewed)

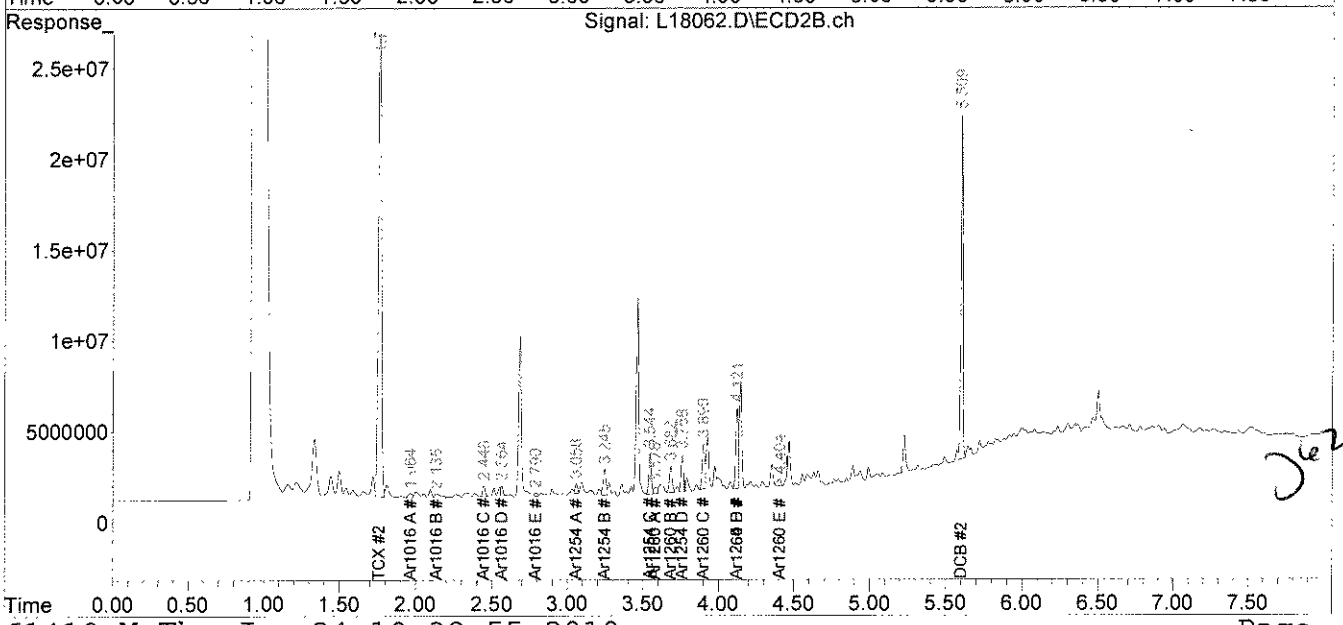
Data Path : C:\msdchem\1\DATA\062310-L\
Data File : L18062.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jun 10 4:55 pm
Operator : JK
Sample : 67031-9,,A/C
Misc : SOIL
ALS Vial : 24 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 24 10:32:55 2010
Quant Method : C:\msdchem\1\METHODS\PCB061410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 15 19:47:33 2010
Response via : Initial Calibration
Integrator: ChemStation

JR 06.24.10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





JR 6.24.10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 24, 2010

SAMPLE DATA

Lab Sample ID:	67031-10
Matrix:	Solid
Percent Solid:	95
Dilution Factor:	1.0
Collection Date:	06/21/10
Lab Receipt Date:	06/22/10
Extraction Date:	06/22/10
Analysis Date:	06/23/10

CLIENT SAMPLE ID

Project Name:	AMISTAD ACADEMY
Project Number:	223019
Field Sample ID:	AA-VSS-079

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	97	%
Decachlorobiphenyl	57	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

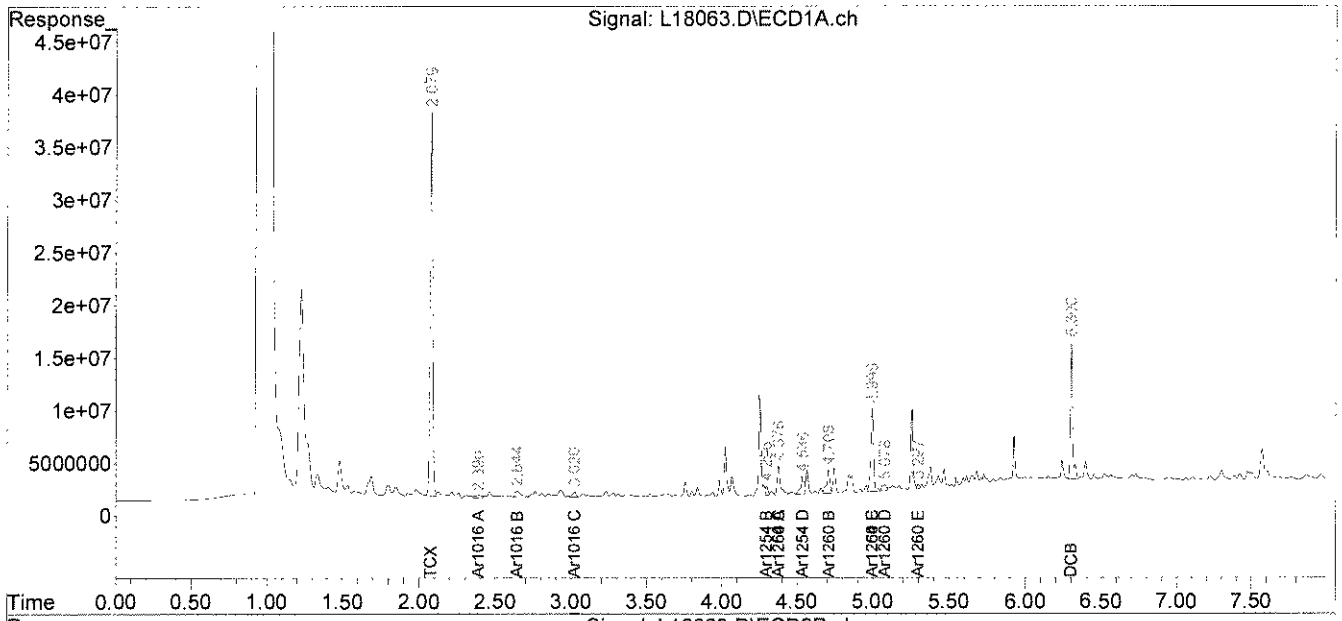
Quantitation Report (Not Reviewed)

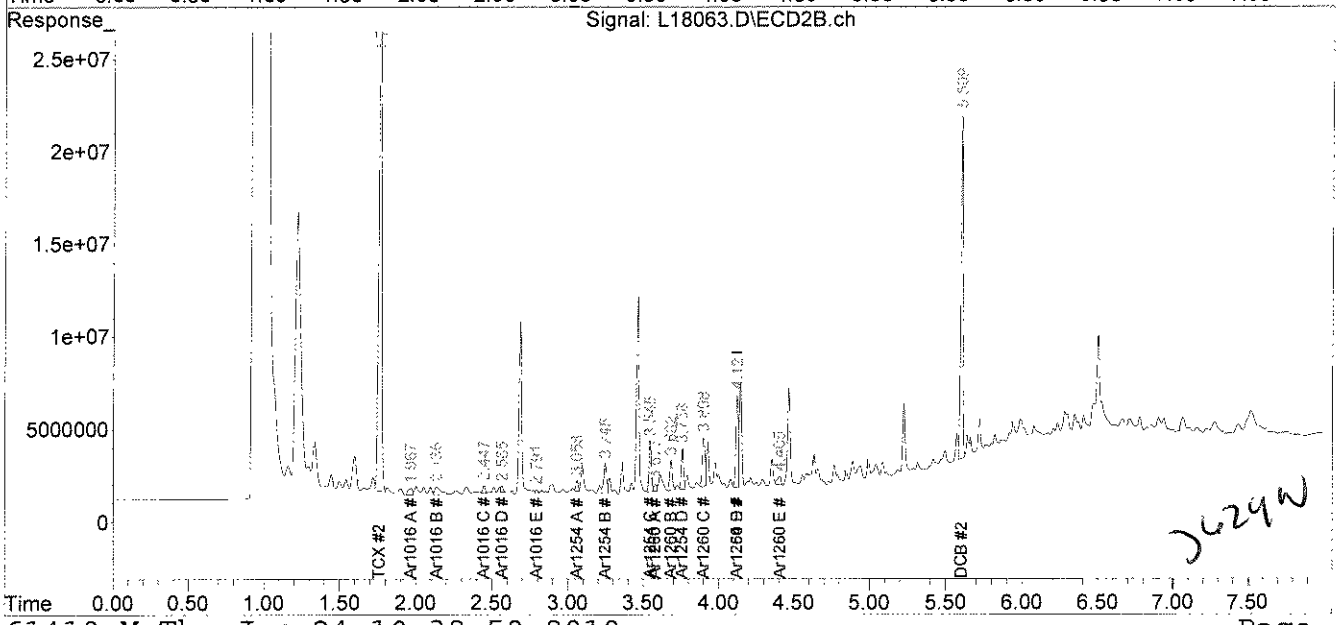
Data Path : C:\msdchem\1\DATA\062310-L\
Data File : L18063.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jun 10 5:05 pm
Operator : JK
Sample : 67031-10,,A/C
Misc : SOIL
ALS Vial : 25 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 24 10:32:58 2010
Quant Method : C:\msdchem\1\METHODS\PCB061410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 15 19:47:33 2010
Response via : Initial Calibration
Integrator: ChemStation

OK 06-24-10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





JL 29W

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 24, 2010

SAMPLE DATA

Lab Sample ID:	67031-11
Matrix:	Solid
Percent Solid:	95
Dilution Factor:	1.0
Collection Date:	06/21/10
Lab Receipt Date:	06/22/10
Extraction Date:	06/22/10
Analysis Date:	06/23/10

CLIENT SAMPLE ID

Project Name:	AMISTAD ACADEMY
Project Number:	223019
Field Sample ID:	AA-VSS-580

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	98	%
Decachlorobiphenyl	57	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

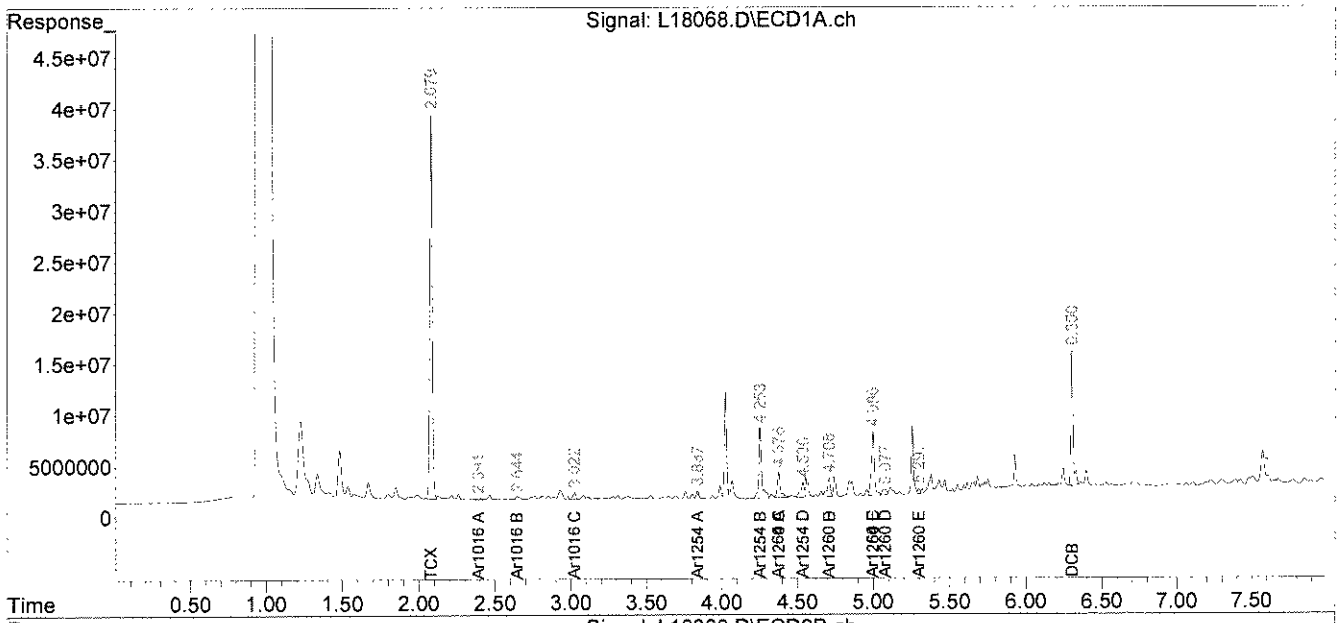
Quantitation Report (Not Reviewed)

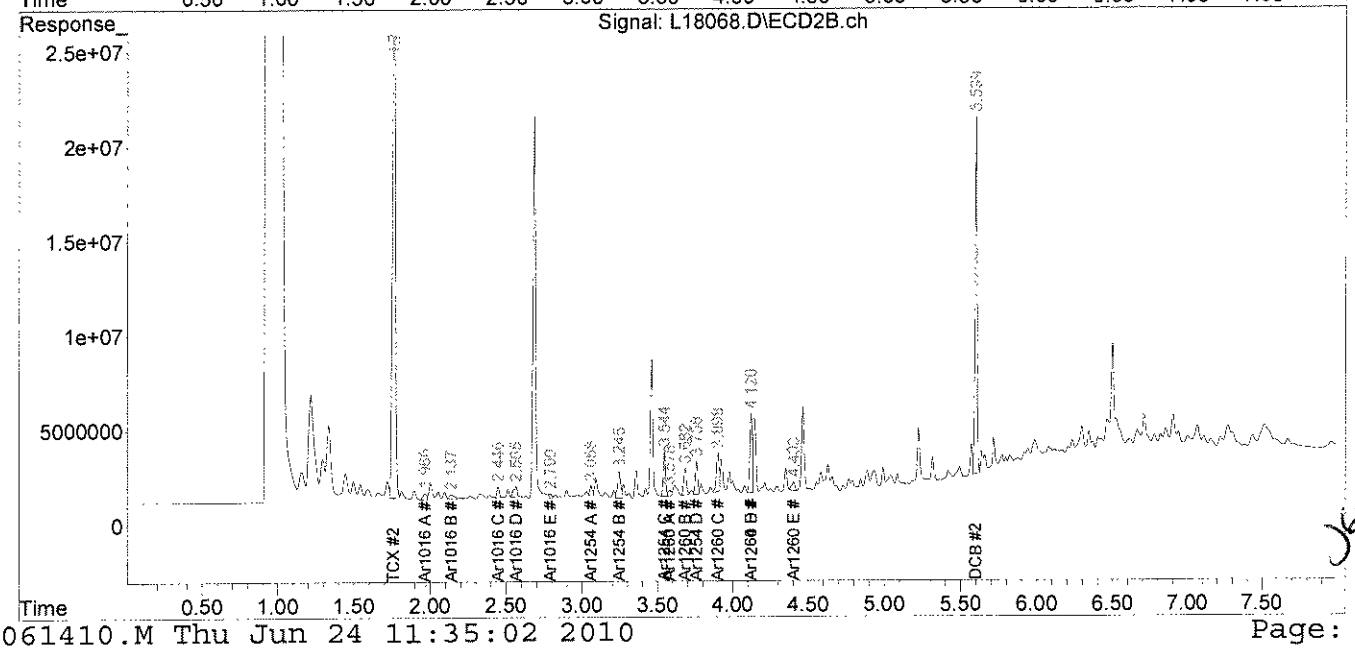
Data Path : C:\msdchem\1\DATA\062310-L\
Data File : L18068.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jun 10 5:57 pm
Operator : JK
Sample : 67031-11,,A/C
Misc : SOIL
ALS Vial : 26 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 24 11:35:02 2010
Quant Method : C:\msdchem\1\METHODS\PCB061410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 15 19:47:33 2010
Response via : Initial Calibration
Integrator: ChemStation

JL 06-24-10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





JL 06-24-10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 24, 2010

SAMPLE DATA

Lab Sample ID:	67031-12
Matrix:	Aqueous
Percent Solid:	N/A
Dilution Factor:	1.0
Collection Date:	06/21/10
Lab Receipt Date:	06/22/10
Extraction Date:	06/23/10
Analysis Date:	06/23/10

CLIENT SAMPLE ID

Project Name:	AMISTAD ACADEMY
Project Number:	223019
Field Sample ID:	AA-VSS-Q-081

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/L	Results µg/L
PCB-1016	0.2	U
PCB-1221	0.2	U
PCB-1232	0.2	U
PCB-1242	0.2	U
PCB-1248	0.2	U
PCB-1254	0.2	U
PCB-1260	0.2	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	88	%
Decachlorobiphenyl	32*	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: * Surrogate recovery outside control limits. Secondary surrogate is in control.

PCB Report

Authorized signature

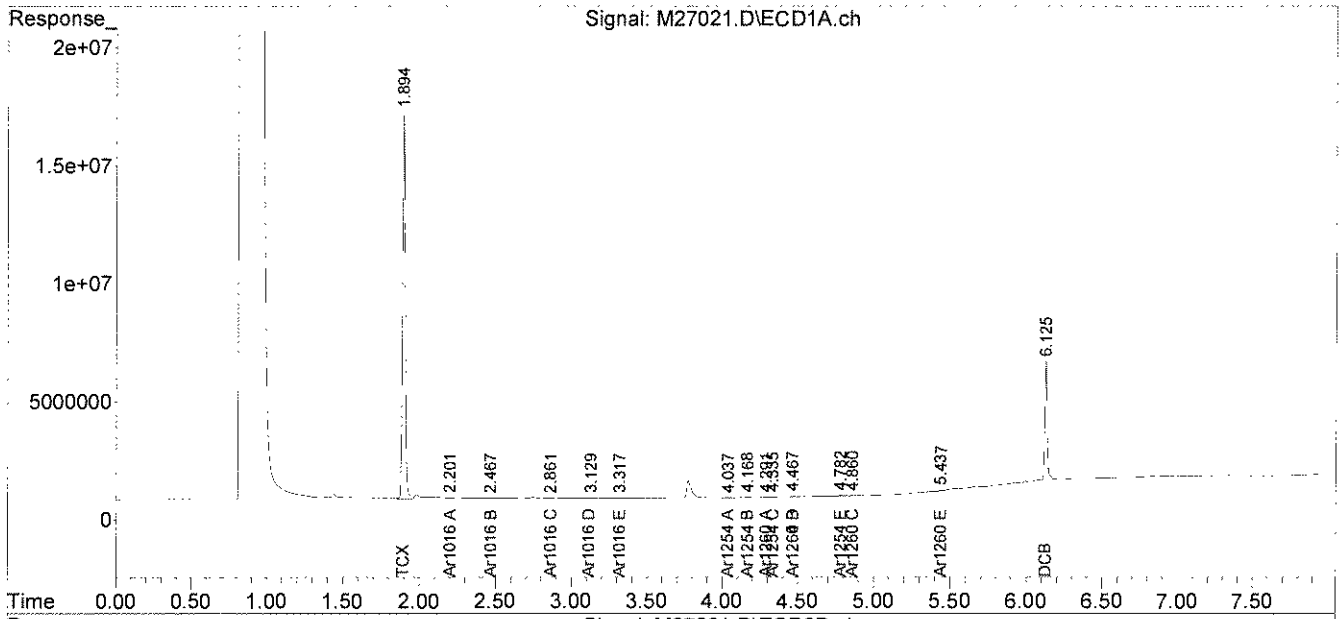
Quantitation Report (Not Reviewed)

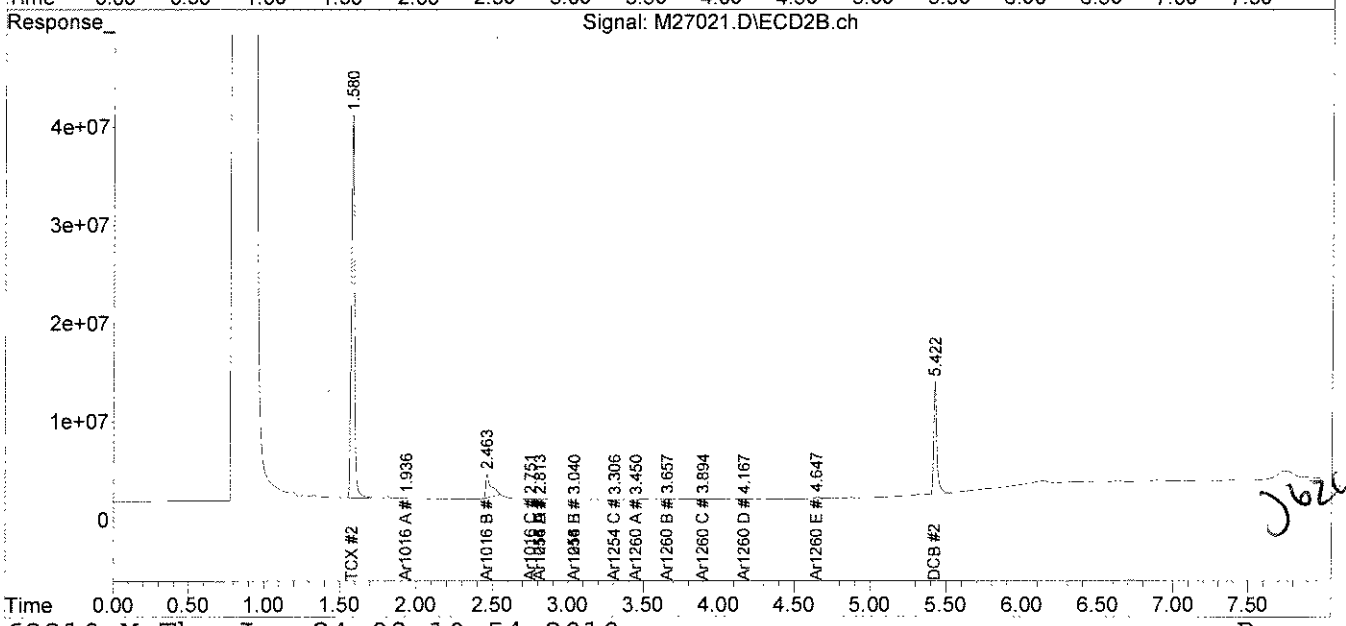
Data Path : C:\msdchem\1\DATA\062310-M\
Data File : M27021.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jun 2010 2:41 pm
Operator : JK
Sample : 67031-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 24 08:03:54 2010
Quant Method : C:\msdchem\1\METHODS\PCB062210.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 22 14:51:48 2010
Response via : Initial Calibration
Integrator: ChemStation

JL 06.24.10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





J 6.24.10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 24, 2010

SAMPLE DATA

Lab Sample ID:	67031-13
Matrix:	Solid
Percent Solid:	96
Dilution Factor:	1.0
Collection Date:	06/21/10
Lab Receipt Date:	06/22/10
Extraction Date:	06/22/10
Analysis Date:	06/23/10

CLIENT SAMPLE ID

Project Name:	AMISTAD ACADEMY
Project Number:	223019
Field Sample ID:	AA-VSS-082

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	95	%
Decachlorobiphenyl	58	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

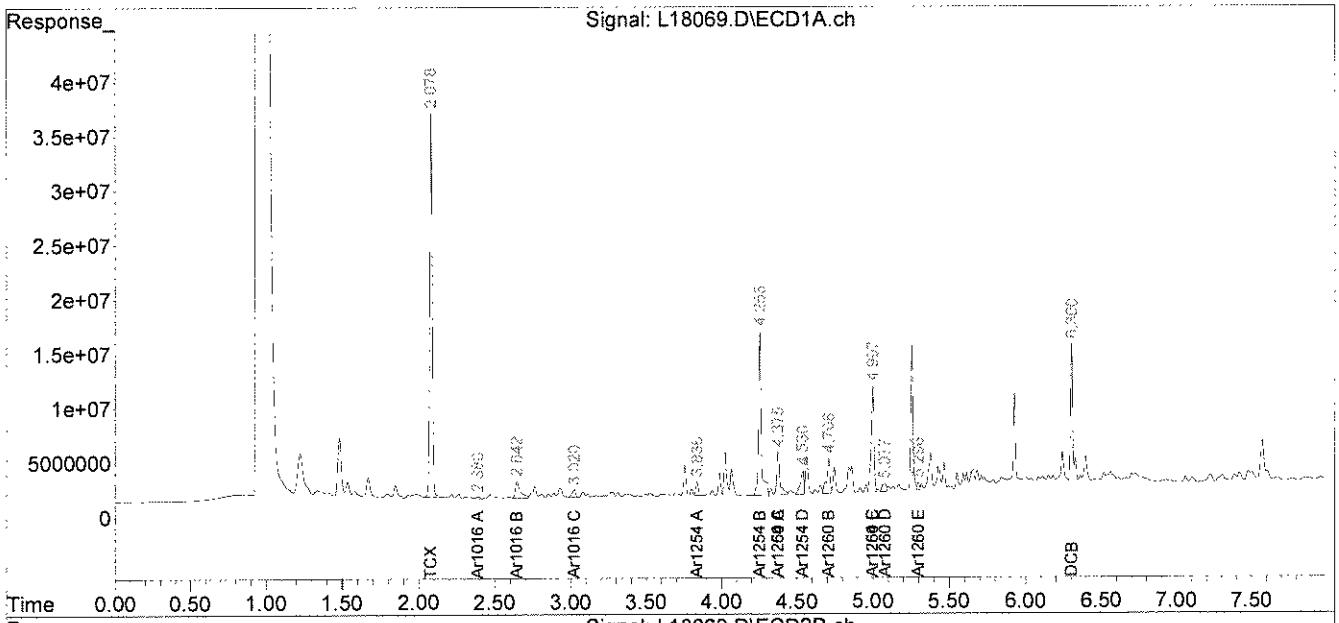
Quantitation Report (Not Reviewed)

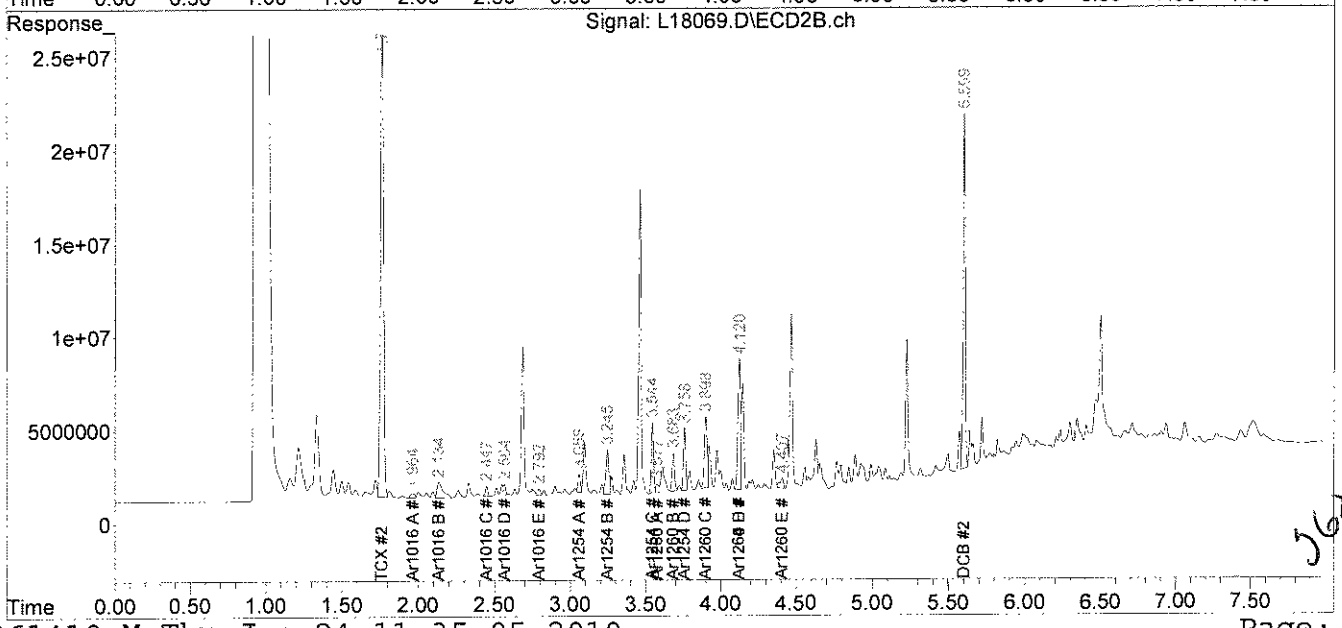
Data Path : C:\msdchem\1\DATA\062310-L\
Data File : L18069.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jun 10 6:07 pm
Operator : JK
Sample : 67031-13,,A/C
Misc : SOIL
ALS Vial : 27 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 24 11:35:05 2010
Quant Method : C:\msdchem\1\METHODS\PCB061410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 15 19:47:33 2010
Response via : Initial Calibration
Integrator: ChemStation

06.24.10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





5624W

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 24, 2010

SAMPLE DATA

Lab Sample ID:	67031-14
Matrix:	Solid
Percent Solid:	95
Dilution Factor:	1.0
Collection Date:	06/21/10
Lab Receipt Date:	06/22/10
Extraction Date:	06/22/10
Analysis Date:	06/23/10

CLIENT SAMPLE ID

Project Name:	AMISTAD ACADEMY
Project Number:	223019
Field Sample ID:	AA-VSS-083

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	99	%
Decachlorobiphenyl	60	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

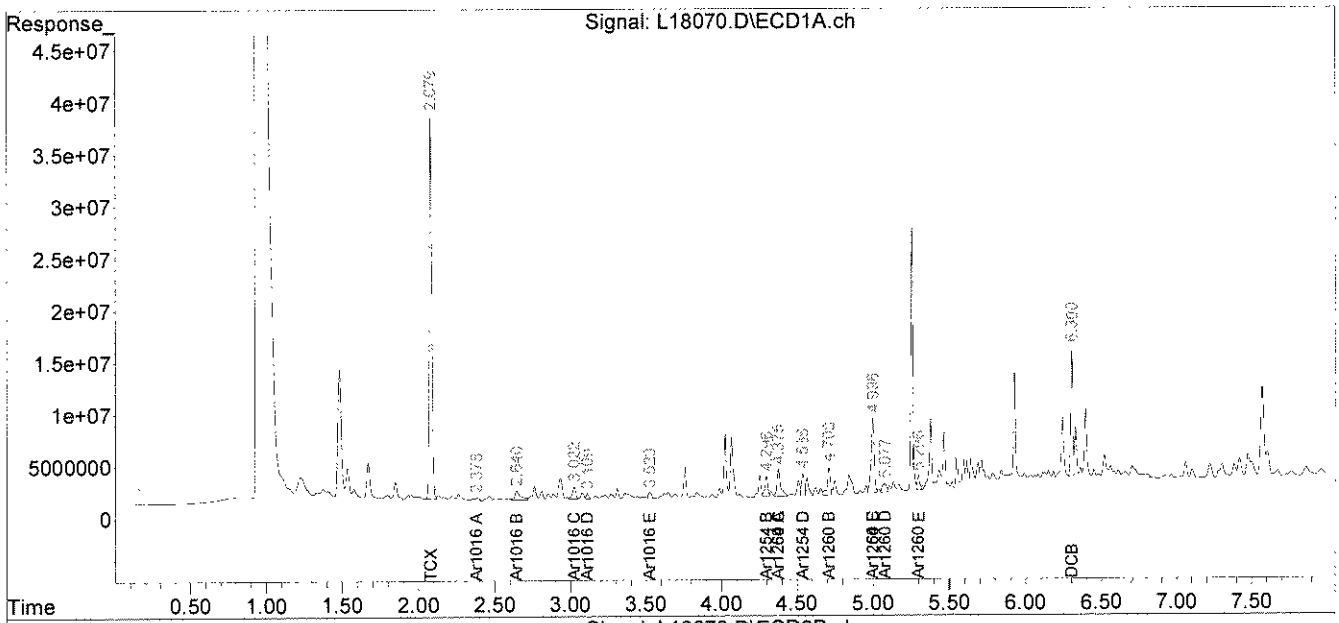
Authorized signature

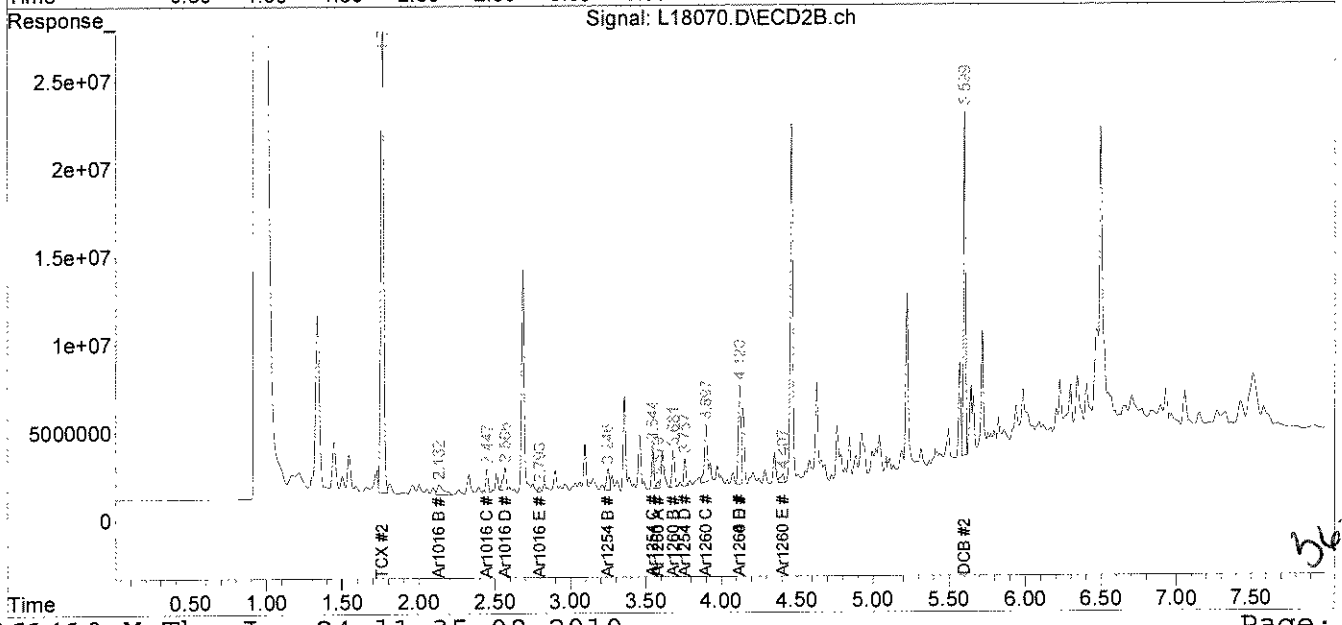
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\062310-L\
Data File : L18070.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jun 10 6:18 pm
Operator : JK
Sample : 67031-14,,A/C
Misc : SOIL
ALS Vial : 28 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 24 11:35:08 2010
Quant Method : C:\msdchem\1\METHODS\PCB061410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 15 19:47:33 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 24, 2010

SAMPLE DATA

Lab Sample ID:	67031-15
Matrix:	Solid
Percent Solid:	97
Dilution Factor:	1.0
Collection Date:	06/21/10
Lab Receipt Date:	06/22/10
Extraction Date:	06/22/10
Analysis Date:	06/23/10

CLIENT SAMPLE ID

Project Name:	AMISTAD ACADEMY
Project Number:	223019
Field Sample ID:	AA-VSS-084

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	**185**
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	98	%
Decachlorobiphenyl	61	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67031
Sample: 67031-15,,A/C
Data File: L18071.D
Dilution Factor: 1.0

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	185	160	15.0	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

PCB FORM 10

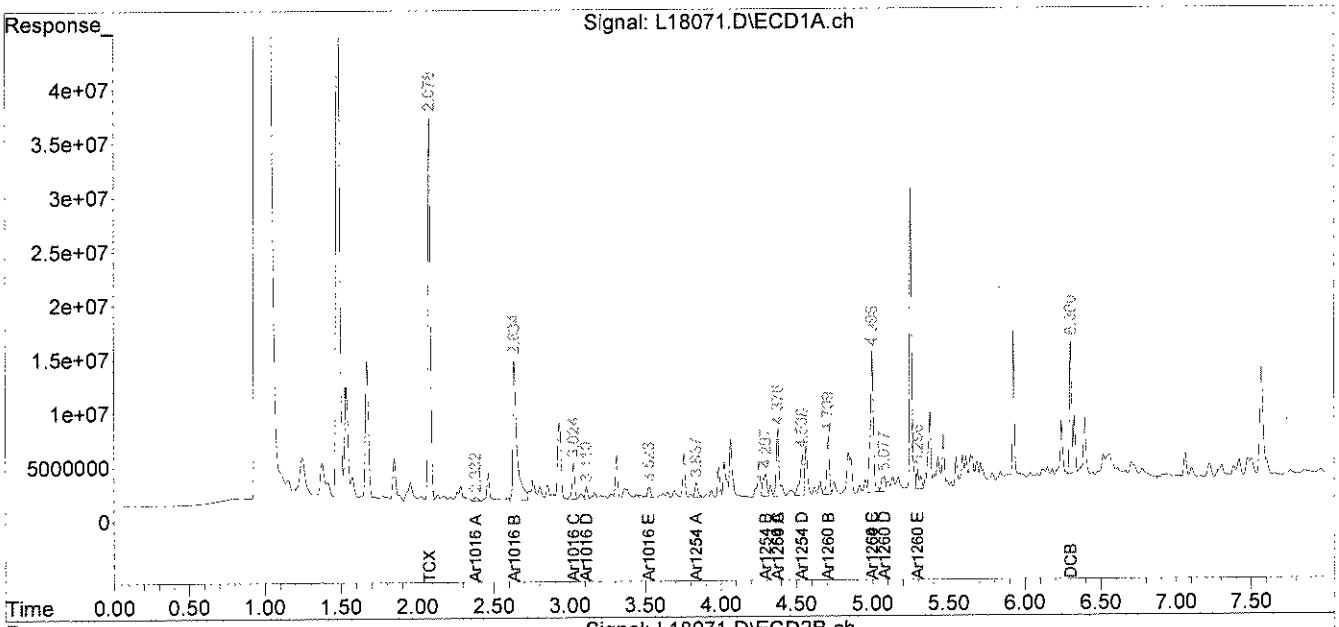
Quantitation Report (Not Reviewed)

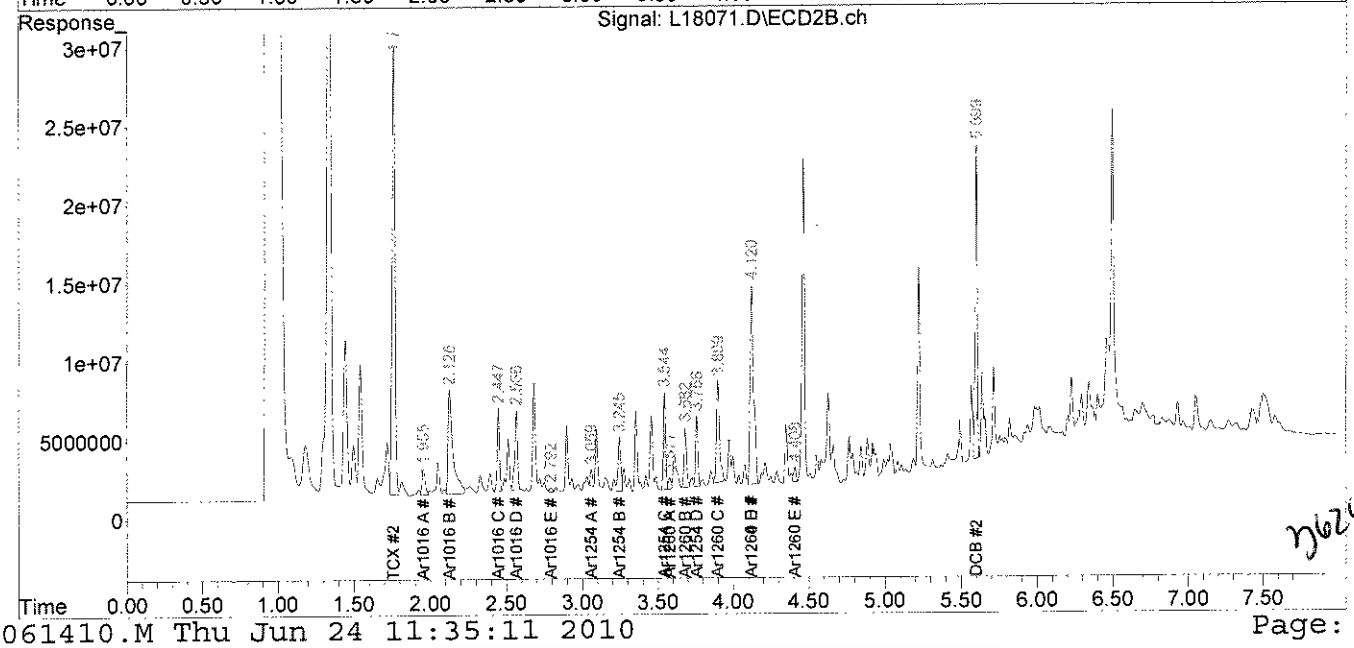
Data Path : C:\msdchem\1\DATA\062310-L\
Data File : L18071.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jun 10 6:28 pm
Operator : JK
Sample : 67031-15,,A/C
Misc : SOIL
ALS Vial : 29 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 24 11:35:11 2010
Quant Method : C:\msdchem\1\METHODS\PCB061410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 15 19:47:33 2010
Response via : Initial Calibration
Integrator: ChemStation

06.24.10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





7624W

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 24, 2010

SAMPLE DATA

Lab Sample ID:	67031-16
Matrix:	Solid
Percent Solid:	96
Dilution Factor:	1.0
Collection Date:	06/21/10
Lab Receipt Date:	06/22/10
Extraction Date:	06/22/10
Analysis Date:	06/23/10

CLIENT SAMPLE ID

Project Name:	AMISTAD ACADEMY
Project Number:	223019
Field Sample ID:	AA-VSS-085

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	100	%
Decachlorobiphenyl	59	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

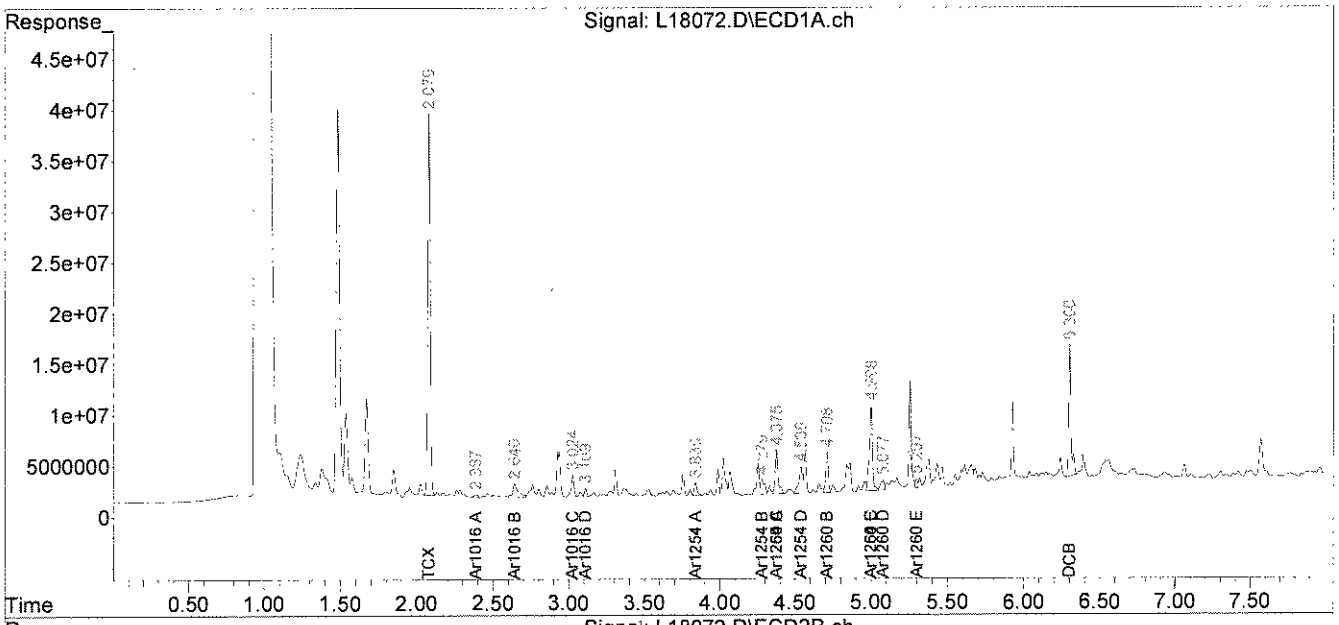
Quantitation Report (Not Reviewed)

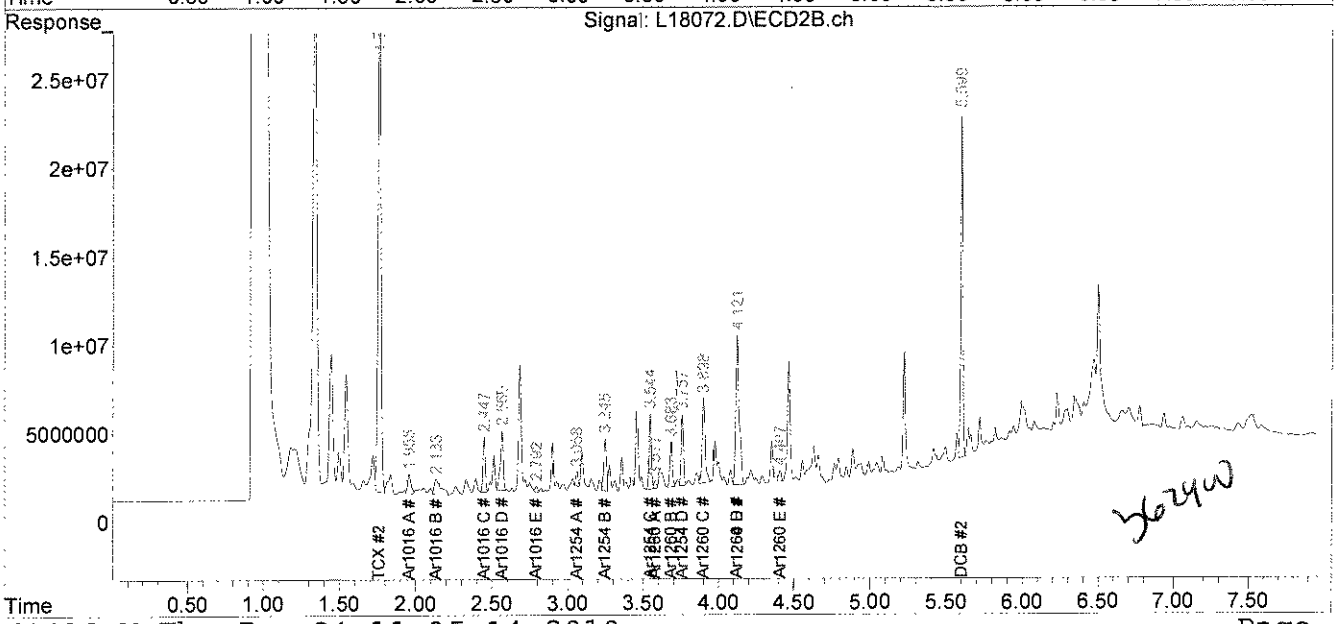
Data Path : C:\msdchem\1\DATA\062310-L\
Data File : L18072.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jun 10 6:38 pm
Operator : JK
Sample : 67031-16,,A/C
Misc : SOIL
ALS Vial : 30 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 24 11:35:14 2010
Quant Method : C:\msdchem\1\METHODS\PCB061410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 15 19:47:33 2010
Response via : Initial Calibration
Integrator: ChemStation

JL 06.24.10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 24, 2010

SAMPLE DATA

Lab Sample ID:	67031-17
Matrix:	Solid
Percent Solid:	91
Dilution Factor:	1.1
Collection Date:	06/21/10
Lab Receipt Date:	06/22/10
Extraction Date:	06/22/10
Analysis Date:	06/23/10

CLIENT SAMPLE ID

Project Name:	AMISTAD ACADEMY
Project Number:	223019
Field Sample ID:	AA-VSS-086

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	36	U
PCB-1221	36	U
PCB-1232	36	U
PCB-1242	36	U
PCB-1248	36	U
PCB-1254	36	U
PCB-1260	36	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	96	%
Decachlorobiphenyl	65	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

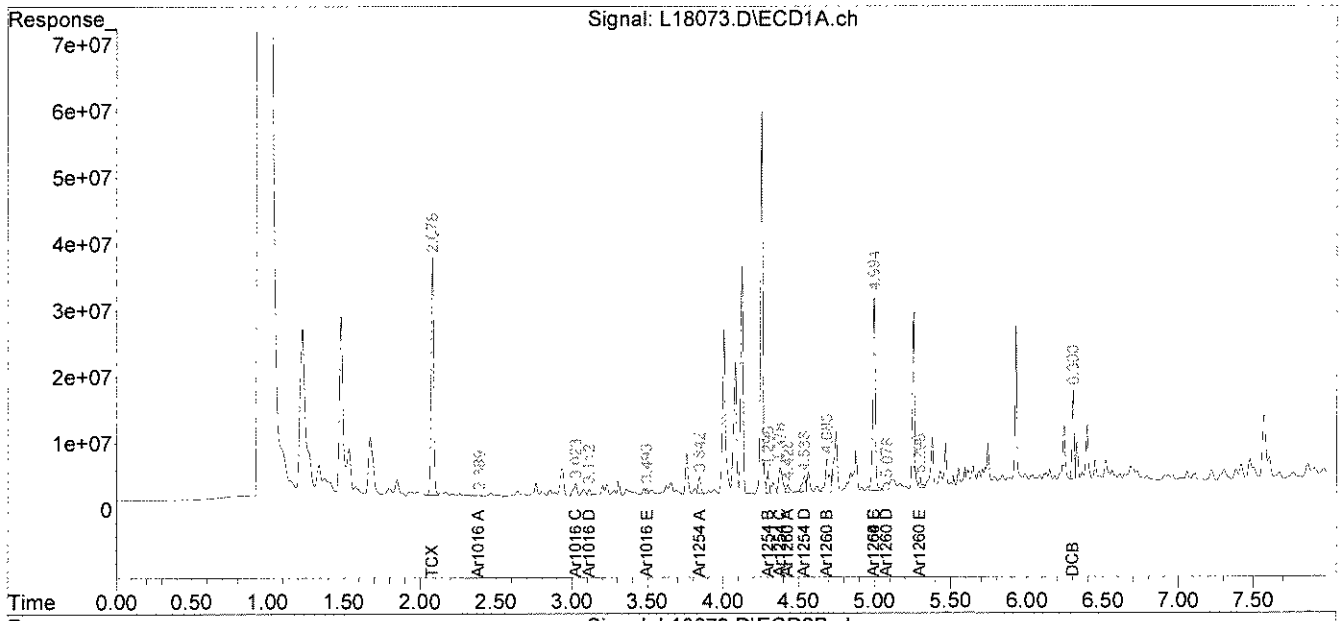
Quantitation Report (Not Reviewed)

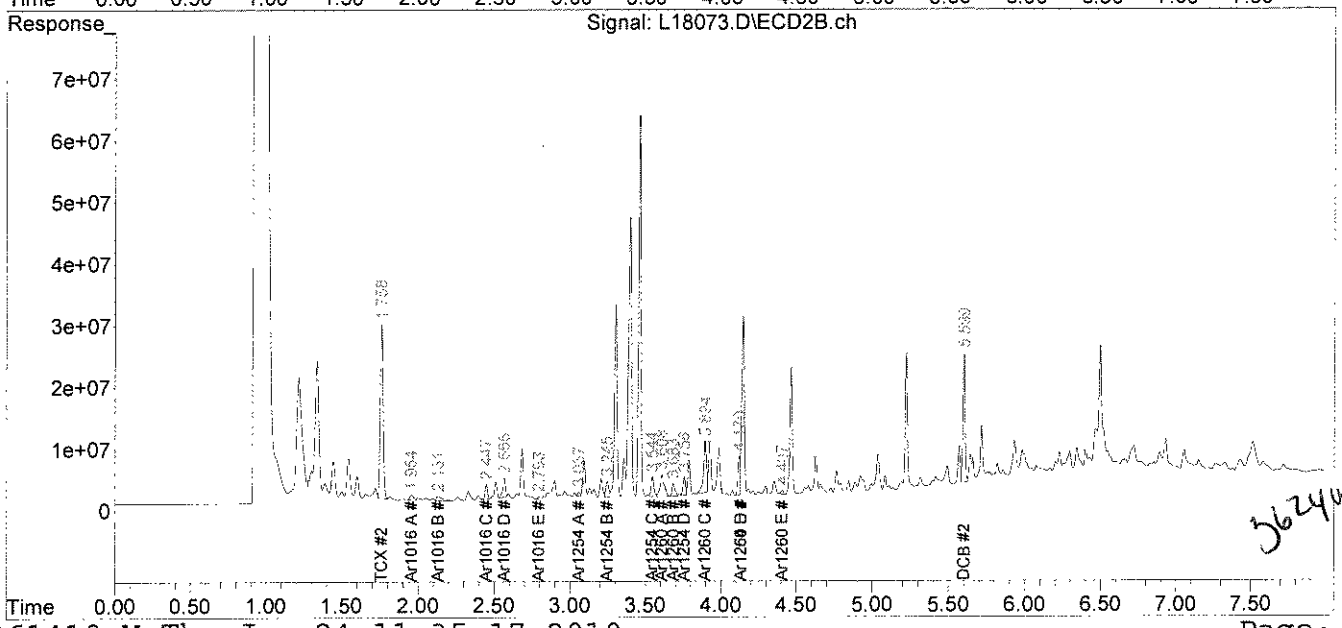
Data Path : C:\msdchem\1\DATA\062310-L\
Data File : L18073.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jun 10 6:49 pm
Operator : JK
Sample : 67031-17,,A/C
Misc : SOIL
ALS Vial : 31 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 24 11:35:17 2010
Quant Method : C:\msdchem\1\METHODS\PCB061410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 15 19:47:33 2010
Response via : Initial Calibration
Integrator: ChemStation

JR 06.24.10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





3624W

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 24, 2010

SAMPLE DATA

Lab Sample ID:	67031-18
Matrix:	Solid
Percent Solid:	93
Dilution Factor:	1.0
Collection Date:	06/21/10
Lab Receipt Date:	06/22/10
Extraction Date:	06/22/10
Analysis Date:	06/23/10

CLIENT SAMPLE ID

Project Name:	AMISTAD ACADEMY
Project Number:	223019
Field Sample ID:	AA-VSS-087

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	102	%
Decachlorobiphenyl	59	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

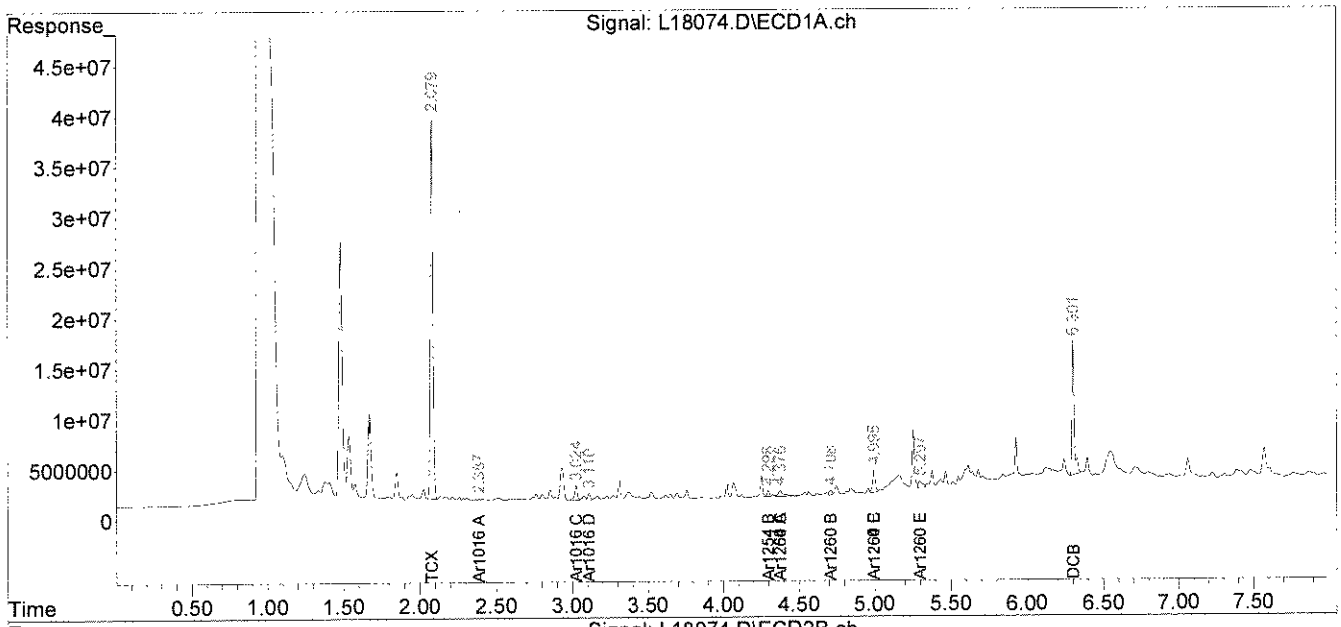
Quantitation Report (Not Reviewed)

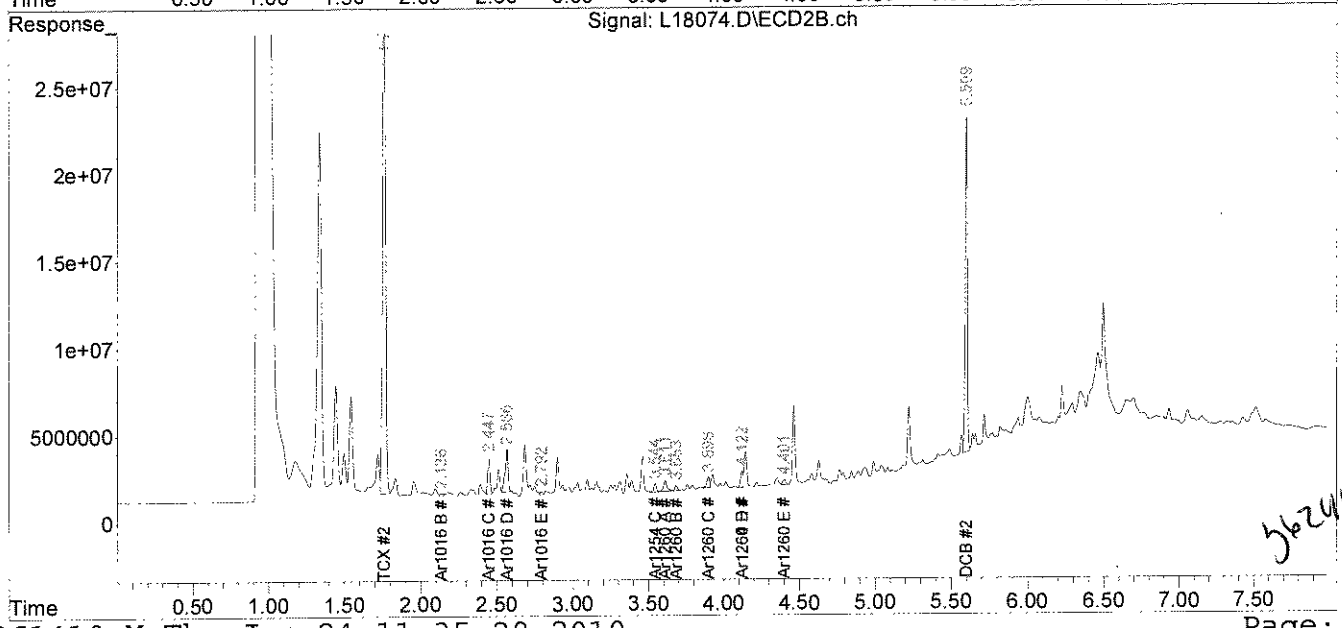
Data Path : C:\msdchem\1\DATA\062310-L\
Data File : L18074.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jun 10 6:59 pm
Operator : JK
Sample : 67031-18,,A/C
Misc : SOIL
ALS Vial : 32 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 24 11:35:20 2010
Quant Method : C:\msdchem\1\METHODS\PCB061410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 15 19:47:33 2010
Response via : Initial Calibration
Integrator: ChemStation

JK 06.24.10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





JK 06.24.10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 24, 2010

SAMPLE DATA

Lab Sample ID:	67031-19
Matrix:	Solid
Percent Solid:	95
Dilution Factor:	1.0
Collection Date:	06/21/10
Lab Receipt Date:	06/22/10
Extraction Date:	06/22/10
Analysis Date:	06/23/10

CLIENT SAMPLE ID

Project Name:	AMISTAD ACADEMY
Project Number:	223019
Field Sample ID:	AA-VSS-088

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	97	%
Decachlorobiphenyl	55	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

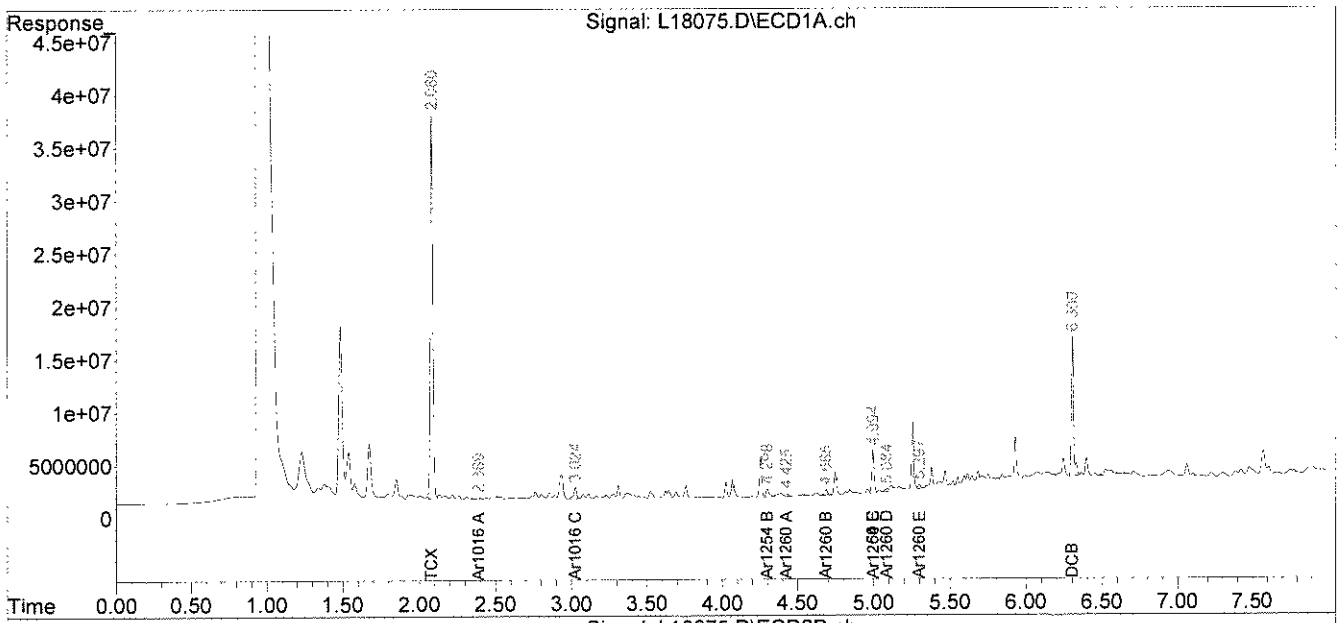
Quantitation Report (Not Reviewed)

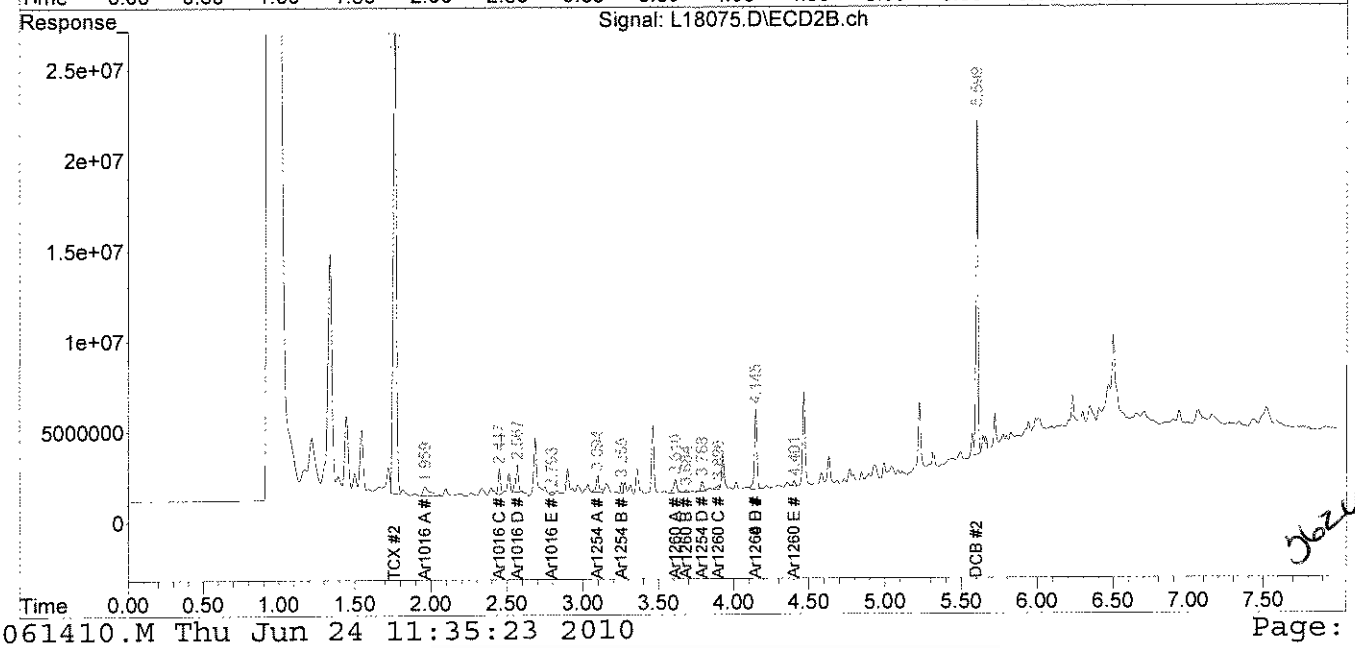
Data Path : C:\msdchem\1\DATA\062310-L\
Data File : L18075.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jun 10 7:09 pm
Operator : JK
Sample : 67031-19,,A/C
Misc : SOIL
ALS Vial : 33 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 24 11:35:23 2010
Quant Method : C:\msdchem\1\METHODS\PCB061410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 15 19:47:33 2010
Response via : Initial Calibration
Integrator: ChemStation

JL 06.24.10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





062410

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 24, 2010

SAMPLE DATA

Lab Sample ID:	67031-20
Matrix:	Solid
Percent Solid:	95
Dilution Factor:	1.1
Collection Date:	06/21/10
Lab Receipt Date:	06/22/10
Extraction Date:	06/22/10
Analysis Date:	06/23/10

CLIENT SAMPLE ID

Project Name:	AMISTAD ACADEMY
Project Number:	223019
Field Sample ID:	AA-VSS-089

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	36	U
PCB-1221	36	U
PCB-1232	36	U
PCB-1242	36	U
PCB-1248	36	U
PCB-1254	36	U
PCB-1260	36	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	99	%
Decachlorobiphenyl	53	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

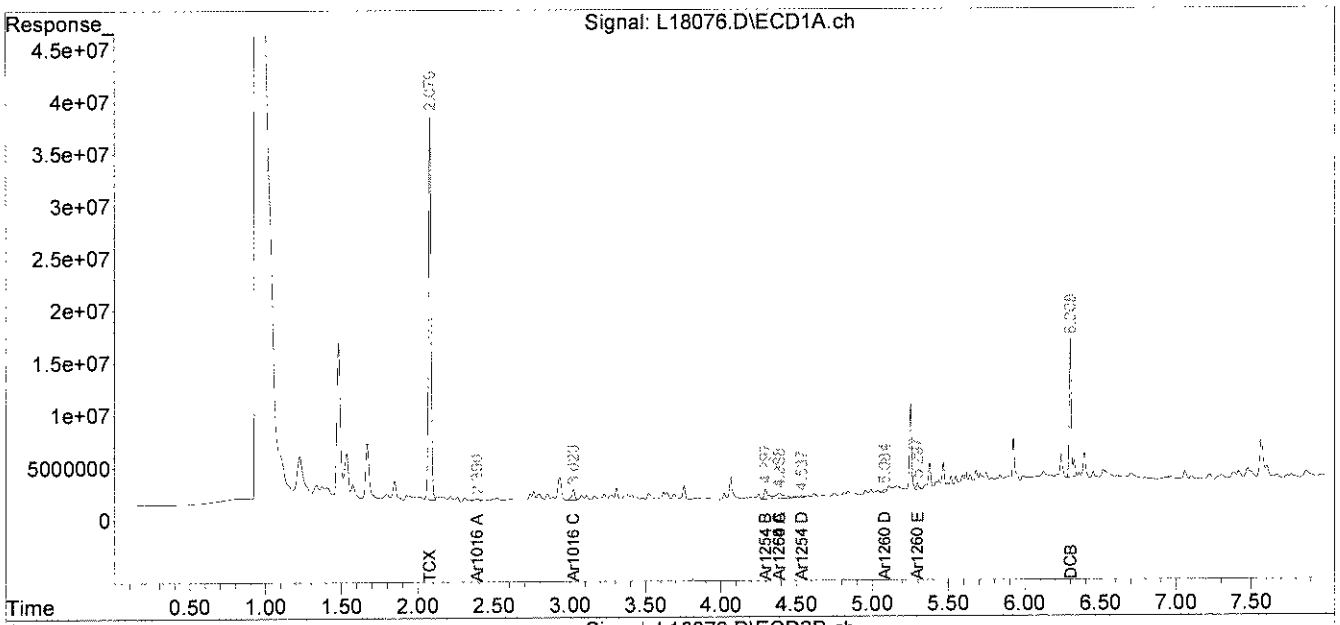
Quantitation Report (Not Reviewed)

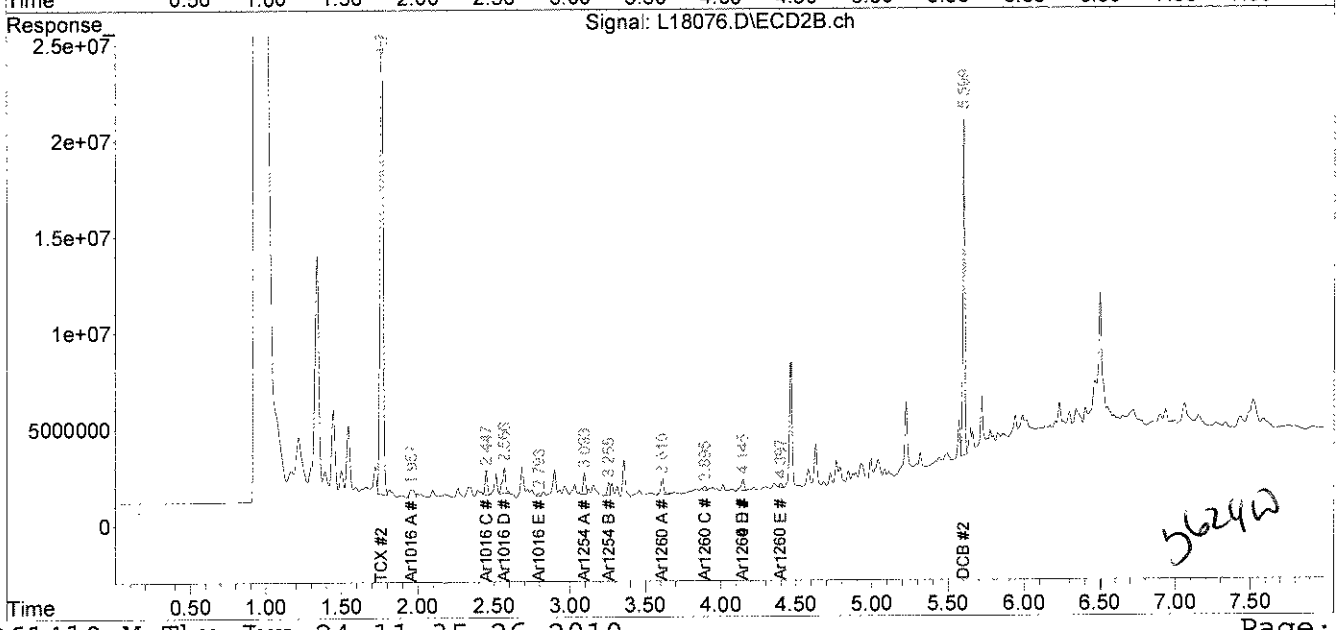
Data Path : C:\msdchem\1\DATA\062310-L\
Data File : L18076.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jun 10 7:20 pm
Operator : JK
Sample : 67031-20,,A/C
Misc : SOIL
ALS Vial : 34 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 24 11:35:26 2010
Quant Method : C:\msdchem\1\METHODS\PCB061410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 15 19:47:33 2010
Response via : Initial Calibration
Integrator: ChemStation

06.24.10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





5624W

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 24, 2010

SAMPLE DATA

Lab Sample ID:	67031-21
Matrix:	Solid
Percent Solid:	90
Dilution Factor:	1.1
Collection Date:	06/21/10
Lab Receipt Date:	06/22/10
Extraction Date:	06/22/10
Analysis Date:	06/23/10

CLIENT SAMPLE ID

Project Name:	AMISTAD ACADEMY
Project Number:	223019
Field Sample ID:	AA-VSS-090

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	36	U
PCB-1221	36	U
PCB-1232	36	U
PCB-1242	36	U
PCB-1248	36	U
PCB-1254	36	U
PCB-1260	36	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	101	%
Decachlorobiphenyl	62	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

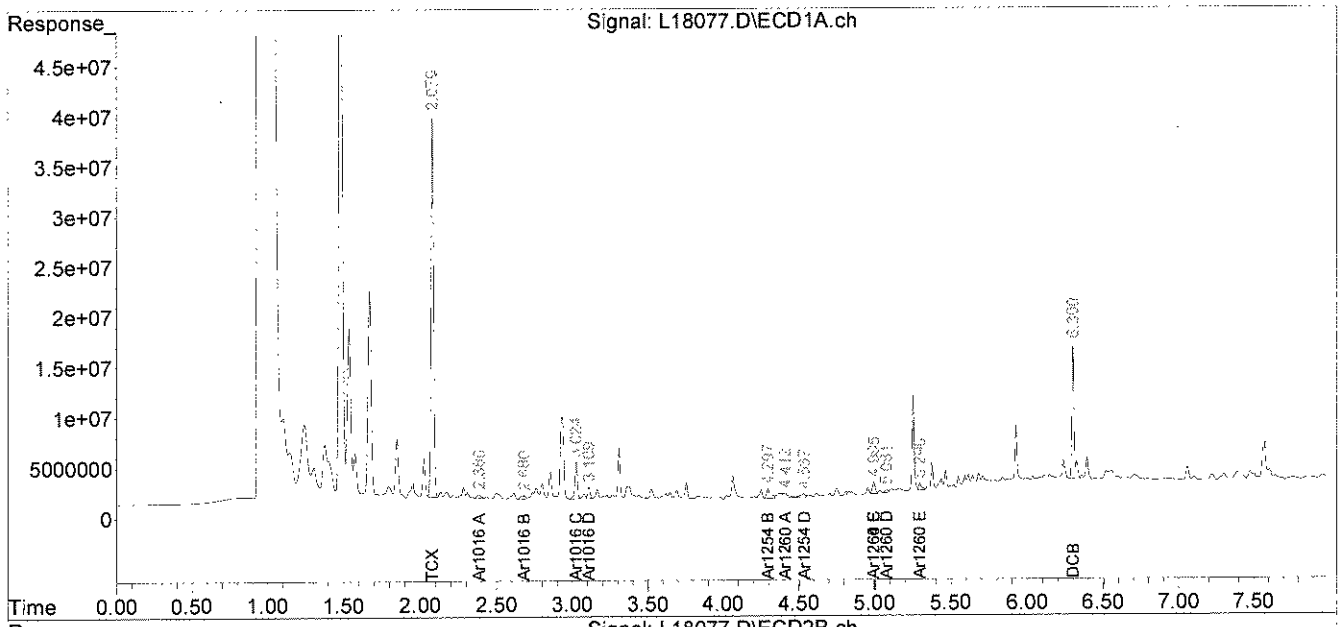
Quantitation Report (Not Reviewed)

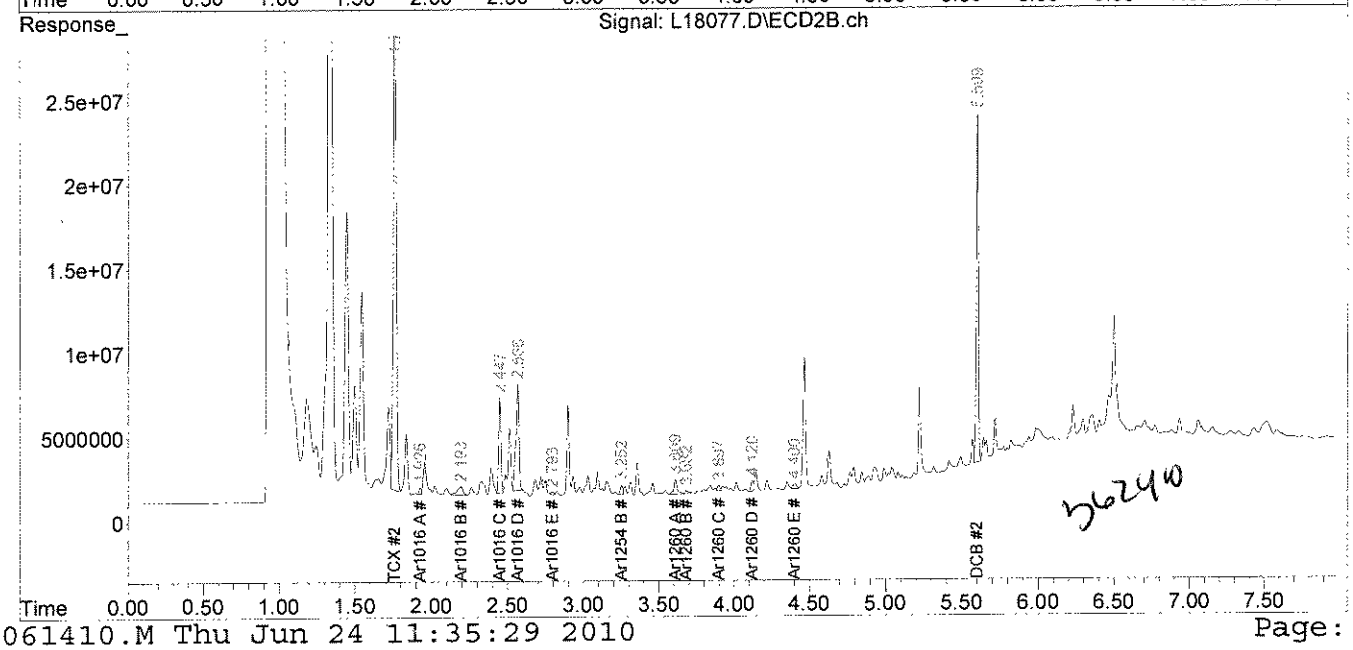
Data Path : C:\msdchem\1\DATA\062310-L\
Data File : L18077.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jun 10 7:30 pm
Operator : JK
Sample : 67031-21,,A/C
Misc : SOIL
ALS Vial : 35 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 24 11:35:29 2010
Quant Method : C:\msdchem\1\METHODS\PCB061410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 15 19:47:33 2010
Response via : Initial Calibration
Integrator: ChemStation

UL 06.24.10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





362490

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 24, 2010

SAMPLE DATA

Lab Sample ID:	67031-22
Matrix:	Solid
Percent Solid:	96
Dilution Factor:	1.0
Collection Date:	06/21/10
Lab Receipt Date:	06/22/10
Extraction Date:	06/22/10
Analysis Date:	06/23/10

CLIENT SAMPLE ID

Project Name:	AMISTAD ACADEMY
Project Number:	223019
Field Sample ID:	AA-VSS-091

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	93	%
Decachlorobiphenyl	61	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

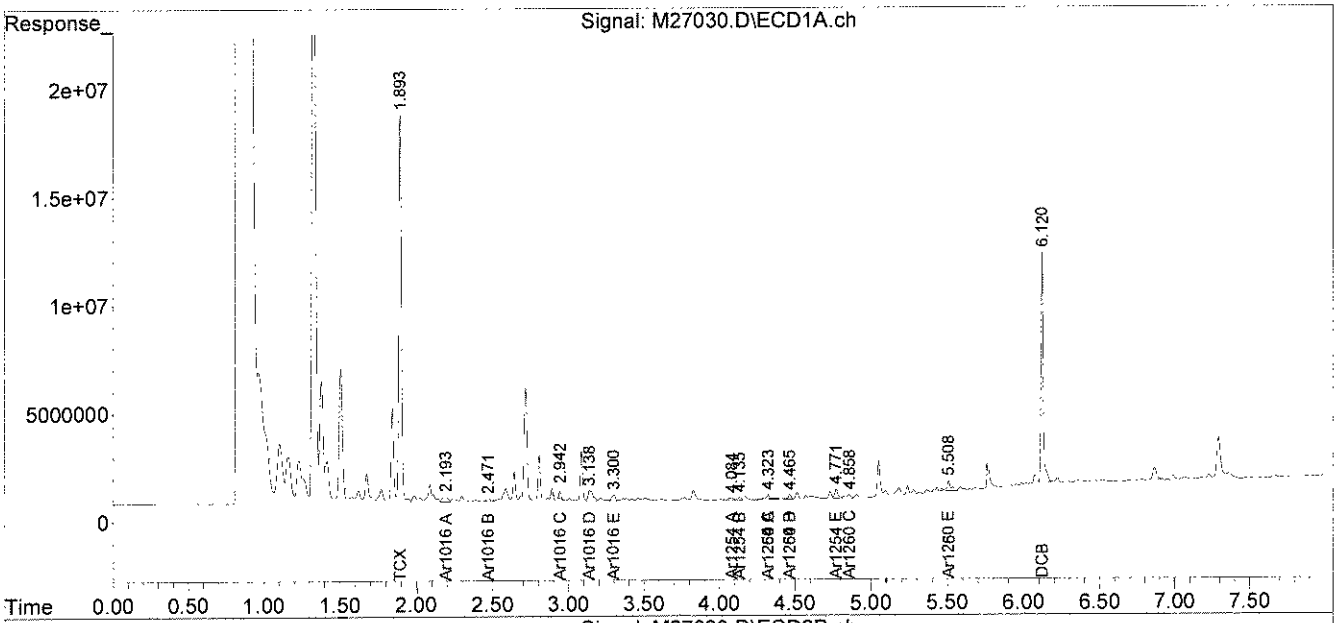
Authorized signature

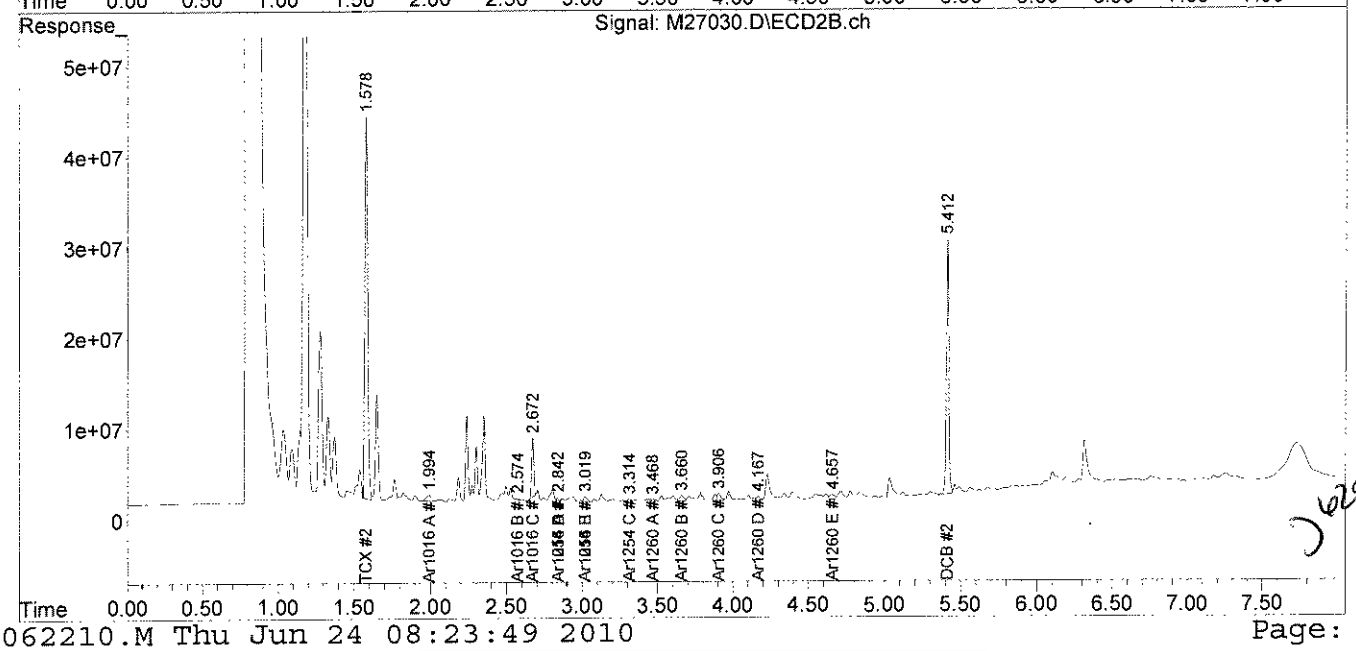
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\062310-M\
Data File : M27030.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jun 2010 4:50 pm
Operator : JK
Sample : 67031-22,,A/C
Misc : SOIL
ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 24 08:23:42 2010
Quant Method : C:\msdchem\1\METHODS\PCB062210.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 22 15:04:58 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 24, 2010

SAMPLE DATA

Lab Sample ID:	67031-23
Matrix:	Solid
Percent Solid:	94
Dilution Factor:	1.0
Collection Date:	06/21/10
Lab Receipt Date:	06/22/10
Extraction Date:	06/22/10
Analysis Date:	06/23/10

CLIENT SAMPLE ID

Project Name:	AMISTAD ACADEMY
Project Number:	223019
Field Sample ID:	AA-VSS-092

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	**56**
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	91	%
Decachlorobiphenyl	63	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67031
Sample: 67031-23,,A/C
Data File: M27031.D
Dilution Factor: 1.0

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	56	44	24.1	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

PCB FORM 10

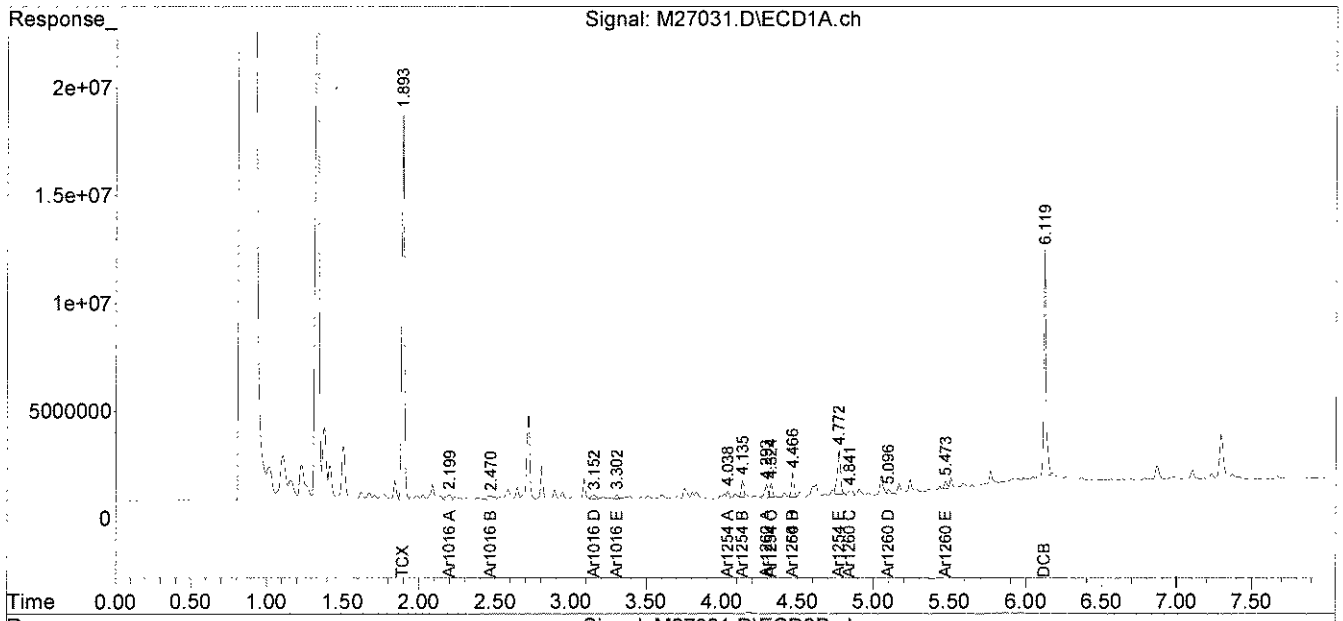
Quantitation Report (QT Reviewed)

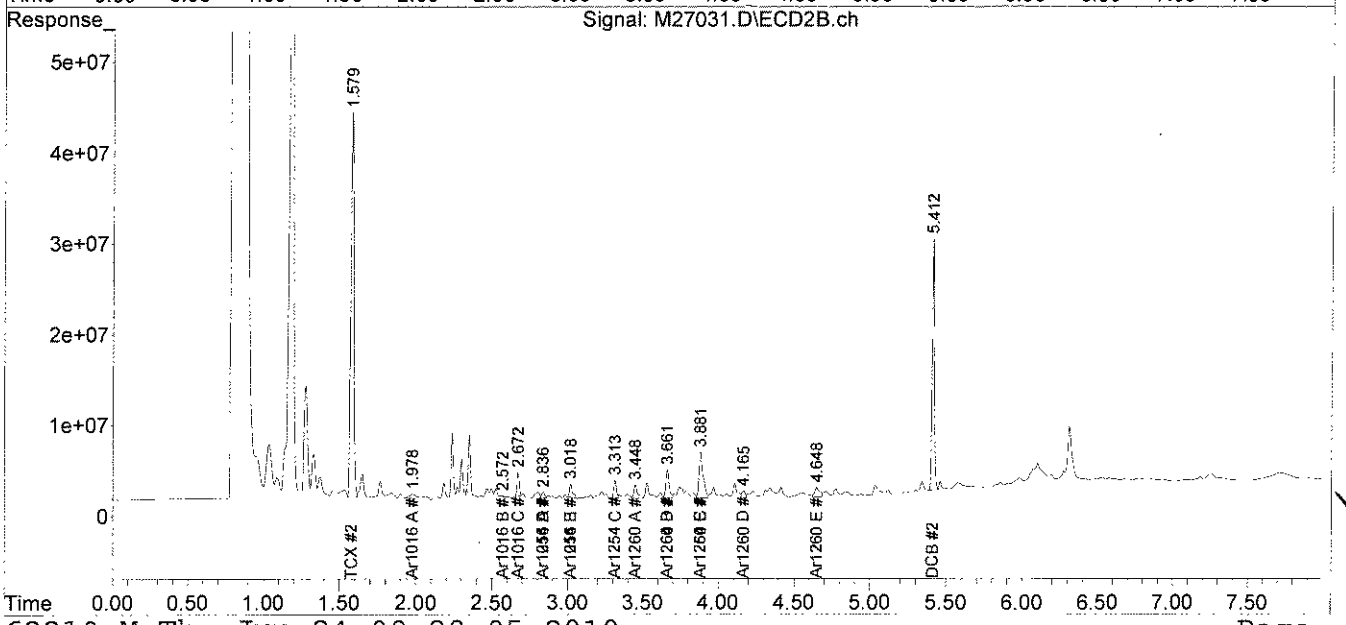
Data Path : C:\msdchem\1\DATA\062310-M\
Data File : M27031.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jun 2010 5:01 pm
Operator : JK
Sample : 67031-23,,A/C
Misc : SOIL
ALS Vial : 15 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 24 08:27:56 2010
Quant Method : C:\msdchem\1\METHODS\PCB062210.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 22 14:51:48 2010
Response via : Initial Calibration
Integrator: ChemStation

JR 06.24.10

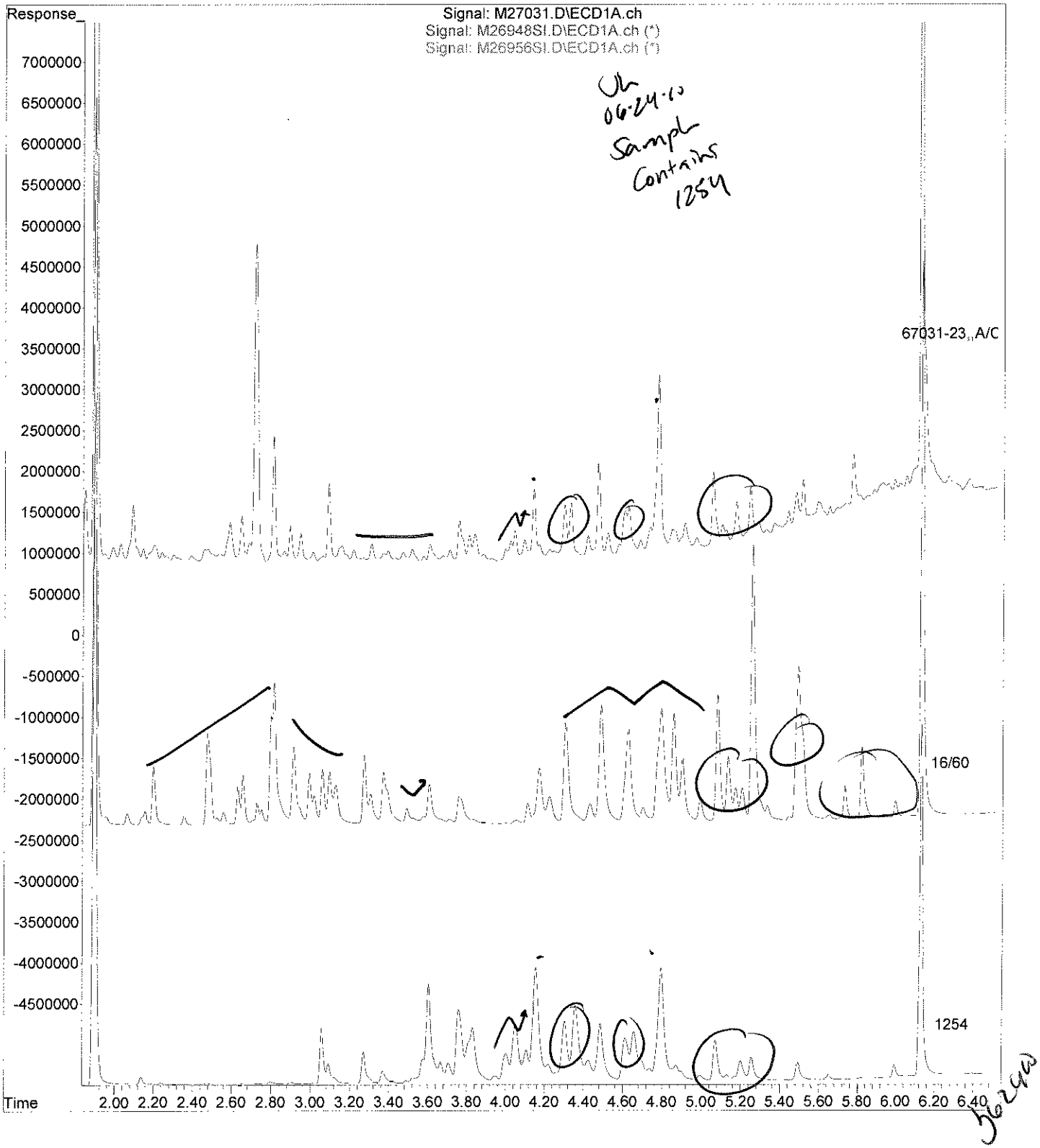
Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





6/24/10

File :C:\msdchem\1\DATA\062310-M\M27031.D
Operator : JK
Acquired : 23 Jun 2010 5:01 pm using AcqMethod PEST.M
Instrument : Instrument M
Sample Name: 67031-23,,A/C
Misc Info : SOIL
Vial Number: 15



analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 24, 2010

SAMPLE DATA

Lab Sample ID:	67031-24
Matrix:	Solid
Percent Solid:	91
Dilution Factor:	1.1
Collection Date:	06/21/10
Lab Receipt Date:	06/22/10
Extraction Date:	06/22/10
Analysis Date:	06/23/10

CLIENT SAMPLE ID

Project Name:	AMISTAD ACADEMY
Project Number:	223019
Field Sample ID:	AA-VSS-093

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	36	U
PCB-1221	36	U
PCB-1232	36	U
PCB-1242	36	U
PCB-1248	36	U
PCB-1254	36	U
PCB-1260	36	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	92	%
Decachlorobiphenyl	59	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

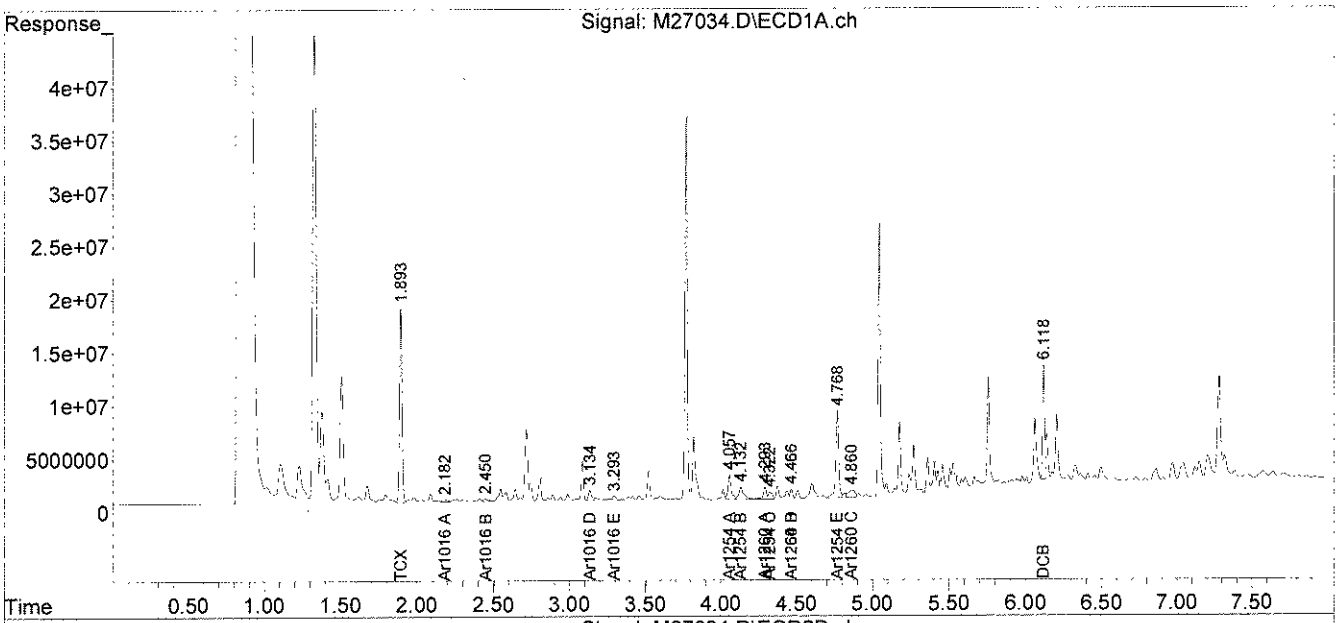
Authorized signature

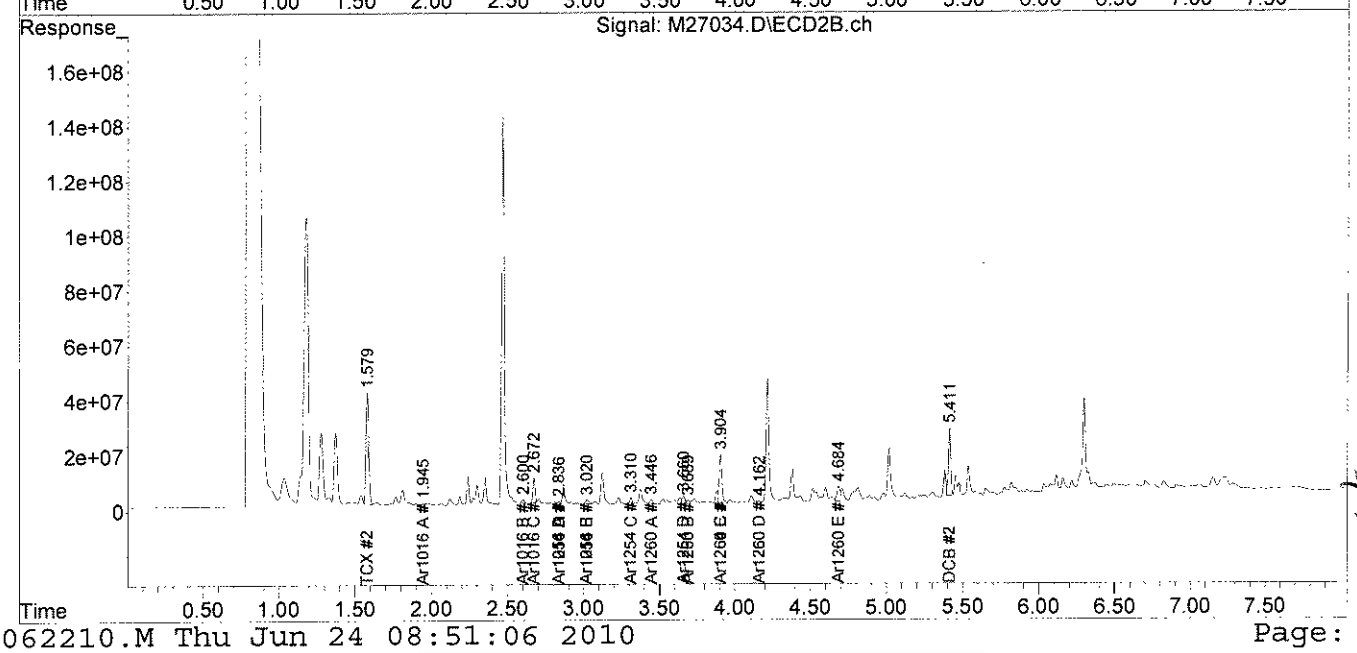
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\062310-M\
Data File : M27034.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jun 2010 5:31 pm
Operator : JK
Sample : 67031-24,,A/C
Misc : SOIL
ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 24 08:50:58 2010
Quant Method : C:\msdchem\1\METHODS\PCB062210.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 22 14:51:48 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 24, 2010

SAMPLE DATA

Lab Sample ID:	67031-25
Matrix:	Solid
Percent Solid:	90
Dilution Factor:	1.1
Collection Date:	06/21/10
Lab Receipt Date:	06/22/10
Extraction Date:	06/22/10
Analysis Date:	06/23/10

CLIENT SAMPLE ID

Project Name:	AMISTAD ACADEMY
Project Number:	223019
Field Sample ID:	AA-VSS-094

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	36	U
PCB-1221	36	U
PCB-1232	36	U
PCB-1242	36	U
PCB-1248	36	U
PCB-1254	36	**236**
PCB-1260	36	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	92	%
Decachlorobiphenyl	46	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67031
Sample: 67031-25,,A/C
Data File: M27035.D
Dilution Factor: 1.I

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	236	190	21.6	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

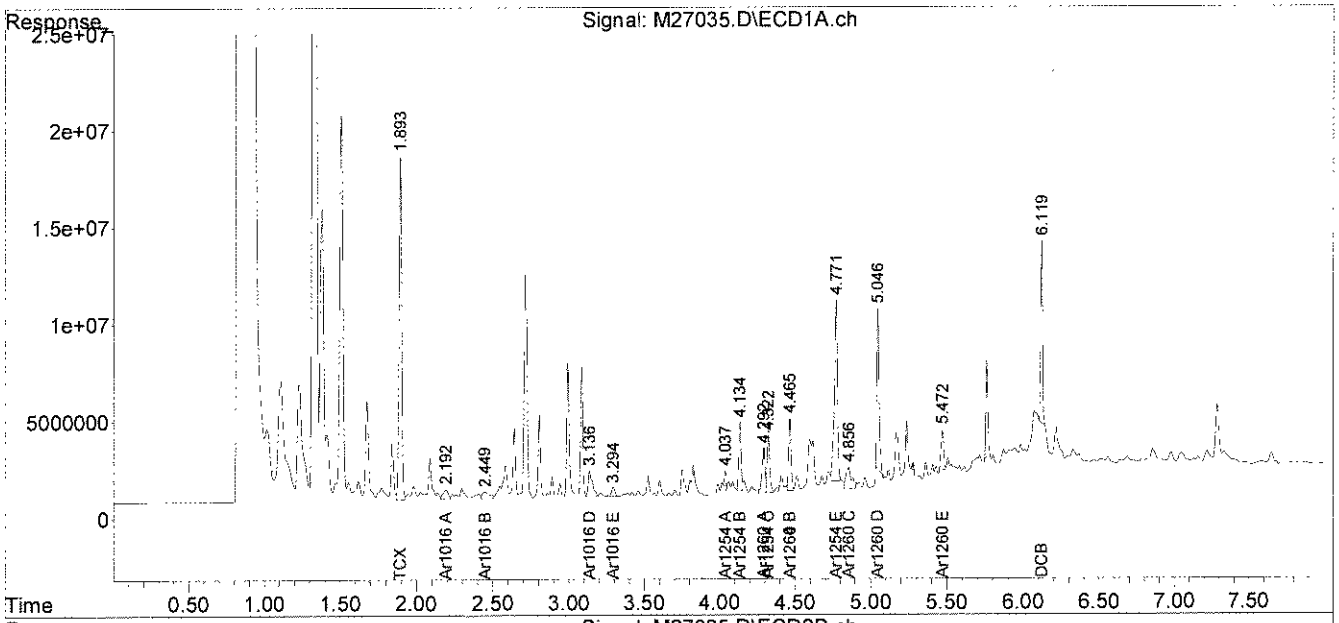
PCB FORM 10

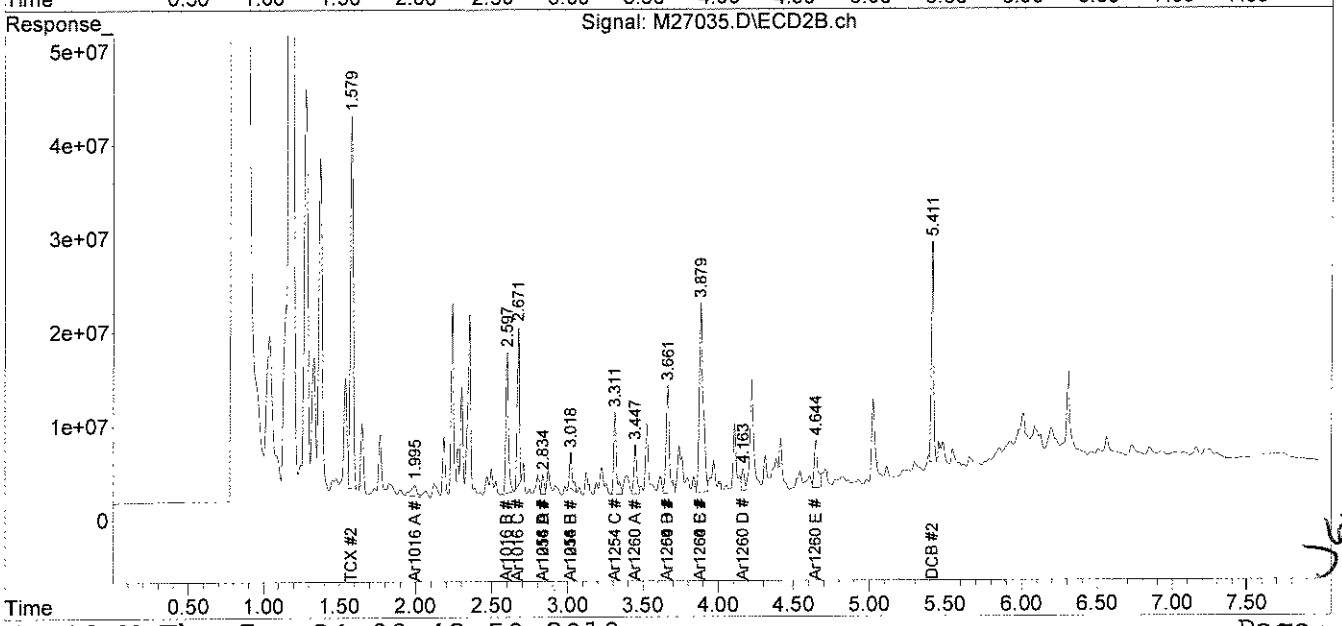
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\062310-M\
Data File : M27035.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jun 2010 5:42 pm
Operator : JK
Sample : 67031-25,,A/C
Misc : SOIL
ALS Vial : 19 Sample Multiplier: 1

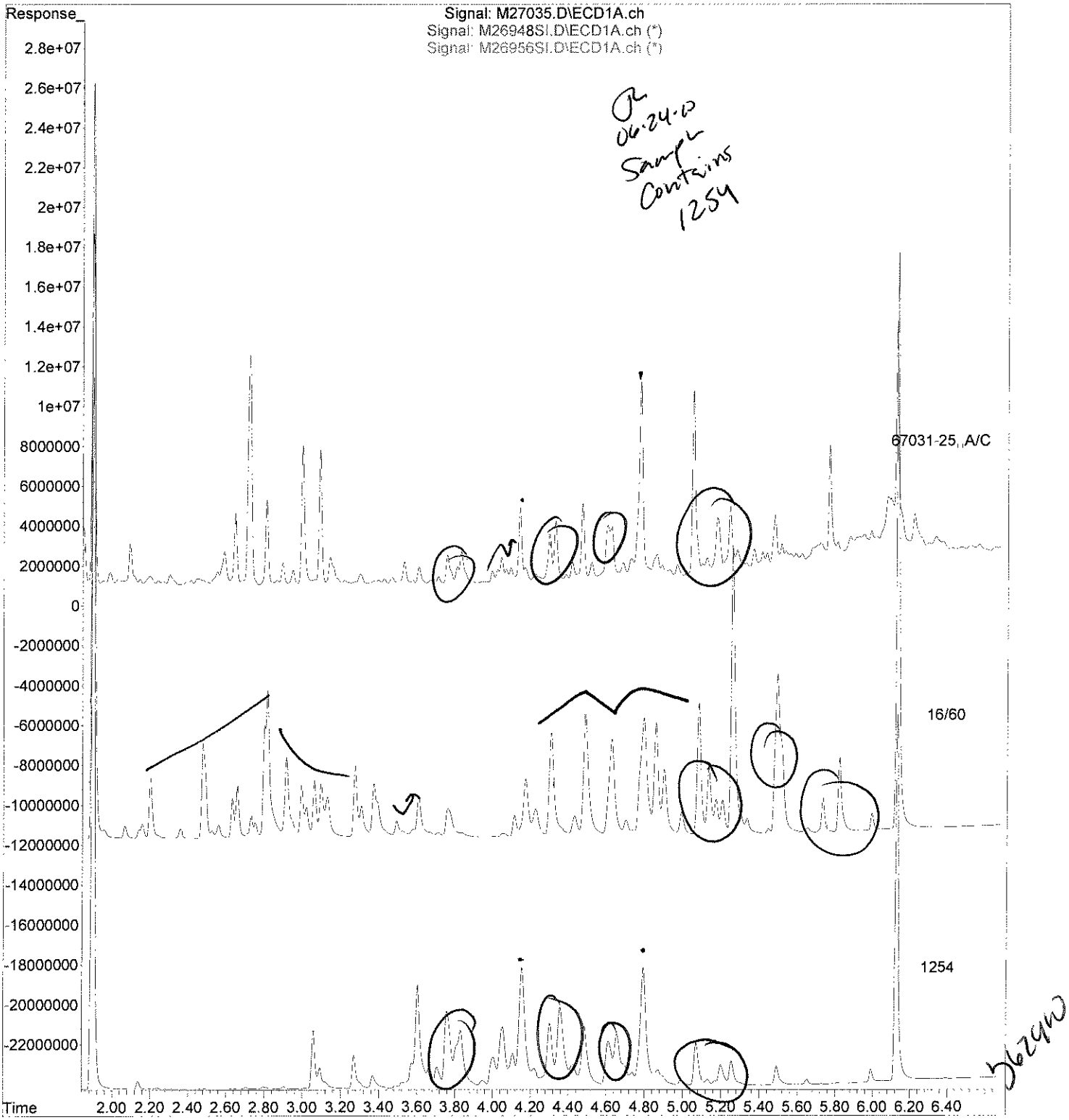
Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 24 09:42:44 2010
Quant Method : C:\msdchem\1\METHODS\PCB062210.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 22 14:51:48 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





File :C:\msdchem\1\DATA\062310-M\M27035.D
Operator : JK
Acquired : 23 Jun 2010 5:42 pm using AcqMethod PEST.M
Instrument : Instrument M
Sample Name: 67031-25,,A/C
Misc Info : SOIL
Vial Number: 19



analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 24, 2010

SAMPLE DATA

Lab Sample ID:	67031-26
Matrix:	Solid
Percent Solid:	91
Dilution Factor:	1.1
Collection Date:	06/21/10
Lab Receipt Date:	06/22/10
Extraction Date:	06/22/10
Analysis Date:	06/23/10

CLIENT SAMPLE ID

Project Name:	AMISTAD ACADEMY
Project Number:	223019
Field Sample ID:	AA-VSS-095

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	36	U
PCB-1221	36	U
PCB-1232	36	U
PCB-1242	36	U
PCB-1248	36	U
PCB-1254	36	U
PCB-1260	36	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	90	%
Decachlorobiphenyl	59	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

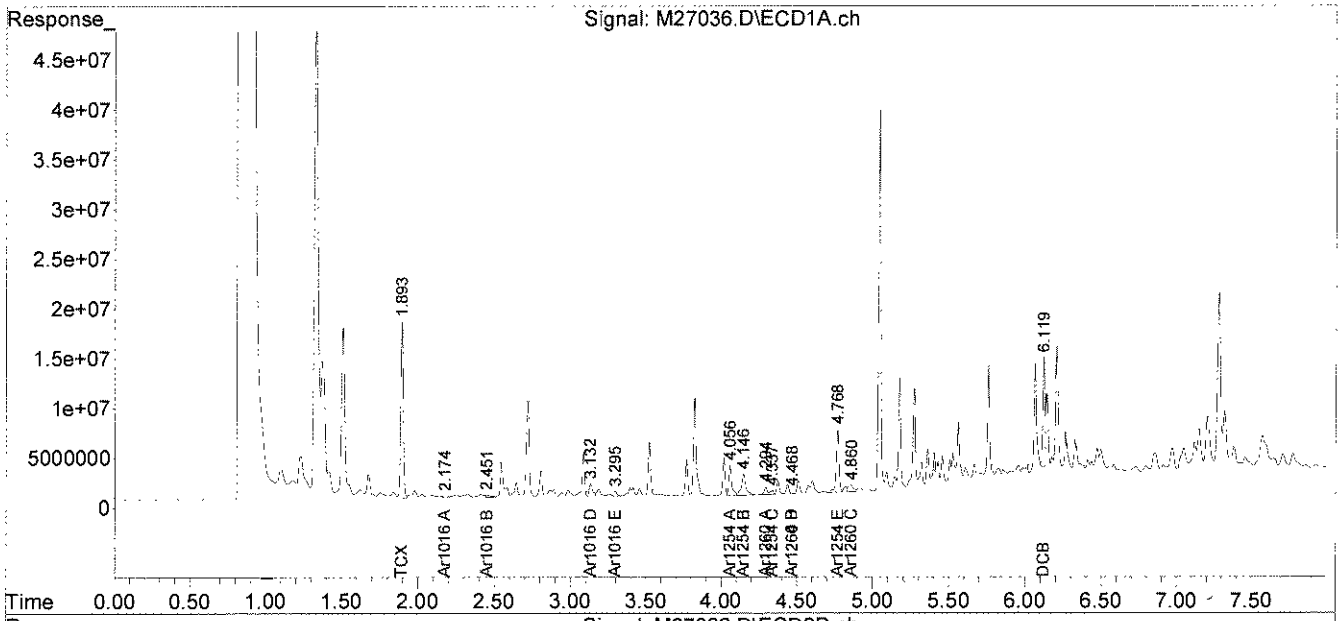
Authorized signature

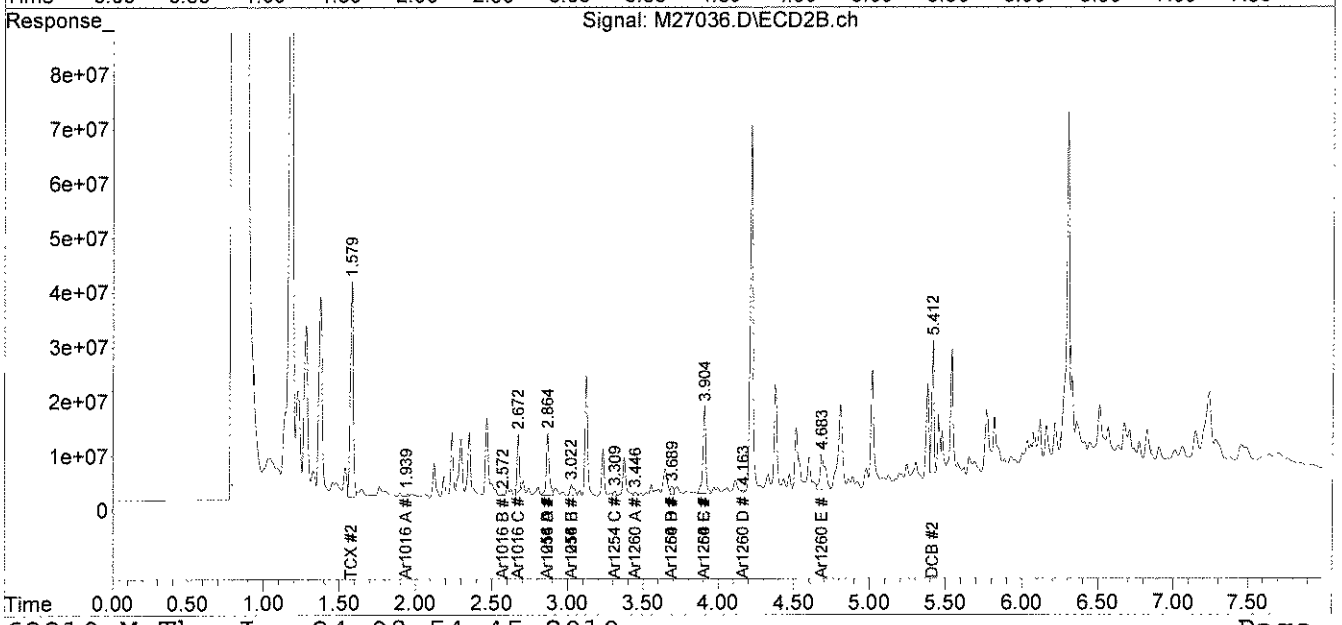
Data Path : C:\msdchem\1\DATA\062310-M\
Data File : M27036.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jun 2010 5:52 pm
Operator : JK
Sample : 67031-26,,A/C
Misc : SOIL
ALS Vial : 20 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 24 08:54:38 2010
Quant Method : C:\msdchem\1\METHODS\PCB062210.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 22 14:51:48 2010
Response via : Initial Calibration
Integrator: ChemStation

JL 06.24.10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





JL 6.24.10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 24, 2010

SAMPLE DATA

Lab Sample ID:	67031-27
Matrix:	Solid
Percent Solid:	91
Dilution Factor:	1.0
Collection Date:	06/21/10
Lab Receipt Date:	06/22/10
Extraction Date:	06/22/10
Analysis Date:	06/23/10

CLIENT SAMPLE ID

Project Name:	AMISTAD ACADEMY
Project Number:	223019
Field Sample ID:	AA-VSS-096

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	93	%
Decachlorobiphenyl	56	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

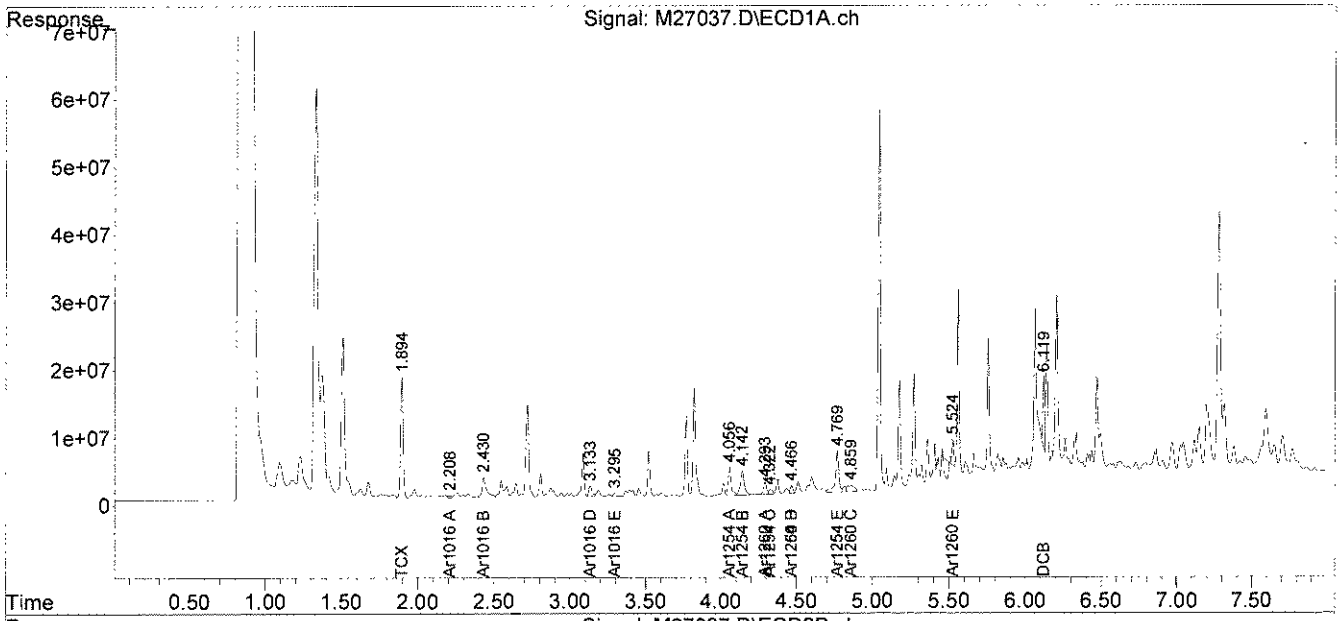
Quantitation Report (QT Reviewed)

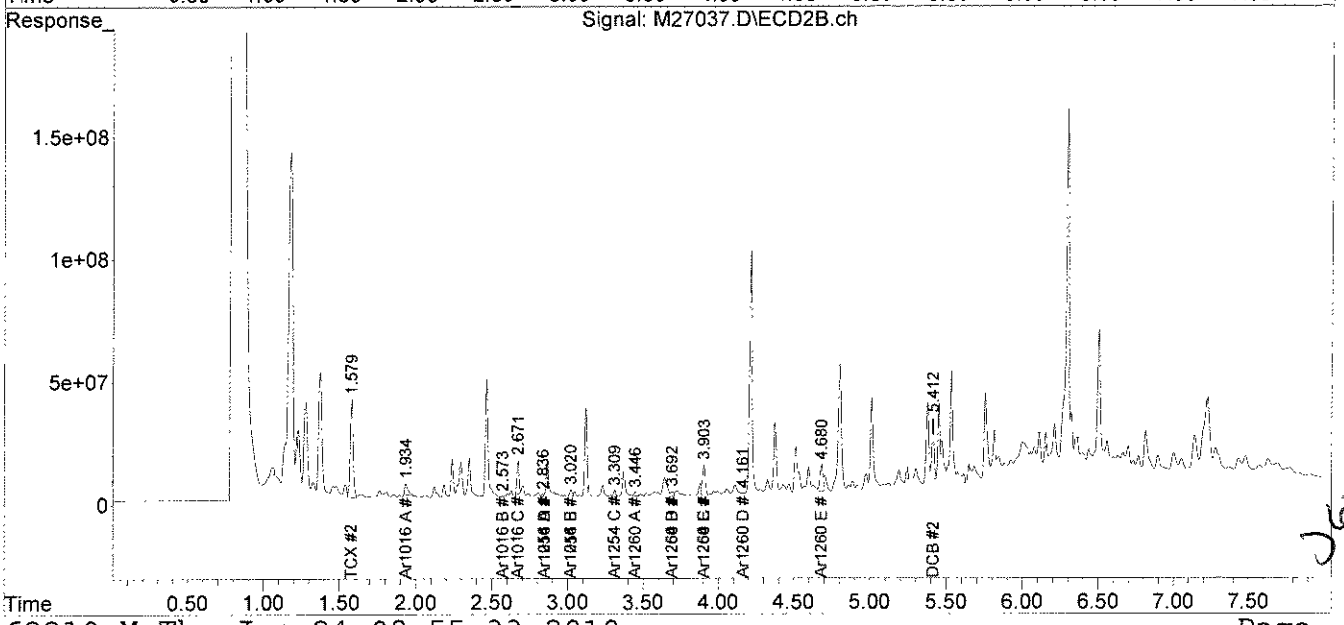
Data Path : C:\msdchem\1\DATA\062310-M\
Data File : M27037.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jun 2010 6:02 pm
Operator : JK
Sample : 67031-27,,A/C
Misc : SOIL
ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 24 08:55:25 2010
Quant Method : C:\msdchem\1\METHODS\PCB062210.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 22 14:51:48 2010
Response via : Initial Calibration
Integrator: ChemStation

JK 06.24.10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





JK 6.24.10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 29, 2010

SAMPLE DATA

Lab Sample ID:	67031-28 RX
Matrix:	Solid
Percent Solid:	96
Dilution Factor:	1.0
Collection Date:	06/21/10
Lab Receipt Date:	06/22/10
Extraction Date:	06/24/10
Analysis Date:	06/28/10

CLIENT SAMPLE ID

Project Name:	AMISTAD ACADEMY
Project Number:	223019
Field Sample ID:	AA-VSS-097

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	34	U
PCB-1221	34	U
PCB-1232	34	U
PCB-1242	34	U
PCB-1248	34	U
PCB-1254	34	U
PCB-1260	34	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	54	%
Decachlorobiphenyl	53	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis. The closing continuing calibration standard had low recoverfor Decachlorobiphenyl. The analytical window was reanalyzed with similar results.

PCB Report

Authorized signature

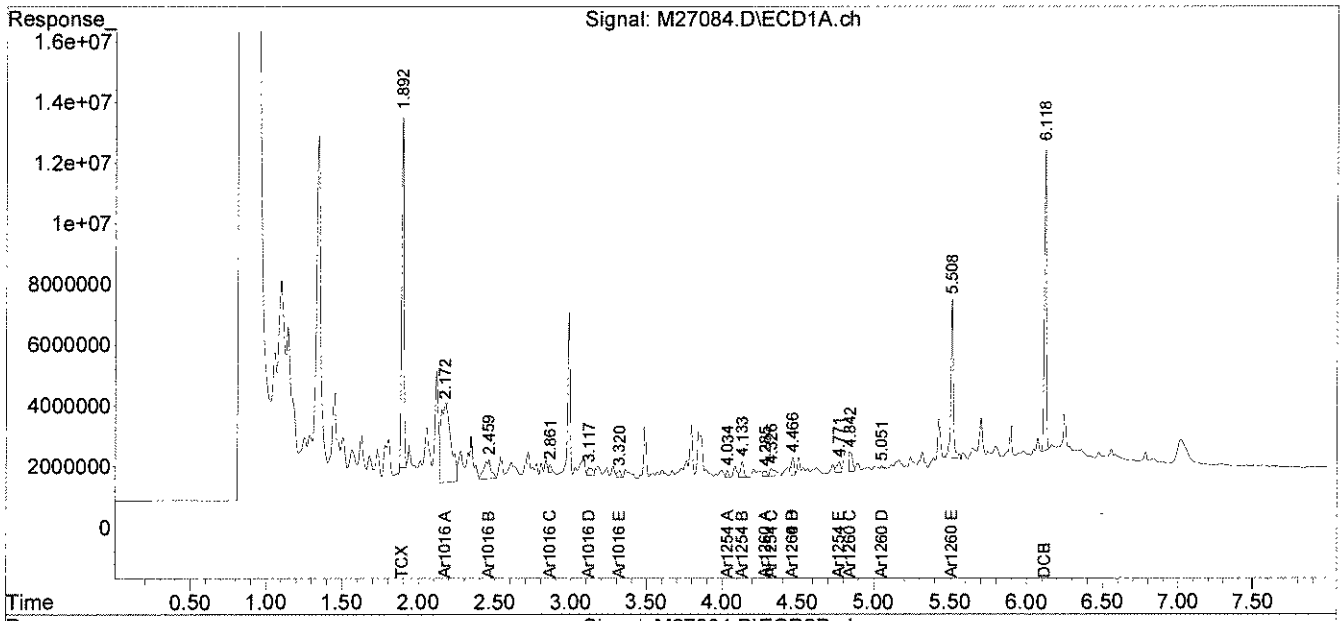
Quantitation Report (QT Reviewed)

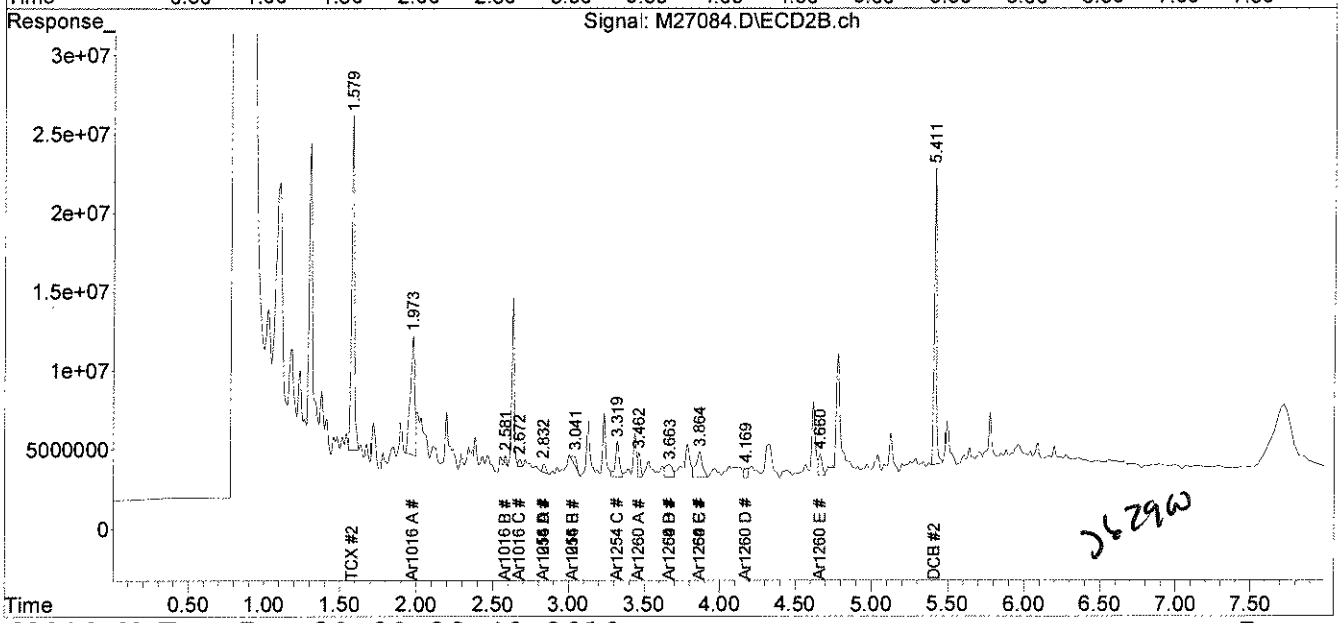
Data Path : C:\msdchem\1\DATA\062810-M\
Data File : M27084.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jun 2010 3:10 pm
Operator : JK
Sample : 67031-28,REX,,A/C
Misc : SOIL
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 29 09:28:32 2010
Quant Method : C:\msdchem\1\METHODS\PCB062210.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 22 14:51:48 2010
Response via : Initial Calibration
Integrator: ChemStation

JR 06.29.10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





JR 29 Jun

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 24, 2010

SAMPLE DATA

Lab Sample ID:	67031-29
Matrix:	Solid
Percent Solid:	91
Dilution Factor:	1.1
Collection Date:	06/21/10
Lab Receipt Date:	06/22/10
Extraction Date:	06/22/10
Analysis Date:	06/23/10

CLIENT SAMPLE ID

Project Name:	AMISTAD ACADEMY
Project Number:	223019
Field Sample ID:	AA-VCC-069

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	36	U
PCB-1221	36	U
PCB-1232	36	U
PCB-1242	36	U
PCB-1248	36	U
PCB-1254	36	**602**
PCB-1260	36	**292**

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	103	%
Decachlorobiphenyl	121	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67031
Sample: 67031-29,,A/C
Data File: M27039.D
Dilution Factor: 1.1

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1260	292	239	20.1	
PCB 1254	484	602	21.8	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

PCB FORM 10

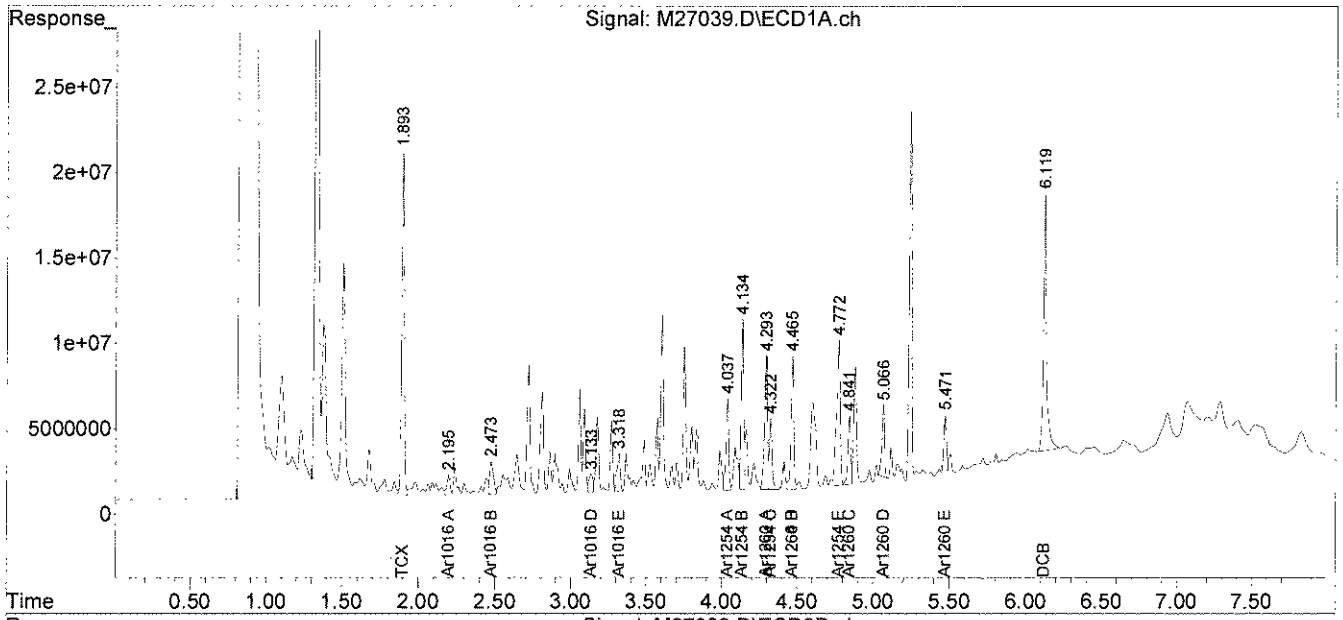
Quantitation Report (QT Reviewed)

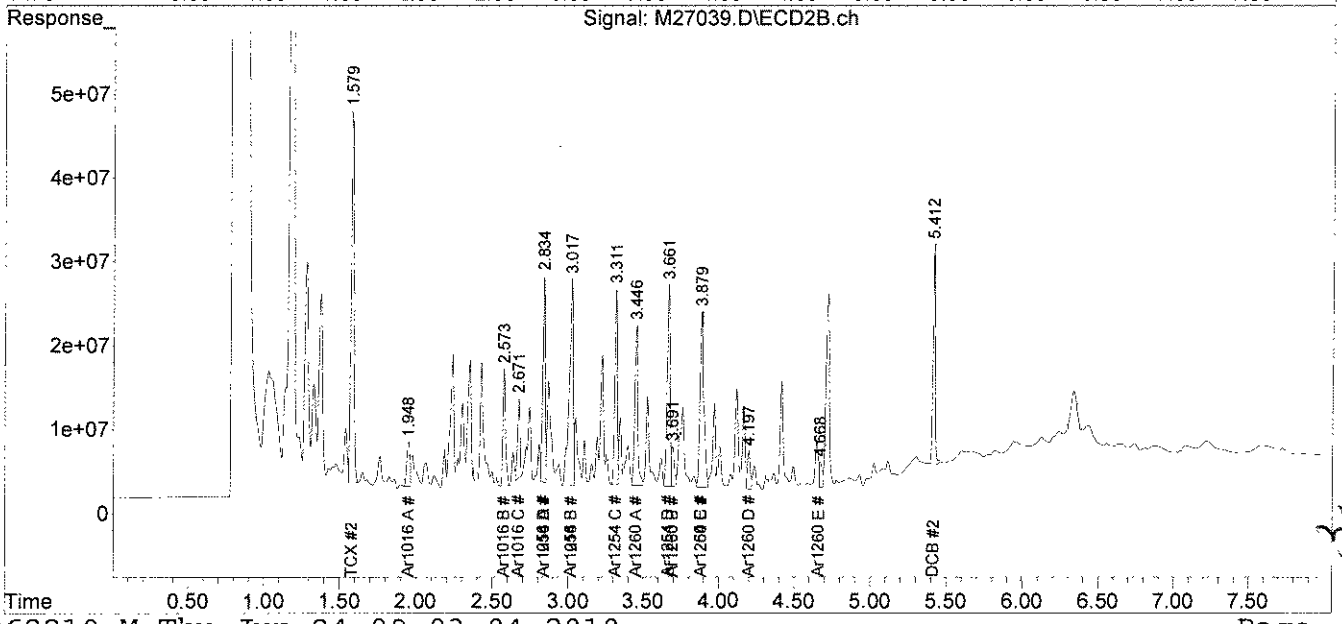
Data Path : C:\msdchem\1\DATA\062310-M\
Data File : M27039.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jun 2010 6:23 pm
Operator : JK
Sample : 67031-29,,A/C
Misc : SOIL
ALS Vial : 23 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 24 09:02:50 2010
Quant Method : C:\msdchem\1\METHODS\PCB062210.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 22 14:51:48 2010
Response via : Initial Calibration
Integrator: ChemStation

JL 06.24.10

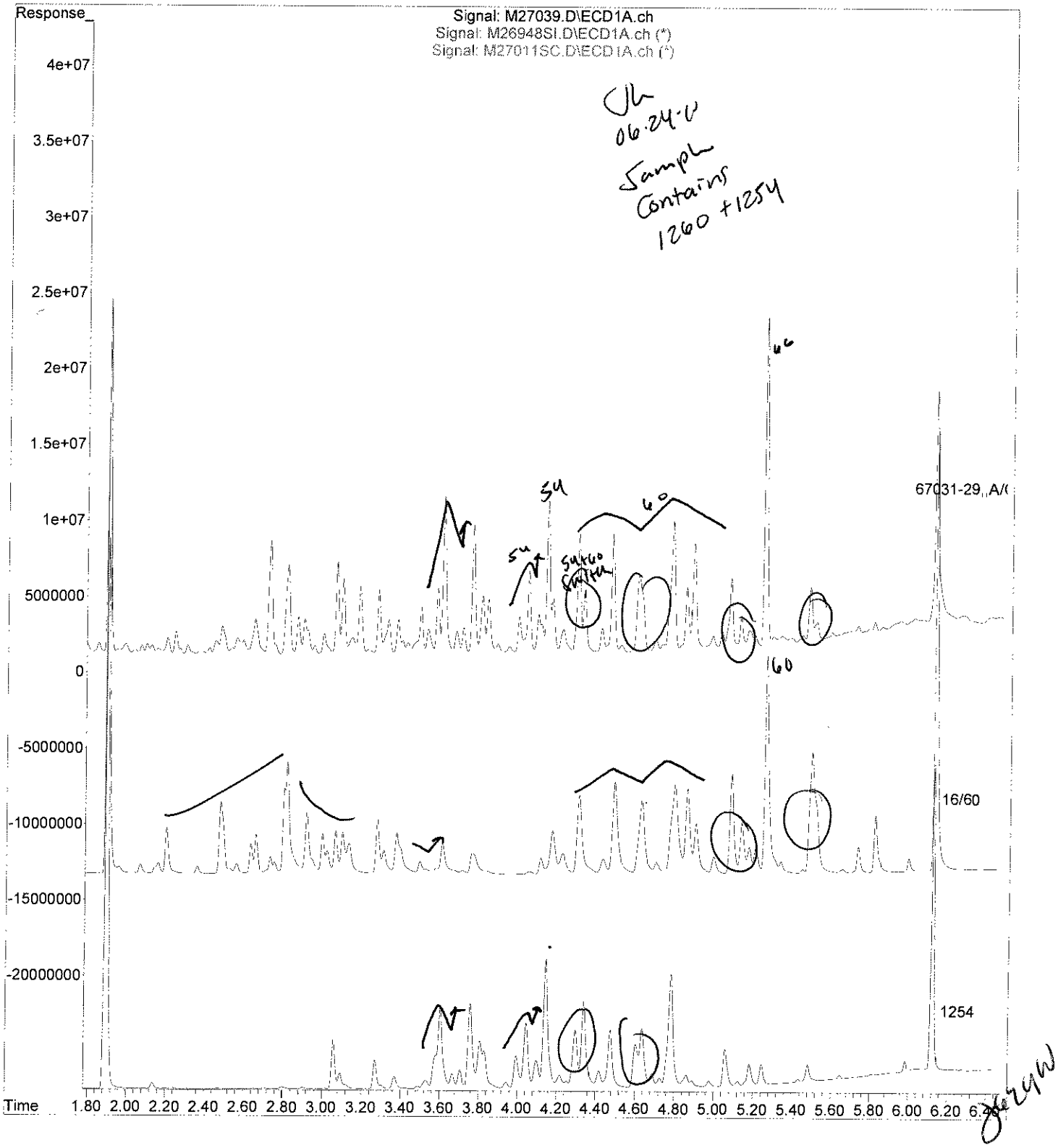
Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





3624W

File :C:\msdchem\1\DATA\062310-M\M27039.D
Operator : JK
Acquired : 23 Jun 2010 6:23 pm using AcqMethod PEST.M
Instrument : Instrument M
Sample Name: 67031-29,,A/C
Misc Info : SOIL
Vial Number: 23



PCB
QC FORMS

AnalyticsLLC:AEL Documents LLC:Pkg Dividers:PCBQC.doc

PCB SOIL
SYSTEM MONITORING COMPOUNDS
SUMMARY

Instrument ID: L
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67031

	Column #1				Column #2			
SAMPLE ID	SMC 1 (%)	#	SMC 2 (%)	#	SMC 1 (%)	#	SMC 2 (%)	#
B062210PSOX,,A/C	102		57		93		48	
L062210PSOX,,A/C	103		59		95		55	
LD062210PSOX,,A/C	102		60		93		56	
67031-1,MS,,A/C	105		65		102		59	
67031-1,,A/C	105		62		102		58	
67031-1,MSD,,A/C	100		53		97		55	
67031-2,,A/C	105		61		102		54	
67031-3,,A/C	102		61		99		55	
67031-4,,A/C	100		59		95		55	
67031-5,,A/C	104		58		99		54	
67031-6,,A/C	105		61		100		53	
67031-7,,A/C	103		60		98		54	
67031-8,,A/C	106		63		100		56	
67031-9,,A/C	107		60		102		57	
67031-10,,A/C	104		62		97		57	

		Lower Limit	Upper Limit
SMC #1 =	TCX	40	130
SMC #2 =	DCB	40	130

\# Column to be used to flag recovery values outside of QC limits
* Values outside QC limits
D System Monitoring Compound diluted out

PCB SOIL
SYSTEM MONITORING COMPOUNDS
SUMMARY

Instrument ID: L
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67031

	Column #1				Column #2			
SAMPLE ID	SMC 1 (%)	#	SMC 2 (%)	#	SMC 1 (%)	#	SMC 2 (%)	#
B062210PSOX,RR,,A/C	106		61		92		48	
67031-11,,A/C	107		63		98		57	
67031-13,,A/C	101		63		95		58	
67031-14,,A/C	104		54		99		60	
67031-15,,A/C	102		55		98		61	
67031-16,,A/C	106		65		100		59	
67031-17,,A/C	103		58		96		65	
67031-18,,A/C	108		66		102		59	
67031-19,,A/C	104		63		97		55	
67031-20,,A/C	105		63		99		53	
67031-21,,A/C	109		66		101		62	

		Lower Limit	Upper Limit
SMC #1 =	TCX	40	130
SMC #2 =	DCB	40	130

Column to be used to flag recovery values outside of QC limits
* Values outside QC limits
D System Monitoring Compound diluted out

PCB FORM 2

PCB SOIL
SYSTEM MONITORING COMPOUNDS
SUMMARY

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67031

	Column #1				Column #2			
SAMPLE ID	SMC 1 (%)	#	SMC 2 (%)	#	SMC 1 (%)	#	SMC 2 (%)	#
B062310PW	89		45		86		43	
L062310PWB	92		47		85		46	
LD062310PWB	92		47		88		46	
67031-12	88		32	*	83		33	*

		Lower Limit	Upper Limit
SMC #1 =	TCX	46	122
SMC #2 =	DCB	40	135

Column to be used to flag recovery values outside of QC limits
* Values outside QC limits
D System Monitoring Compound diluted out

PCB FORM 2

PCB SOIL
SYSTEM MONITORING COMPOUNDS
SUMMARY

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67031

	Column #1				Column #2			
SAMPLE ID	SMC 1 (%)	#	SMC 2 (%)	#	SMC 1 (%)	#	SMC 2 (%)	#
B062210PSOX2,,A/C	99		63		85		59	
L062210PSOX2,,A/C	98		64		88		55	
LD062210PSOX2,,A/C	100		63		86		58	
67031-22,,A/C	93		61		83		58	
67031-23,,A/C	91		63		84		55	
67031-23,MS,,A/C	91		64		79		53	
67031-23,MSD,,A/C	91		67		81		57	
67031-24,,A/C	92		59		78		50	
67031-25,,A/C	92		46		78		47	
67031-26,,A/C	90		59		78		49	
67031-27,,A/C	93		56		79		48	
67031-28,,A/C	52		35	*	33	*	27	*
67031-29,,A/C	103		121		89		50	

		Lower Limit	Upper Limit
SMC #1 =	TCX	40	130
SMC #2 =	DCB	40	130

Column to be used to flag recovery values outside of QC limits
* Values outside QC limits
D System Monitoring Compound diluted out

PCB FORM 2

PCB SOIL
SYSTEM MONITORING COMPOUNDS
SUMMARY

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67031

	Column #1				Column #2			
SAMPLE ID	SMC 1 (%)	#	SMC 2 (%)	#	SMC 1 (%)	#	SMC 2 (%)	#
B062410PSOX,,A/C	106		66		95		63	
L062410PSOX,,A/C	109		67		94		64	
LD062410PSOX,,A/C	105		68		95		61	
67031-28,REX,,A/C	54		53		41		38	*

		Lower Limit	Upper Limit
SMC #1 =	TCX	40	130
SMC #2 =	DCB	40	130

Column to be used to flag recovery values outside of QC limits
* Values outside QC limits
D System Monitoring Compound diluted out

PCB FORM 2

PCB SOIL
LABORATORY CONTROL SAMPLE/DUPLICATE
PERCENT RECOVERY

Instrument ID: M

GC Column #1: STX-CLPesticides I

Column ID: 0.25 mm

GC Column #2: STX-CLPesticides II

Column ID: 0.25 mm

SDG: 67031

Non-spiked sample: B062210PSOX,,A/C

Spike: L062210PSOX,,A/C

Spike duplicate: LD062210PSOX,,A/C

COMPOUND	LCS SPIKE ADDED (ug/kg)	LCSD SPIKE ADDED (ug/kg)	LOWER LIMIT	UPPER LIMIT	RPD LIMIT	NON-SPIKE RESULT (ug/kg)	SPIKE RESULT (ug/kg)	SPIKE % REC	#	SPIKE DUP RESULT (ug/kg)	SPIKE DUP % REC	#	RPD	#
PCB 1016	200	200	65	140	30	0	207	104		216	108		3.9	
PCB 1260	200	200	60	130	30	0	193	96		199	99		3.0	
PCB 1016 #2	200	200	65	140	30	0	251	125		259	130		3.3	
PCB 1260 #2	200	200	60	130	30	0	194	97		196	98		1.0	

Column to be used to flag recovery and RPD values outside of QC limits

* Values outside QC limits

LCS/LCSD spike added values have been weight adjusted.

Non-spike result of "0" used in place of "U" to allow calculation of spike recovery.

Comments: _____

_____

PCB SOIL
MATRIX SPIKE/DUPLICATE
PERCENT RECOVERY

Instrument ID: M

GC Column #1: STX-CLPesticides I

Column ID: 0.25 mm

GC Column #2: STX-CLPesticides II

Column ID: 0.25 mm

SDG: 67031

Non-spiked sample: 67031-1,,A/C

Spike: 67031-1,MS,,A/C

Spike duplicate: 67031-1,MSD,,A/C

COMPOUND	LCS SPIKE ADDED (ug/kg)	LCSD SPIKE ADDED (ug/kg)	LOWER LIMIT	UPPER LIMIT	RPD LIMIT	NON-SPIKE RESULT (ug/kg)	SPIKE RESULT (ug/kg)	SPIKE % REC	#	SPIKE DUP RESULT (ug/kg)	SPIKE DUP % REC	#	RPD	#
PCB 1016	198	214	65	140	30	0	204	103		209	98		5.9	
PCB 1260	198	214	60	130	30	0	241	122		256	120		1.9	
PCB 1016 #2	198	214	65	140	30	0	242	122		260	122		0.6	
PCB 1260 #2	198	214	60	130	30	0	225	114		227	106		7.0	

Column to be used to flag recovery and RPD values outside of QC limits

* Values outside QC limits

LCS/LCSD spike added values have been weight adjusted.

Non-spike result of "0" used in place of "U" to allow calculation of spike recovery.

Comments: _____

_____

PCB FORM 3

PCB AQUEOUS
LABORATORY CONTROL SAMPLE/DUPLICATE
PERCENT RECOVERY

Instrument ID: M

GC Column #1: STX-CLPesticides I

Column ID: 0.25 mm

GC Column #2: STX-CLPesticides II

Column ID: 0.25 mm

SDG: 67031

Non-spiked sample: B062310PW

Spike: L062310PWB

Spike duplicate: LD062310PWB

COMPOUND	LCS SPIKE ADDED (ug/L)	LCSD SPIKE ADDED (ug/L)	LOWER LIMIT	UPPER LIMIT	RPD LIMIT	NON-SPIKE RESULT (ug/L)	SPIKE RESULT (ug/L)	SPIKE % REC	#	SPIKE DUP RESULT (ug/L)	SPIKE DUP % REC	#	RPD	#
PCB 1016	2.00	2.00	79	113	30	0	1.72	86		1.81	91		5.1	
PCB 1260	2.00	2.00	58	115	30	0	1.72	86		1.75	87		1.9	
PCB 1016 #2	2.00	2.00	81	112	30	0	1.93	97		2.12	106		9.5	
PCB 1260 #2	2.00	2.00	54	123	30	0	1.85	93		1.89	94		2.0	

Column to be used to flag recovery and RPD values outside of QC limits

* Values outside QC limits

LCS/LCSD spike added values have been weight adjusted.

Non-spike result of "0" used in place of "U" to allow calculation of spike recovery.

Comments: _____

_____

PCB FORM 3

PCB SOIL
LABORATORY CONTROL SAMPLE/DUPLICATE
PERCENT RECOVERY

Instrument ID: M

GC Column #1: STX-CLPesticides I

Column ID: 0.25 mm

GC Column #2: STX-CLPesticides II

Column ID: 0.25 mm

SDG: 67031

Non-spiked sample: B062210PSOX2,,A/C

Spike: L062210PSOX2,,A/C

Spike duplicate: LD062210PSOX2,,A/C

COMPOUND	LCS SPIKE ADDED (ug/kg)	LCSD SPIKE ADDED (ug/kg)	LOWER LIMIT	UPPER LIMIT	RPD LIMIT	NON-SPIKE RESULT (ug/kg)	SPIKE RESULT (ug/kg)	SPIKE % REC	#	SPIKE DUP RESULT (ug/kg)	SPIKE DUP % REC	#	RPD	#
PCB 1016	200	200	65	140	30	0	219	110		267	134		19.6	
PCB 1260	200	200	60	130	30	0	205	103		218	109		6.0	
PCB 1016 #2	200	200	65	140	30	0	226	113		226	113		0.3	
PCB 1260 #2	200	200	60	130	30	0	196	98		202	101		2.8	

Column to be used to flag recovery and RPD values outside of QC limits

* Values outside QC limits

LCS/LCSD spike added values have been weight adjusted.

Non-spike result of "0" used in place of "U" to allow calculation of spike recovery.

Comments: _____

_____

PCB FORM 3

PCB SOIL
MATRIX SPIKE/DUPLICATE
PERCENT RECOVERY

Instrument ID: M

GC Column #1: STX-CLPesticides I

Column ID: 0.25 mm

GC Column #2: STX-CLPesticides II

Column ID: 0.25 mm

SDG: 67031

Non-spiked sample: 67031-23,,A/C

Spike: 67031-23,MS,,A/C

Spike duplicate: 67031-23,MSD,,A/C

COMPOUND	LCS SPIKE ADDED (ug/kg)	LCSD SPIKE ADDED (ug/kg)	LOWER LIMIT	UPPER LIMIT	RPD LIMIT	NON-SPIKE RESULT (ug/kg)	SPIKE RESULT (ug/kg)	SPIKE % REC	#	SPIKE DUP RESULT (ug/kg)	SPIKE DUP % REC	#	RPD	#
PCB 1016	206	209	65	140	30	0	229	111		227	108		2.8	
PCB 1260	206	209	60	130	30	0	219	106		263	126		16.8	
PCB 1016 #2	206	209	65	140	30	0	240	117		234	112		4.5	
PCB 1260 #2	206	209	60	130	30	0	218	106		193	92		14.0	

Column to be used to flag recovery and RPD values outside of QC limits

* Values outside QC limits

LCS/LCSD spike added values have been weight adjusted.

Non-spike result of "0" used in place of "U" to allow calculation of spike recovery.

Comments: _____

_____

PCB FORM 3

PCB SOIL
LABORATORY CONTROL SAMPLE/DUPLICATE
PERCENT RECOVERY

Instrument ID: M

GC Column #1: STX-CLPesticides I

Column ID: 0.25 mm

GC Column #2: STX-CLPesticides II

Column ID: 0.25 mm

SDG: 67031

Non-spiked sample: B062410PSOX,,A/C

Spike: L062410PSOX,,A/C

Spike duplicate: LD062410PSOX,,A/C

COMPOUND	LCS SPIKE ADDED (ug/kg)	LCSD SPIKE ADDED (ug/kg)	LOWER LIMIT	UPPER LIMIT	RPD LIMIT	NON-SPIKE RESULT (ug/kg)	SPIKE RESULT (ug/kg)	SPIKE % REC	#	SPIKE DUP RESULT (ug/kg)	SPIKE DUP % REC	#	RPD	#
PCB 1016	200	200	65	140	30	0	219	109		226	113		3.2	
PCB 1260	200	200	60	130	30	0	218	109		203	102		7.0	
PCB 1016 #2	200	200	65	140	30	0	267	134		242	121		10.0	
PCB 1260 #2	200	200	60	130	30	0	207	103		180	90		13.7	

Column to be used to flag recovery and RPD values outside of QC limits

* Values outside QC limits

LCS/LCSD spike added values have been weight adjusted.

Non-spike result of "0" used in place of "U" to allow calculation of spike recovery.

Comments: _____

_____

CHAIN OF CUSTODIES

Chain Of Custody Form

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, NH 03801
Phone (603) 436-5111
Fax (603) 430-2151

For Analytics Use Only Rev. 5 06/18/08

Samples were:
1) Shipped or hand-delivered
2) Temp blank °C 3.7°C
3) Received in good condition Y or N
4) pH checked by: NA
5) Labels checked by: CP 6/22/10

Project#: 223019 Proj. Name: AMISTAD ACADEMY
Company: Woodard &Curran
Contact: GEORGE FRANKLIN / JEFF HAMEL
Address: 41 Hutchins Drive
Portland, ME
Phone: (207)774-2112 PO# Quote # WCI03051001
Sampler (Signature): Jesse Abbott

Matrix Key:
C = Concrete
WP = Wipe
WW = Wastewater
SW = Surface Water
GW = Groundwater
DW = Drinking Water
S = Soil/Sludge
D = Dil
E = Extract

Container Key
P=plastic G=glass

Preservation

Station Identification	Sample Date	Sample Time	Analysis	Unpres	4° C	HNO_3	H_2SO_4	HCL	Methanol	Other	Matrix	Container number/tvoe		pH	Analytics Sample #
AA-VSS-070	6/21/10	0910	PCB's by U.S. E.P.A. 8082 w/ Soxhlet Extraction		✓						S	1	G		67031-1
AA-VSS-071		0920			✓						S	1	G		-2
AA-VSS-072		0930			✓						S	1	G		-3
AA-VSS-073		0940			✓						S	1	G		-4
AA-VSS-074		1110			✓						S	1	G		-5
AA-VSS-075		1120			✓						S	1	G		-6
AA-VSS-076		1130			✓						S	1	G		-7
AA-VSS-077		1140			✓						S	1	G		-8
AA-VSS-078		1145			✓						S	1	G		-9
AA-VSS-079		1150			✓						S	1	G		-10
AA-VSS-580		1155			✓						S	1	G		-11

Email Results to:
gfranklin@woodardcurran.com
jhamel@...

Comments / Instructions:
R.L. ≤1 mg/kg.

Turnaround Time (TAT)
- [x] 24hr*
- [ ] 48hr*
- [ ] 72hr*
- [x] 5 Days* ~~STD TURN AROUND TIME 3-5 DAYS~~
- [ ] 10 Days

*Fee may apply; lab approval required

Project Requirements:
*Fee may apply

Report Type:
- [ ] MCP*
- [x] Level II*
- [ ] CTRCP*
- [ ] Level III*
- [ ] DOD*
- [ ] Level IV*
- [ ] Standard

State:
- [ ] NH
- [ ] MA
- [ ] ME
- [x] CT
- [ ] RI
- Other:

State Standard:
(eg. S-1 or GW-1)

EDD Required: Y* N
Type: .xls

Received By: FedEx Time: Date: 6/21/10
Received By: Jaelyn Time: 930 Date: 6/22/10
Received By: JB 6/22/10 Time: Date:
Relinquished By Sampler: Jesse Abbott Date: 6/21/10
Relinquished By: FedEx Date: 6/22/10
Relinquished By: Date:

Analytics\AEL Documents\AEL COC

Page 1 of 3

Chain Of Custody Form

analytics environmental laboratory LLC

19S Commerce Way Suite E
Portsmouth, NH 03801
Phone (603) 436-5111
Fax (603) 430-2151

For Analytics Use Only Rev. 5 06/18/08

Samples were:
1) Shipped or hand-delivered
2) Temp blank °C 3.7°C
3) Received in good condition Y or N
4) pH checked by: JB 6/22/10
5) Labels checked by: CR 6/22/10

Project#: 223019 Proj. Name: AMISTAD ACADEMY
Company: Woodard &Curran
Contact: GEORGE FRANKLIN / JEFF
Address: 41 Hutchins Drive
Portland, ME
Phone: (207)774-2112 PO# Quote # WCI0385 1001
Sampler (Signature): JESSE TEROZ R

Matrix Key:
C = Concrete
WP = Wipe
WW = Wastewater
SW = Surface Water
GW = Groundwater
DW = Drinking Water
S = Soil/Sludge
O = Oil
E = Extract
D-LAB DI

Container Key
P=plastic G=glass

Preservation

Station Identification	Sample Date	Sample Time	Analysis	Unpres	4° C	HNO_3	H_2SO_4	HCL	Methanol	Other	Matrix	Container number/type		pH	Analytics Sample #
AA-VSS-Q-081	6/21/10	1210	PCB's by U.S. EPA. 8082 w/ Soxhlet Extraction		✓						D	1	G	5.5	67031-12
AA-VSS-082		1215			✓						S				-13
AA-VSS-083		1220			✓						S				-14
AA-VSS-084		1225			✓						S				-15
AA-VSS-085		1230			✓						S				-16
AA-VSS-086		1235			✓						S				-17
AA-VSS-087		1240			✓						S				-18
AA-VSS-088		1245			✓						S				-19
AA-VSS-089		1250			✓						S				-20
AA-VSS-090		1310			✓						S				-21
AA-VSS-091		1315			✓						S				-22

Email Results to:
sfranklin@woodardcurran.com
jhamel@...

Turnaround Time (TAT)
- [x] 24hr*
- [ ] 48hr*
- [ ] 72hr*
- [ ] 5 Days*
- [ ] 10 Days

*Fee may apply; lab approval required

Comments / Instructions:
R.L. ≤1.0 mg/kg
*Amber liter for PCB ag. tested neg. for Cl w/KI paper JB 6/22/10

Project Requirements:
*Fee may apply

Report Type:
- [ ] MCP*
- [x] Level II*
- [ ] CTRCP*
- [ ] Level III*
- [ ] DOD*
- [ ] Level IV*
- [ ] Standard

State:
- [ ] NH
- [ ] MA
- [ ] ME
- [x] CT
- [ ] RI

Other:

State Standard:
(eg. S-1 or GW-1)

EDD Required: Y N
Type: .xls

Received By: FedEx Time: Date: 6/21/10
Received By: [signature] Time: 930 Date: 6/22/10
Received By: JB 6/22/10 Time: Date:
Relinquished By Sampler: JESSE TEROZ R
Relinquished By: FedEx
Relinquished By:

Analytics\AEL Documents\AEL COC

Page 2 of 3

Chain Of Custody Form

Analytics environmental laboratory LLC
195 Commerce Way Suite E
Portsmouth, NH 03801
Phone (603) 436-5111
Fax (603) 430-2151

For Analytics Use Only Rev. 5 06/18/08
Samples were:
1) Shipped or hand-delivered
2) Temp blank °C 3.7°C
3) Received in good condition Y or N
4) pH checked by: NA
5) Labels checked by: CR 6/22/10

Project#: 223019 Proj. Name: AMISTAD ACADEMY
Company: Woodard &Curran
Contact: GEORGE FRANKLIN / JEFF HAMEL
Address: 41 Hutchins Drive
Portland, ME
Phone: (207)774-2112 PO# Quote # WCF0305 1001
Sampler (Signature): Jessica Hopkins

Matrix Key:
C = Concrete
WP = Wipe
WW = Wastewater
SW = Surface Water
GW = Groundwater
OW = Drinking Water
S = Soil/Sludge
O = Oil
E = Extract

Container Key
P=plastic G=glass

Preservation

Station Identification	Sample Date	Sample Time	Analysis	Unpres	4° C	HNO_3	H_2SO_4	HCL	Methanol	Other	Matrix	Container number/type		pH	Analytics Sample #
AA-VSS-092	6/21/10	1320	PCB's by U.S. EPA. 8082 w/ Soxhlet Extraction		✓						S	1	G		67031-23
AA-VSS-093		1330			✓						S	1	G		-24
AA-VSS-094		1335			✓						S	1	G		-25
AA-VSS-095		1340			✓						S	1	G		-26
AA-VSS-096		1345			✓						S	1	G		-27
AA-VCC-097		1350			✓						C	1	G		-28
AA-VCC-069	6/21/10	820													-29

JSB 6/22/10

Received By: FedEx Time: Date: 6/21/10
Received By: Time: 930 Date: 6/22/10
Received By: Time: Date:
Relinquished By Sampler: Jessica Hopkins
Relinquished By: FedEx
Relinquished By:

Email Results to:
gfranklin@woodardcurran.com
jhamel@...

Turnaround Time (TAT)
☑ 24hr* ☐ 48hr*
☐ 72hr* ☐ 5 Days*
☐ 10 Days
*Fee may apply; lab approval required

Comments / Instructions:
R.L. ≤ 1.0 mg/kg.
*Sample was not on chain but in cooler with other samples — OK per George Franklin to add
JSB 6/22/10

Project Requirements:
*Fee may apply

Report Type:
☐ MCP* ☑ Level II*
☐ CTRCP* ☐ Level III*
☐ DOD* ☐ Level IV*
☐ Standard

State:
☐ NH
☐ MA
☐ ME
☑ CT
☐ RI
Other:

State Standard:
(eg. S-1 or GW-1)
EDD Required: Y N
Type: XLS

Analytics\AEL Documents\AEL COC

Page 3 of 3

ANALYTICS SAMPLE RECEIPT CHECKLIST

analytics environmental laboratory LLC

AEL LAB#: 67031
CLIENT: Woodard & Curran
PROJECT: Amistad Academy

COOLER NUMBER: NA
NUMBER OF COOLERS: 1
DATE RECEIVED: 6/22/10

A: PRELIMINARY EXAMINATION:

DATE COOLER OPENED: 6/22/10
Date Received: 6/22/10

1. Cooler received by(initials): JB
2. Circle one: Hand delivered (If so, skip 3) Shipped
3. Did cooler come with a shipping slip? Y N
   3a. Enter carrier name and airbill number here: FedEx 7987 7868 3670
4. Were custody seals on the outside of cooler? Y N
   How many & where: 2 on lid Seal Date: NA Seal Name: NA
5. Did the custody seals arrive unbroken and intact upon arrival? Y N
6. COC#: NA
7. Were Custody papers filled out properly (ink,signed, etc)? Y N
8. Were custody papers sealed in a plastic bag? Y N
9. Did you sign the COC in the appropriate place? Y N
10. Was the project identifiable from the COC papers? Y N
11. Was enough ice used to chill the cooler? Y N Temp. of cooler: 3.7°C

B. Log-In: Date samples were logged in: 6/22/10 By: JB

12. Type of packing in cooler(bubble wrap, popcorn) Y N
13. Were all bottles sealed in separate plastic bags? Y N
14. Did all bottles arrive unbroken and were labels in good condition? Y N
15. Were all bottle labels complete(ID,Date,time,etc.) Y N
16. Did all bottle labels agree with custody papers? Y N -AA-VCC-069 not written on COC, added as per client's request
17. Were the correct containers used for the tests indicated: Y N
18. Were samples received at the correct pH? Y N Water sample only
19. Was sufficient amount of sample sent for the tests indicated? Y N
20. Were bubbles absent in VOA samples? Y N/A
    If NO, List Sample ID's and Lab #s:

21. Laboratory labeling verified by (initials): CP Date: 6/22/10

From: Origin ID: BNHA (203) 271-0379
Jesse Ream
WOODARD & CURRAN INC
1520 HIGHLAND AVENUE

CHESHIRE, CT 06410

FedEx Express

J182810005258225

Ship Date: 21JUN10
ActWgt: 40.0 LB
CAD: 2185050/INET3060

Delivery Address Bar Code

SHIP TO: (603) 436-5111 BILL SENDER

Analytics Enviro Labs, LLC
Analytics Enviro Labs, LLC
195 COMMERCE WAY UNIT E

PORTSMOUTH, NH 03801

Ref # 223091.00
Invoice #
PO #
Dept #

TRK# 0201 7987 7868 3670

TUE - 22 JUN A2
PRIORITY OVERNIGHT

03801
NH-US
MHT

03 IGGA

598G1/22F2/BA24

After printing this label:
1. Use the 'Print' button on this page to print your label to your laser or inkjet printer.
2. Fold the printed page along the horizontal line.
3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

Warning: Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fe[illegible] edEx will not be responsible for any claim in excess of $100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim. Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of $100 or the authorized declared value. Recovery cannot exceed actual documented loss. Maximum for items of extraordinary value is $500, e.g. jewelry, precious metals, negotiable instruments and other items listed in our ServiceGuide. Written claims must be filed within strict time limits, see current FedEx Service Guide.

TAMPER RESISTANT

TAMPER RESISTANT

TAMPER RESISTANT

TAMPER RESISTANT

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

June 25, 2010

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

RE: Analytical Results Case Narrative
Analytics # 67041
AMISTAD ACADEMY

Dear Mr. Franklin;

Enclosed please find the analytical results for samples submitted for the above-mentioned project. The attached Cover Page lists the sample IDs, Lab tracking numbers and collection dates for the samples included in this deliverable.

Samples were analyzed Polychlorinated Biphenyls (PCBs) by EPA Method 8082.

Unless otherwise noted in the Non-conformance Summary listed below, all of the quality control (QC) criteria including initial calibration, calibration verification, surrogate recovery, holding time and method accuracy/precision for these analyses were within acceptable limits.

This Level II data package has been assembled in the following order:

Case Narrative/Non-Conformance Summary
Sample Log Sheet - Cover Page
PCB Form 1 Data Sheet for Samples and Blanks
Chromatograms
PCB Form 10 Confirmation Results
PCB Form 3 MS/MSD (LCS) Recoveries
Chain of Custody (COC) Forms

QC NON-CONFORMANCE SUMMARY

Sample Receipt:
No exceptions.

PCBs by EPA Method 8082:
No results were reported below the quantitation limit.

The closing continuing calibration standard (file#L18104SC) had low recovery for Decachlorobiphenyl (DCB) on both columns (83% and 81%). The PCBs and Tetrachloro-m-xylene were in control. Results were reported without qualification.

If you have any questions on these results, please do not hesitate to contact me.

Sincerely,
ANALYTICS Environmental Laboratory, LLC

Stephen L. Knollmeyer
Laboratory Director

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

Report Number: 67041

Revision: Rev. 0

Re: Amistad Academy (Project No: 223019)

Enclosed are the results of the analyses on your sample(s). Samples were received on 23 June 2010 and analyzed for the tests listed. Samples were received in acceptable condition, with the exceptions noted below or on the chain of custody. These results pertain to samples as received by the laboratory and for the analytical tests requested on the chain of custody. The results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report. Please see individual reports for specific methodologies and references.

Sample Analysis: The attached pages detail the Client Sample IDs, Lab Sample IDs, and Analyses requested

Sample Receipt Exceptions: None

Analytics Environmental Laboratory is certified by the states of New Hampshire, Maine, Massachusetts, Connecticut, Rhode Island, Virginia, Maryland, and is accredited by the Deparment of Defense (DOD) ELAP program. A list of actual certified parameters is available upon request.

If you have any questions on these results, please do not hesitate to contact us.

Authorized signature _____
Stephen L. Knollmeyer Lab. Director

Date 6/25/2010

This report shall not be reproduced, except in full, without the written consent of Analytics Environmental Laboratory, LLC.

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

CLIENT: Woodard & Curran **REPORT NUMBER: 67041** **REV: Rev. 0**

PROJECT: Amistad Academy (Project No: 223019)

Lab Number	Sample Date	Station Location	Analysis	Comments
67041-1	06/22/10	AA-VSS-098	EPA 8082 (PCBs only)	
67041-2	06/22/10	AA-VSS-099	EPA 8082 (PCBs only)	
67041-3	06/22/10	AA-VSS-500	EPA 8082 (PCBs only)	
67041-4	06/22/10	AA-VSS-Q-101	EPA 8082 (PCBs only)	
67041-5	06/22/10	AA-VSS-102	EPA 8082 (PCBs only)	
67041-6	06/22/10	AA-VSS-103	EPA 8082 (PCBs only)	
67041-7	06/22/10	AA-VSS-104	EPA 8082 (PCBs only)	
67041-8	06/22/10	AA-VSS-105	EPA 8082 (PCBs only)	
67041-9	06/22/10	AA-VSS-106	EPA 8082 (PCBs only)	
67041-10	06/22/10	AA-VCC-107	Electronic Data Deliverable	
	06/22/10	AA-VCC-107	EPA 8082 (PCBs only)	

analytics environmental laboratory LLC

Surrogate Compound Limits

Matrix:	Aqueous	Solid	
Units:	% Recovery	% Recovery	Method
Volatile Organic Compounds - Drinking Water			
1,4-Difluorobenzene	70-130		EPA 524.2
Bromofluorobenzene	70-130		
1,2-Dichlorobenzene-d4	70-130		
Volatile Organic Compounds			
1,2-Dichloroethane-d4	70-120	70-120	EPA 624/8260B
Toluene-d8	85-120	85-120	
Bromofluorobenzene	75-120	75-120	
Semi-Volatile Organic Compounds			
2-Fluorophenol	20-110	35-105	EPA 625/8270C
d5-Phenol	15-110	40-100	
d5-nitrobenzene	40-110	35-100	
2-Fluorobiphenyl	50-110	45-105	
2,4,6-Tribromophenol	40-110	40-125	
d14-p-terphenyl	50-130	30-125	
PAH's by SIM			
d5-nitrobenzene	21-110	35-110	EPA 8270C
2-Fluorobiphenyl	36-121	45-105	
d14-p-terphenyl	33-141	30-125	
Pesticides and PCBs			
2,4,5,6-Tetrachloro-m-xylene (TCX)	46-122	40-130	EPA 608/8082
Decachlorobiphenyl (DCB)	40-135	40-130	
Herbicides			
Dichloroacetic acid (DCAA)	30-150	30-150	
Gasoline Range Organics/TPH Gasoline			
Trifluorotoluene TFT (FID)	60-140	60-140	MEDEP 4217/EPA 8015
Bromofluorobenzene (BFB) (FID)	60-140	60-140	
Trifluorotoluene TFT (PID)	60-140	60-140	
Bromofluorobenzene (BFB) (PID)	60-140	60-140	
Diesel Range Organics/TPH Diesel			
m-terphenyl	60-140	60-140	MEDEP 4125/EPA 8015/CT ETPH
Volatile Petroleum Hydrocarbons			
2,5-Dibromotoluene (PID)	70-130	70-130	MADEP VPH May 2004 Rev1.1
2,5-Dibromotoluene (FID)	70-130	70-130	
Extracatable Petroleum Hydrocarbons			
1-chloro-octadecane (aliphatic)	40-140	40-140	MADEP EPH May 2004 Rev1.1
o-Terphenyl (aromatic)	40-140	40-140	
2-Fluorobiphenyl (Fractionation)	40-140	40-140	
2-Bromonaphthalene (fractionation)	40-140	40-140	

PCB
DATA SUMMARIES

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 25, 2010

SAMPLE DATA

Lab Sample ID: B062310PW
Matrix: Aqueous
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date:
Lab Receipt Date:
Extraction Date: 06/23/10
Analysis Date: 06/23/10

CLIENT SAMPLE ID

Project Name: Amistad Academy
Project Number: 223019
Field Sample ID: Lab QC

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/L	Results µg/L
PCB-1016	0.2	U
PCB-1221	0.2	U
PCB-1232	0.2	U
PCB-1242	0.2	U
PCB-1248	0.2	U
PCB-1254	0.2	U
PCB-1260	0.2	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	89	%
Decachlorobiphenyl	45	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS:

PCB Report

Authorized signature

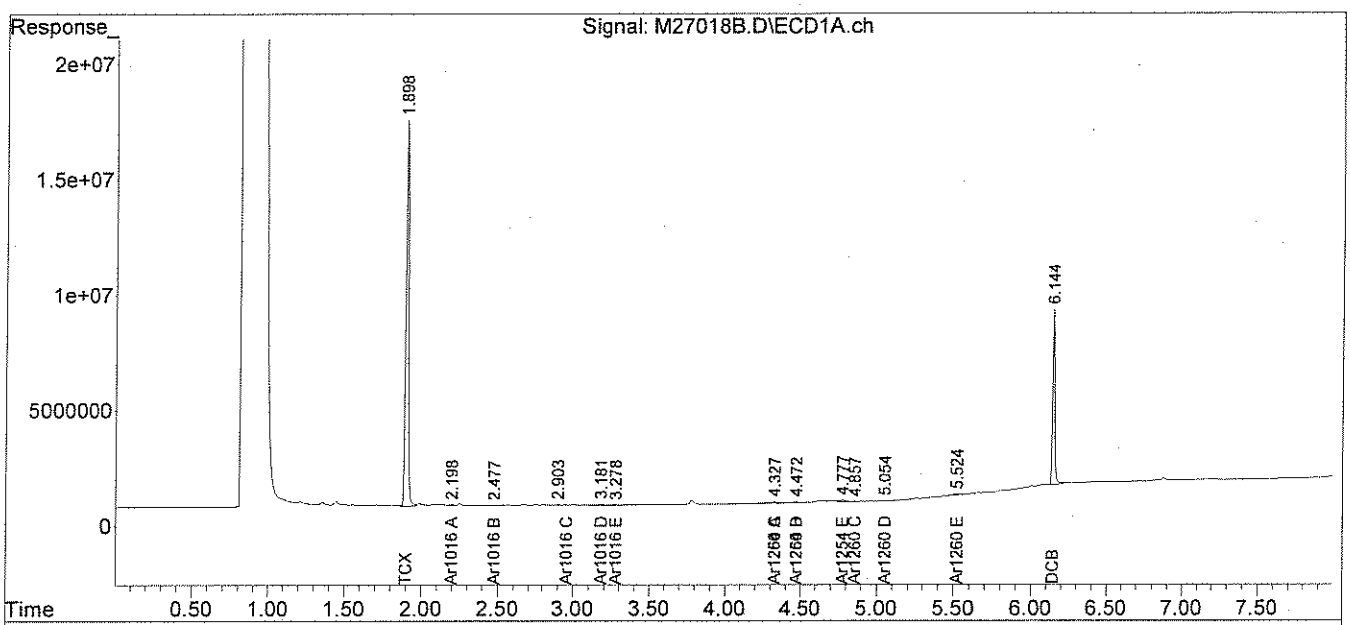
Quantitation Report (QT Reviewed)

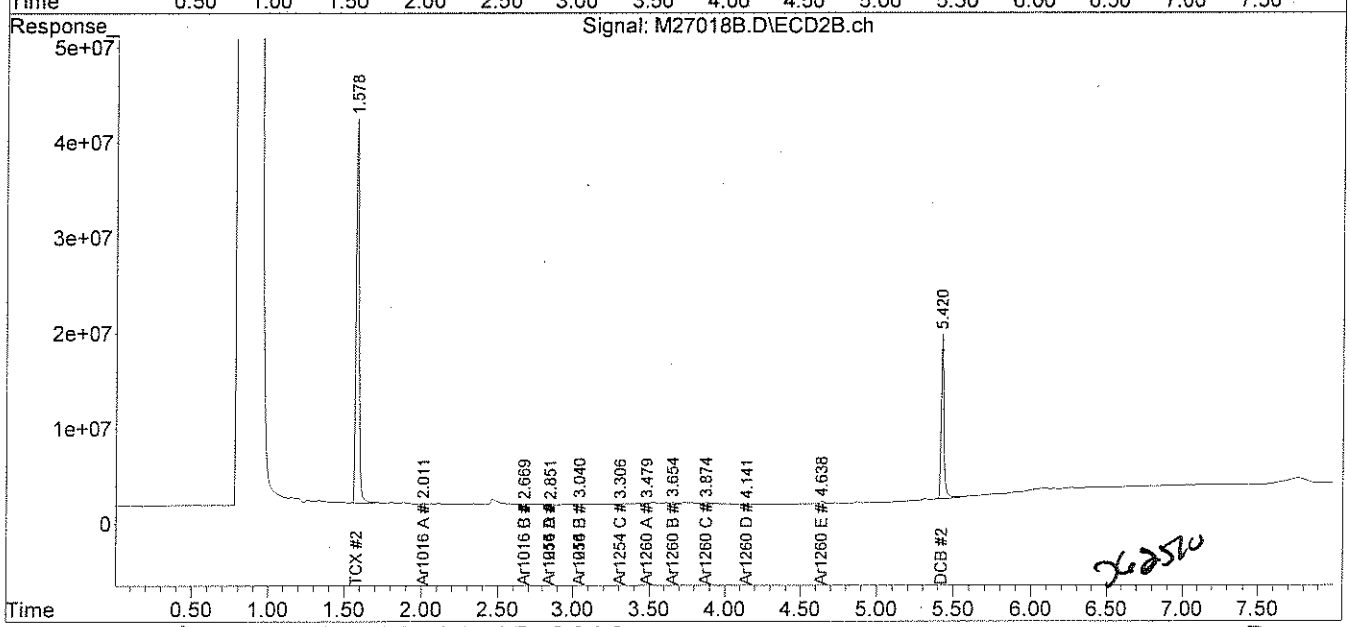
Data Path : C:\msdchem\1\DATA\062310-M\
Data File : M27018B.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jun 2010 2:10 pm
Operator : JK
Sample : B062310PW
Misc :
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 24 08:03:48 2010
Quant Method : C:\msdchem\1\METHODS\PCB062210.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 22 14:51:48 2010
Response via : Initial Calibration
Integrator: ChemStation

06-24-10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 25, 2010

SAMPLE DATA

Lab Sample ID: B062310PSOX
Matrix: Soil
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date:
Lab Receipt Date:
Extraction Date: 06/23/10
Analysis Date: 06/24/10

CLIENT SAMPLE ID

Project Name: Amistad Academy
Project Number: 223019
Field Sample ID: Lab QC

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	109	%
Decachlorobiphenyl	65	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

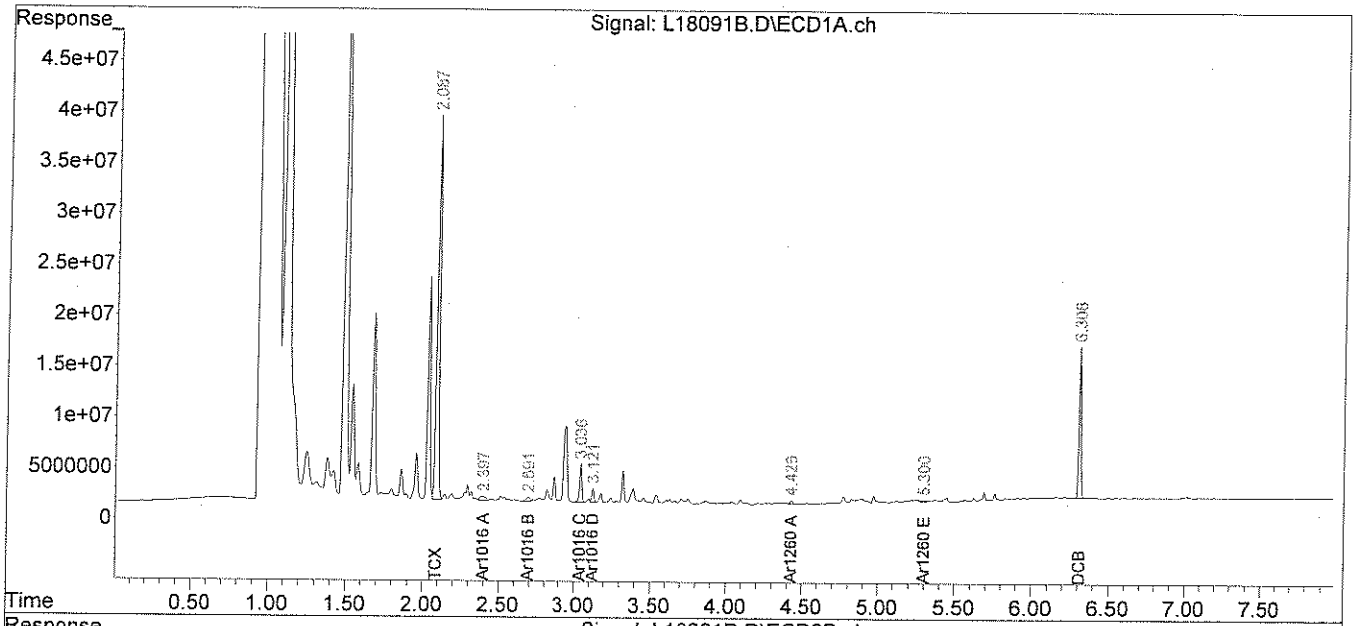
Quantitation Report (Not Reviewed)

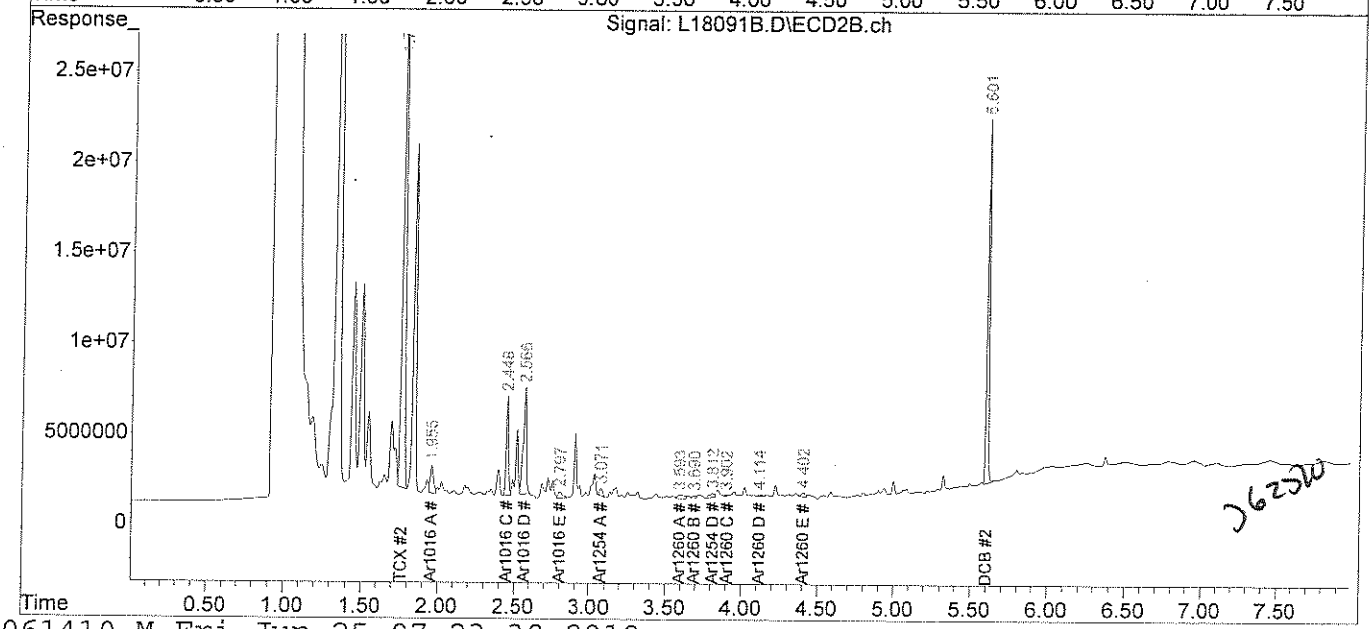
Data Path : C:\msdchem\1\DATA\062410-L\
Data File : L18091B.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jun 10 3:47 pm
Operator : JK
Sample : B062310PSOX,,A/C
Misc : SOIL
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 25 07:23:38 2010
Quant Method : C:\msdchem\1\METHODS\PCB061410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 15 19:47:33 2010
Response via : Initial Calibration
Integrator: ChemStation

JL 06.25.10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





JL 062510

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 25, 2010

SAMPLE DATA

Lab Sample ID: B062310PSOX RR
Matrix: Soil
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date:
Lab Receipt Date:
Extraction Date: 06/23/10
Analysis Date: 06/25/10

CLIENT SAMPLE ID

Project Name: Amistad Academy
Project Number: 223019
Field Sample ID: Lab QC

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	99	%
Decachlorobiphenyl	53	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

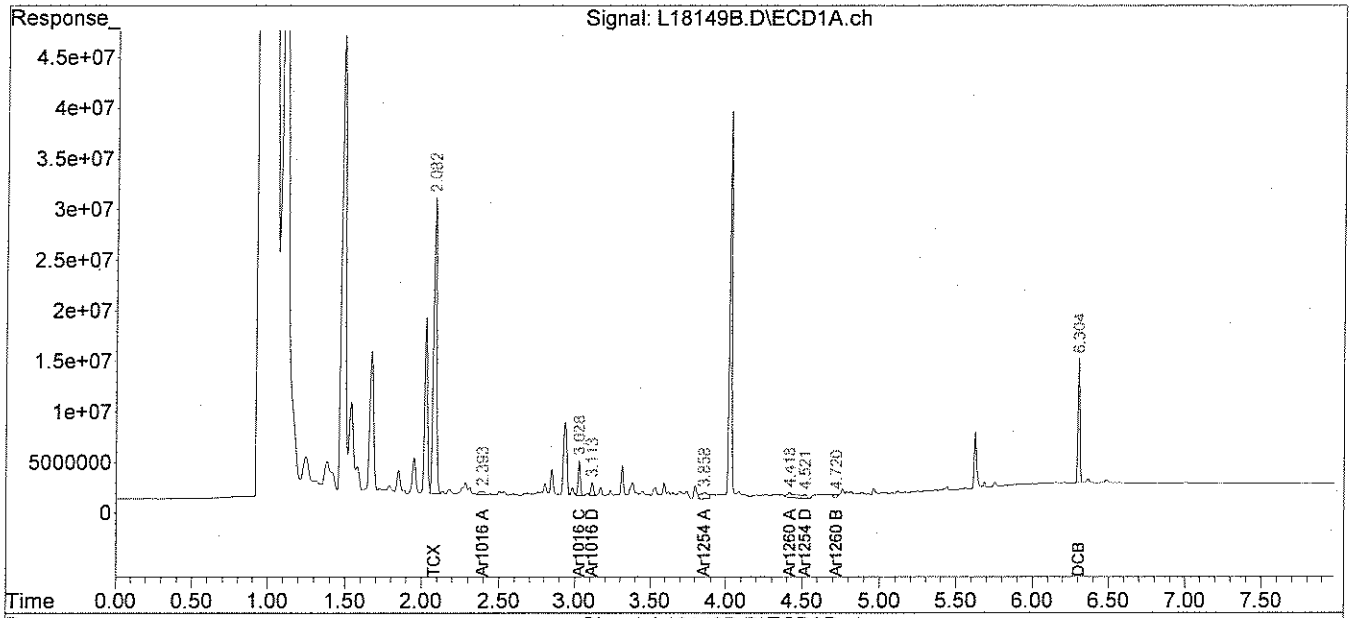
Quantitation Report (Not Reviewed)

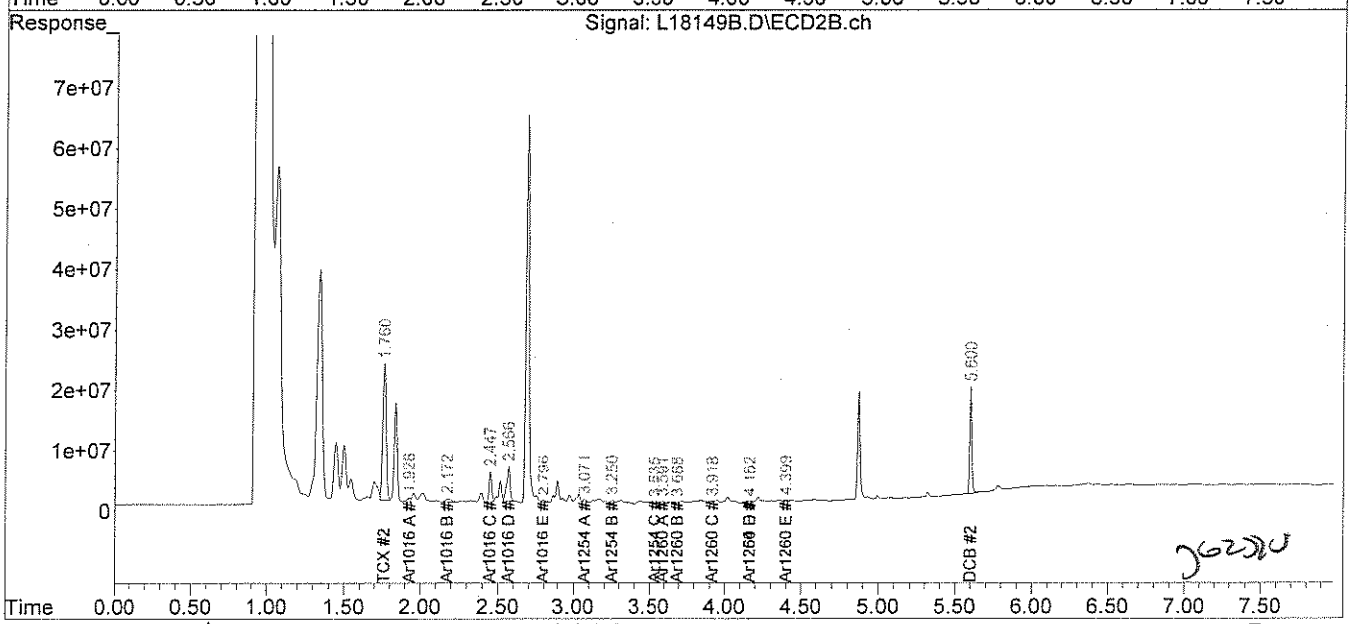
Data Path : C:\msdchem\1\DATA\062410-L\
Data File : L18149B.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Jun 10 8:27 am
Operator : JK
Sample : B062310PSOX,RR2,,A/C
Misc : SOIL
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 25 15:12:20 2010
Quant Method : C:\msdchem\1\METHODS\PCB061410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 15 19:47:33 2010
Response via : Initial Calibration
Integrator: ChemStation

06-25-10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 25, 2010

SAMPLE DATA

Lab Sample ID:	67041-1
Matrix:	Solid
Percent Solid:	93
Dilution Factor:	1.1
Collection Date:	06/22/10
Lab Receipt Date:	06/23/10
Extraction Date:	06/23/10
Analysis Date:	06/24/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-098

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	36	U
PCB-1221	36	U
PCB-1232	36	U
PCB-1242	36	U
PCB-1248	36	U
PCB-1254	36	U
PCB-1260	36	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	104	%
Decachlorobiphenyl	66	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB Report

Authorized signature

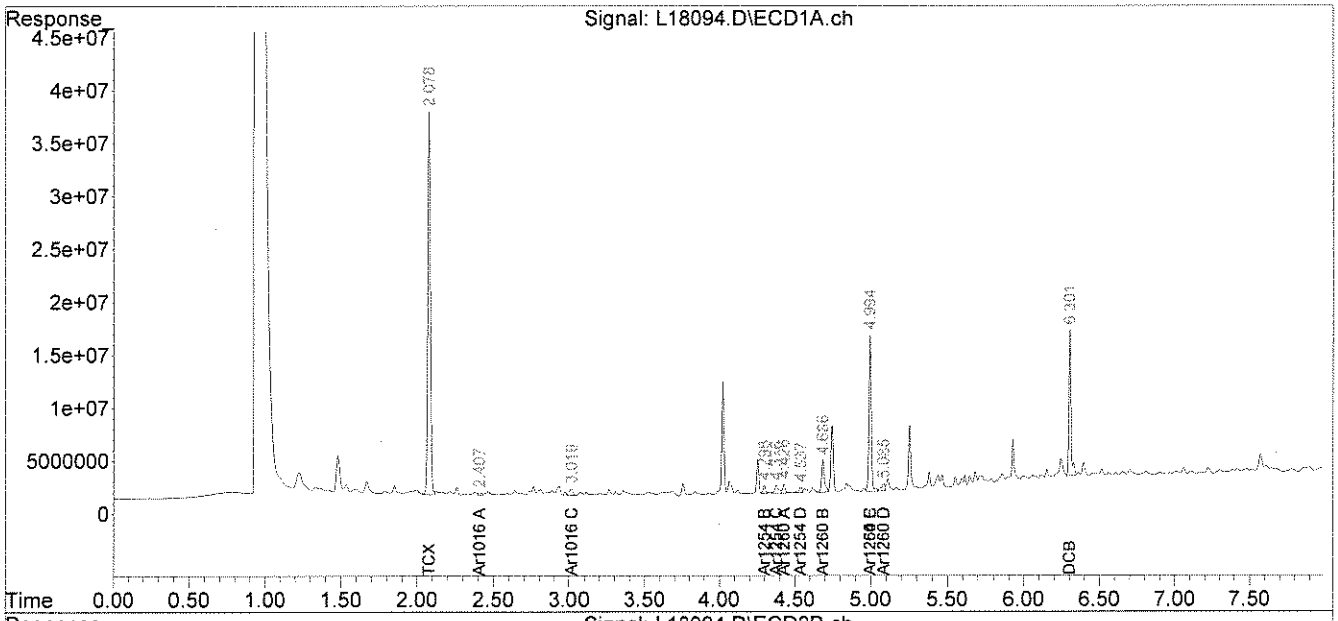
Quantitation Report (Not Reviewed)

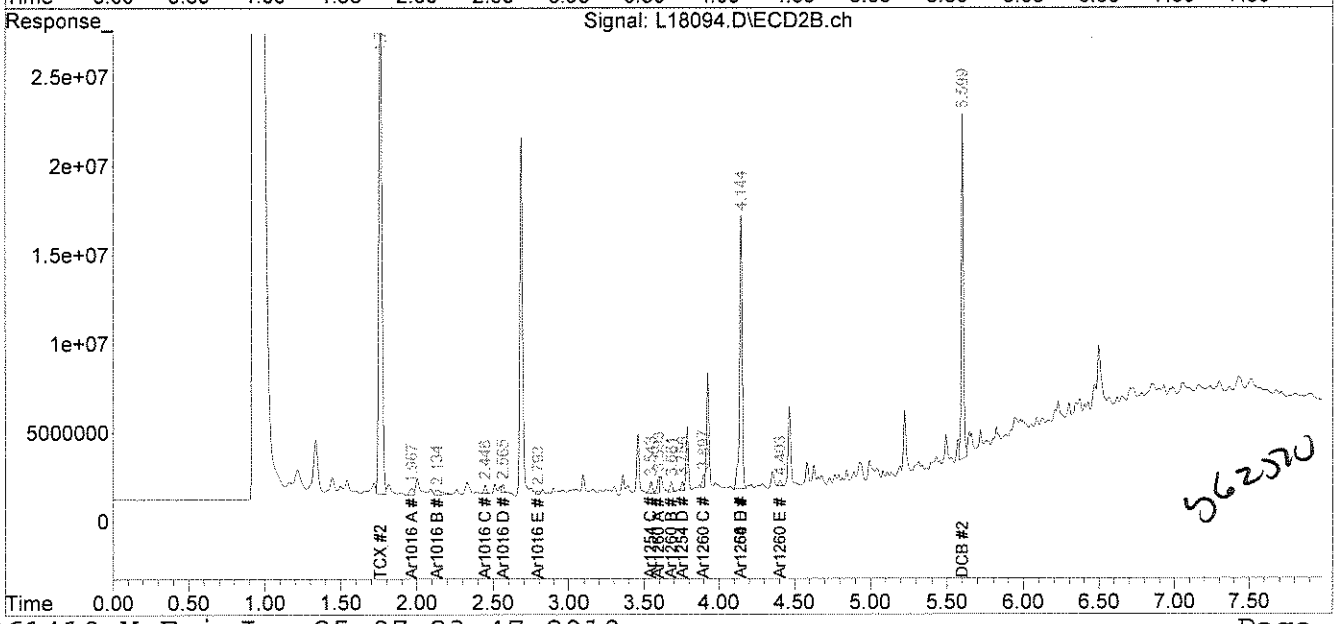
Data Path : C:\msdchem\1\DATA\062410-L\
Data File : L18094.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jun 10 4:18 pm
Operator : JK
Sample : 67041-1,,A/C
Misc : SOIL
ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 25 07:23:47 2010
Quant Method : C:\msdchem\1\METHODS\PCB061410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 15 19:47:33 2010
Response via : Initial Calibration
Integrator: ChemStation

JL 06.29.10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





562520

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 25, 2010

SAMPLE DATA

Lab Sample ID:	67041-2
Matrix:	Solid
Percent Solid:	95
Dilution Factor:	1.0
Collection Date:	06/22/10
Lab Receipt Date:	06/23/10
Extraction Date:	06/23/10
Analysis Date:	06/24/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-099

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	99	%
Decachlorobiphenyl	59	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

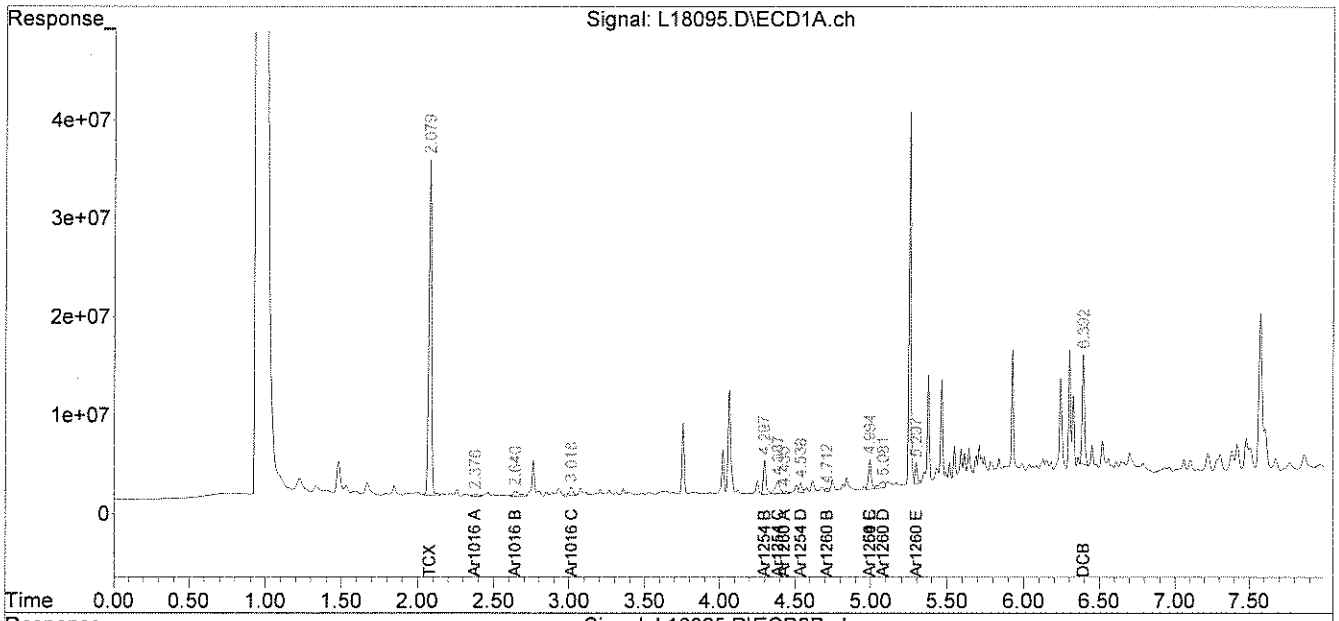
Quantitation Report (Not Reviewed)

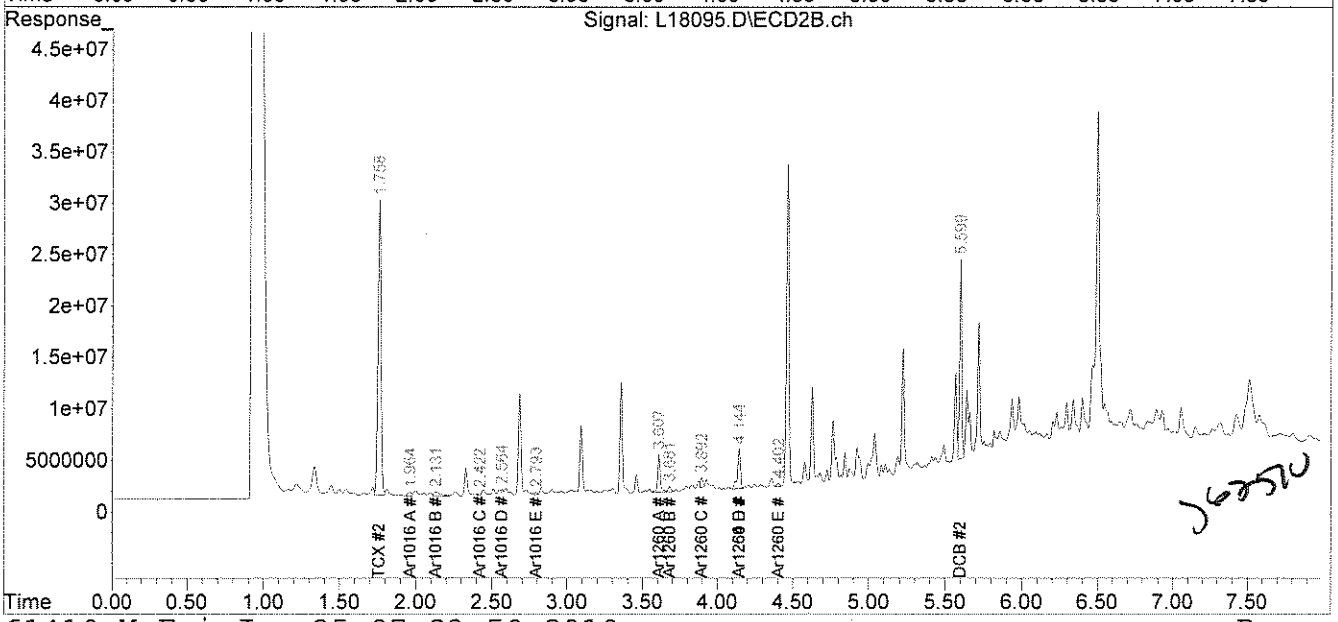
Data Path : C:\msdchem\1\DATA\062410-L\
Data File : L18095.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jun 10 4:29 pm
Operator : JK
Sample : 67041-2,,A/C
Misc : SOIL
ALS Vial : 15 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 25 07:23:50 2010
Quant Method : C:\msdchem\1\METHODS\PCB061410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 15 19:47:33 2010
Response via : Initial Calibration
Integrator: ChemStation

06.25.10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





J67570

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 25, 2010

SAMPLE DATA

Lab Sample ID:	67041-3
Matrix:	Solid
Percent Solid:	94
Dilution Factor:	1.0
Collection Date:	06/22/10
Lab Receipt Date:	06/23/10
Extraction Date:	06/23/10
Analysis Date:	06/24/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-500

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	99	%
Decachlorobiphenyl	50	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

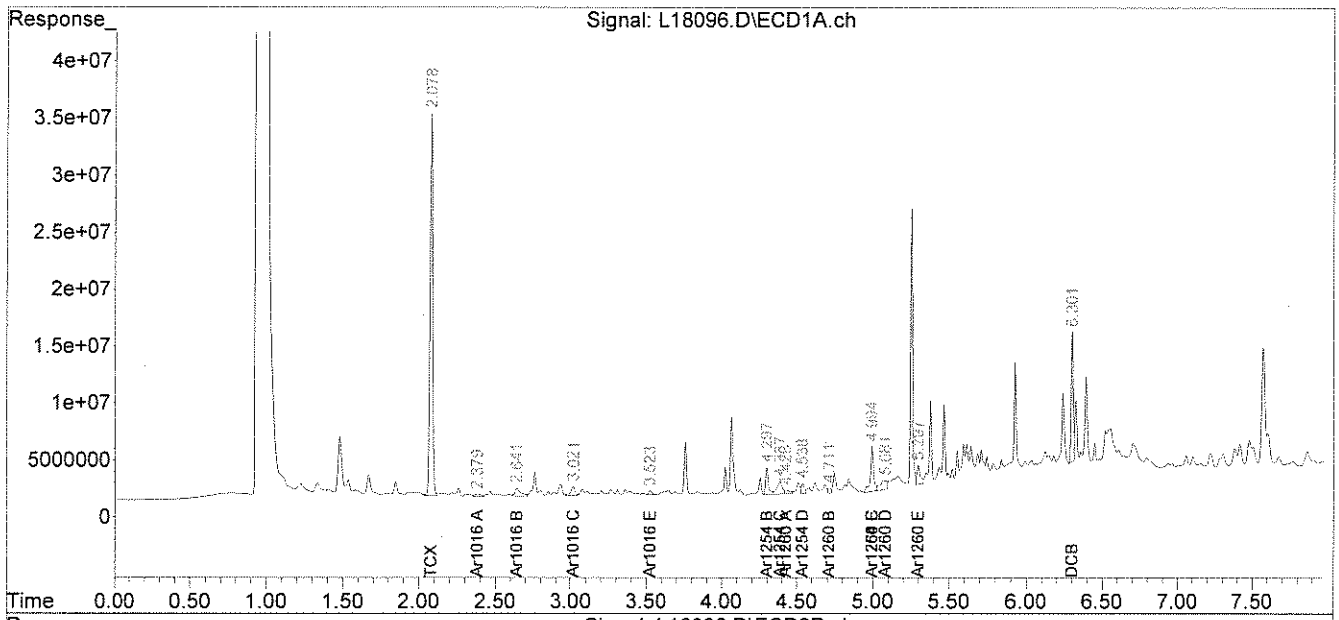
Quantitation Report (Not Reviewed)

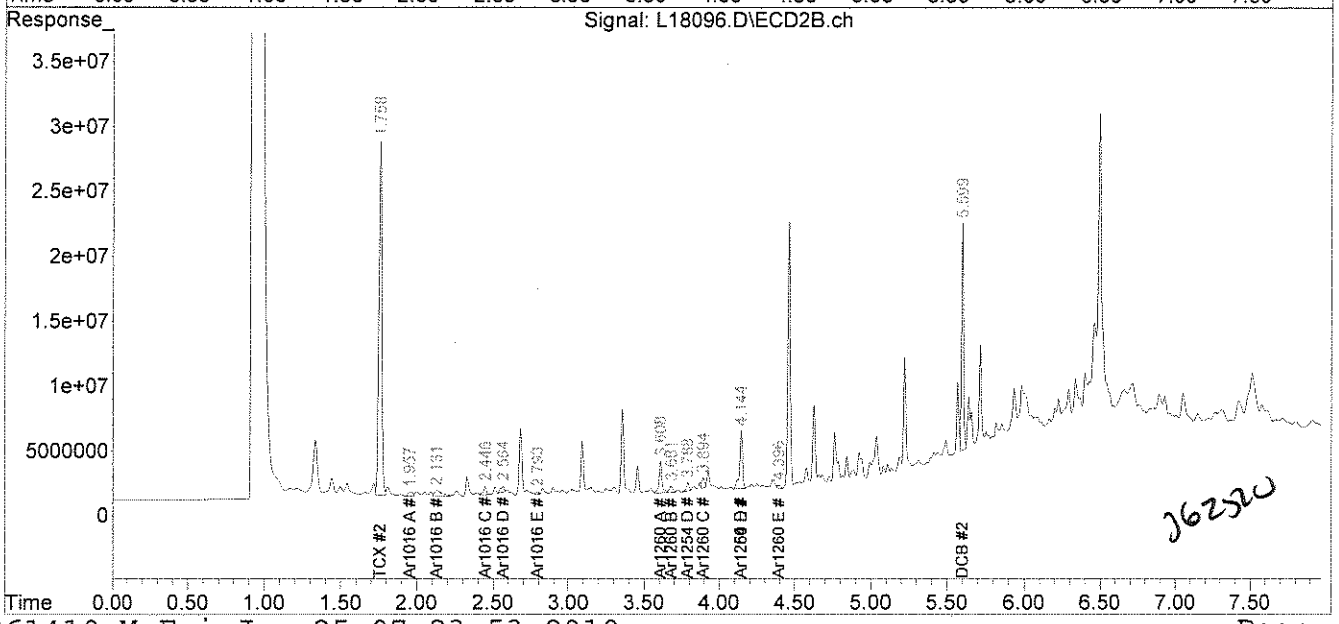
Data Path : C:\msdchem\1\DATA\062410-L\
Data File : L18096.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jun 10 4:39 pm
Operator : JK
Sample : 67041-3,,A/C
Misc : SOIL
ALS Vial : 16 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 25 07:23:53 2010
Quant Method : C:\msdchem\1\METHODS\PCB061410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 15 19:47:33 2010
Response via : Initial Calibration
Integrator: ChemStation

06.25.10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





J62520

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 25, 2010

SAMPLE DATA

Lab Sample ID:	67041-4
Matrix:	Aqueous
Percent Solid:	N/A
Dilution Factor:	1.1
Collection Date:	06/22/10
Lab Receipt Date:	06/23/10
Extraction Date:	06/23/10
Analysis Date:	06/23/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-Q-101

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/L	Results µg/L
PCB-1016	0.2	U
PCB-1221	0.2	U
PCB-1232	0.2	U
PCB-1242	0.2	U
PCB-1248	0.2	U
PCB-1254	0.2	U
PCB-1260	0.2	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	89	%
Decachlorobiphenyl	43	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS:

PCB Report

Authorized signature

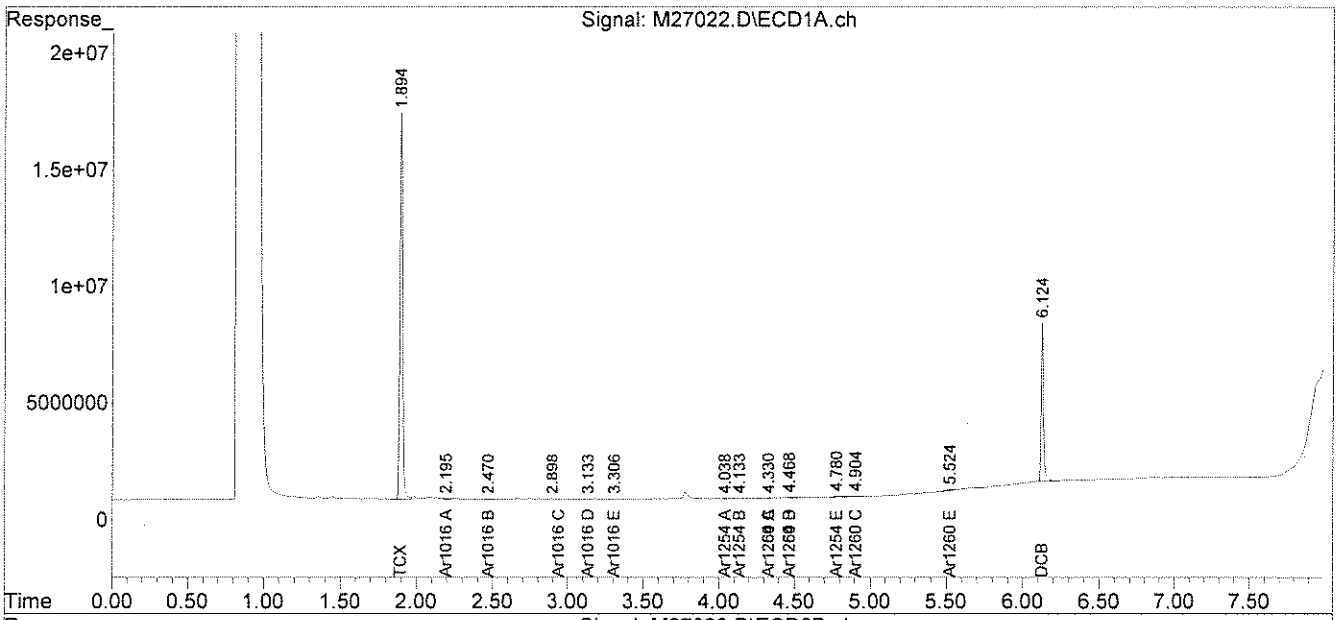
Quantitation Report (QT Reviewed)

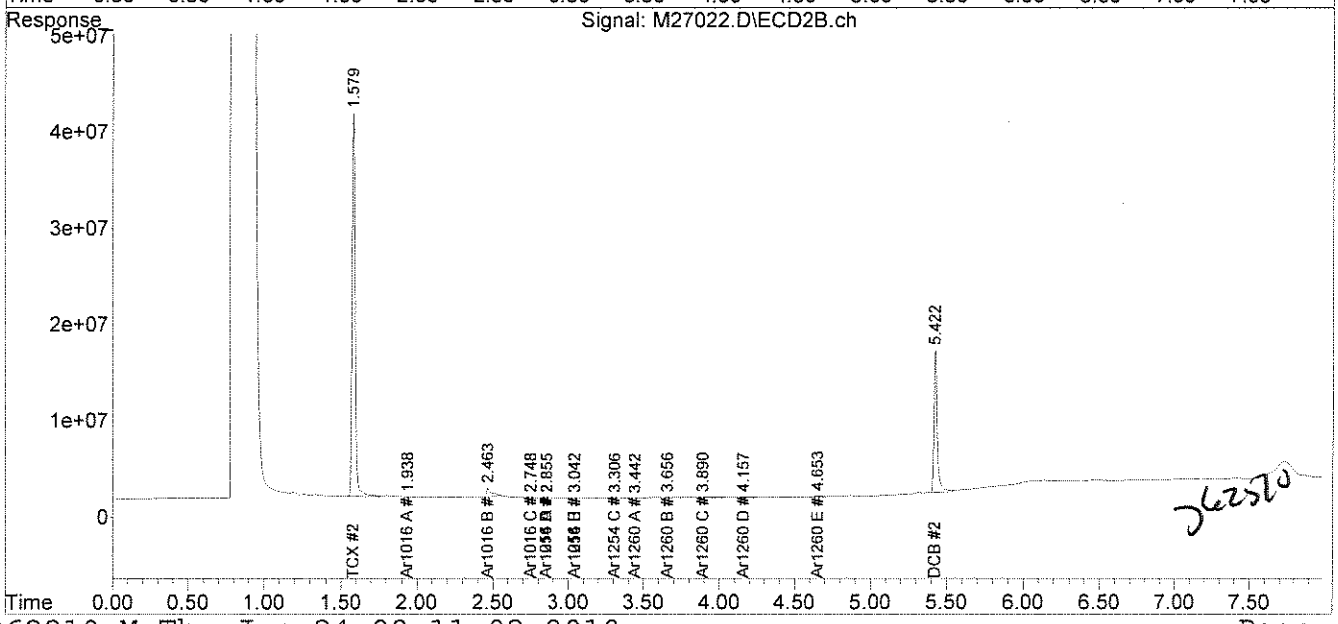
Data Path : C:\msdchem\1\DATA\062310-M\
Data File : M27022.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jun 2010 2:51 pm
Operator : JK
Sample : 67041-4
Misc :
ALS Vial : 15 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 24 08:03:56 2010
Quant Method : C:\msdchem\1\METHODS\PCB062210.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 22 14:51:48 2010
Response via : Initial Calibration
Integrator: ChemStation

JK 06-24-10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





062510

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 25, 2010

SAMPLE DATA

Lab Sample ID:	67041-5
Matrix:	Solid
Percent Solid:	95
Dilution Factor:	1.0
Collection Date:	06/22/10
Lab Receipt Date:	06/23/10
Extraction Date:	06/23/10
Analysis Date:	06/24/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-102

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	**57**
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	111	%
Decachlorobiphenyl	62	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67041
Sample: 67041-5,,A/C
Data File: L18097.D
Dilution Factor: 1.0

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	57	54	4.3	

Column to be used to flag RPD values greater than QC limit of 40%
* Values outside QC limits

Comments: _____

PCB FORM 10

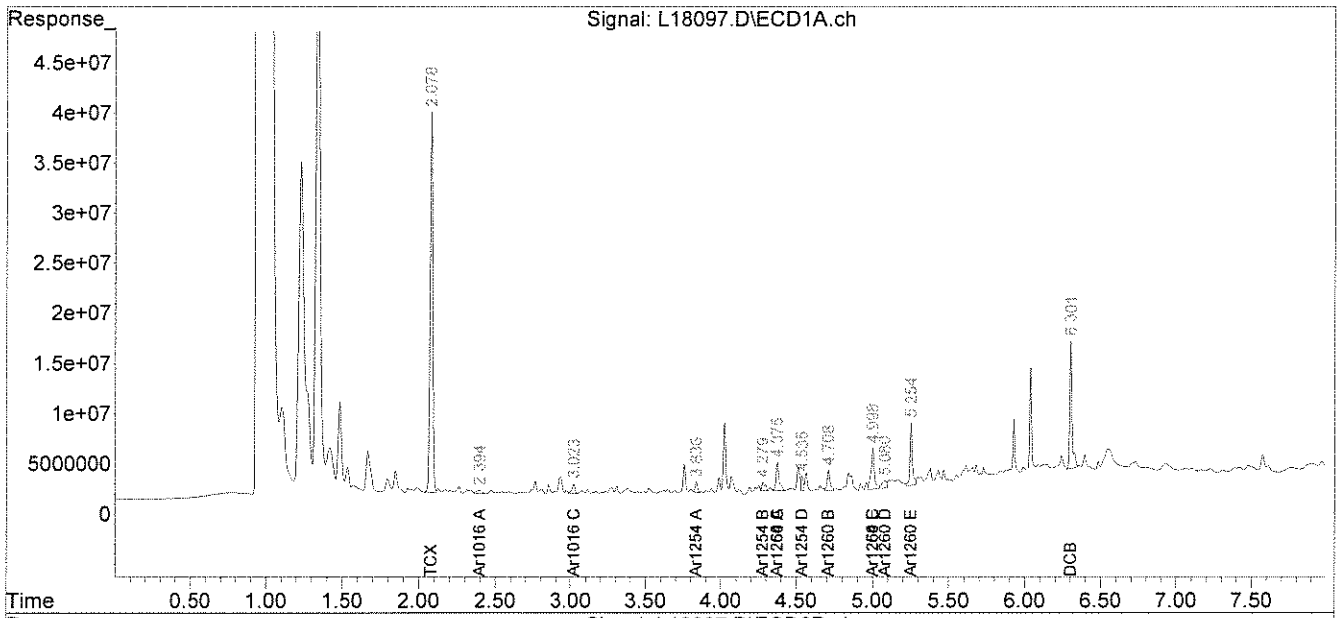
Quantitation Report (Not Reviewed)

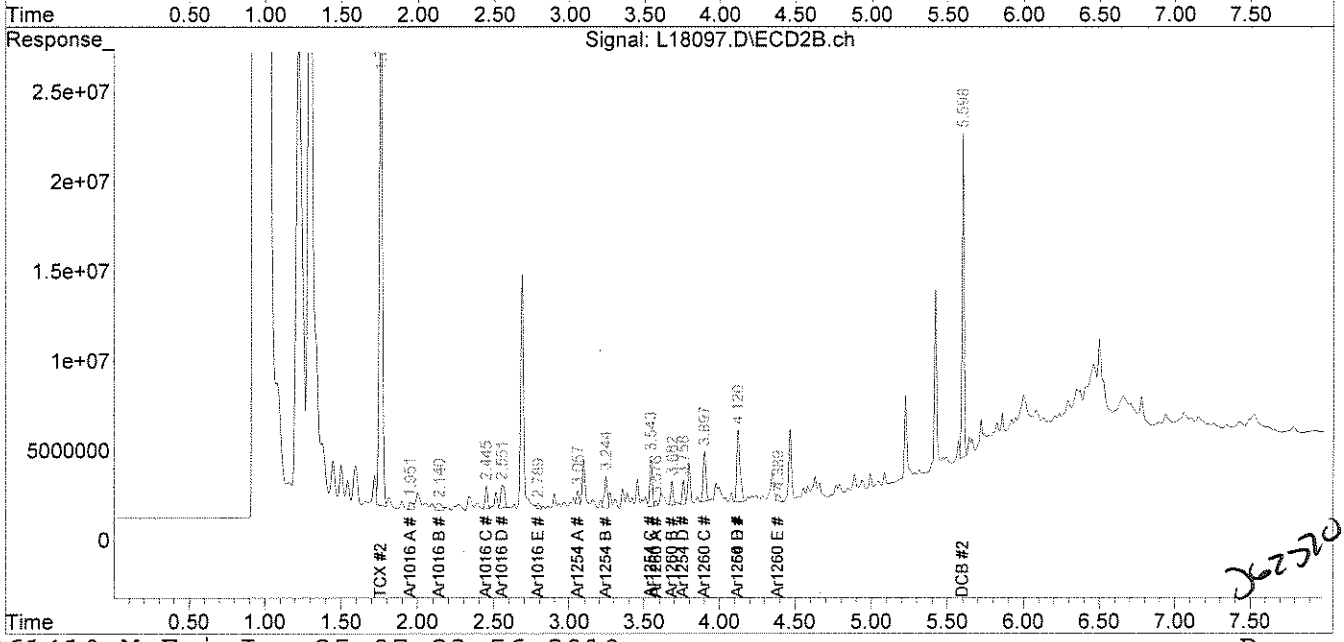
Data Path : C:\msdchem\1\DATA\062410-L\
Data File : L18097.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jun 10 4:50 pm
Operator : JK
Sample : 67041-5,,A/C
Misc : SOIL
ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 25 07:23:56 2010
Quant Method : C:\msdchem\1\METHODS\PCB061410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 15 19:47:33 2010
Response via : Initial Calibration
Integrator: ChemStation

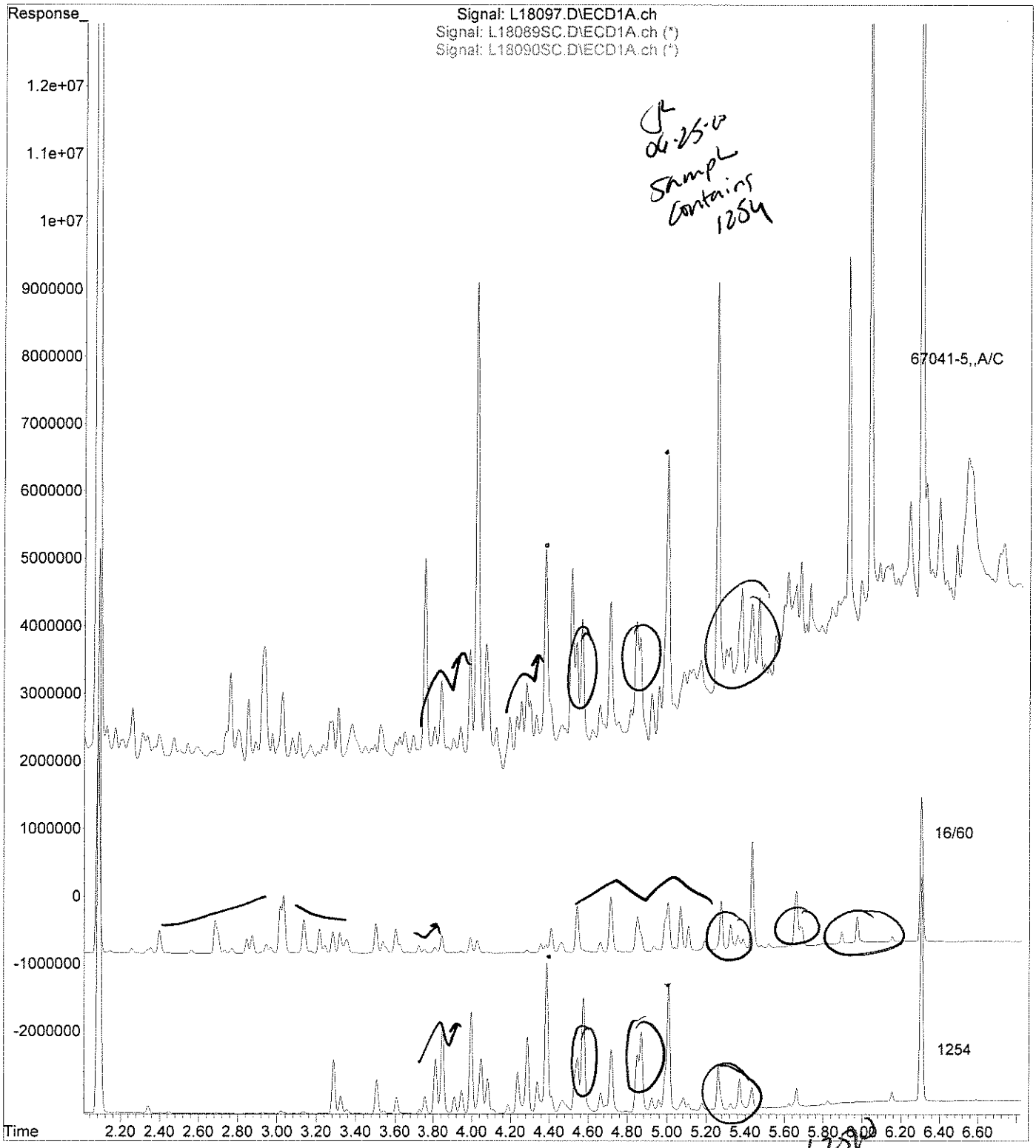
JL 06-25-10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





File :C:\msdchem\1\DATA\062410-L\L18097.D
Operator : JK
Acquired : 24 Jun 10 4:50 pm using AcqMethod PEST.M
Instrument : Inst L
Sample Name: 67041-5,,A/C
Misc Info : SOIL
Vial Number: 17



analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 25, 2010

SAMPLE DATA

Lab Sample ID:	67041-6
Matrix:	Solid
Percent Solid:	92
Dilution Factor:	1.0
Collection Date:	06/22/10
Lab Receipt Date:	06/23/10
Extraction Date:	06/23/10
Analysis Date:	06/24/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-103

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	**997**
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	96	%
Decachlorobiphenyl	86	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67041
Sample: 67041-6,,A/C
Data File: L18098.D
Dilution Factor: 1.0

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	990	997	0.7	

Column to be used to flag RPD values greater than QC limit of 40%
* Values outside QC limits

Comments: _____

PCB FORM 10

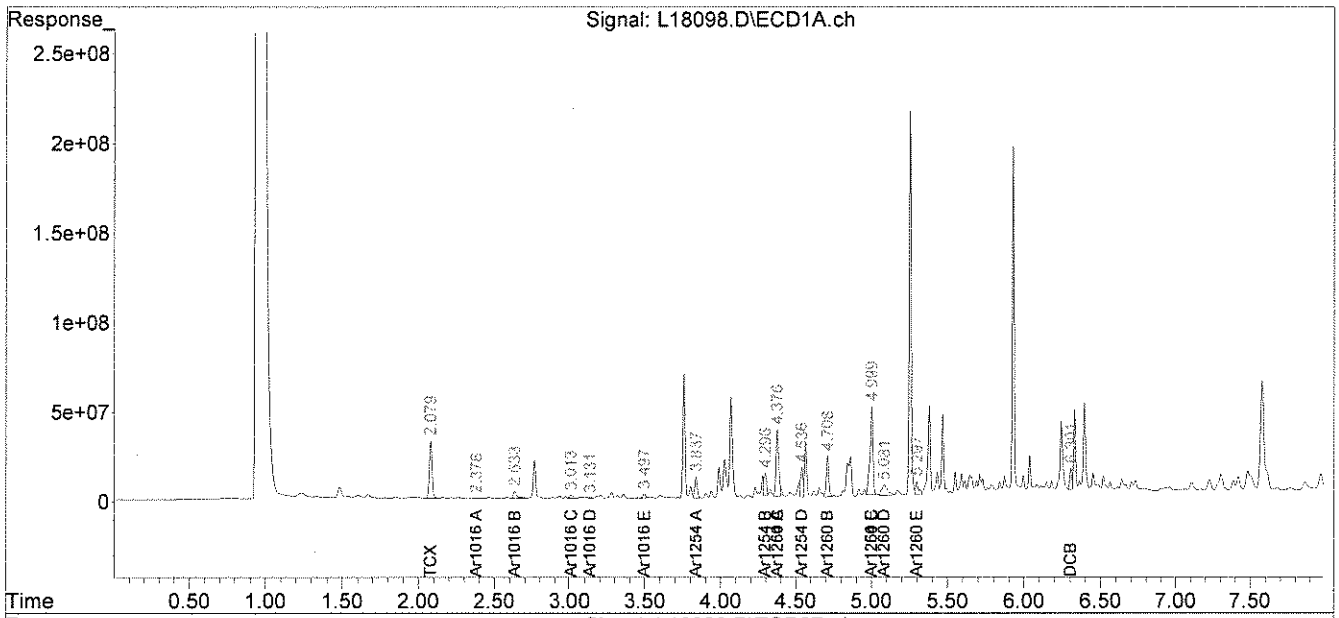
Quantitation Report (QT Reviewed)

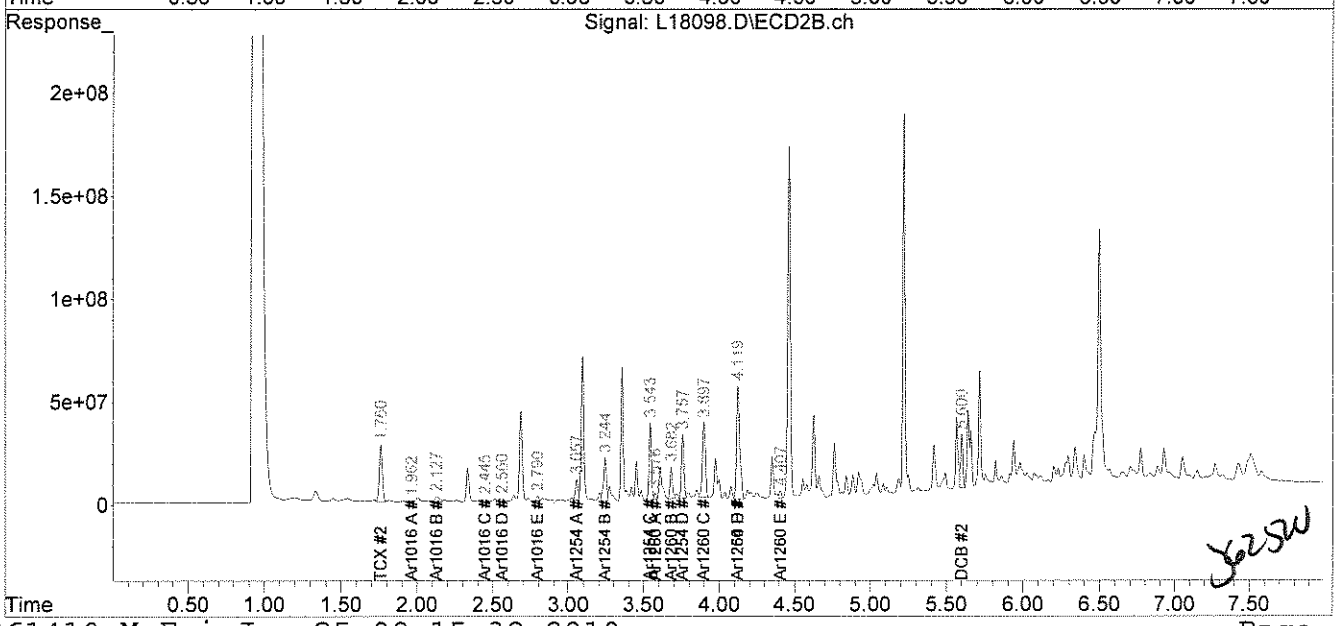
Data Path : C:\msdchem\1\DATA\062410-L\
Data File : L18098.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jun 10 5:00 pm
Operator : JK
Sample : 67041-6,,A/C
Misc : SOIL
ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 25 09:15:25 2010
Quant Method : C:\msdchem\1\METHODS\PCB061410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 15 19:47:33 2010
Response via : Initial Calibration
Integrator: ChemStation

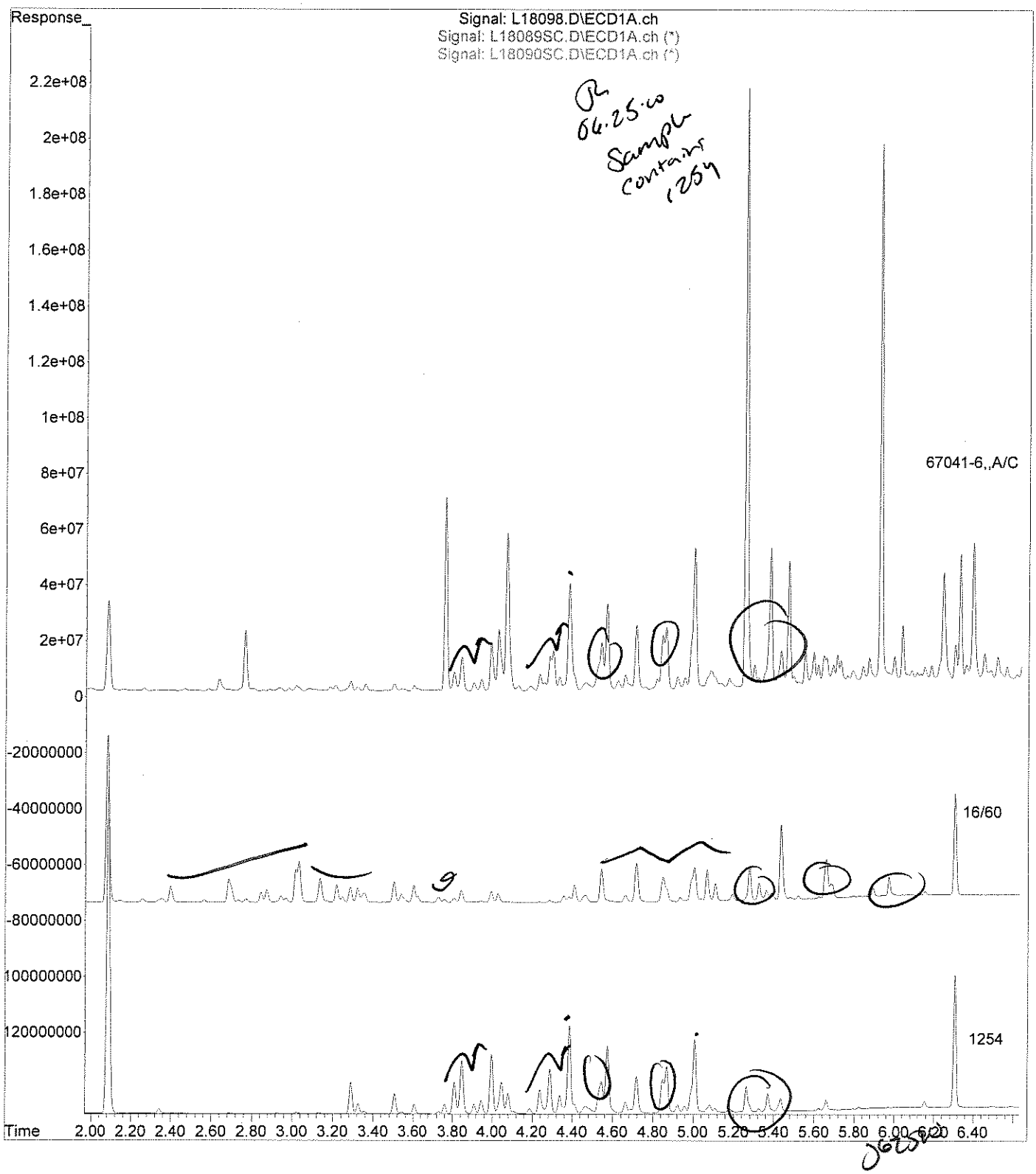
06.25.0

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





File :C:\msdchem\1\DATA\062410-L\L18098.D
Operator : JK
Acquired : 24 Jun 10 5:00 pm using AcqMethod PEST.M
Instrument : Inst L
Sample Name: 67041-6,,A/C
Misc Info : SOIL
Vial Number: 18



analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 25, 2010

SAMPLE DATA

Lab Sample ID:	67041-7
Matrix:	Solid
Percent Solid:	92
Dilution Factor:	10
Collection Date:	06/22/10
Lab Receipt Date:	06/23/10
Extraction Date:	06/23/10
Analysis Date:	06/25/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-104

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	330	U
PCB-1221	330	U
PCB-1232	330	U
PCB-1242	330	U
PCB-1248	330	U
PCB-1254	330	**3760**
PCB-1260	330	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	116	%
Decachlorobiphenyl	112	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67041
Sample: 67041-7,1:10,,A/C
Data File: L18150.D
Dilution Factor: 10.2

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	3680	3764	2.2	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

PCB FORM 10

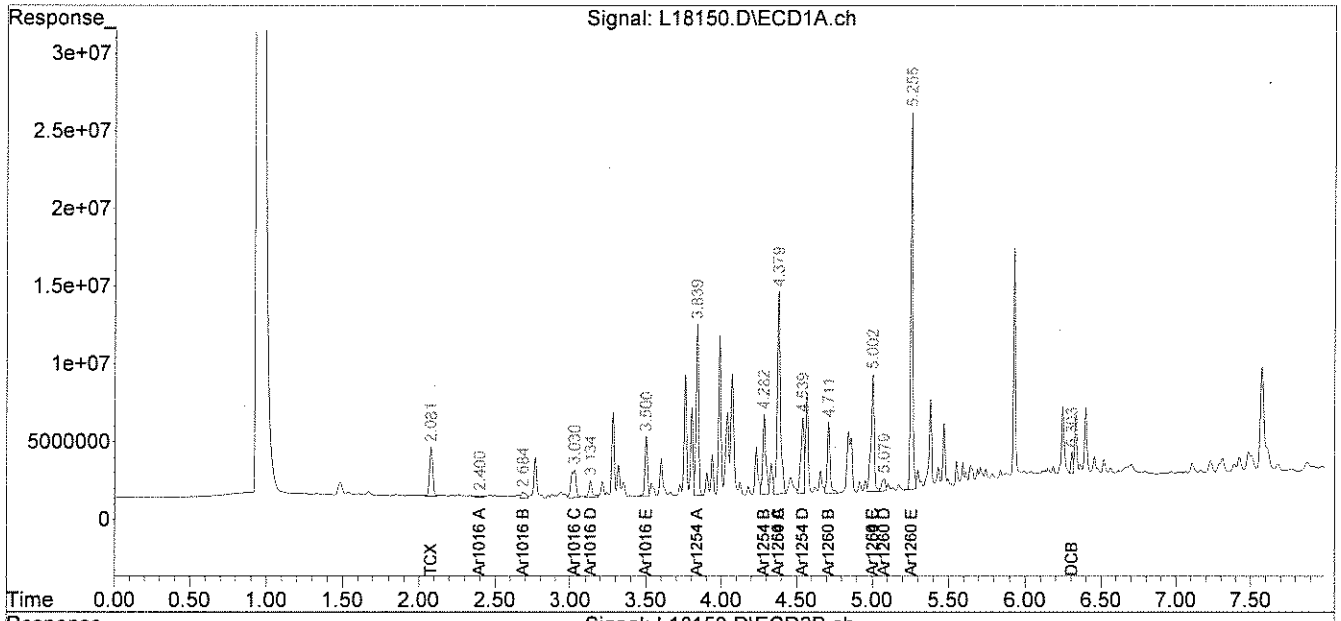
Quantitation Report (QT Reviewed)

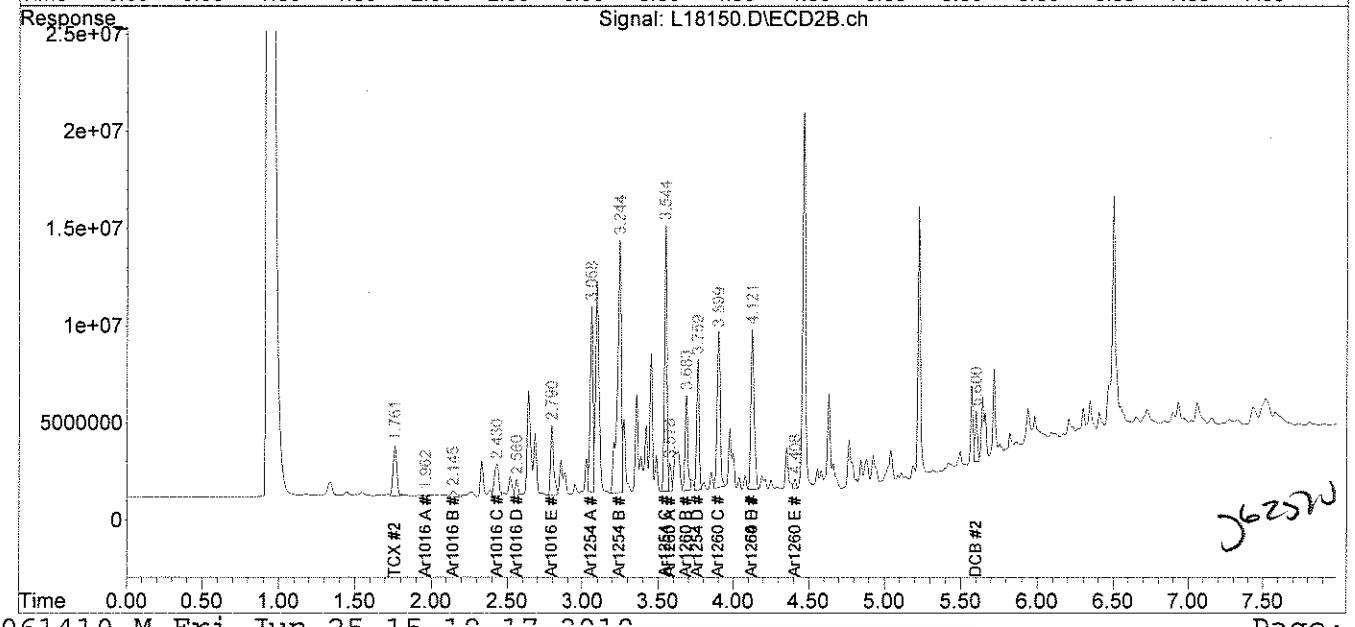
Data Path : C:\msdchem\1\DATA\062410-L\
Data File : L18150.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Jun 10 8:37 am
Operator : JK
Sample : 67041-7,1:10,,A/C
Misc : SOIL
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 25 15:19:10 2010
Quant Method : C:\msdchem\1\METHODS\PCB061410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 15 19:47:33 2010
Response via : Initial Calibration
Integrator: ChemStation

JR 06-25-10

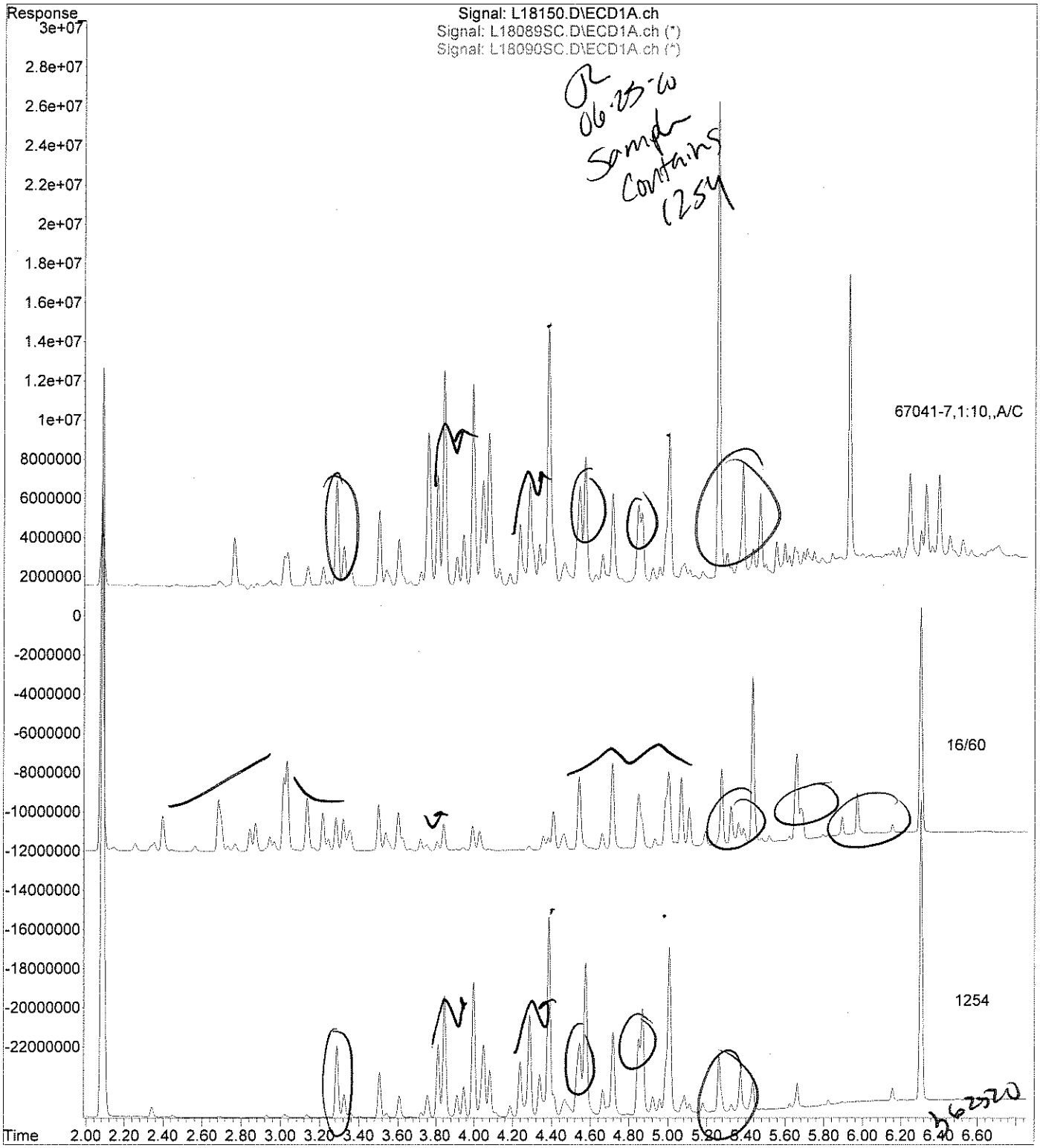
Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





JG 25 10

File :C:\msdchem\1\DATA\062410-L\L18150.D
Operator : JK
Acquired : 25 Jun 10 8:37 am using AcqMethod PEST.M
Instrument : Inst L
Sample Name: 67041-7,1:10,,A/C
Misc Info : SOIL
Vial Number: 12



analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 25, 2010

SAMPLE DATA

Lab Sample ID:	67041-8
Matrix:	Solid
Percent Solid:	95
Dilution Factor:	1.0
Collection Date:	06/22/10
Lab Receipt Date:	06/23/10
Extraction Date:	06/23/10
Analysis Date:	06/24/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-105

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	102	%
Decachlorobiphenyl	47	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

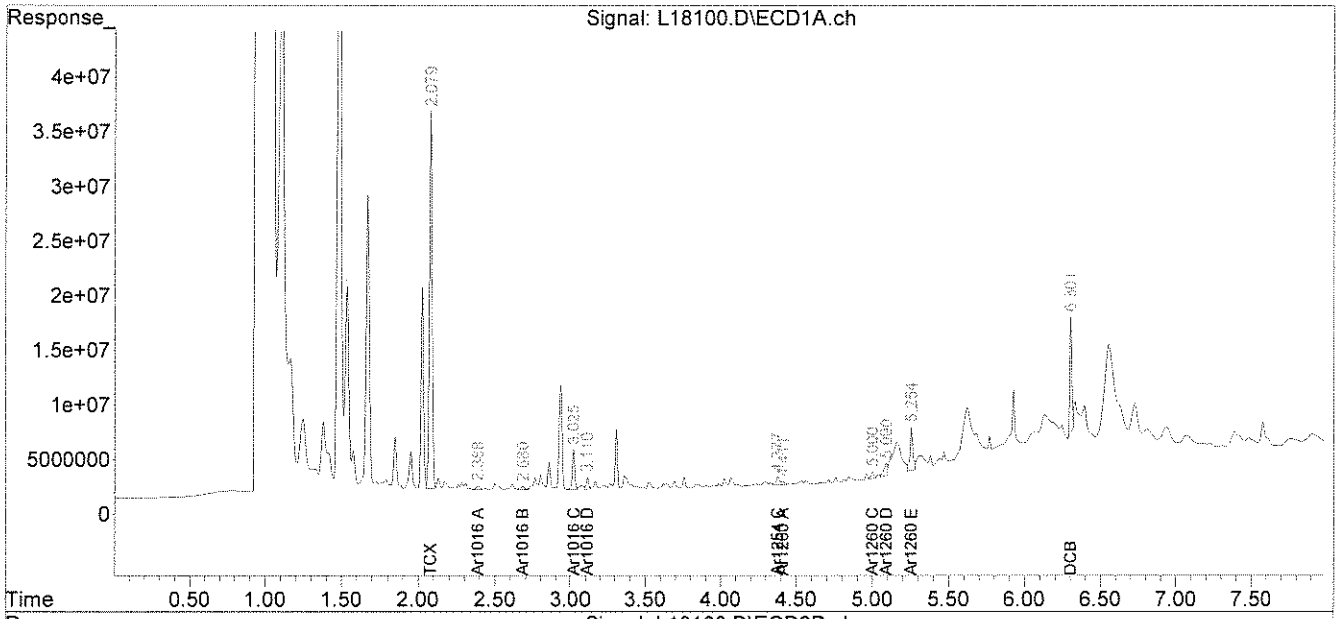
Quantitation Report (Not Reviewed)

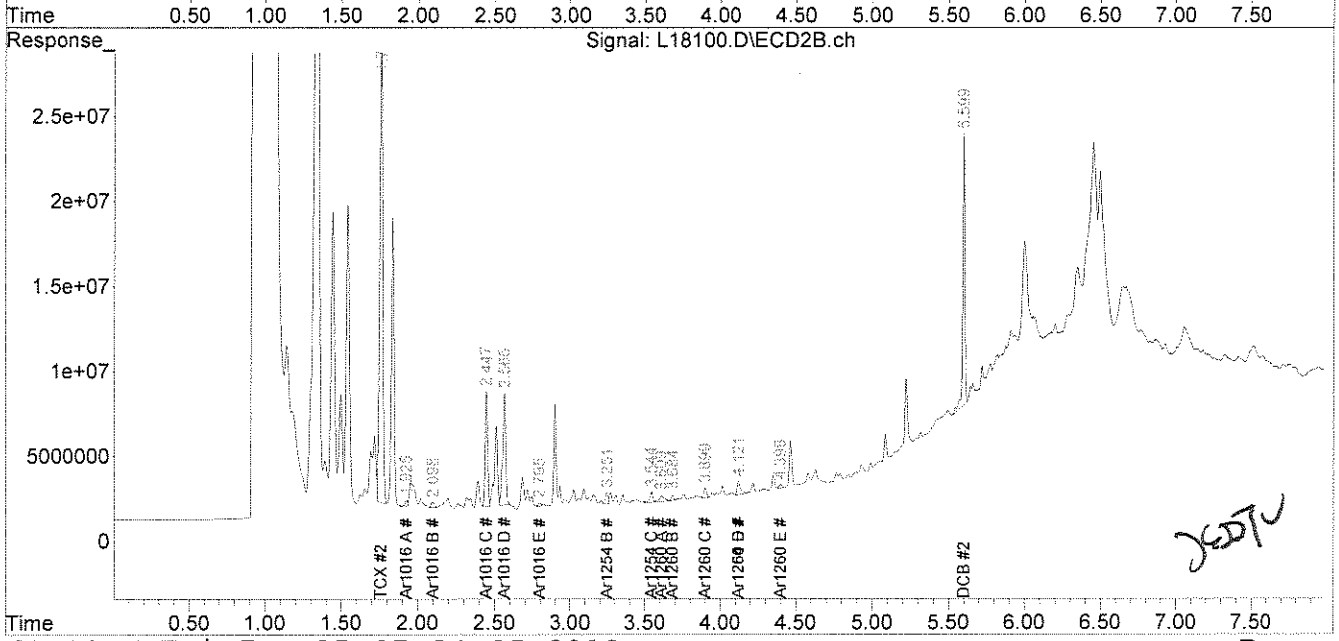
Data Path : C:\msdchem\1\DATA\062410-L\
Data File : L18100.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jun 10 5:21 pm
Operator : JK
Sample : 67041-8,,A/C
Misc : SOIL
ALS Vial : 20 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 25 07:24:05 2010
Quant Method : C:\msdchem\1\METHODS\PCB061410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 15 19:47:33 2010
Response via : Initial Calibration
Integrator: ChemStation

06-25-10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 25, 2010

SAMPLE DATA

Lab Sample ID:	67041-9
Matrix:	Solid
Percent Solid:	94
Dilution Factor:	1.0
Collection Date:	06/22/10
Lab Receipt Date:	06/23/10
Extraction Date:	06/23/10
Analysis Date:	06/24/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-106

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	97	%
Decachlorobiphenyl	49	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB Report

Authorized signature

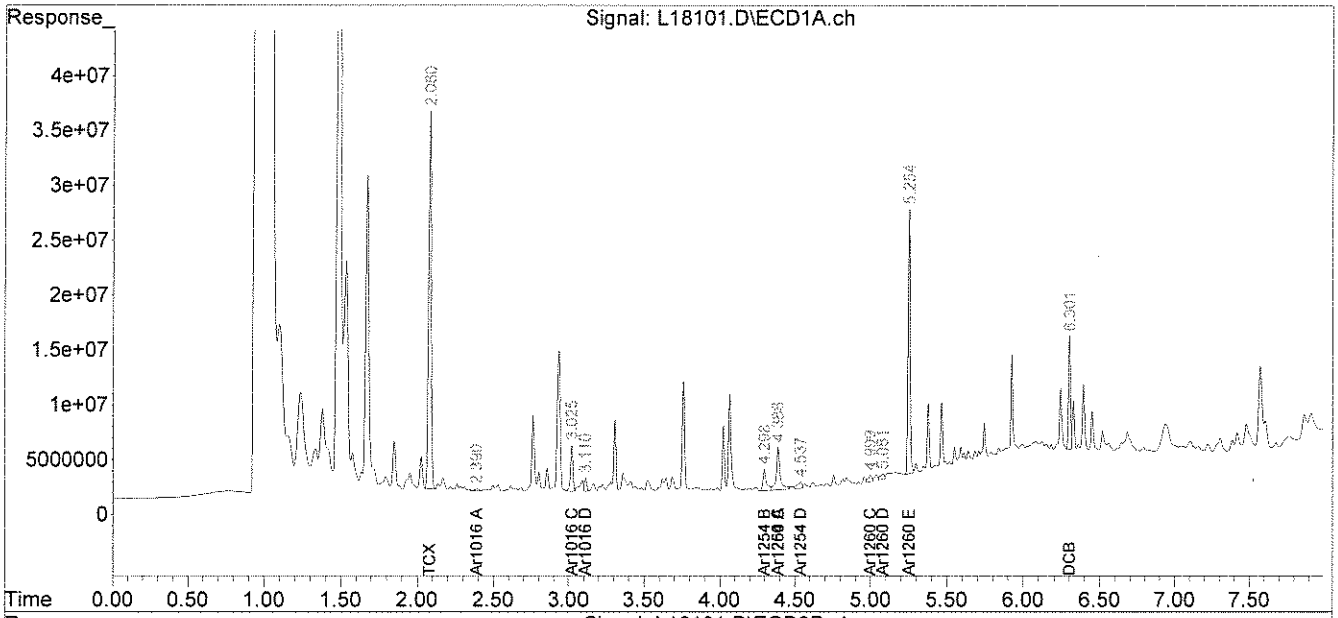
Quantitation Report (Not Reviewed)

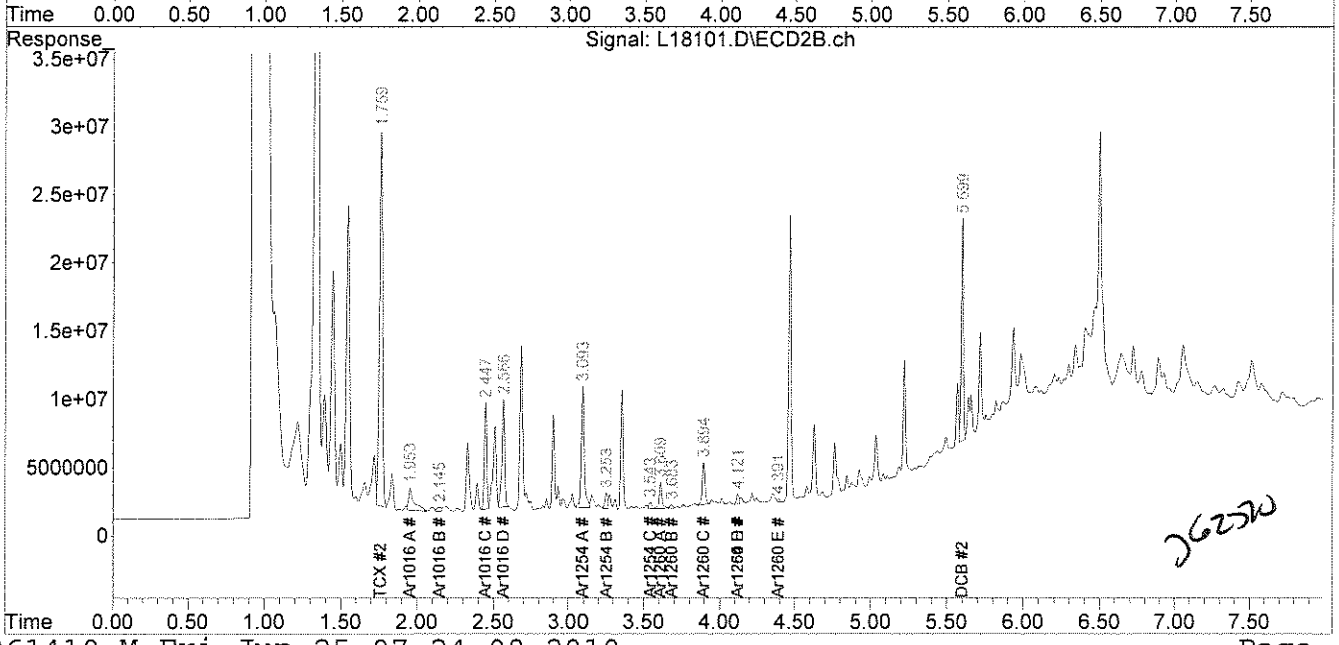
Data Path : C:\msdchem\1\DATA\062410-L\
Data File : L18101.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jun 10 5:31 pm
Operator : JK
Sample : 67041-9,,A/C
Misc : SOIL
ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 25 07:24:08 2010
Quant Method : C:\msdchem\1\METHODS\PCB061410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 15 19:47:33 2010
Response via : Initial Calibration
Integrator: ChemStation

JL 06.25.10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





JL 06.25.10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 25, 2010

SAMPLE DATA

Lab Sample ID:	67041-10
Matrix:	Solid
Percent Solid:	94
Dilution Factor:	1.0
Collection Date:	06/22/10
Lab Receipt Date:	06/23/10
Extraction Date:	06/23/10
Analysis Date:	06/24/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VCC-107

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	**93**
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	83	%
Decachlorobiphenyl	48	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67041
Sample: 67041-10,,A/C
Data File: L18102.D
Dilution Factor: 1.0

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	77	93	18.5	

Column to be used to flag RPD values greater than QC limit of 40%
* Values outside QC limits

Comments: _____

PCB FORM 10

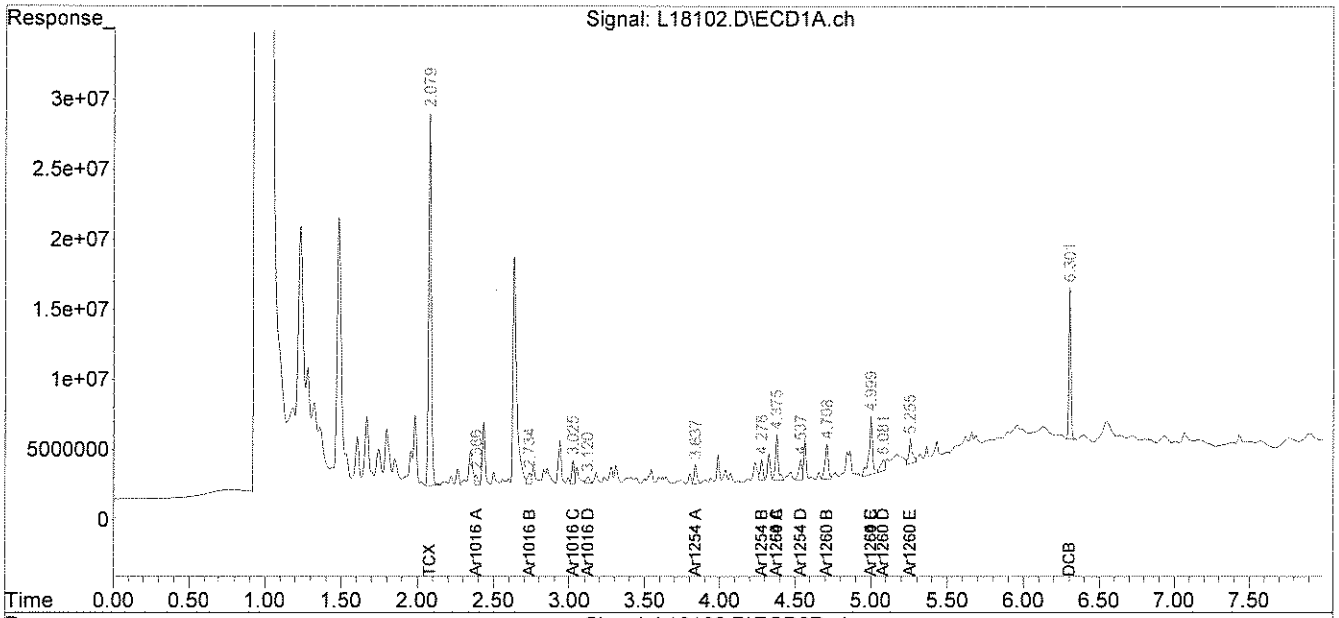
Quantitation Report (Not Reviewed)

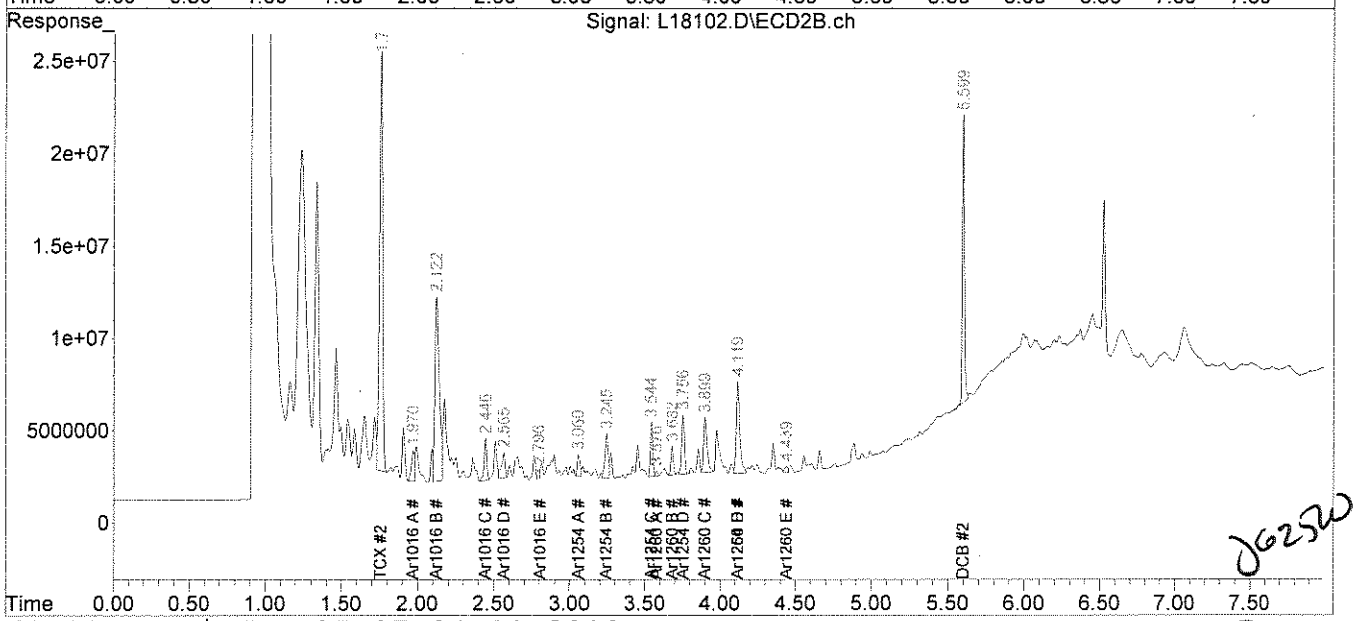
Data Path : C:\msdchem\1\DATA\062410-L\
Data File : L18102.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jun 10 5:41 pm
Operator : JK
Sample : 67041-10,,A/C
Misc : SOIL
ALS Vial : 22 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 25 07:24:11 2010
Quant Method : C:\msdchem\1\METHODS\PCB061410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 15 19:47:33 2010
Response via : Initial Calibration
Integrator: ChemStation

JL 06-25-11

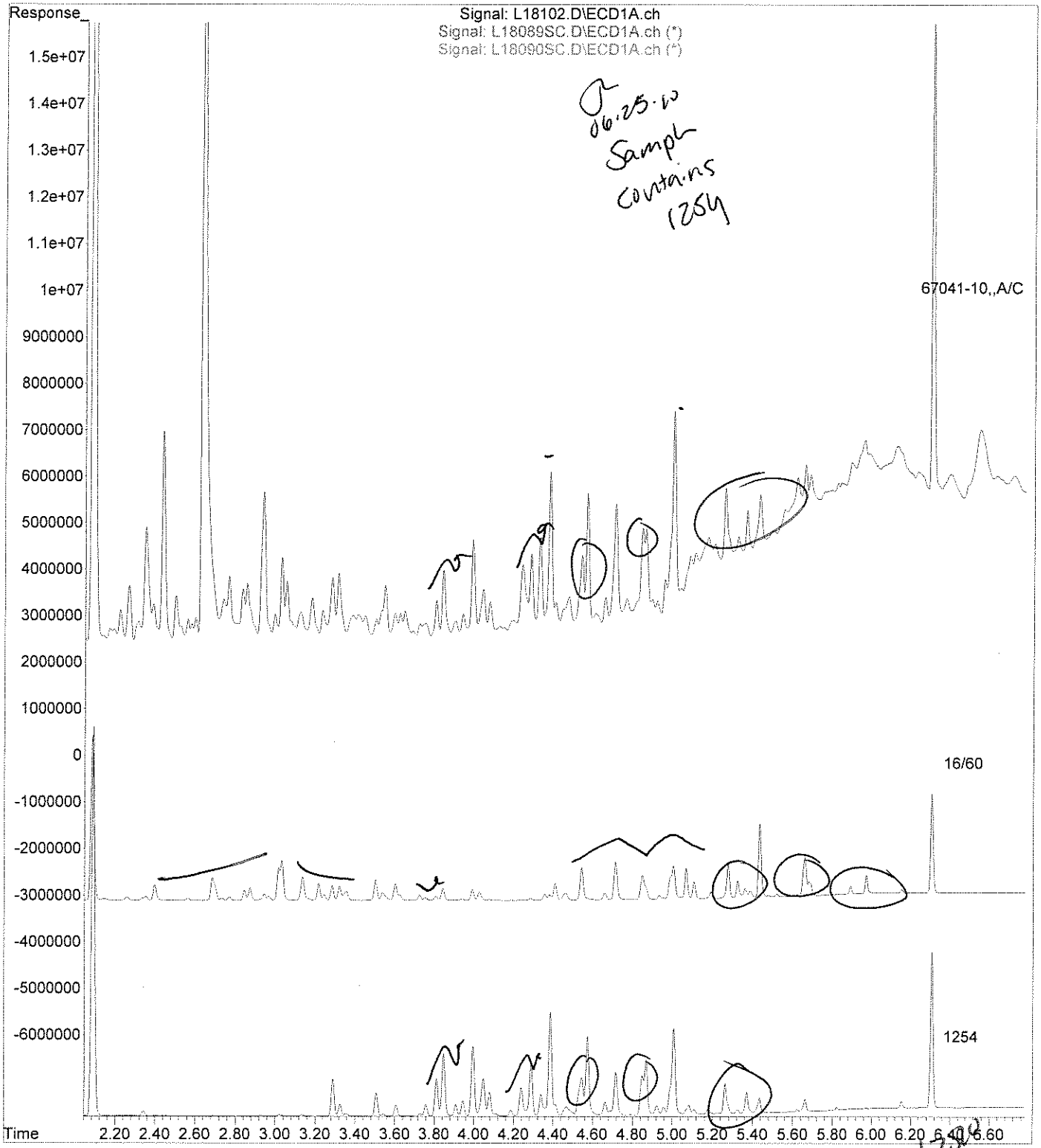
Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





JG 25-10

File :C:\msdchem\1\DATA\062410-L\L18102.D
Operator : JK
Acquired : 24 Jun 10 5:41 pm using AcqMethod PEST.M
Instrument : Inst L
Sample Name: 67041-10,,A/C
Misc Info : SOIL
Vial Number: 22



PCB
QC FORMS

AnalyticsLLC:AEL Documents LLC:Pkg Dividers:PCBQC.doc

PCB AQUEOUS
SYSTEM MONITORING COMPOUNDS
SUMMARY

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67041

	Column #1				Column #2			
SAMPLE ID	SMC 1 (%)	#	SMC 2 (%)	#	SMC 1 (%)	#	SMC 2 (%)	#
B062310PW	89		45		86		43	
L062310PWB	92		47		85		46	
LD062310PWB	92		47		88		46	
67041-4	89		43		87		43	

		Lower Limit	Upper Limit
SMC #1 =	TCX	46	122
SMC #2 =	DCB	40	135

Column to be used to flag recovery values outside of QC limits
* Values outside QC limits
D System Monitoring Compound diluted out

PCB SOIL
SYSTEM MONITORING COMPOUNDS
SUMMARY

Instrument ID: L
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67041

	Column #1				Column #2			
SAMPLE ID	SMC 1 (%)	#	SMC 2 (%)	#	SMC 1 (%)	#	SMC 2 (%)	#
B062310PSOX,,A/C	109		65		96		60	
L062310PSOX,,A/C	105		64		93		58	
LD062310PSOX,,A/C	106		65		94		58	
67041-1,,A/C	104		66		99		61	
67041-2,,A/C	101		55		99		59	
67041-3,,A/C	99		50		96		53	
67041-5,,A/C	111		62		103		54	
67041-6,,A/C	97		52		96		86	
67041-8,,A/C	102		47		96		51	
67041-9,,A/C	101		45		97		49	
67041-10,,A/C	81		48		83		48	

		Lower Limit	Upper Limit
SMC #1 =	TCX	40	130
SMC #2 =	DCB	40	130

Column to be used to flag recovery values outside of QC limits
* Values outside QC limits
D System Monitoring Compound diluted out

PCB SOIL
SYSTEM MONITORING COMPOUNDS
SUMMARY

Instrument ID: L
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67041

	Column #1				Column #2			
SAMPLE ID	SMC 1 (%)	#	SMC 2 (%)	#	SMC 1 (%)	#	SMC 2 (%)	#
B062310PSOX,RR2,,A/(	99		53		95		55	
67041-7,1:10,,A/C	127		57		116		112	

		Lower Limit	Upper Limit
SMC #1 =	TCX	40	130
SMC #2 =	DCB	40	130

Column to be used to flag recovery values outside of QC limits
* Values outside QC limits
D System Monitoring Compound diluted out

PCB AQUEOUS
LABORATORY CONTROL SAMPLE/DUPLICATE
PERCENT RECOVERY

Instrument ID: M

GC Column #1: STX-CLPesticides I

Column ID: 0.25 mm

GC Column #2: STX-CLPesticides II

Column ID: 0.25 mm

SDG: 67041

Non-spiked sample: B062310PW

Spike: L062310PWB

Spike duplicate: LD062310PWB

COMPOUND	LCS SPIKE ADDED (ug/L)	LCSD SPIKE ADDED (ug/L)	LOWER LIMIT	UPPER LIMIT	RPD LIMIT	NON-SPIKE RESULT (ug/L)	SPIKE RESULT (ug/L)	SPIKE % REC	#	SPIKE DUP RESULT (ug/L)	SPIKE DUP % REC	#	RPD	#
PCB 1016	2.00	2.00	79	113	30	0	1.72	86		1.81	91		5.1	
PCB 1260	2.00	2.00	58	115	30	0	1.72	86		1.75	87		1.9	
PCB 1016 #2	2.00	2.00	81	112	30	0	1.93	97		2.12	106		9.5	
PCB 1260 #2	2.00	2.00	54	123	30	0	1.85	93		1.89	94		2.0	

Column to be used to flag recovery and RPD values outside of QC limits

* Values outside QC limits

LCS/LCSD spike added values have been weight adjusted.

Non-spike result of "0" used in place of "U" to allow calculation of spike recovery.

Comments: _____

PCB FORM 3

PCB SOIL
LABORATORY CONTROL SAMPLE/DUPLICATE
PERCENT RECOVERY

Instrument ID: M

GC Column #1: STX-CLPesticides I

Column ID: 0.25 mm

GC Column #2: STX-CLPesticides II

Column ID: 0.25 mm

SDG: 67041

Non-spiked sample: B062310PSOX,,A/C

Spike: L062310PSOX,,A/C

Spike duplicate: LD062310PSOX,,A/C

COMPOUND	LCS SPIKE ADDED (ug/kg)	LCSD SPIKE ADDED (ug/kg)	LOWER LIMIT	UPPER LIMIT	RPD LIMIT	NON-SPIKE RESULT (ug/kg)	SPIKE RESULT (ug/kg)	SPIKE % REC	#	SPIKE DUP RESULT (ug/kg)	SPIKE DUP % REC	#	RPD	#
PCB 1016	200	200	65	140	30	0	221	110		226	113		2.3	
PCB 1260	200	200	60	130	30	0	207	104		208	104		0.4	
PCB 1016 #2	200	200	65	140	30	0	274	137		276	138		0.7	
PCB 1260 #2	200	200	60	130	30	0	196	98		200	100		2.1	

Column to be used to flag recovery and RPD values outside of QC limits

* Values outside QC limits

LCS/LCSD spike added values have been weight adjusted.

Non-spike result of "0" used in place of "U" to allow calculation of spike recovery.

Comments: _____

_____

CHAIN OF CUSTODIES

Chain Of Custody Form

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, NH 03801
Phone (603) 436-5111
Fax (603) 430-2151

For Analytics Use Only Rev. 5 06/18/08

Samples were:
1) Shipped or hand-delivered
2) Temp blank °C 3.6°
3) Received in good condition Y or N
4) pH checked by: CP 6/23/10
5) Labels checked by: JB 6/23/10

Project#: 223019 Proj. Name: AMISTAD ACADEMY
Company: Woodard &Curran
Contact: GEORGE FRANKLIN / JEFF HAMEL
Address: 41 Hutchins Drive
Portland, ME
Phone: (207)774-2112 PO# Quote # WCI03051001
Sampler (Signature): Jesse Abbey Pa

Matrix Key:
C = Concrete
WP = Wipe
WW = Wastewater
SW = Surface Water
GW = Groundwater
DW = Drinking Water
S = Soil/Sludge
O = Oil
E = Extract
D = LAB DI H2O

Container Key
P=plastic G=glass

Preservation

Station Identification	Sample Date	Sample Time	Analysis	Unpres	4° C	HNO_3	H_2SO_4	HCL	Methanol	Other	Matrix	Container number/type		pH	Analytics Sample #
AA-VSS-098	6/22/10	1130	PCB's by U.S. E.P.A.		✓						S	1	G		67041 -1
AA-VSS-099		1140			✓						S	1	G		2
AA-VSS-500		1150			✓						S	1	G		3
AA-VSS-Q-101		1155			✓						D	1	G	6.0	4
AA-VSS-102		1320			✓						S	1	G		5
AA-VSS-103		1330			✓						S	1	G		6
AA-VSS-104		1340			✓						S	1	G		7
AA-VSS-105		1350			✓						S	1	G		8
AA-VSS-106		1410			✓						S	1	G		9
AA-VCC-107		1420			✓						C	1	G		10

CP 6/23/10

Email Results to:
sfranklin@woodardcurran.com
jhamel..., jream...

Turnaround Time (TAT)
✓ 24hr* ☐ 48hr*
☐ 72hr* ☐ 5 Days*
☐ 10 Days
*Fee may apply; lab approval required

Comments / Instructions:
R.L. ≤1.0 mg/kg.
Amber liter is (-) for CL using KI paper -CP 6/23/10

Project Requirements:
*Fee may apply

Report Type:
☐ MCP* ✓ Level II*
☐ CTRCP* ☐ Level III*
☐ DOD* ☐ Level IV*
☐ Standard

State:
☐ NH
☐ MA
☐ ME
✓ CT
☐ RI
Other:

State Standard:
(eg. S-1 or GW-1)
EDD Required: Y* N
Type: .xls

Received By: Fed Ex Time: Date: 6/22/10
Received By: Casey Pay Time: 930 Date: 6/23/10
Received By: Time: CP 6/23/10 Date:
Relinquished By Sampler: Jesse Abbey Pa
Relinquished By: Fed Ex
Relinquished By:

Analytics\AEL Documents\AEL COC

Page 1 of 1

ANALYTICS SAMPLE RECEIPT CHECKLIST

analytics environmental laboratory LLC

AEL LAB#: 67041

CLIENT: Woodard + Curran

PROJECT: Amistad

COOLER NUMBER: N/A

NUMBER OF COOLERS: 1

DATE RECEIVED: 6/23/10

DATE COOLER OPENED: 6/23/10

Date Received: 6/23/10

A: PRELIMINARY EXAMINATION:

1. Cooler received by(initials): CP

2. Circle one: Hand delivered (If so, skip 3) Shipped

3. Did cooler come with a shipping slip? Y N

3a. Enter carrier name and airbill number here: Fed Ex 7987 8287 5659

4. Were custody seals on the outside of cooler? Y N
How many & where: 2 on lid Seal Date: N/A Seal Name: N/A

5. Did the custody seals arrive unbroken and intact upon arrival? Y N

6. COC#: N/A

7. Were Custody papers filled out properly (ink,signed, etc)? Y N on time for when sampler relinquished custody to Fed Ex

8. Were custody papers sealed in a plastic bag? Y N

9. Did you sign the COC in the appropriate place? Y N

10. Was the project identifiable from the COC papers? Y N

11. Was enough ice used to chill the cooler? Y N Temp. of cooler: 3.6°

B. Log-In: Date samples were logged in: 6/23/10 By: CP

12. Type of packing in cooler(bubble wrap, popcorn) Y N

13. Were all bottles sealed in separate plastic bags? Y N

14. Did all bottles arrive unbroken and were labels in good condition? Y N

15. Were all bottle labels complete(ID,Date,time,etc.) Y N

16. Did all bottle labels agree with custody papers? Y N

17. Were the correct containers used for the tests indicated: Y N

18. Were samples received at the correct pH? Amber liter is pH of 6.0 Y N

19. Was sufficient amount of sample sent for the tests indicated? Y N

20. Were bubbles absent in VOA samples? Y N/A

If NO, List Sample ID's and Lab #s:

21. Laboratory labeling verified by (initials): JB

Date: ~~6/27~~ 6/23/10 JB 6/23/10

C:ANLYTICS LLC\AEL DOCUMENTS\FORMS\SMPL CHKLST\Edit 4908

Rev. 2, 4/13/10

From: Origin ID: BNHA (203) 271-0379
Jesse Ream
WOODARD & CURRAN INC
1520 HIGHLAND AVENUE

CHESHIRE, CT 06410

FedEx Express

J10201005250225

Ship Date: 22JUN10
ActWgt: 25.0 LB
CAD: 2185050/INET3060

Delivery Address Bar Code

SHIP TO: (603) 436-5111 BILL SENDER
Analytics Enviro Labs, LLC
Analytics Enviro Labs, LLC
195 COMMERCE WAY UNIT E

PORTSMOUTH, NH 03801

Ref # 223019.00
Invoice #
PO #
Dept #

TRK# 0201 7987 8287 5659

WED - 23 JUN A2
PRIORITY OVERNIGHT

03801
NH-US
MHT

03 IGGA

5986J/22F2/9A24

After printing this label:
1. Use the 'Print' button on this page to print your label to your laser or inkjet printer.
2. Fold the printed page along the horizontal line.
3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

Warning: Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com.FedEx will not be responsible for any claim in excess of $100 per package, whether the result of loss, damage, delay, non-delivery,misdelivery,or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim.Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic valueof the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental,consequential, or special is limited to the greater of $100 or the authorized declared value. Recovery cannot exceed actual documented loss.Maximum for items of extraordinary value is $500, e.g. jewelry, precious metals, negotiable instruments and other items listed in our ServiceGuide. Written claims must be filed within strict time limits, see current FedEx Service Guide.

TAMPER RESISTANT

TAMPER RESISTANT

TAMPER RESISTANT

TAMPER RESISTANT

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

June 28, 2010

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

RE: Analytical Results Case Narrative
Analytics # 67055
AMISTAD ACADEMY

Dear Mr. Franklin;

Enclosed please find the analytical results for samples submitted for the above-mentioned project. The attached Cover Page lists the sample IDs, Lab tracking numbers and collection dates for the samples included in this deliverable.

Samples were analyzed Polychlorinated Biphenyls (PCBs) by EPA Method 8082.

Unless otherwise noted in the Non-conformance Summary listed below, all of the quality control (QC) criteria including initial calibration, calibration verification, surrogate recovery, holding time and method accuracy/precision for these analyses were within acceptable limits.

This Level II data package has been assembled in the following order:

Case Narrative/Non-Conformance Summary
Sample Log Sheet - Cover Page
PCB Form 1 Data Sheet for Samples and Blanks
Chromatograms
PCB Form 10 Confirmation Results
PCB Form 3 MS/MSD (LCS) Recoveries
Chain of Custody (COC) Forms

QC NON-CONFORMANCE SUMMARY

Sample Receipt:
No exceptions.

PCBs by EPA Method 8082:
No results were reported below the quantitation limit.

The closing continuing calibration standard had low recoveries for surrogate Decachlorobiphenyl (DCB) on both columns (75% & 78%). The analytical window was reanalyzed with similar results. Results were reported with a comment to this affect.

If you have any questions on these results, please do not hesitate to contact me.

Sincerely,
ANALYTICS Environmental Laboratory, LLC

Stephen L. Knollmeyer
Laboratory Director

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

Report Number: 67055

Revision: Rev. 0

Re: AMISTAD ACADEMY (Project No: 223019)

Enclosed are the results of the analyses on your sample(s). Samples were received on 24 June 2010 and analyzed for the tests listed. Samples were received in acceptable condition, with the exceptions noted below or on the chain of custody. These results pertain to samples as received by the laboratory and for the analytical tests requested on the chain of custody. The results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report. Please see individual reports for specific methodologies and references.

Lab Number	Sample Date	Station Location	Analysis	Comments
67055-1	06/23/10	AA-VCC-108	EPA 8082 (PCBs only)	
67055-2	06/23/10	AA-VSS-109	Electronic Data Deliverable	
	06/23/10	AA-VSS-109	EPA 8082 (PCBs only)	

Sample Receipt Exceptions: None

Analytics Environmental Laboratory is certified by the states of New Hampshire, Maine, Massachusetts, Connecticut, Rhode Island, Virginia, Maryland, and is accredited by the Deparment of Defense (DOD) ELAP program. A list of actual certified parameters is available upon request.

If you have any questions on these results, please do not hesitate to contact us.

Authorized signature _____
Stephen L. Knollmeyer Lab. Director

Date 6/29/2010

This report shall not be reproduced, except in full, without the written consent of Analytics Environmental Laboratory, LLC.

analytics environmental laboratory LLC

Surrogate Compound Limits

Matrix:	Aqueous	Solid	
Units:	% Recovery	% Recovery	Method
Volatile Organic Compounds - Drinking Water			
1,4-Difluorobenzene	70-130		EPA 524.2
Bromofluorobenzene	70-130		
1,2-Dichlorobenzene-d4	70-130		
Volatile Organic Compounds			
1,2-Dichloroethane-d4	70-120	70-120	EPA 624/8260B
Toluene-d8	85-120	85-120	
Bromofluorobenzene	75-120	75-120	
Semi-Volatile Organic Compounds			
2-Fluorophenol	20-110	35-105	EPA 625/8270C
d5-Phenol	15-110	40-100	
d5-nitrobenzene	40-110	35-100	
2-Fluorobiphenyl	50-110	45-105	
2,4,6-Tribromophenol	40-110	40-125	
d14-p-terphenyl	50-130	30-125	
PAH's by SIM			
d5-nitrobenzene	21-110	35-110	EPA 8270C
2-Fluorobiphenyl	36-121	45-105	
d14-p-terphenyl	33-141	30-125	
Pesticides and PCBs			
2,4,5,6-Tetrachloro-m-xylene (TCX)	46-122	40-130	EPA 608/8082
Decachlorobiphenyl (DCB)	40-135	40-130	
Herbicides			
Dichloroacetic acid (DCAA)	30-150	30-150	
Gasoline Range Organics/TPH Gasoline			
Trifluorotoluene TFT (FID)	60-140	60-140	MEDEP 4217/EPA 8015
Bromofluorobenzene (BFB) (FID)	60-140	60-140	
Trifluorotoluene TFT (PID)	60-140	60-140	
Bromofluorobenzene (BFB) (PID)	60-140	60-140	
Diesel Range Organics/TPH Diesel			
m-terphenyl	60-140	60-140	MEDEP 4125/EPA 8015/CT ETPH
Volatile Petroleum Hydrocarbons			
2,5-Dibromotoluene (PID)	70-130	70-130	MADEP VPH May 2004 Rev1.1
2,5-Dibromotoluene (FID)	70-130	70-130	
Extracatable Petroleum Hydrocarbons			
1-chloro-octadecane (aliphatic)	40-140	40-140	MADEP EPH May 2004 Rev1.1
o-Terphenyl (aromatic)	40-140	40-140	
2-Fluorobiphenyl (Fractionation)	40-140	40-140	
2-Bromonaphthalene (fractionation)	40-140	40-140	

PCB
DATA SUMMARIES

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 29, 2010

SAMPLE DATA

CLIENT SAMPLE ID

Project Name: AMISTAD ACADEMY

Project Number: 223019

Field Sample ID: Lab QC

Lab Sample ID: B062410PSOX
Matrix: Soil
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date:
Lab Receipt Date:
Extraction Date: 06/24/10
Analysis Date: 06/28/10

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	106	%
Decachlorobiphenyl	66	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis. The closing continuing calibration standard had low recoveries. The analytical window was reanalyzed with similar results.

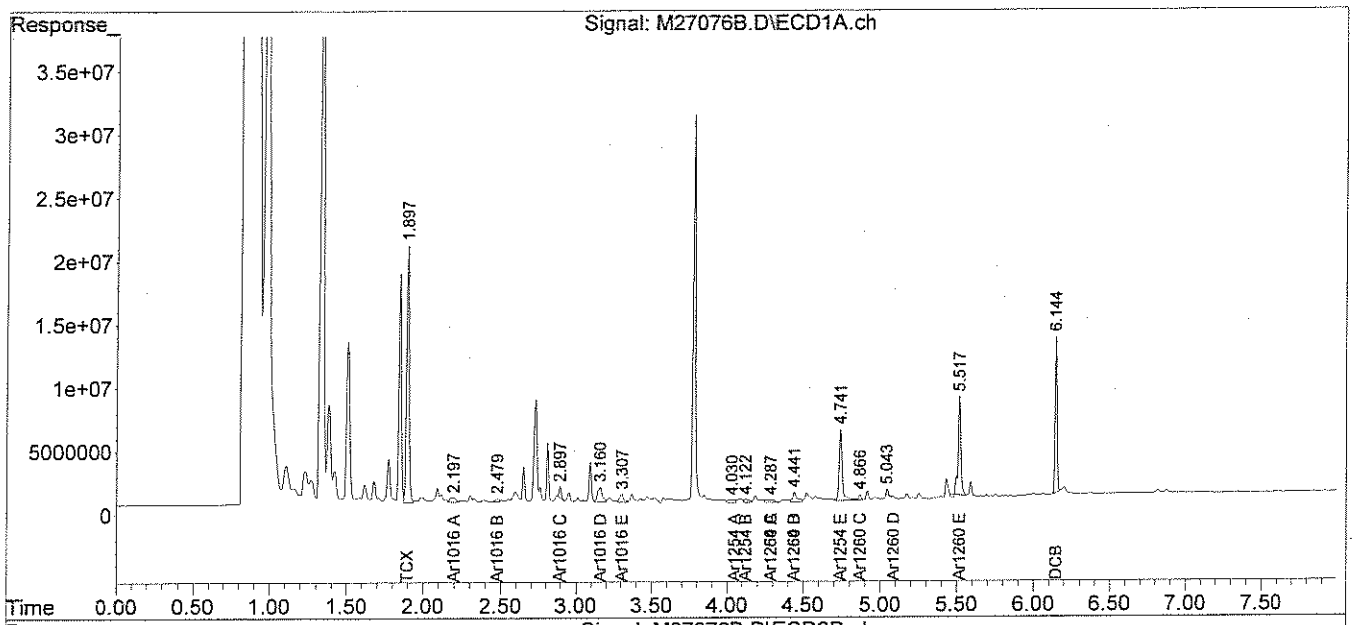
PCB Report

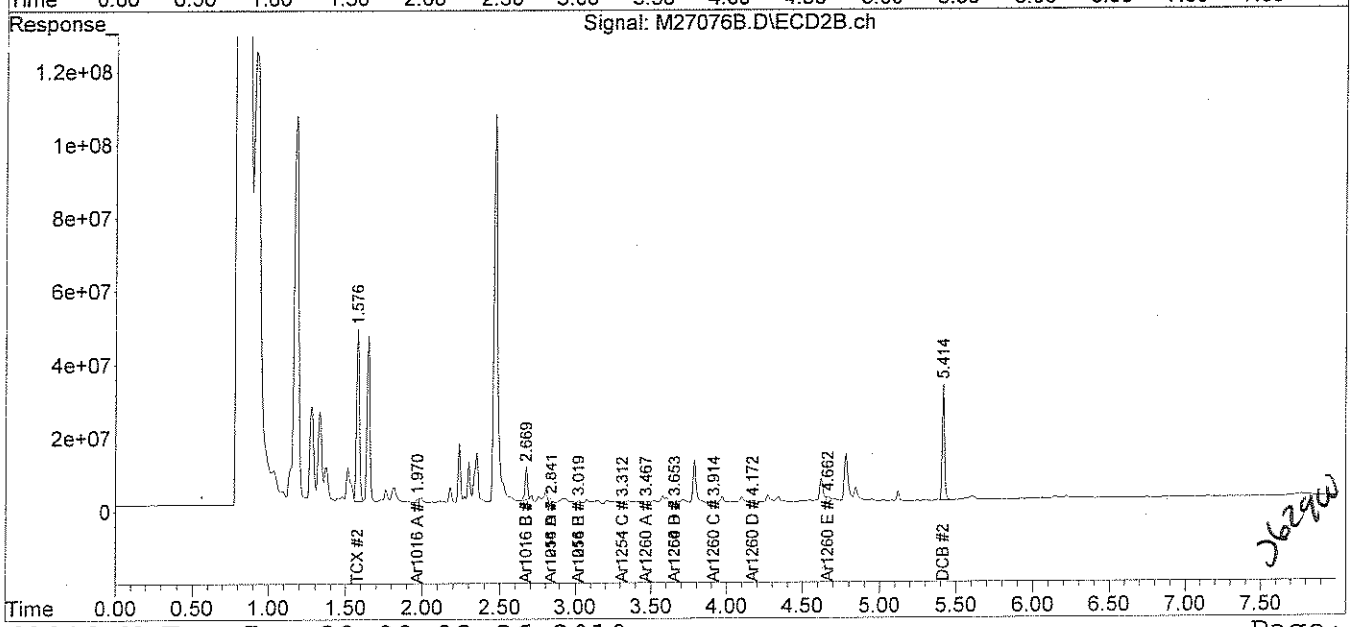
Authorized signature

Data Path : C:\msdchem\1\DATA\062810-M\
Data File : M27076B.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jun 2010 1:20 pm
Operator : JK
Sample : B062410PSOX,,A/C
Misc : SOIL
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 29 09:02:16 2010
Quant Method : C:\msdchem\1\METHODS\PCB062210.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 22 14:51:48 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





PCB062210.M Tue Jun 29 09:02:26 2010 Page: 2

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 29, 2010

SAMPLE DATA

Lab Sample ID:	67055-1
Matrix:	Solid
Percent Solid:	93
Dilution Factor:	1.1
Collection Date:	06/23/10
Lab Receipt Date:	06/24/10
Extraction Date:	06/24/10
Analysis Date:	06/25/10

CLIENT SAMPLE ID

Project Name:	AMISTAD ACADEMY
Project Number:	223019
Field Sample ID:	AA-VCC-108

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	36	U
PCB-1221	36	U
PCB-1232	36	U
PCB-1242	36	U
PCB-1248	36	U
PCB-1254	36	**220**
PCB-1260	36	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	91	%
Decachlorobiphenyl	44	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis. The closing continuing calibration standard had low recoveries. The analytical window was reanalyzed with similar results.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67055
Sample: 67055-1,,A/C
Data File: M27086.D
Dilution Factor: 1.1

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	220	178	21.2	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

PCB FORM 10

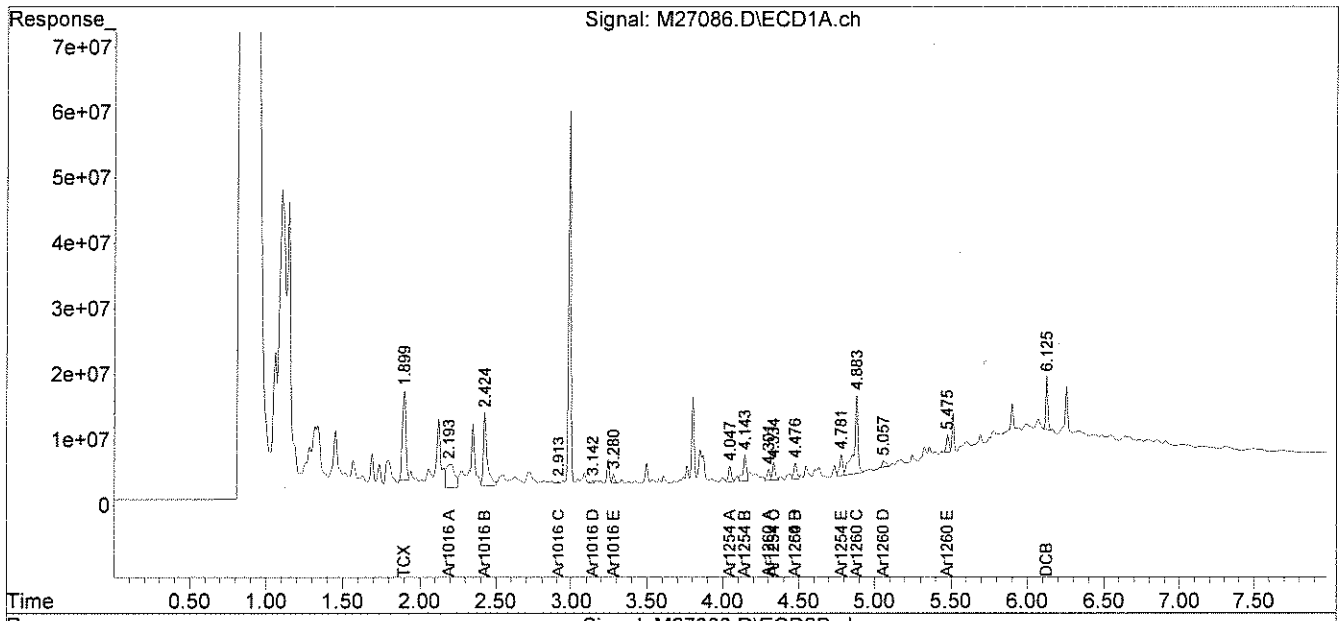
Quantitation Report (QT Reviewed)

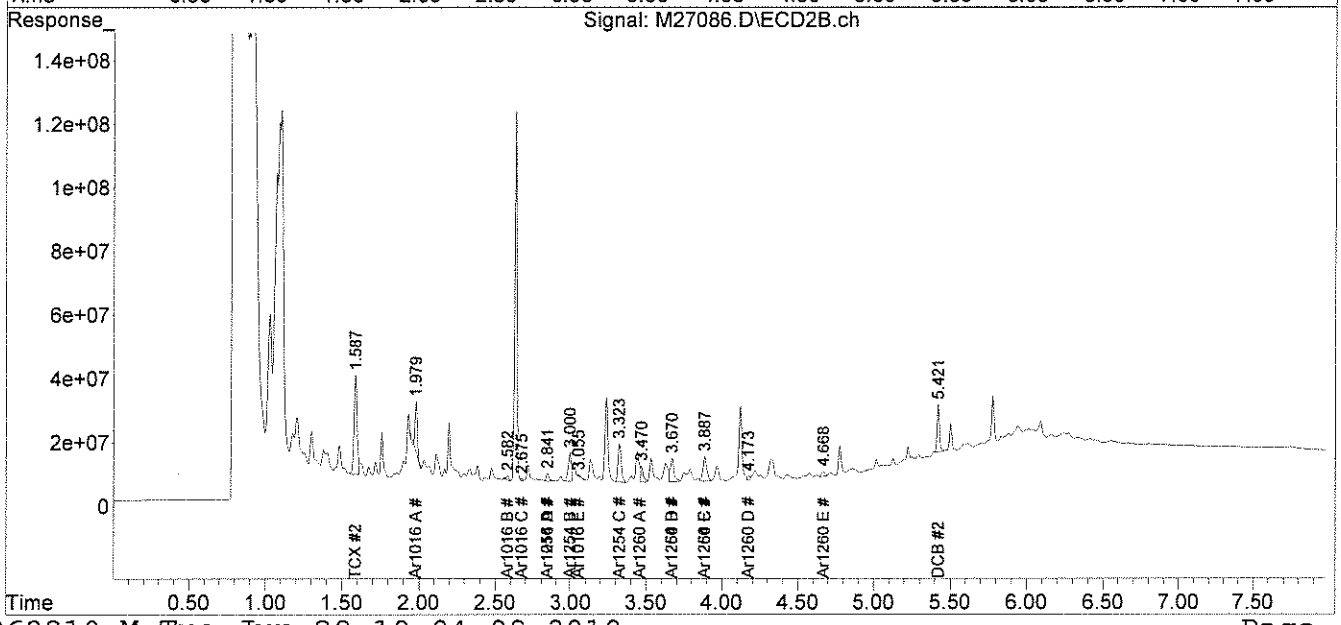
Data Path : C:\msdchem\1\DATA\062810-M\
Data File : M27086.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jun 2010 3:31 pm
Operator : JK
Sample : 67055-1,,A/C
Misc : SOIL
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 29 10:04:01 2010
Quant Method : C:\msdchem\1\METHODS\PCB062210.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 22 14:51:48 2010
Response via : Initial Calibration
Integrator: ChemStation

06.29.10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





J 6.29.10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 29, 2010

SAMPLE DATA

Lab Sample ID:	67055-2
Matrix:	Solid
Percent Solid:	92
Dilution Factor:	1.1
Collection Date:	06/23/10
Lab Receipt Date:	06/24/10
Extraction Date:	06/24/10
Analysis Date:	06/25/10

CLIENT SAMPLE ID

Project Name:	AMISTAD ACADEMY
Project Number:	223019
Field Sample ID:	AA-VSS-109

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	36	U
PCB-1221	36	U
PCB-1232	36	U
PCB-1242	36	U
PCB-1248	36	U
PCB-1254	36	U
PCB-1260	36	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	82	%
Decachlorobiphenyl	45	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis. The closing continuing calibration standard had low recoveries. The analytical window was reanalyzed with similar results.

PCB Report

Authorized signature

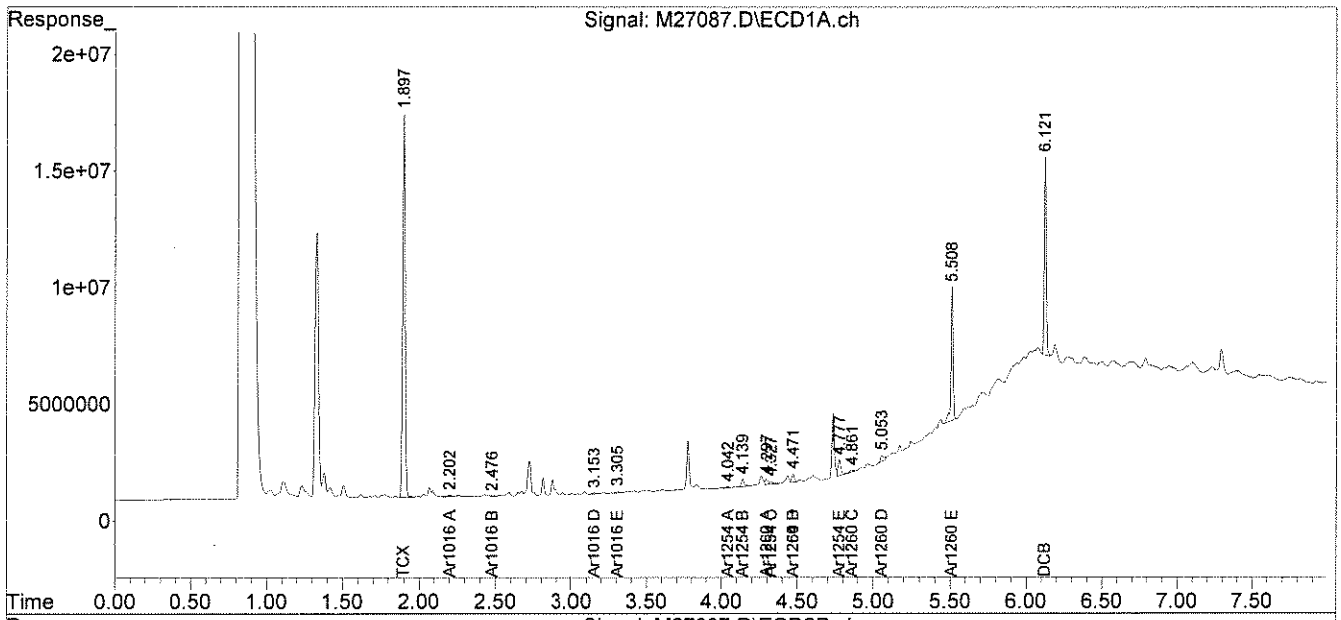
Quantitation Report (QT Reviewed)

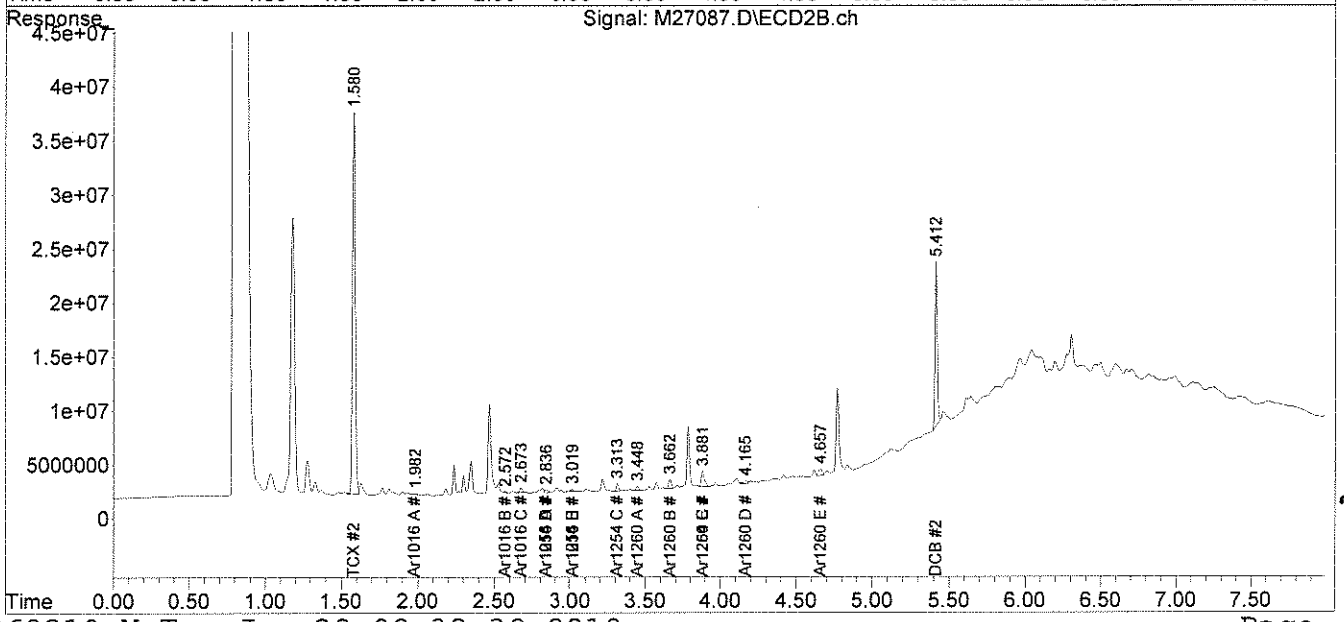
Data Path : C:\msdchem\1\DATA\062810-M\
Data File : M27087.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jun 2010 3:41 pm
Operator : JK
Sample : 67055-2,,A/C
Misc : SOIL
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 29 09:32:31 2010
Quant Method : C:\msdchem\1\METHODS\PCB062210.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 22 14:51:48 2010
Response via : Initial Calibration
Integrator: ChemStation

JL 06.29.10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





JL 6.29.10

PCB
QC FORMS

AnalyticsLLC:AEL Documents LLC:Pkg Dividers:PCBQC.doc

PCB SOIL
SYSTEM MONITORING COMPOUNDS
SUMMARY

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67055

	Column #1				Column #2			
SAMPLE ID	SMC 1 (%)	#	SMC 2 (%)	#	SMC 1 (%)	#	SMC 2 (%)	#
B062410PSOX,,A/C	106		66		95		63	
L062410PSOX,,A/C	109		67		94		64	
LD062410PSOX,,A/C	105		68		95		61	
67055-1,,A/C	91		44		63		31	*
67055-2,,A/C	82		45		68		29	*

		Lower Limit	Upper Limit
SMC #1 =	TCX	40	130
SMC #2 =	DCB	40	130

Column to be used to flag recovery values outside of QC limits
* Values outside QC limits
D System Monitoring Compound diluted out

PCB SOIL
LABORATORY CONTROL SAMPLE/DUPLICATE
PERCENT RECOVERY

Instrument ID: M

GC Column #1: STX-CLPesticides I

Column ID: 0.25 mm

GC Column #2: STX-CLPesticides II

Column ID: 0.25 mm

SDG: 67055

Non-spiked sample: B062410PSOX,,A/C

Spike: L062410PSOX,,A/C

Spike duplicate: LD062410PSOX,,A/C

COMPOUND	LCS SPIKE ADDED (ug/kg)	LCSD SPIKE ADDED (ug/kg)	LOWER LIMIT	UPPER LIMIT	RPD LIMIT	NON-SPIKE RESULT (ug/kg)	SPIKE RESULT (ug/kg)	SPIKE % REC	#	SPIKE DUP RESULT (ug/kg)	SPIKE DUP % REC	#	RPD	#
PCB 1016	200	200	65	140	30	0	219	109		226	113		3.2	
PCB 1260	200	200	60	130	30	0	218	109		203	102		7.0	
PCB 1016 #2	200	200	65	140	30	0	267	134		242	121		10.0	
PCB 1260 #2	200	200	60	130	30	0	207	103		180	90		13.7	

Column to be used to flag recovery and RPD values outside of QC limits

* Values outside QC limits

LCS/LCSD spike added values have been weight adjusted.

Non-spike result of "0" used in place of "U" to allow calculation of spike recovery.

Comments: _____

_____

PCB FORM 3

CHAIN OF CUSTODIES

Chain Of Custody Form

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, NH 03801
Phone (603) 436-5111
Fax (603) 430-2151

For Analytics Use Only Rev. 5 06/18/08

Samples were:
1) Shipped or hand-delivered
2) Temp blank °C 5.5° on ice
3) Received in good condition Y or N
4) pH checked by: N/A
5) Labels checked by: JBB 6/24/10

Project#: 223019 Proj. Name: AMISTAD ACADEMY
Company: Woodard &Curran
Contact: GEORGE FRANKLIN / JEFF HAMEL
Address: 41 Hutchins Drive
Portland, ME
Phone: (207)774-2112 PO# Quote # WCI03051001
Sampler (Signature): [signature]

Matrix Key:
C = Concrete
WP = Wipe
WW = Wastewater
SW = Surface Water
GW = Groundwater
DW = Drinking Water
S = Soil/Sludge
O = Oil
E = Extract

Container Key
P=plastic G=glass

Station Identification	Sample Date	Sample Time	Analysis	Preservation: Unpres	4° C	HNO_3	H_2SO_4	HCL	Methanol	Other	Matrix	Container number/type		pH	Analytics Sample #
AA-VCC-108	6/23/10	0820	PCB's by U.S.		✓						C	1	G		67055-1
AA-VGS-109	↓	0840	E.P.A. 8082 w/ Soxhlet Extraction		✓						S	1	G		2

CP 6/24/10

Email Results to:
gfranklin@woodardcurran.com
jhamel...

Turnaround Time (TAT)
- [x] 24hr*
- [ ] 48hr*
- [ ] 72hr*
- [ ] 5 Days*
- [ ] 10 Days

*Fee may apply; lab approval required

Comments / Instructions:
R.L. ≤1.0 mg/kg.

Project Requirements:
*Fee may apply

Report Type:
- [ ] MCP*
- [x] Level II*
- [ ] CTRCP*
- [ ] Level III*
- [ ] DOD*
- [ ] Level IV*
- [ ] Standard

State:
- [ ] NH
- [ ] MA
- [ ] ME
- [x] CT
- [ ] RI
- Other:

State Standard:
(eg. S-1 or GW-1)

EDD Required: Y* N
Type: .X/S

Relinquished By Sampler:	Relinquished By:	Relinquished By:
Jesse Abbott	Fed Ex	
Date: 6/23/10	Date: 6/24/10	Date:
Time:	Time: 930	Time: CP 6/24/10
Received By: Fed Ex	Received By: Casey Pang	Received By:

Analytics\AEL Documents\AEL COC

Page 1 of 1

ANALYTICS SAMPLE RECEIPT CHECKLIST

analytics environmental laboratory LLC

AEL LAB#: 67055

CLIENT: Woodard + Curran

PROJECT: Amistad Academy

COOLER NUMBER: N/A

NUMBER OF COOLERS: 1

DATE RECEIVED: 6/24/10

A: PRELIMINARY EXAMINATION:

DATE COOLER OPENED: 6/24/10

1. Cooler received by(initials): CP

Date Received: 6/24/10

2. Circle one: Hand delivered (If so, skip 3) Shipped

3. Did cooler come with a shipping slip? Y N

3a. Enter carrier name and airbill number here: Fed Ex 7987 8704 2034

4. Were custody seals on the outside of cooler? Y N
How many & where: 2 on lid Seal Date: N/A Seal Name: N/A

5. Did the custody seals arrive unbroken and intact upon arrival? Y N

6. COC#: N/A

7. Were Custody papers filled out properly (ink,signed, etc)? Y N - No time listed on COC as to when sampler relinquished samples

8. Were custody papers sealed in a plastic bag? Y N

9. Did you sign the COC in the appropriate place? Y N

10. Was the project identifiable from the COC papers? Y N

11. Was enough ice used to chill the cooler? Y N Temp. of cooler: 5.5° on ice

B. Log-In: Date samples were logged in: 6/24/10 By: CP

12. Type of packing in cooler(bubble wrap, popcorn) Y N

13. Were all bottles sealed in separate plastic bags? Y N

14. Did all bottles arrive unbroken and were labels in good condition? Y N

15. Were all bottle labels complete(ID,Date,time,etc.) Y N

16. Did all bottle labels agree with custody papers? Y N

17. Were the correct containers used for the tests indicated: Y N

18. Were samples received at the correct pH? Y N/A

19. Was sufficient amount of sample sent for the tests indicated? Y N

20. Were bubbles absent in VOA samples? Y N/A

If NO, List Sample ID's and Lab #s: _____

21. Laboratory labeling verified by (initials): JRB Date: 6/24/10

From: Origin ID: BNHA (203) 271-0379
Jesse Ream
WOODARD & CURRAN INC
1520 HIGHLAND AVENUE

CHESHIRE, CT 06410

FedEx Express

E

J10201005258225

Ship Date: 23JUN10
ActWgt: 15.0 LB
CAD: 2185050/INET3060

Delivery Address Bar Code

Ref # 223019.00
Invoice #
PO #
Dept #

SHIP TO: (603) 436-5111 BILL SENDER

Analytics Enviro Labs, LLC
Analytics Enviro Labs, LLC
195 COMMERCE WAY UNIT E

PORTSMOUTH, NH 03801

TRK# 0201 7987 8704 2234

THU - 24 JUN A2
PRIORITY OVERNIGHT

03801
NH-US
MHT

03 IGGA

508G1/22F2/9A24

After printing this label:
1. Use the 'Print' button on this page to print your label to your laser or inkjet printer.
2. Fold the printed page along the horizontal line.
3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

Warning: Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com.FedEx will not be responsible for any claim in excess of $100 per package, whether the result of loss, damage, delay, non-delivery,misdelivery,or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim.Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic valueof the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental,consequential, or special is limited to the greater of $100 or the authorized declared value. Recovery cannot exceed actual documented loss.Maximum for items of extraordinary value is $500, e.g. jewelry, precious metals, negotiable instruments and other items listed in our ServiceGuide. Written claims must be filed within strict time limits, see current FedEx Service Guide.

TAMPER RESISTANT

TAMPER RESISTANT

4/05 BP

RT 328 1 C R
2234
06.24
NT

FZ

TAMPER RESISTANT

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

June 28, 2010

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

RE: Analytical Results Case Narrative
Analytics # 67066
AMISTAD ACADEMY

Dear Mr. Franklin;

Enclosed please find the analytical results for samples submitted for the above-mentioned project. The attached Cover Page lists the sample IDs, Lab tracking numbers and collection dates for the samples included in this deliverable.

Samples were analyzed Polychlorinated Biphenyls (PCBs) by EPA Method 8082.

Unless otherwise noted in the Non-conformance Summary listed below, all of the quality control (QC) criteria including initial calibration, calibration verification, surrogate recovery, holding time and method accuracy/precision for these analyses were within acceptable limits.

This Level II data package has been assembled in the following order:

Case Narrative/Non-Conformance Summary
Sample Log Sheet - Cover Page
PCB Form 1 Data Sheet for Samples and Blanks
Chromatograms
PCB Form 10 Confirmation Results
PCB Form 3 MS/MSD (LCS) Recoveries
Chain of Custody (COC) Forms

QC NON-CONFORMANCE SUMMARY

Sample Receipt:
No exceptions.

PCBs by EPA Method 8082:
No results were reported below the quantitation limit.

If you have any questions on these results, please do not hesitate to contact me.

Sincerely,
ANALYTICS Environmental Laboratory, LLC

Stephen L. Knollmeyer
Laboratory Director

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

Report Number: 67066

Revision: Rev. 0

Re: AMISTAD ACADEMY (Project No: 223019.00)

Enclosed are the results of the analyses on your sample(s). Samples were received on 25 June 2010 and analyzed for the tests listed. Samples were received in acceptable condition, with the exceptions noted below or on the chain of custody. These results pertain to samples as received by the laboratory and for the analytical tests requested on the chain of custody. The results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report. Please see individual reports for specific methodologies and references.

Lab Number	Sample Date	Station Location	Analysis	Comments
67066-1	06/24/10	AA-VWP-110	EPA 8082 (PCBs only)	
67066-2	06/24/10	AA-VCC-111	EPA 8082 (PCBs only)	
67066-3	06/24/10	AA-VWP-112	EPA 8082 (PCBs only)	
67066-4	06/24/10	AA-VBS-113	EPA 8082 (PCBs only)	
67066-5	06/24/10	AA-VBS-114	Electronic Data Deliverable	
	06/24/10	AA-VBS-114	EPA 8082 (PCBs only)	

Sample Receipt Exceptions: None

Analytics Environmental Laboratory is certified by the states of New Hampshire, Maine, Massachusetts, Connecticut, Rhode Island, Virginia, Maryland, and is accredited by the Deparment of Defense (DOD) ELAP program. A list of actual certified parameters is available upon request.

If you have any questions on these results, please do not hesitate to contact us.

Authorized signature _____
Stephen L. Knollmeyer Lab. Director

Date 6/29/2010

This report shall not be reproduced, except in full, without the written consent of Analytics Environmental Laboratory, LLC.

Surrogate Compound Limits

Matrix:	Aqueous	Solid	
Units:	% Recovery	% Recovery	Method
Volatile Organic Compounds - Drinking Water			
1,4-Difluorobenzene	70-130		EPA 524.2
Bromofluorobenzene	70-130		
1,2-Dichlorobenzene-d4	70-130		
Volatile Organic Compounds			
1,2-Dichloroethane-d4	70-120	70-120	EPA 624/8260B
Toluene-d8	85-120	85-120	
Bromofluorobenzene	75-120	75-120	
Semi-Volatile Organic Compounds			
2-Fluorophenol	20-110	35-105	EPA 625/8270C
d5-Phenol	15-110	40-100	
d5-nitrobenzene	40-110	35-100	
2-Fluorobiphenyl	50-110	45-105	
2,4,6-Tribromophenol	40-110	40-125	
d14-p-terphenyl	50-130	30-125	
PAH's by SIM			
d5-nitrobenzene	21-110	35-110	EPA 8270C
2-Fluorobiphenyl	36-121	45-105	
d14-p-terphenyl	33-141	30-125	
Pesticides and PCBs			
2,4,5,6-Tetrachloro-m-xylene (TCX)	46-122	40-130	EPA 608/8082
Decachlorobiphenyl (DCB)	40-135	40-130	
Herbicides			
Dichloroacetic acid (DCAA)	30-150	30-150	
Gasoline Range Organics/TPH Gasoline			
Trifluorotoluene TFT (FID)	60-140	60-140	MEDEP 4217/EPA 8015
Bromofluorobenzene (BFB) (FID)	60-140	60-140	
Trifluorotoluene TFT (PID)	60-140	60-140	
Bromofluorobenzene (BFB) (PID)	60-140	60-140	
Diesel Range Organics/TPH Diesel			
m-terphenyl	60-140	60-140	MEDEP 4125/EPA 8015/CT ETPH
Volatile Petroleum Hydrocarbons			
2,5-Dibromotoluene (PID)	70-130	70-130	MADEP VPH May 2004 Rev1.1
2,5-Dibromotoluene (FID)	70-130	70-130	
Extracatable Petroleum Hydrocarbons			
1-chloro-octadecane (aliphatic)	40-140	40-140	MADEP EPH May 2004 Rev1.1
o-Terphenyl (aromatic)	40-140	40-140	
2-Fluorobiphenyl (Fractionation)	40-140	40-140	
2-Bromonaphthalene (fractionation)	40-140	40-140	

PCB
DATA SUMMARIES

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 29, 2010

SAMPLE DATA

Lab Sample ID: B062510PSOX
Matrix: Soil
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date:
Lab Receipt Date:
Extraction Date: 06/25/10
Analysis Date: 06/28/10

CLIENT SAMPLE ID

Project Name: AMISTAD ACADEMY
Project Number: 223019.00
Field Sample ID: Lab QC

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	100	%
Decachlorobiphenyl	57	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB Report

Authorized signature

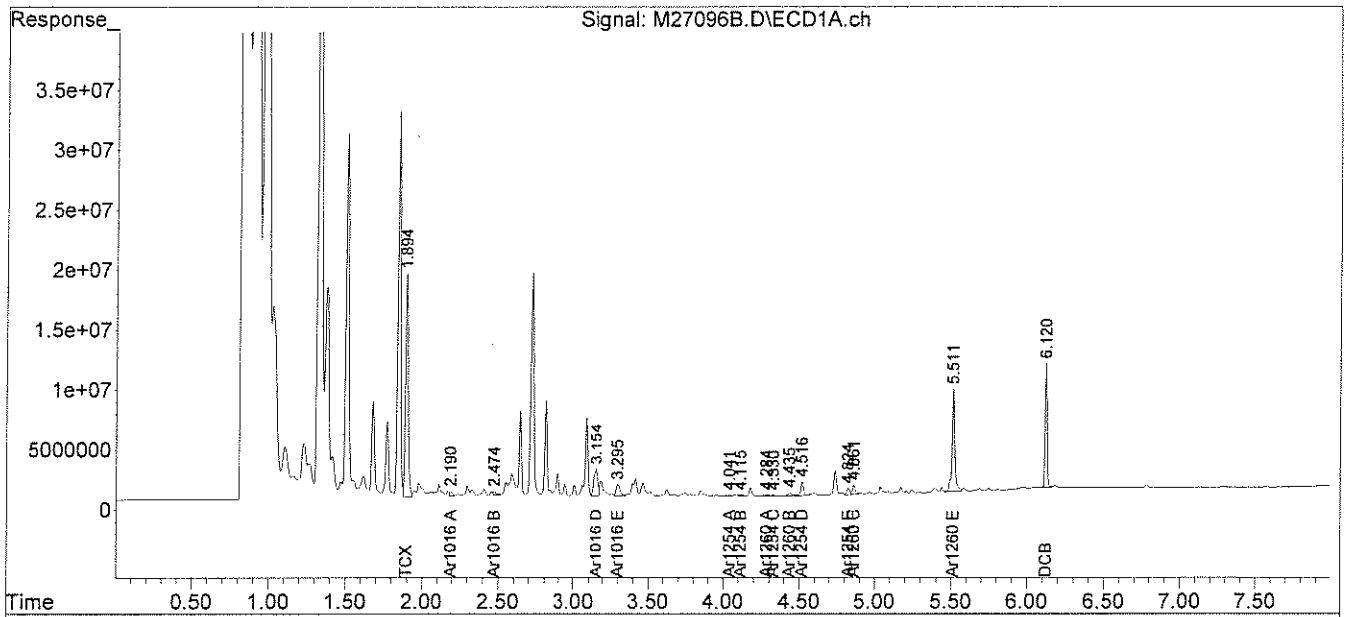
Quantitation Report (QT Reviewed)

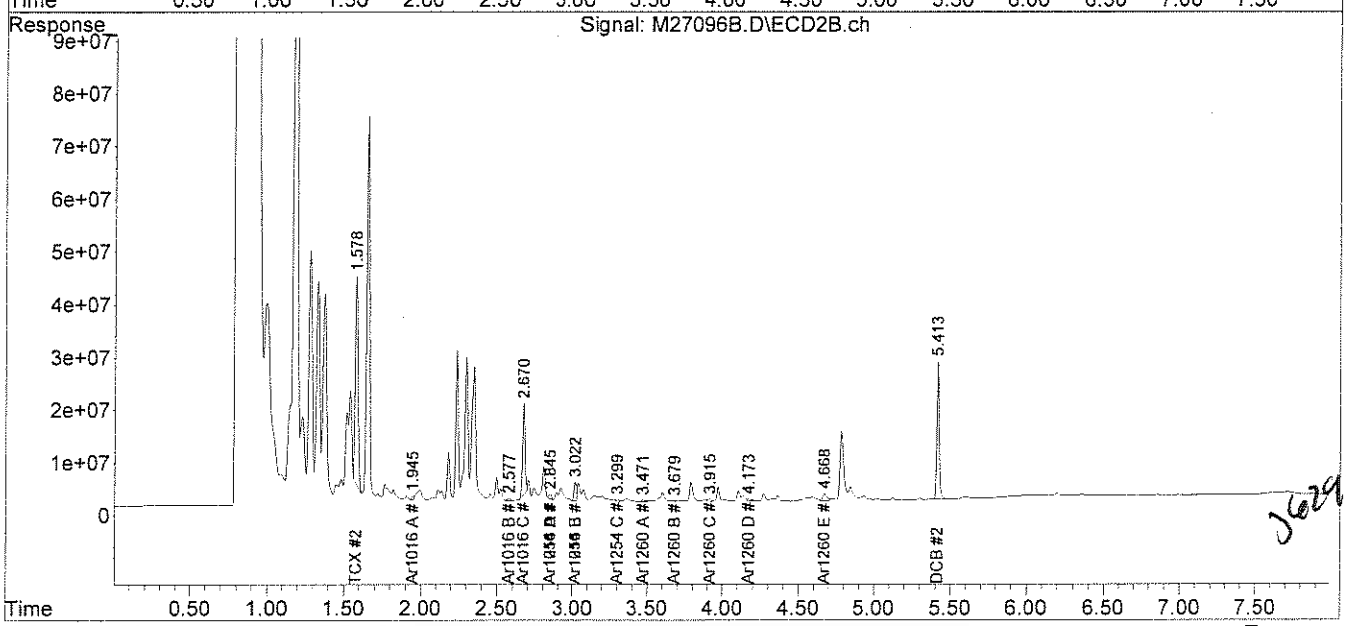
Data Path : C:\msdchem\1\DATA\062810-M\
Data File : M27096B.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jun 2010 5:19 pm
Operator : JK
Sample : B062510PSOX,,A/C
Misc :
ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 29 11:04:00 2010
Quant Method : C:\msdchem\1\METHODS\PCB062210.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 22 14:51:48 2010
Response via : Initial Calibration
Integrator: ChemStation

06-29-10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





JG29W

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 29, 2010

SAMPLE DATA

Lab Sample ID: B062810PSOX2
Matrix: Soil
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date:
Lab Receipt Date:
Extraction Date: 06/28/10
Analysis Date: 06/29/10

CLIENT SAMPLE ID

Project Name: Amistad Academy
Project Number: 223019
Field Sample ID: Lab QC

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	93	%
Decachlorobiphenyl	59	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

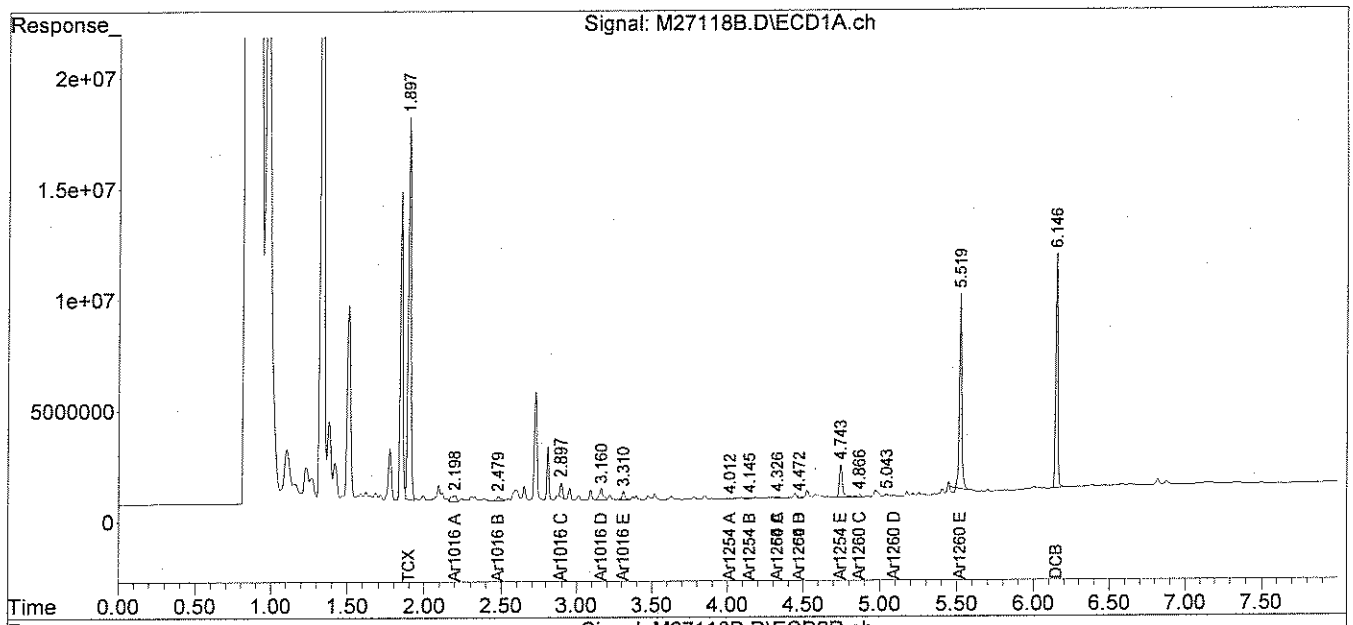
Authorized signature

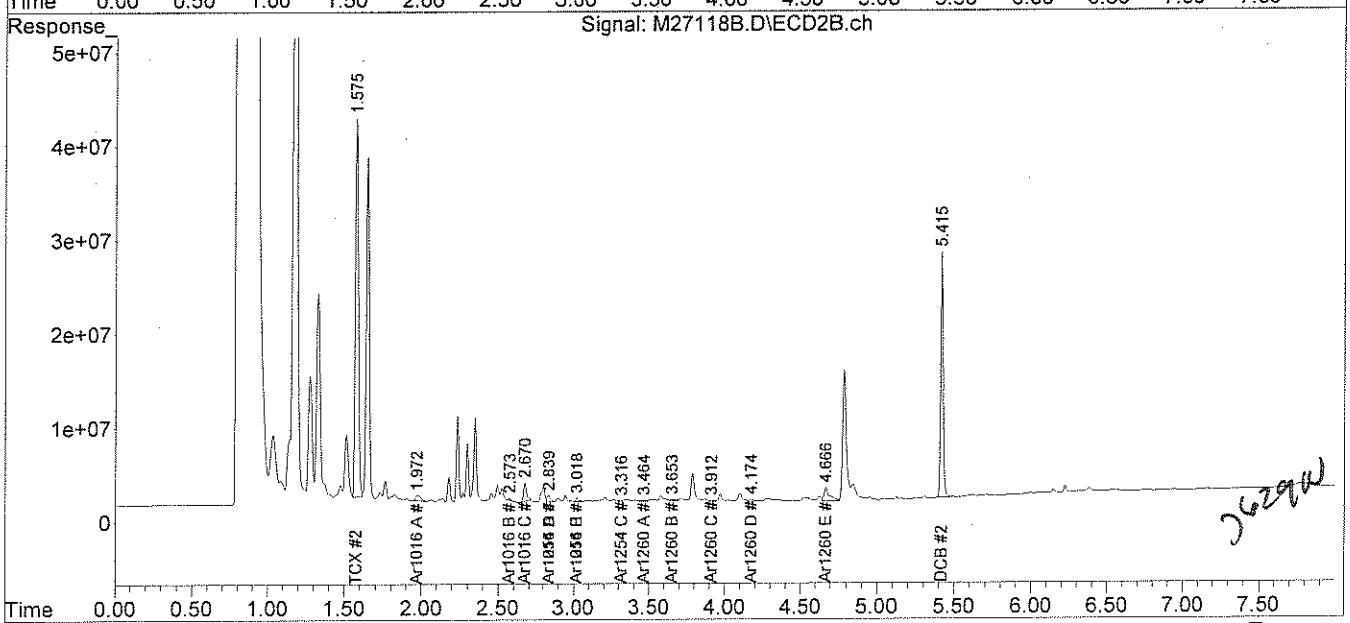
Data Path : C:\msdchem\1\DATA\062910-M\
Data File : M27118B.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jun 2010 11:30 am
Operator : JK
Sample : B062810PSOX2,,A/C
Misc : SOIL
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 29 12:30:04 2010
Quant Method : C:\msdchem\1\METHODS\PCB062210.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 22 14:51:48 2010
Response via : Initial Calibration
Integrator: ChemStation

06-29-10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





6-29-10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 29, 2010

SAMPLE DATA

Lab Sample ID:	67066-1
Matrix:	Wipe
Percent Solid:	N/A
Dilution Factor:	1.0
Collection Date:	06/24/10
Lab Receipt Date:	06/25/10
Extraction Date:	06/25/10
Analysis Date:	06/28/10

CLIENT SAMPLE ID

Project Name:	AMISTAD ACADEMY
Project Number:	223019.00
Field Sample ID:	AA-VWP-110

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/wipe	Results µg/wipe
PCB-1016	0.5	U
PCB-1221	0.5	U
PCB-1232	0.5	U
PCB-1242	0.5	U
PCB-1248	0.5	U
PCB-1254	0.5	U
PCB-1260	0.5	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	93	%
Decachlorobiphenyl	58	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS:

PCB Report

Authorized signature

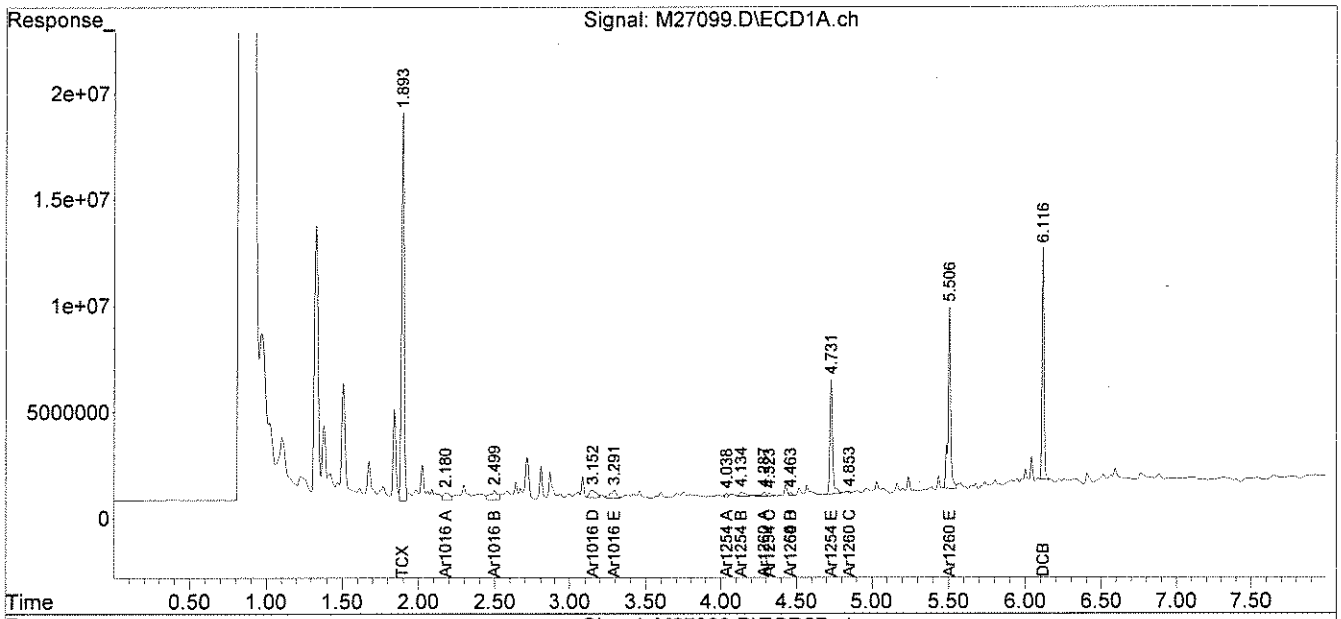
Quantitation Report (QT Reviewed)

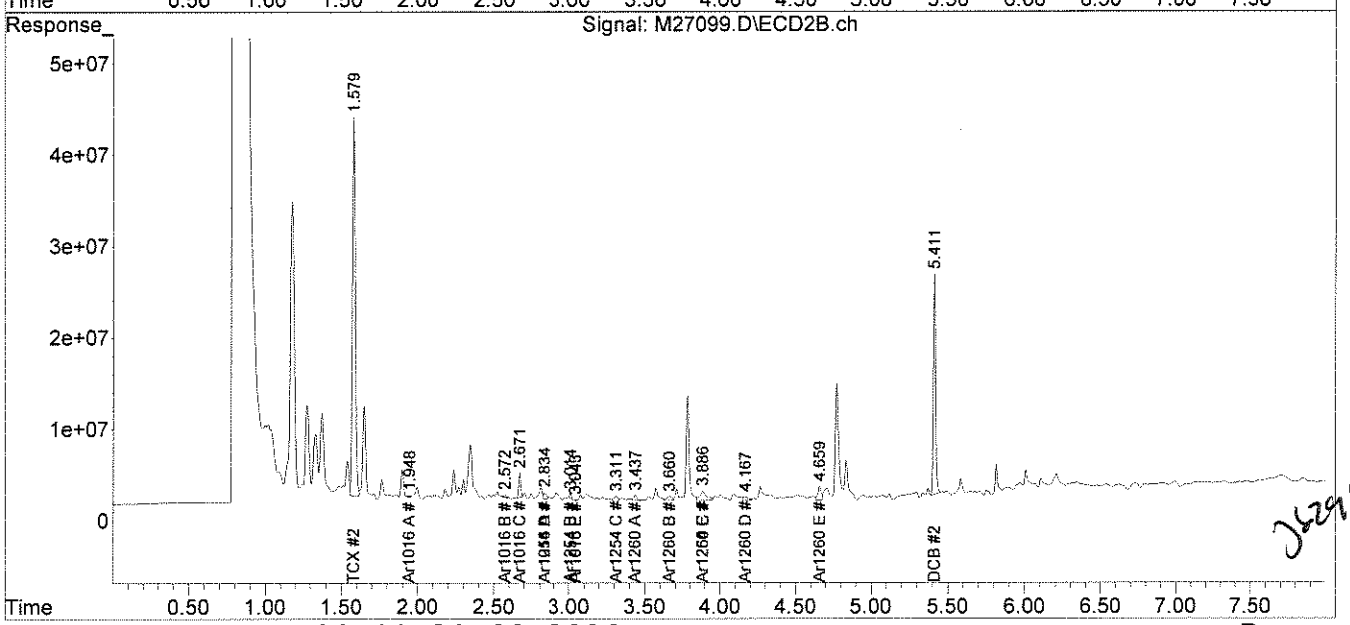
Data Path : C:\msdchem\1\DATA\062810-M\
Data File : M27099.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jun 2010 5:50 pm
Operator : JK
Sample : 67066-1,,A/C
Misc : SOIL
ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 29 11:19:07 2010
Quant Method : C:\msdchem\1\METHODS\PCB062210.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 22 15:04:58 2010
Response via : Initial Calibration
Integrator: ChemStation

JL 06-29-10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





JL 29-10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 29, 2010

SAMPLE DATA

Lab Sample ID:	67066-2
Matrix:	Solid
Percent Solid:	97
Dilution Factor:	10
Collection Date:	06/24/10
Lab Receipt Date:	06/25/10
Extraction Date:	06/25/10
Analysis Date:	06/29/10

CLIENT SAMPLE ID

Project Name:	AMISTAD ACADEMY
Project Number:	223019.00
Field Sample ID:	AA-VCC-111

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	330	U
PCB-1221	330	U
PCB-1232	330	U
PCB-1242	330	U
PCB-1248	330	U
PCB-1254	330	**5430**
PCB-1260	330	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	110	%
Decachlorobiphenyl	55	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67066
Sample: 67066-2,1:10,,A/C
Data File: M27125.D
Dilution Factor: 10.0

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	5426	4687	14.6	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

PCB FORM 10

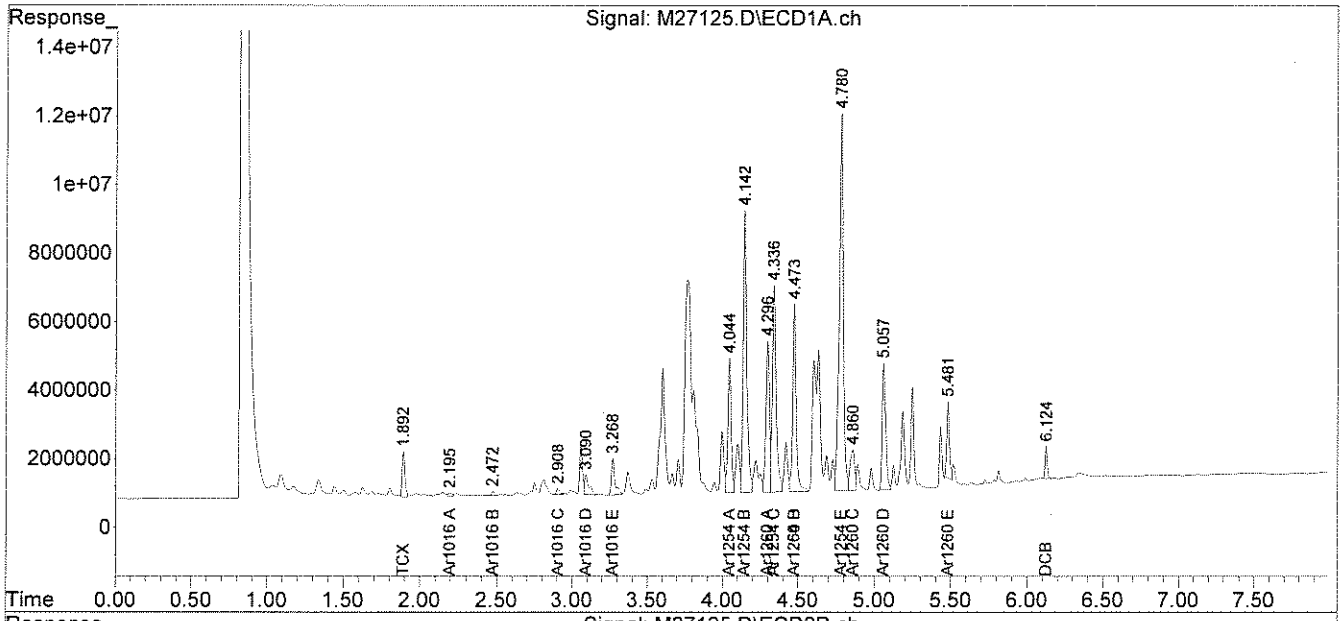
Quantitation Report (QT Reviewed)

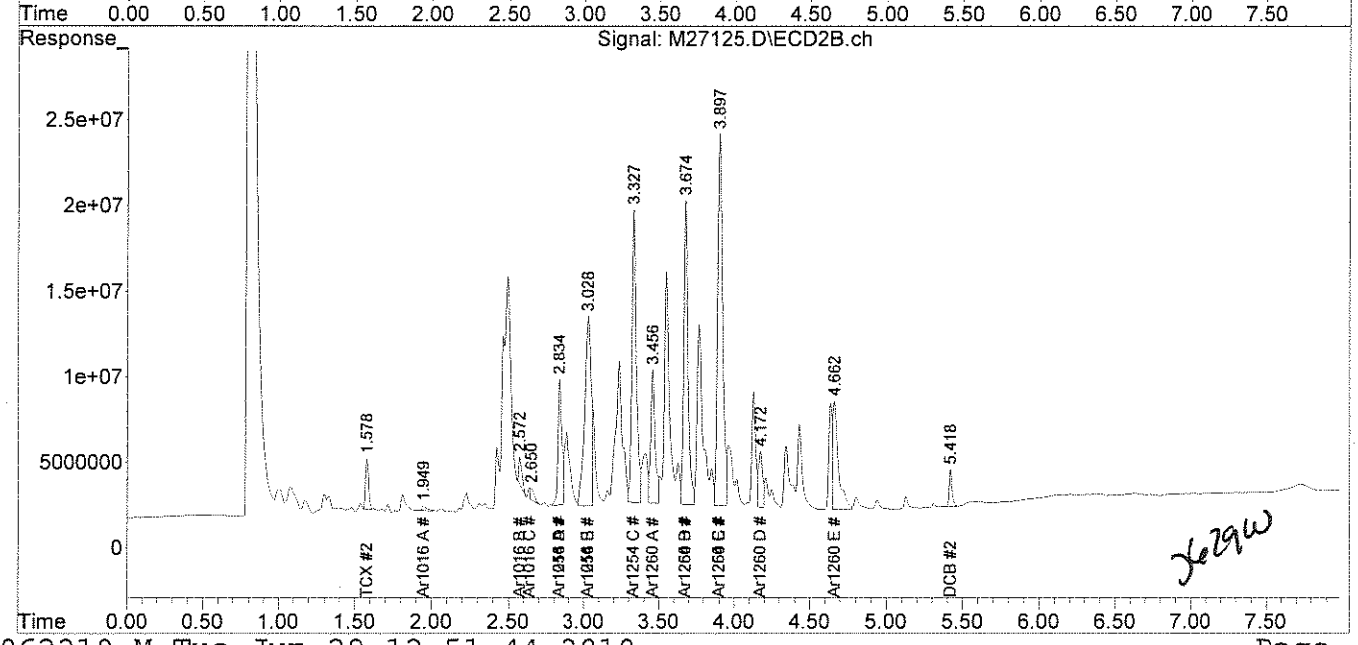
Data Path : C:\msdchem\1\DATA\062910-M\
Data File : M27125.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jun 2010 12:42 pm
Operator : JK
Sample : 67066-2,1:10,,A/C
Misc : SOIL
ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 29 12:51:30 2010
Quant Method : C:\msdchem\1\METHODS\PCB062210.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 22 14:51:48 2010
Response via : Initial Calibration
Integrator: ChemStation

06.29.10

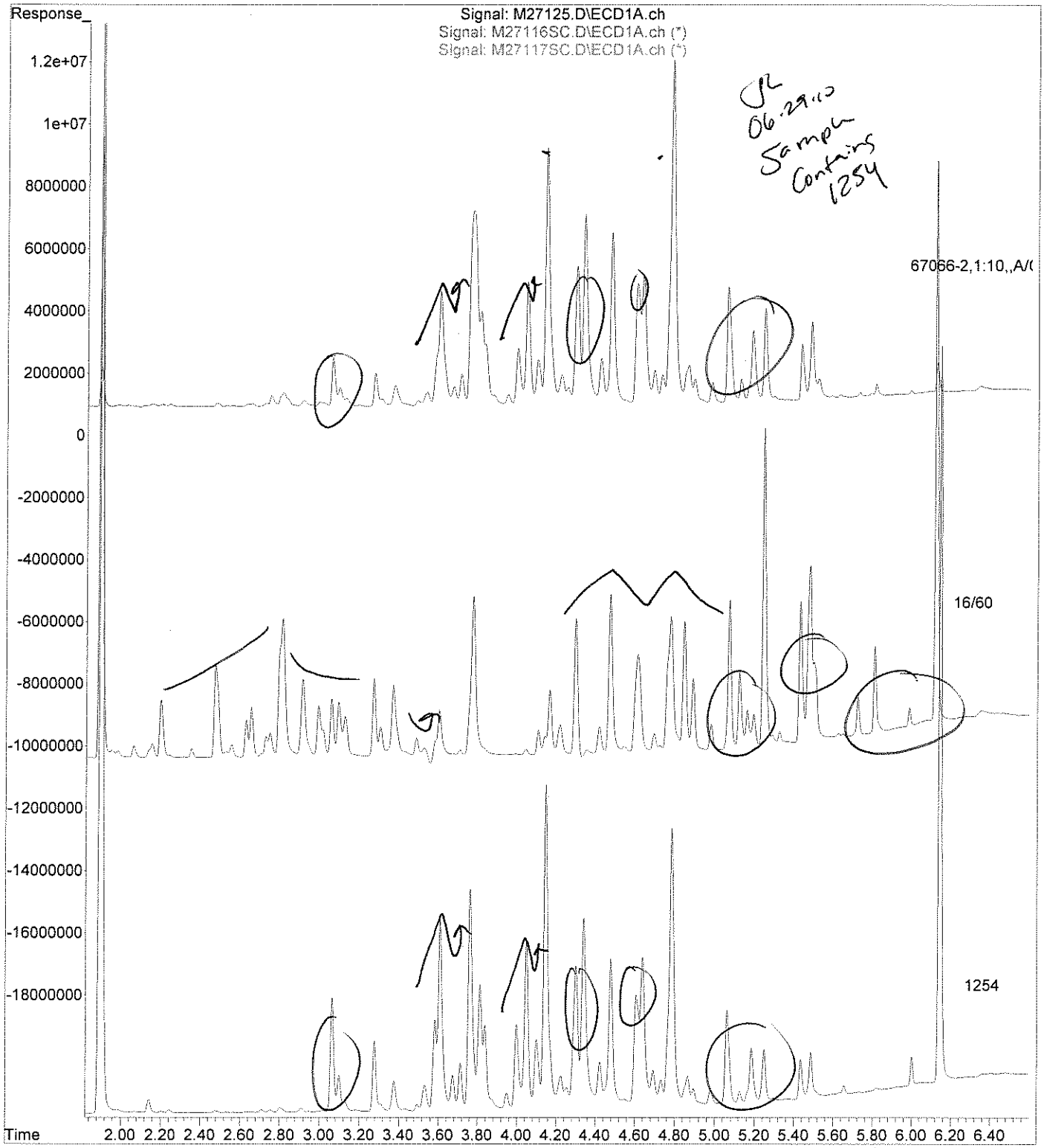
Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





6.29.10

File :C:\msdchem\1\DATA\062910-M\M27125.D
Operator : JK
Acquired : 29 Jun 2010 12:42 pm using AcqMethod PEST.M
Instrument : Instrument M
Sample Name: 67066-2,1:10,,A/C
Misc Info : SOIL
Vial Number: 18



JL 06.29.10 Sample Contains 1254

JK 29W

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 29, 2010

SAMPLE DATA

Lab Sample ID:	67066-3
Matrix:	Wipe
Percent Solid:	N/A
Dilution Factor:	1.0
Collection Date:	06/24/10
Lab Receipt Date:	06/25/10
Extraction Date:	06/25/10
Analysis Date:	06/28/10

CLIENT SAMPLE ID

Project Name:	AMISTAD ACADEMY
Project Number:	223019.00
Field Sample ID:	AA-VWP-112

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/wipe	Results µg/wipe
PCB-1016	0.5	U
PCB-1221	0.5	U
PCB-1232	0.5	U
PCB-1242	0.5	U
PCB-1248	0.5	U
PCB-1254	0.5	U
PCB-1260	0.5	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	93	%
Decachlorobiphenyl	58	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS:

PCB Report

Authorized signature

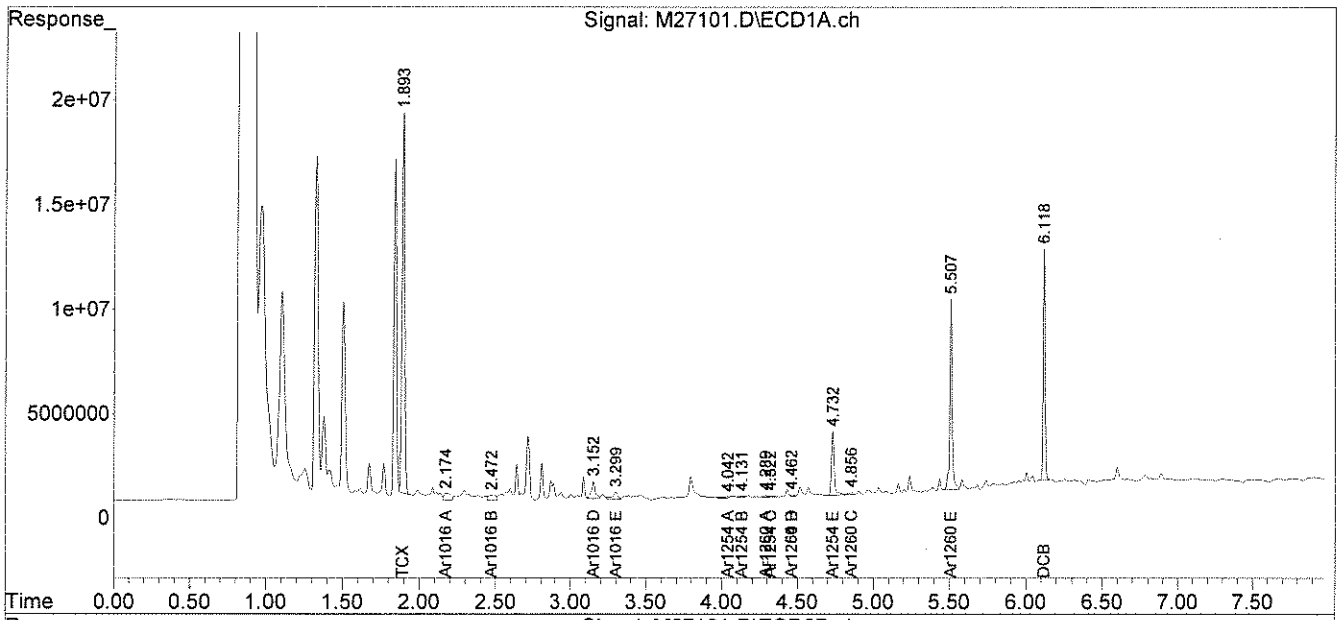
Quantitation Report (QT Reviewed)

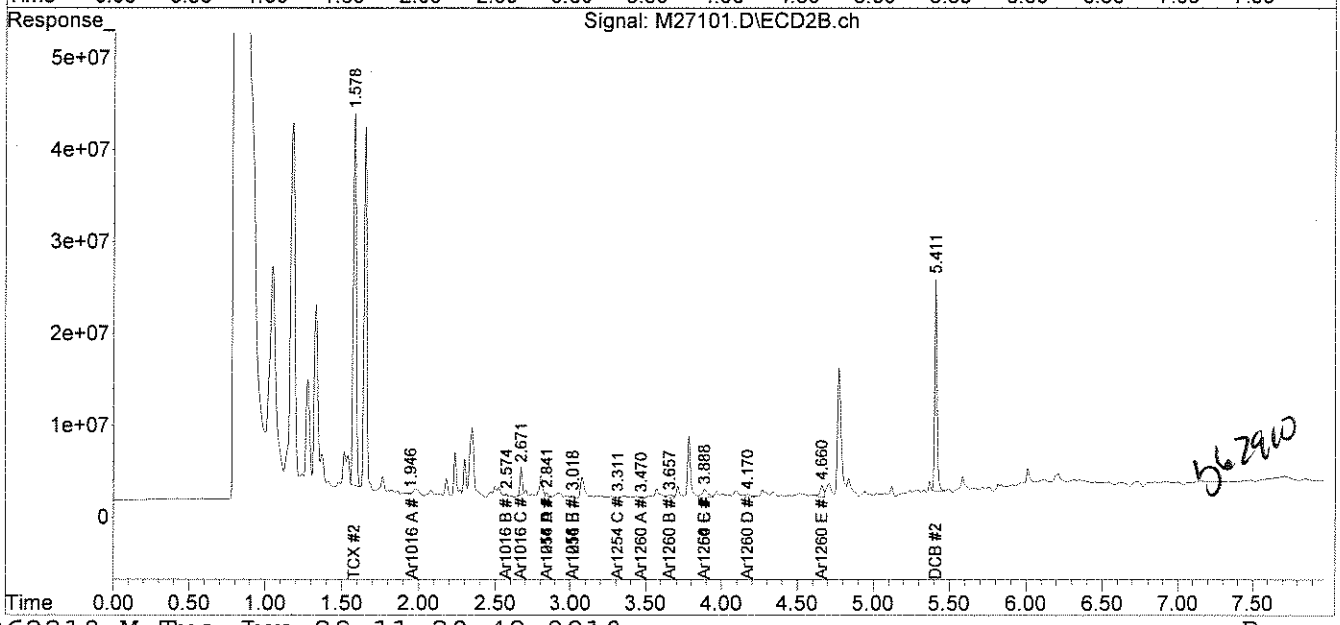
Data Path : C:\msdchem\1\DATA\062810-M\
Data File : M27101.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jun 2010 6:11 pm
Operator : JK
Sample : 67066-3,,A/C
Misc : SOIL
ALS Vial : 19 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 29 11:20:34 2010
Quant Method : C:\msdchem\1\METHODS\PCB062210.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 22 14:51:48 2010
Response via : Initial Calibration
Integrator: ChemStation

JC 06-29-10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





6-29-10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 29, 2010

SAMPLE DATA

Lab Sample ID:	67066-4
Matrix:	Solid
Percent Solid:	98
Dilution Factor:	1.0
Collection Date:	06/24/10
Lab Receipt Date:	06/25/10
Extraction Date:	06/25/10
Analysis Date:	06/28/10

CLIENT SAMPLE ID

Project Name:	AMISTAD ACADEMY
Project Number:	223019.00
Field Sample ID:	AA-VBS-113

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	87	%
Decachlorobiphenyl	54	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

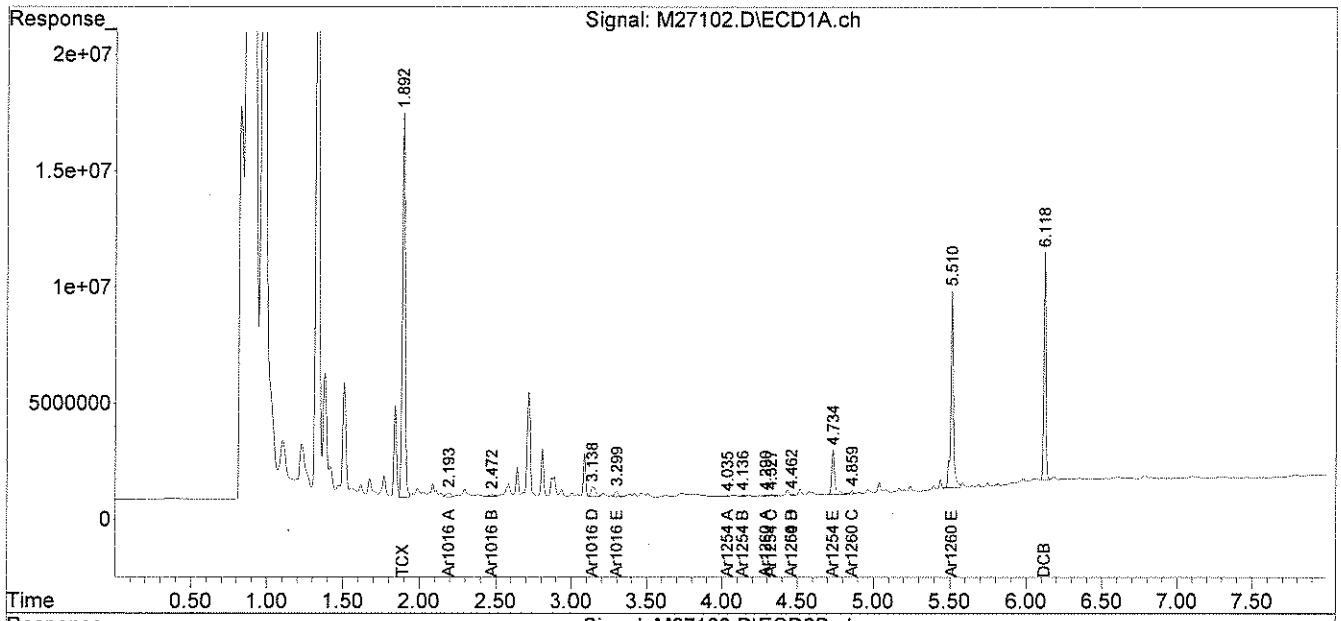
Quantitation Report (QT Reviewed)

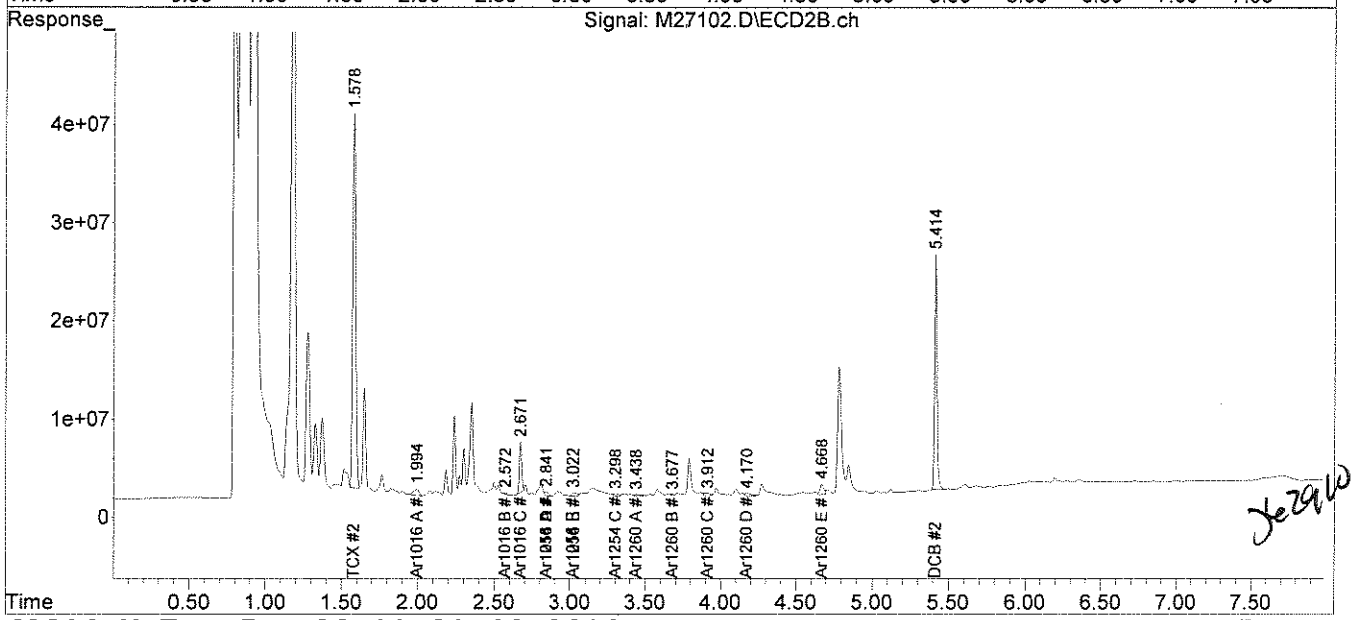
Data Path : C:\msdchem\1\DATA\062810-M\
Data File : M27102.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jun 2010 6:21 pm
Operator : JK
Sample : 67066-4,,A/C
Misc : SOIL
ALS Vial : 20 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 29 11:20:52 2010
Quant Method : C:\msdchem\1\METHODS\PCB062210.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 22 14:51:48 2010
Response via : Initial Calibration
Integrator: ChemStation

JL 06-29-10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





JL 06-29-10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 29, 2010

SAMPLE DATA

Lab Sample ID:	67066-5
Matrix:	Solid
Percent Solid:	99
Dilution Factor:	1.0
Collection Date:	06/24/10
Lab Receipt Date:	06/25/10
Extraction Date:	06/25/10
Analysis Date:	06/28/10

CLIENT SAMPLE ID

Project Name:	AMISTAD ACADEMY
Project Number:	223019.00
Field Sample ID:	AA-VBS-114

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	93	%
Decachlorobiphenyl	56	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

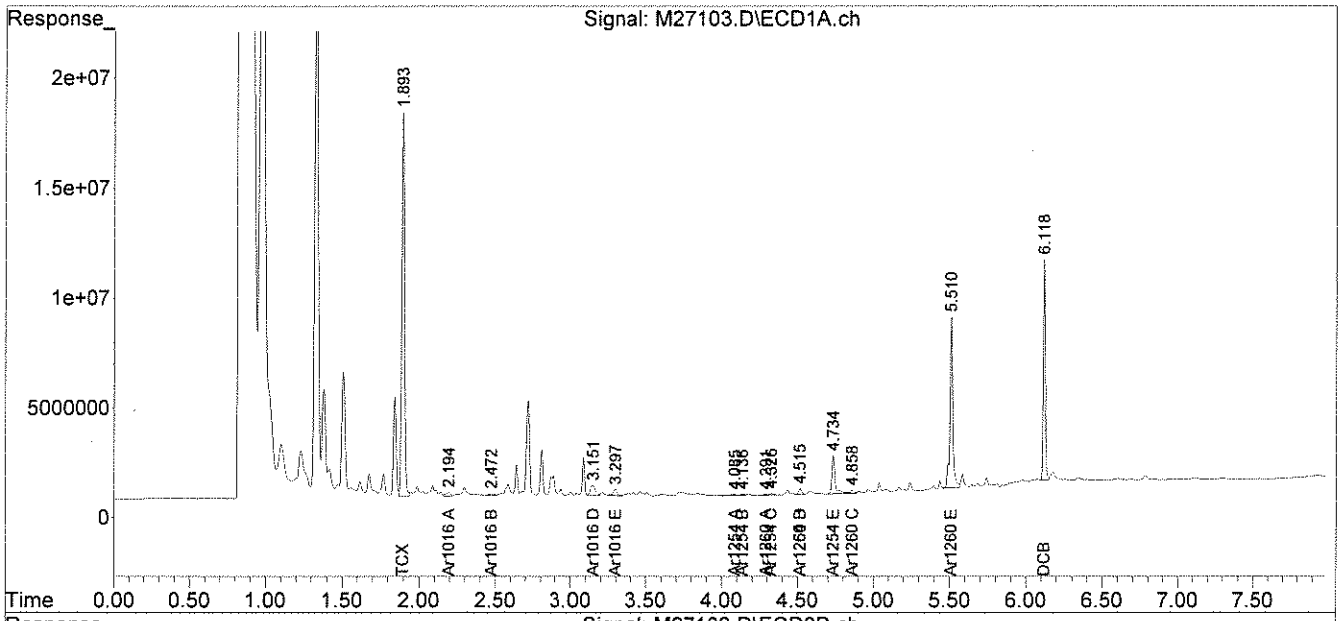
Quantitation Report (QT Reviewed)

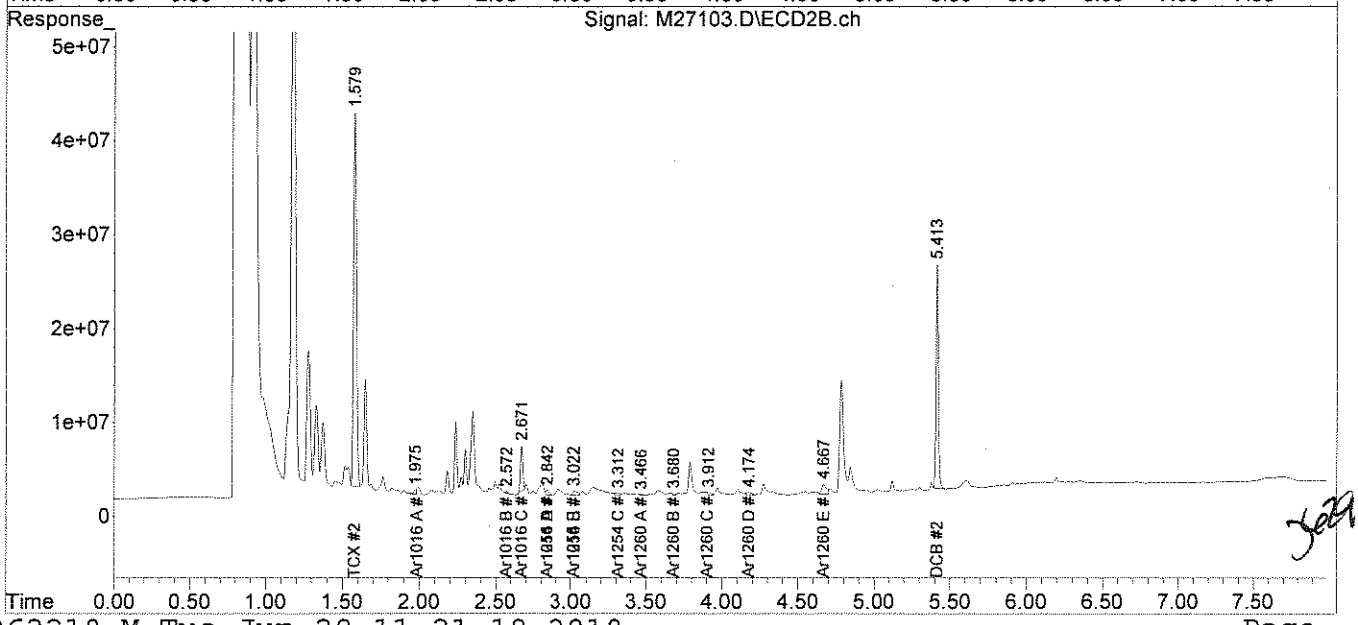
Data Path : C:\msdchem\1\DATA\062810-M\
Data File : M27103.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jun 2010 6:31 pm
Operator : JK
Sample : 67066-5,,A/C
Misc : SOIL
ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 29 11:21:10 2010
Quant Method : C:\msdchem\1\METHODS\PCB062210.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 22 14:51:48 2010
Response via : Initial Calibration
Integrator: ChemStation

06.29.10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





6.29.10

PCB
QC FORMS

AnalyticsLLC:AEL Documents LLC:Pkg Dividers:PCBQC.doc

PCB SOIL
SYSTEM MONITORING COMPOUNDS
SUMMARY

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67066

	Column #1				Column #2			
SAMPLE ID	SMC 1 (%)	#	SMC 2 (%)	#	SMC 1 (%)	#	SMC 2 (%)	#
B062510PSOX,,A/C	100		57		76		54	
67066-1,,A/C	93		58		82		48	
67066-3,,A/C	93		58		81		46	
67066-4,,A/C	87		54		77		50	
67066-5,,A/C	93		56		81		48	

		Lower Limit	Upper Limit
SMC #1 =	TCX	40	130
SMC #2 =	DCB	40	130

Column to be used to flag recovery values outside of QC limits
* Values outside QC limits
D System Monitoring Compound diluted out

PCB SOIL
SYSTEM MONITORING COMPOUNDS
SUMMARY

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67066

	Column #1				Column #2			
SAMPLE ID	SMC 1 (%)	#	SMC 2 (%)	#	SMC 1 (%)	#	SMC 2 (%)	#
B062810PSOX2,,A/C	93		59		86		55	
67066-2,1:10,,A/C	110		55		63		70	

		Lower Limit	Upper Limit
SMC #1 =	TCX	40	130
SMC #2 =	DCB	40	130

Column to be used to flag recovery values outside of QC limits
* Values outside QC limits
D System Monitoring Compound diluted out

PCB SOIL
LABORATORY CONTROL SAMPLE/DUPLICATE
PERCENT RECOVERY

Instrument ID: M

GC Column #1: STX-CLPesticides I

Column ID: 0.25 mm

GC Column #2: STX-CLPesticides II

Column ID: 0.25 mm

SDG: 67066

Non-spiked sample: B062510PSOX,,A/C

Spike: L062510PSOX,,A/C

Spike duplicate: LD062510PSOX,,A/C

COMPOUND	LCS SPIKE ADDED (ug/kg)	LCSD SPIKE ADDED (ug/kg)	LOWER LIMIT	UPPER LIMIT	RPD LIMIT	NON-SPIKE RESULT (ug/kg)	SPIKE RESULT (ug/kg)	SPIKE % REC	#	SPIKE DUP RESULT (ug/kg)	SPIKE DUP % REC	#	RPD	#
PCB 1016	200	200	65	140	30	0	221	111		216	108		2.3	
PCB 1260	200	200	60	130	30	0	222	111		227	114		2.5	
PCB 1016 #2	200	200	65	140	30	0	213	106		217	108		1.9	
PCB 1260 #2	200	200	60	130	30	0	188	94		194	97		3.0	

Column to be used to flag recovery and RPD values outside of QC limits

* Values outside QC limits

LCS/LCSD spike added values have been weight adjusted.

Non-spike result of "0" used in place of "U" to allow calculation of spike recovery.

Comments: _____

PCB FORM 3

CHAIN OF CUSTODIES

Chain Of Custody Form

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, NH 03801
Phone (603) 436-5111
Fax (603) 430-2151

For Analytics Use Only Rev. 5 06/18/08

Samples were:
1) Shipped or hand-delivered
2) Temp blank °C 4.7°
3) Received in good condition Y or N
4) pH checked by: N/A
5) Labels checked by: JBB 6/25/10

Project#: 223019.00 Proj. Name: AMISTAD ACADEMY
Company: Woodard &Curran
Contact: GEORGE FRANKLIN / JEFF HAMEL
Address: 41 Hutchins Drive
Portland, ME
Phone: (207)774-2112 PO# Quote # WCI 08056601
Sampler (Signature): JESSE ABBY R

Matrix Key:
C = Concrete
WP = Wipe
WW = Wastewater
SW = Surface Water
GW = Groundwater
DW = Drinking Water
S = Soil/Sludge
O = Oil
E = Extract
B=brick

Container Key
P=plastic G=glass

Preservation

Station Identification	Sample Date	Sample Time	Analysis	Unpres	4° C	HNO_3	H_2SO_4	HCL	Methanol	Other HEXANE	Matrix	Container number/type	pH	Analytics Sample #
AA-VWP-110	6/24/10	0730	PCB's by U.S. EPA. 8082 w/ Soxhlet Extraction		✓					✓	W	1		67066-1
AA-VCC-111	↓	0755			✓						C	1		2
AA-VWP-112		1145			✓					✓	W	1		3
AA-VBS-113		1350			✓						B	1		4
AA-VBS-114	↓	1400			✓						B	1		5

CP 6/25/10

Received By: Fed Ex Time: Date: 6/24/10
Received By: Casey Pauz Time: 930 Date: 6/25/10
Received By: CP 6/25/10 Time: Date:

Relinquished By Sampler: JESSE ABBY R
Relinquished By: Fed Ex
Relinquished By:

Email Results to:
gfranklin@woodardcurran.com
jhamel...

Turnaround Time (TAT)
- [x] 24hr*
- [ ] 48hr*
- [ ] 72hr*
- [ ] 5 Days*
- [ ] 10 Days

*Fee may apply; lab approval required

Comments / Instructions:
R.L. ≤1.0 mg/kg.

Project Requirements:
*Fee may apply

Report Type:
- [ ] MCP*
- [x] Level II*
- [ ] CTRCP*
- [ ] Level III*
- [ ] DOD*
- [ ] Level IV*
- [ ] Standard

State:
- [ ] NH
- [ ] MA
- [ ] ME
- [x] CT
- [ ] RI

Other:

State Standard:
(eg. S-1 or GW-1)

EDD Required: Y* N
Type: .xls

Analytics\AEL Documents\AEL COC

Page 1 of 1

ANALYTICS SAMPLE RECEIPT CHECKLIST

analytics environmental laboratory LLC

AEL LAB#: 67066

CLIENT: Woodard

PROJECT: Amistad

COOLER NUMBER: N/A

NUMBER OF COOLERS: 1

DATE RECEIVED: 6/25/10

A: PRELIMINARY EXAMINATION:

DATE COOLER OPENED: 6/25/10

1. Cooler received by(initials): CP

Date Received: 6/25/10

2. Circle one: Hand delivered (If so, skip 3) Shipped

3. Did cooler come with a shipping slip? Y N

3a. Enter carrier name and airbill number here: Fed Ex 8728 8260 2377

4. Were custody seals on the outside of cooler? Y N
How many & where: 2 on lid Seal Date: N/A Seal Name: N/A

5. Did the custody seals arrive unbroken and intact upon arrival? Y N

6. COC#: N/A

7. Were Custody papers filled out properly (ink,signed, etc)? Y N

N - No time as to when samples relinquished samples to Fed Ex - CP 6/25/1

8. Were custody papers sealed in a plastic bag? Y N

9. Did you sign the COC in the appropriate place? Y N

10. Was the project identifiable from the COC papers? Y N

11. Was enough ice used to chill the cooler? Y N Temp. of cooler: 4.7°

B. Log-In: Date samples were logged in: 6/25/10 By: CP

12. Type of packing in cooler(bubble wrap,popcorn) Y N

13. Were all bottles sealed in separate plastic bags? Y N

14. Did all bottles arrive unbroken and were labels in good condition? Y N

15. Were all bottle labels complete(ID,Date,time,etc.) Y N

16. Did all bottle labels agree with custody papers? Y N

17. Were the correct containers used for the tests indicated: Y N

18. Were samples received at the correct pH? Y N/A

19. Was sufficient amount of sample sent for the tests indicated? Y N

20. Were bubbles absent in VOA samples? Y N/A

If NO, List Sample ID's and Lab #s:

21. Laboratory labeling verified by (initials): JB Date: 6/25/10

Analytics Report 67066 page 0029 of 30

fedex.com 1.800.GoFedEx 1.800.463.3339

FedEx Express US Airbill

FedEx Tracking Number 8728 8260 2377

0200 Form ID No.

FedEx Retrieval Copy

1 From

Date 6/24/10 Sender's FedEx Account Number

Sender's Name JESS REAM Phone ~~203~~ 260 481 - 7595

Company WOODARD + CURRAN

Address 1520 HIGHLAND AVE. Dept./Floor/Suite/Room

City CHESHIRE State CT ZIP 06410

2 Your Internal Billing Reference

3 To

Recipient's Name [redacted] ANALYTICS ENV. LAB Phone 603 436-5111

Company

Address 195 COMMERCE WAY SUITE E Dept./Floor/Suite/Room

We cannot deliver to P.O. boxes or P.O. ZIP codes.

01 ☐ HOLD Weekday FedEx location address REQUIRED. **NOT available for** FedEx First Overnight.

Address

Use this line for the HOLD location address or for continuation of your shipping address.

31 ☐ HOLD Saturday FedEx location address REQUIRED. **Available ONLY for** FedEx Priority Overnight and FedEx 2Day to select locations.

City PORTSMOUTH State NH ZIP 03801

8728 8260 2377

4a Express Package Service * To most locations. *Packages up to 150 lbs.*

01 ☑ FedEx Priority Overnight Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.

05 ☐ FedEx Standard Overnight Next business afternoon.* Saturday Delivery NOT available.

06 ☐ FedEx First Overnight Earliest next business morning delivery to select locations.*

03 ☐ FedEx 2Day Second business day.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.

20 ☐ FedEx Express Saver Third business day.* Saturday Delivery NOT available.

4b Express Freight Service ** To most locations. *Packages over 150 lbs.*

70 ☐ FedEx 1Day Freight Next business day.** Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.

FedEx 1Day Freight Booking No.

80 ☐ FedEx 2Day Freight Second business day.** Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.

83 ☐ FedEx 3Day Freight Third business day.** Saturday Delivery NOT available.

5 Packaging * Declared value limit $500.

06 ☐ FedEx Envelope* 02 ☐ FedEx Pak* Includes FedEx Small Pak and FedEx Large Pak. 03 ☐ FedEx Box 04 ☐ FedEx Tube 01 ☑ Other

6 Special Handling and Delivery Signature Options

03 ☐ **SATURDAY DELIVERY**

☑ No Signature Required Package may be left without obtaining a signature for delivery.

10 ☐ Direct Signature Someone at recipient's address may sign for delivery. *Fee applies.*

34 ☐ Indirect Signature If no one is available at recipient's address, someone at a neighboring address may sign for delivery. For residential deliveries only. *Fee applies.*

Does this shipment contain dangerous goods?

One box must be checked.

☑ No 04 ☐ Yes As per attached Shipper's Declaration. ☐ Yes Shipper's Declaration not required. 06 ☐ Dry Ice Dry ice, 9, UN-1845 ____ x ____ kg

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging or placed in a FedEx Express Drop Box.

☐ Cargo Aircraft Only

7 Payment *Bill to:*

Enter FedEx Acct. No. or Credit Card No. below.

Obtain recip. Acct. No. ☐

1 ☐ Sender Acct. No. in Section 1 will be billed. 2 ☐ Recipient 3 ☐ Third Party 4 ☑ Credit Card 5 ☐ Cash/Check

[redacted]

Total Packages 1 Total Weight 25.55 lbs. [redacted] Credit Card Auth.

†Our liability is limited to $100 unless you declare a higher value. See the current FedEx Service Guide for details.

606

Rev. Date 2/10 • Part #158281 • ©1994–2010 FedEx • PRINTED IN U.S.A. SRY

fedex.com 1.800.GoFedEx 1.800.463.3339

TAMPER
RESISTANT

TAMPER
RESISTANT

TAMPER
RESISTANT

TAMPER
RESISTANT

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

June 28, 2010

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

RE: Analytical Results Case Narrative
Analytics # 67090
AMISTAD ACADEMY

Dear Mr. Franklin;

Enclosed please find the analytical results for samples submitted for the above-mentioned project. The attached Cover Page lists the sample IDs, Lab tracking numbers and collection dates for the samples included in this deliverable.

Samples were analyzed Polychlorinated Biphenyls (PCBs) by EPA Method 8082.

Unless otherwise noted in the Non-conformance Summary listed below, all of the quality control (QC) criteria including initial calibration, calibration verification, surrogate recovery, holding time and method accuracy/precision for these analyses were within acceptable limits.

This Level II data package has been assembled in the following order:

Case Narrative/Non-Conformance Summary
Sample Log Sheet - Cover Page
PCB Form 1 Data Sheet for Samples and Blanks
Chromatograms
PCB Form 10 Confirmation Results
PCB Form 3 MS/MSD (LCS) Recoveries
Chain of Custody (COC) Forms

QC NON-CONFORMANCE SUMMARY

Sample Receipt:
Samples were at 21.2 ^{o} C upon receipt at the laboratory. The client was contacted and instructed the laboratory to proceed with analysis.

PCBs by EPA Method 8082:
No results were reported below the quantitation limit.

If you have any questions on these results, please do not hesitate to contact me.

Sincerely,
ANALYTICS Environmental Laboratory, LLC

Stephen L. Knollmeyer
Laboratory Director

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

Report Number: 67090

Revision: Rev. 0

Re: Amistad Academy (Project No: 223019)

Enclosed are the results of the analyses on your sample(s). Samples were received on 28 June 2010 and analyzed for the tests listed. Samples were received in acceptable condition, with the exceptions noted below or on the chain of custody. These results pertain to samples as received by the laboratory and for the analytical tests requested on the chain of custody. The results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report. Please see individual reports for specific methodologies and references.

Lab Number	Sample Date	Station Location	Analysis	Comments
67090-1	06/25/10	AA-VBS-115	EPA 8082 (PCBs only)	
67090-2	06/25/10	AA-VBS-116	EPA 8082 (PCBs only)	
67090-3	06/25/10	AA-VBS-117	EPA 8082 (PCBs only)	
67090-4	06/25/10	AA-VBS-118	Electronic Data Deliverable	
	06/25/10	AA-VBS-118	EPA 8082 (PCBs only)	

Sample Receipt Exceptions: Samples received at 21.2 °C which was outside laboratory acceptance criteria. The client was notified and analysis continued.

Analytics Environmental Laboratory is certified by the states of New Hampshire, Maine, Massachusetts, Connecticut, Rhode Island, Virginia, Maryland, and is accredited by the Deparment of Defense (DOD) ELAP program. A list of actual certified parameters is available upon request.

If you have any questions on these results, please do not hesitate to contact us.

Authorized signature _____
Stephen L. Knollmeyer Lab. Director

Date 6/29/2010

This report shall not be reproduced, except in full, without the written consent of Analytics Environmental Laboratory, LLC.

analytics environmental laboratory LLC

Surrogate Compound Limits

Matrix:	Aqueous	Solid	
Units:	% Recovery	% Recovery	Method
Volatile Organic Compounds - Drinking Water			
1,4-Difluorobenzene	70-130		EPA 524.2
Bromofluorobenzene	70-130		
1,2-Dichlorobenzene-d4	70-130		
Volatile Organic Compounds			
1,2-Dichloroethane-d4	70-120	70-120	EPA 624/8260B
Toluene-d8	85-120	85-120	
Bromofluorobenzene	75-120	75-120	
Semi-Volatile Organic Compounds			
2-Fluorophenol	20-110	35-105	EPA 625/8270C
d5-Phenol	15-110	40-100	
d5-nitrobenzene	40-110	35-100	
2-Fluorobiphenyl	50-110	45-105	
2,4,6-Tribromophenol	40-110	40-125	
d14-p-terphenyl	50-130	30-125	
PAH's by SIM			
d5-nitrobenzene	21-110	35-110	EPA 8270C
2-Fluorobiphenyl	36-121	45-105	
d14-p-terphenyl	33-141	30-125	
Pesticides and PCBs			
2,4,5,6-Tetrachloro-m-xylene (TCX)	46-122	40-130	EPA 608/8082
Decachlorobiphenyl (DCB)	40-135	40-130	
Herbicides			
Dichloroacetic acid (DCAA)	30-150	30-150	
Gasoline Range Organics/TPH Gasoline			
Trifluorotoluene TFT (FID)	60-140	60-140	MEDEP 4217/EPA 8015
Bromofluorobenzene (BFB) (FID)	60-140	60-140	
Trifluorotoluene TFT (PID)	60-140	60-140	
Bromofluorobenzene (BFB) (PID)	60-140	60-140	
Diesel Range Organics/TPH Diesel			
m-terphenyl	60-140	60-140	MEDEP 4125/EPA 8015/CT ETPH
Volatile Petroleum Hydrocarbons			
2,5-Dibromotoluene (PID)	70-130	70-130	MADEP VPH May 2004 Rev1.1
2,5-Dibromotoluene (FID)	70-130	70-130	
Extracatable Petroleum Hydrocarbons			
1-chloro-octadecane (aliphatic)	40-140	40-140	MADEP EPH May 2004 Rev1.1
o-Terphenyl (aromatic)	40-140	40-140	
2-Fluorobiphenyl (Fractionation)	40-140	40-140	
2-Bromonaphthalene (fractionation)	40-140	40-140	

PCB
DATA SUMMARIES

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 29, 2010

SAMPLE DATA

Lab Sample ID: B062810PSOX2
Matrix: Soil
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date:
Lab Receipt Date:
Extraction Date: 06/28/10
Analysis Date: 06/29/10

CLIENT SAMPLE ID

Project Name: Amistad Academy
Project Number: 223019
Field Sample ID: Lab QC

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	93	%
Decachlorobiphenyl	59	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

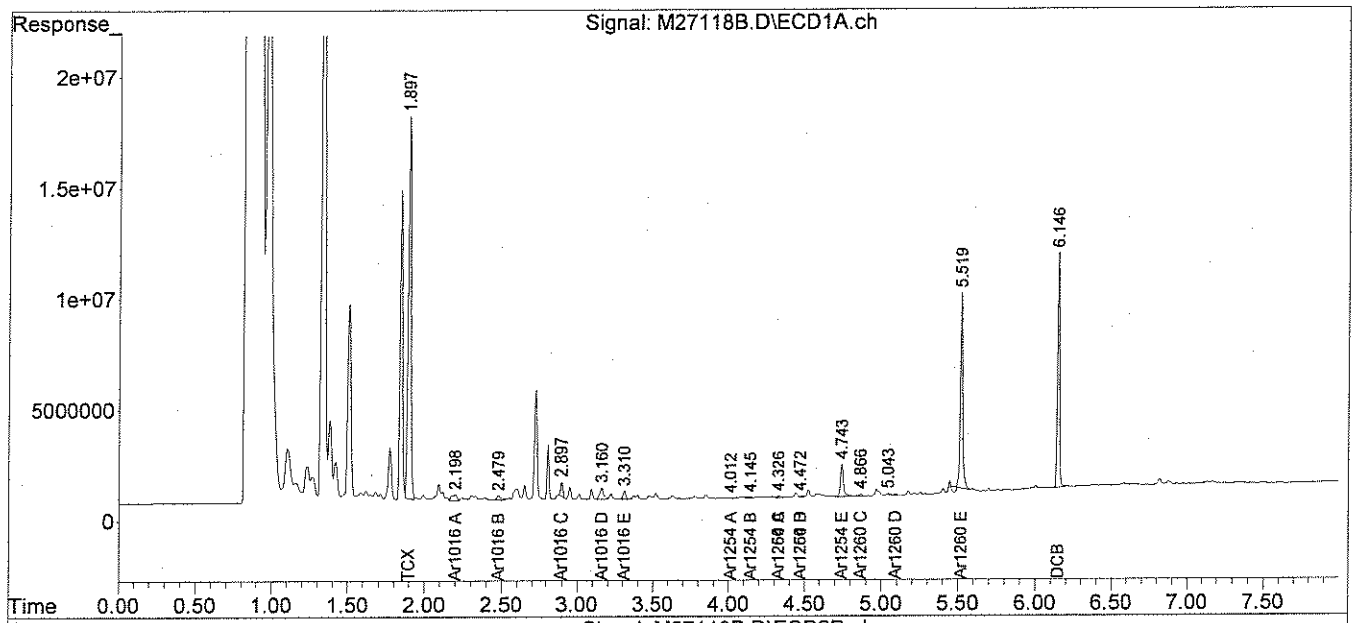
Authorized signature

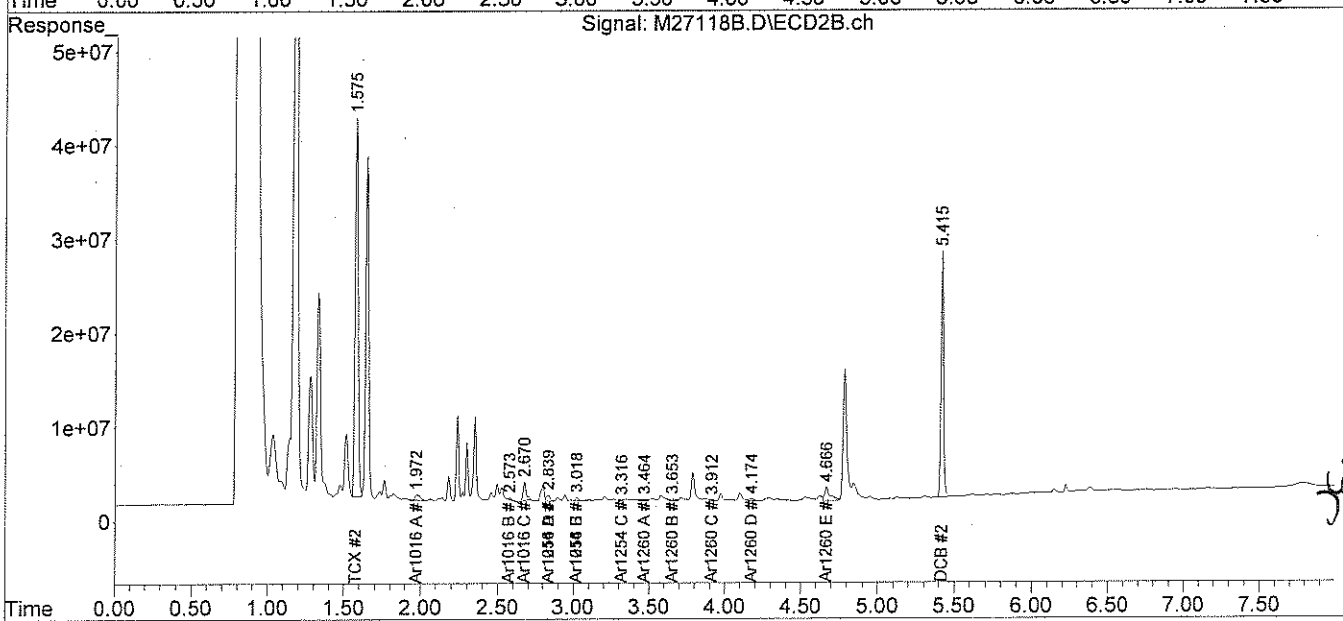
Data Path : C:\msdchem\1\DATA\062910-M\
Data File : M27118B.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jun 2010 11:30 am
Operator : JK
Sample : B062810PSOX2,,A/C
Misc : SOIL
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 29 12:30:04 2010
Quant Method : C:\msdchem\1\METHODS\PCB062210.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 22 14:51:48 2010
Response via : Initial Calibration
Integrator: ChemStation

JR 06.29.10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





JR 06.29.10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 29, 2010

SAMPLE DATA

Lab Sample ID:	67090-1
Matrix:	Solid
Percent Solid:	98
Dilution Factor:	1.0
Collection Date:	06/25/10
Lab Receipt Date:	06/28/10
Extraction Date:	06/28/10
Analysis Date:	06/29/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VBS-115

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	96	%
Decachlorobiphenyl	60	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

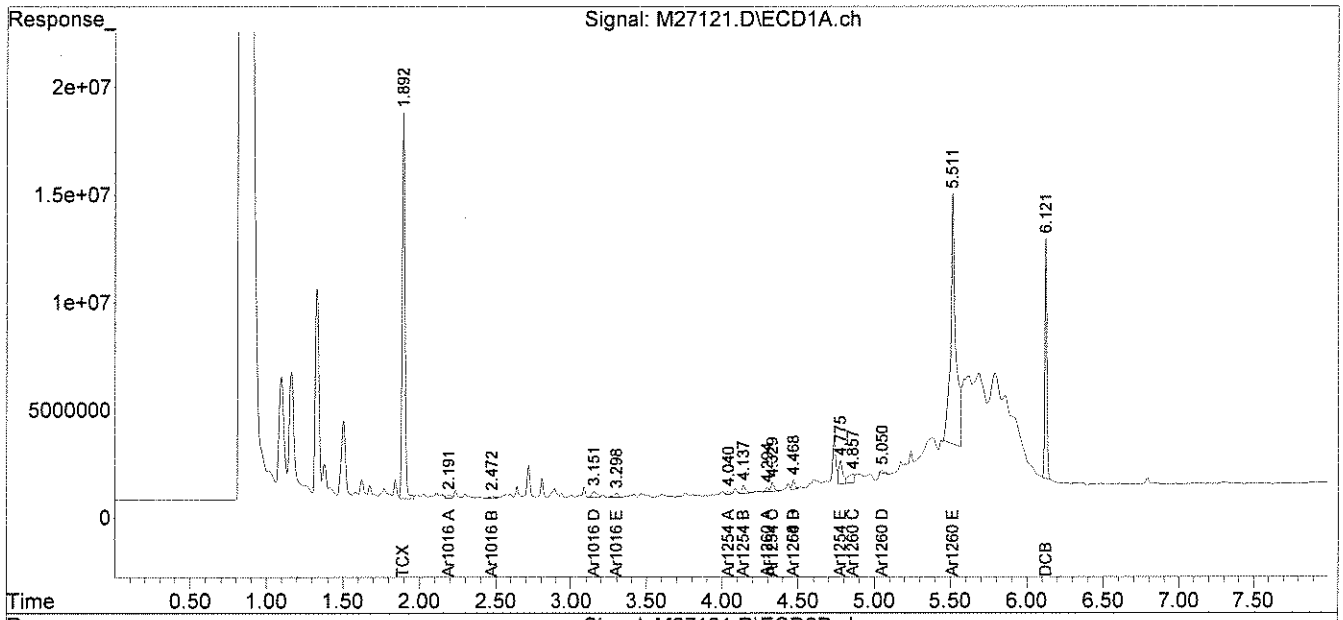
Quantitation Report (QT Reviewed)

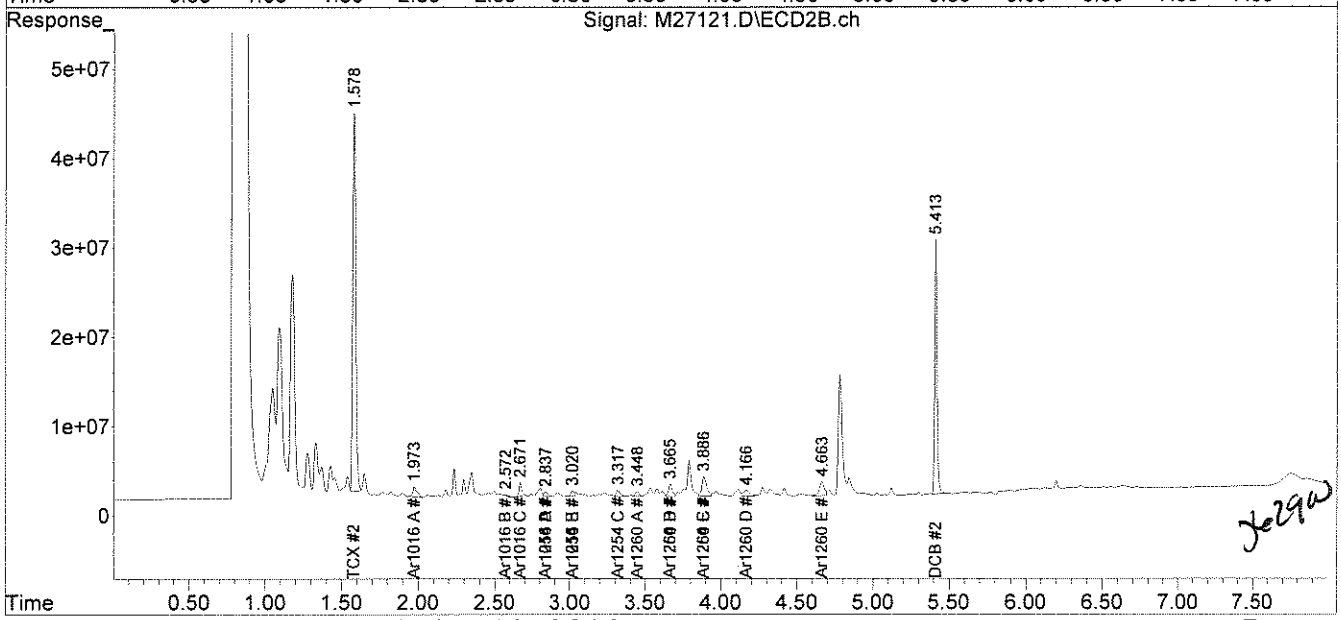
Data Path : C:\msdchem\1\DATA\062910-M\
Data File : M27121.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jun 2010 12:01 pm
Operator : JK
Sample : 67090-1,,A/C
Misc : SOIL
ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 29 12:34:04 2010
Quant Method : C:\msdchem\1\METHODS\PCB062210.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 22 14:51:48 2010
Response via : Initial Calibration
Integrator: ChemStation

06.29.10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





6-29-10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 29, 2010

SAMPLE DATA

Lab Sample ID:	67090-2
Matrix:	Solid
Percent Solid:	99
Dilution Factor:	1.0
Collection Date:	06/25/10
Lab Receipt Date:	06/28/10
Extraction Date:	06/28/10
Analysis Date:	06/29/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VBS-116

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	72	%
Decachlorobiphenyl	51	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

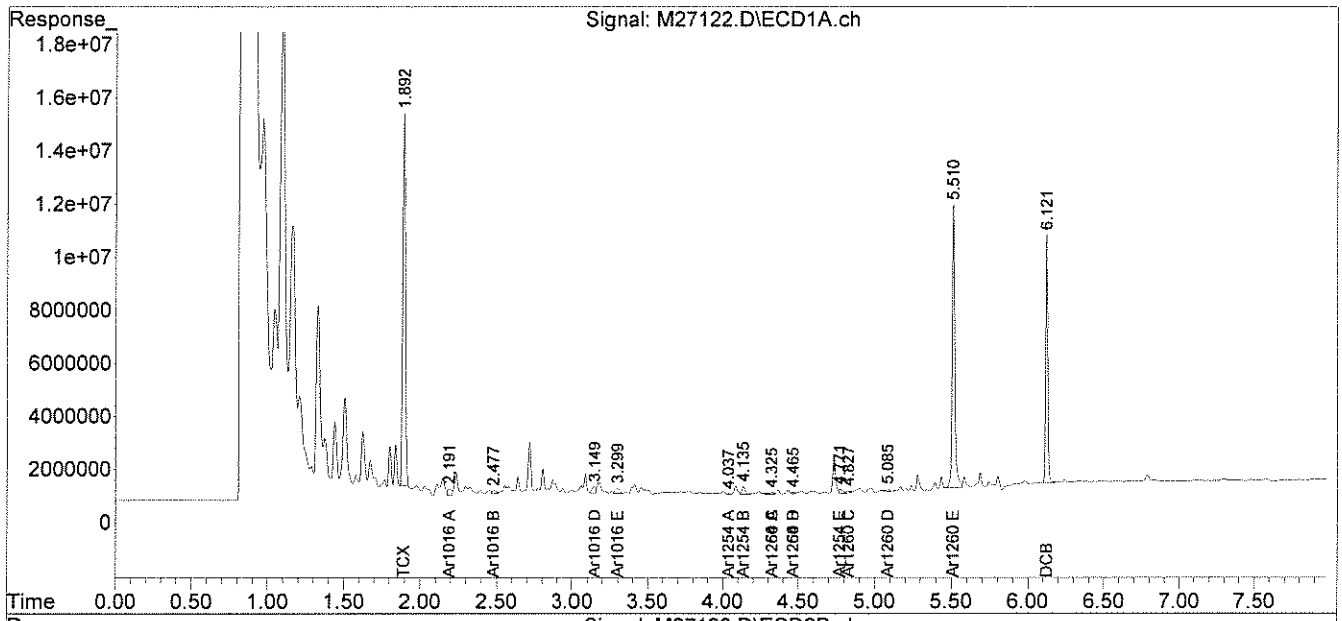
Quantitation Report (QT Reviewed)

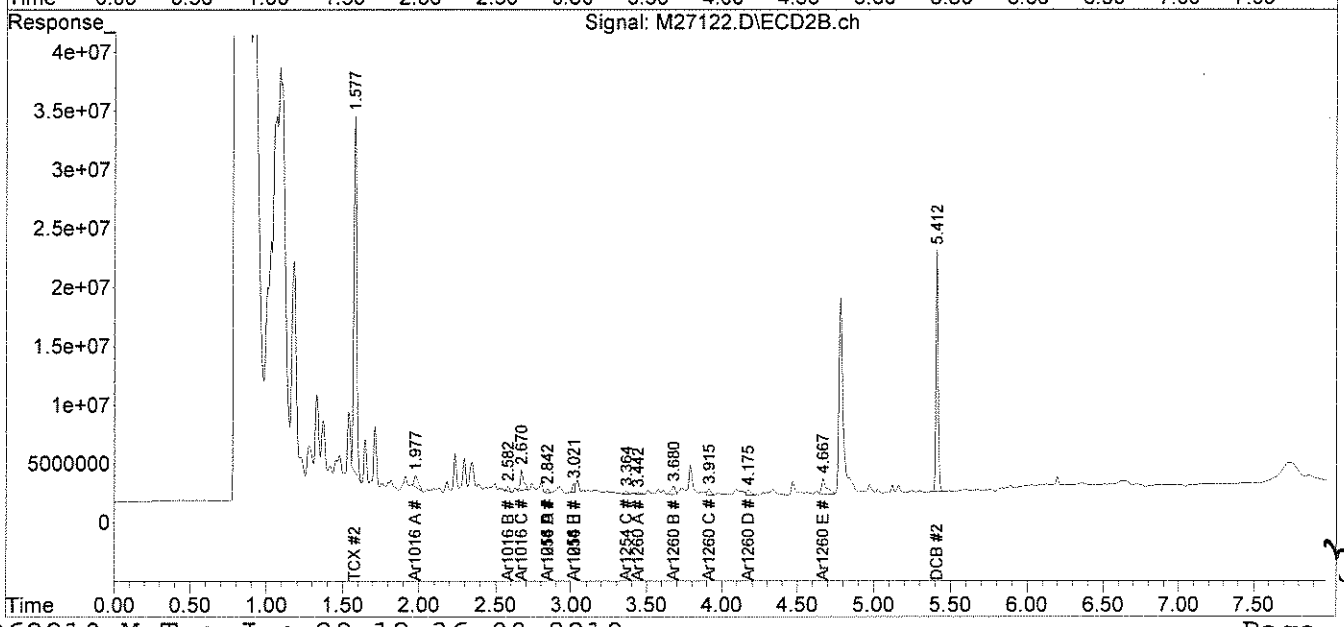
Data Path : C:\msdchem\1\DATA\062910-M\
Data File : M27122.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jun 2010 12:11 pm
Operator : JK
Sample : 67090-2,,A/C
Misc : SOIL
ALS Vial : 15 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 29 12:35:45 2010
Quant Method : C:\msdchem\1\METHODS\PCB062210.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 22 14:51:48 2010
Response via : Initial Calibration
Integrator: ChemStation

JL 06-29-10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





362910

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 29, 2010

SAMPLE DATA

Lab Sample ID:	67090-3
Matrix:	Solid
Percent Solid:	99
Dilution Factor:	1.0
Collection Date:	06/25/10
Lab Receipt Date:	06/28/10
Extraction Date:	06/28/10
Analysis Date:	06/29/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VBS-117

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	96	%
Decachlorobiphenyl	65	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

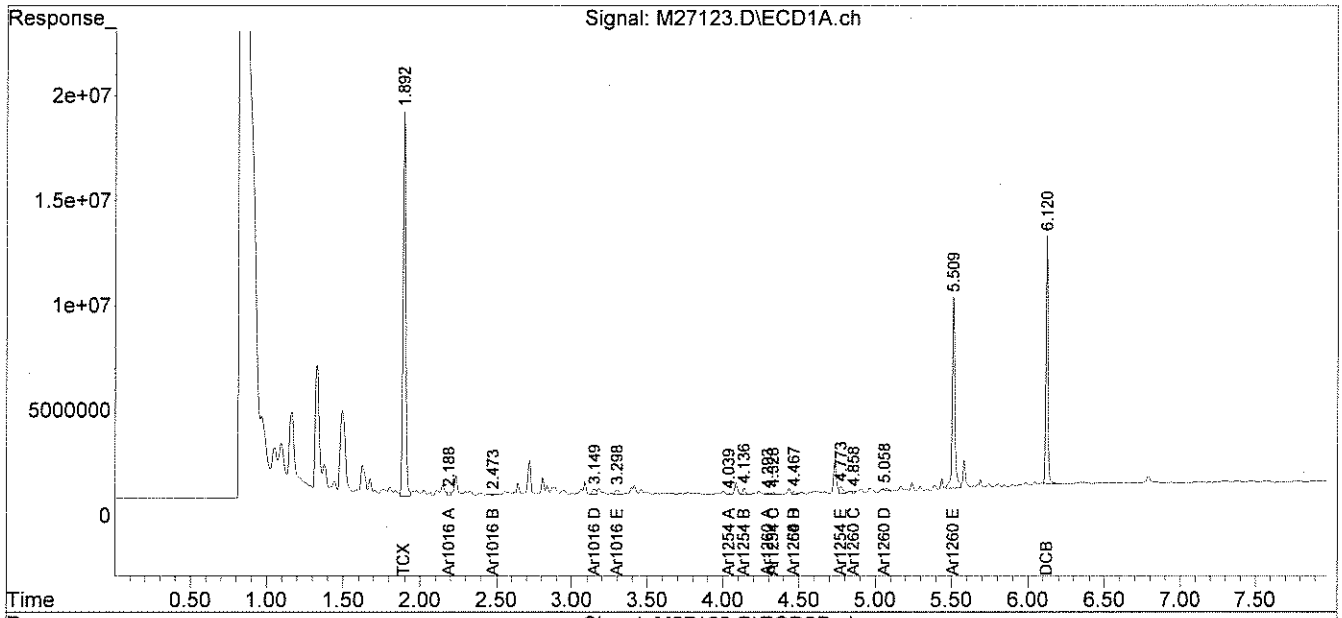
Quantitation Report (QT Reviewed)

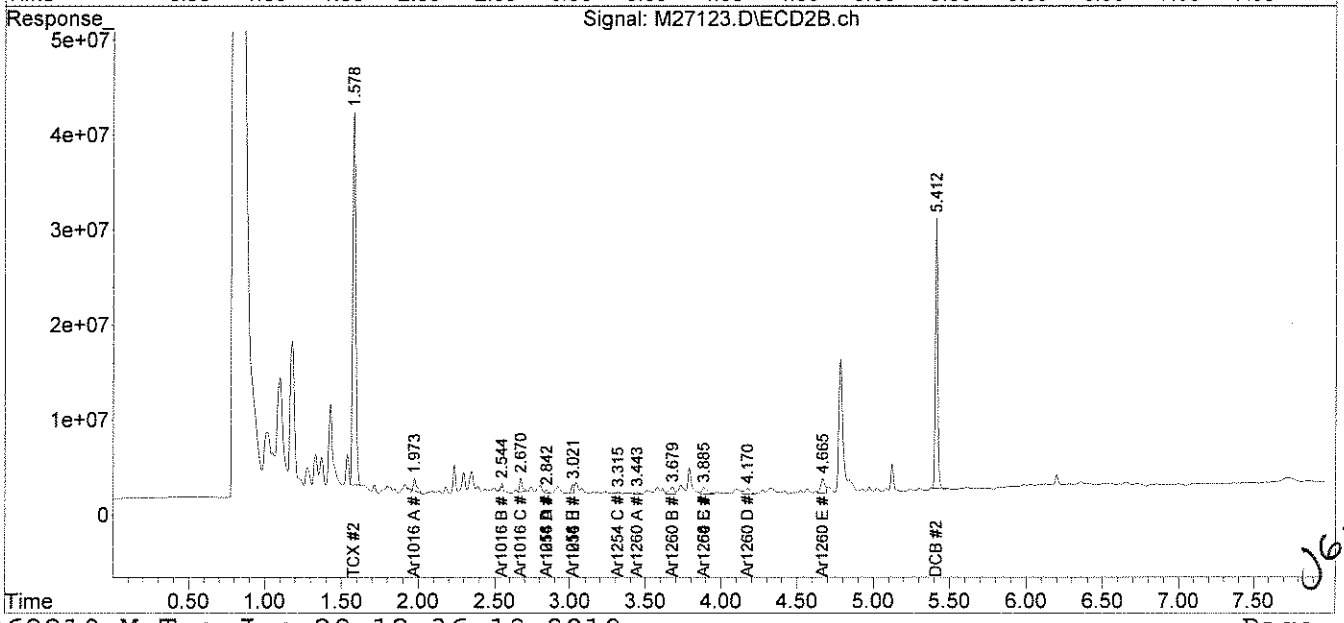
Data Path : C:\msdchem\1\DATA\062910-M\
Data File : M27123.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jun 2010 12:21 pm
Operator : JK
Sample : 67090-3,,A/C
Misc : SOIL
ALS Vial : 16 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 29 12:36:10 2010
Quant Method : C:\msdchem\1\METHODS\PCB062210.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 22 14:51:48 2010
Response via : Initial Calibration
Integrator: ChemStation

JR 06.29.10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





JG 6/29/10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 29, 2010

SAMPLE DATA

Lab Sample ID:	67090-4
Matrix:	Solid
Percent Solid:	98
Dilution Factor:	1.0
Collection Date:	06/25/10
Lab Receipt Date:	06/28/10
Extraction Date:	06/28/10
Analysis Date:	06/29/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VBS-118

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	83	%
Decachlorobiphenyl	57	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

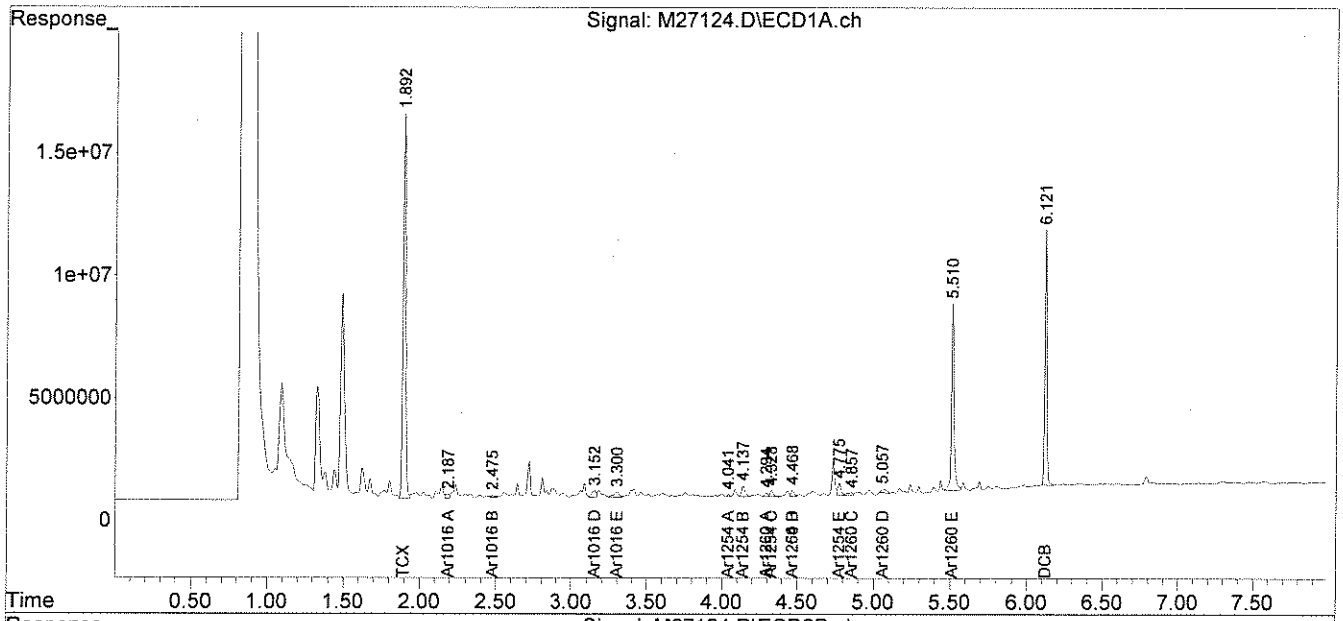
Quantitation Report (QT Reviewed)

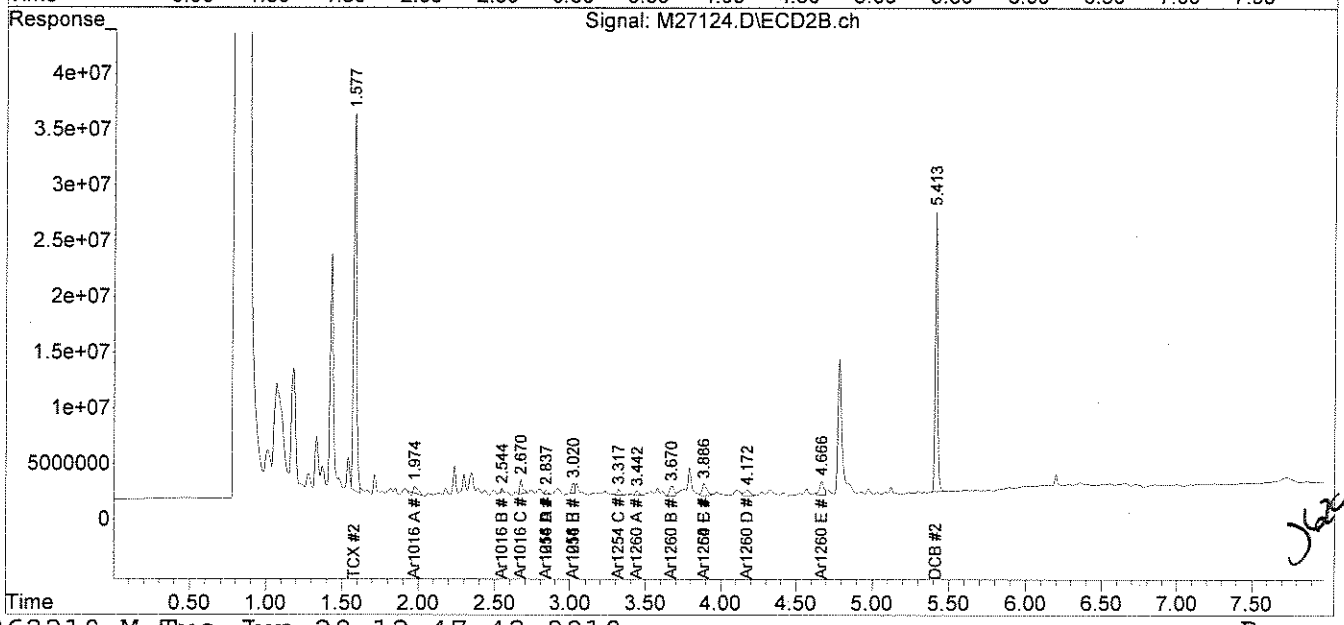
Data Path : C:\msdchem\1\DATA\062910-M\
Data File : M27124.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jun 2010 12:32 pm
Operator : JK
Sample : 67090-4,,A/C
Misc : SOIL
ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 29 12:47:32 2010
Quant Method : C:\msdchem\1\METHODS\PCB062210.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 22 14:51:48 2010
Response via : Initial Calibration
Integrator: ChemStation

06-29-10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





PCB
QC FORMS

AnalyticsLLC:AEL Documents LLC:Pkg Dividers:PCBQC.doc

PCB SOIL
SYSTEM MONITORING COMPOUNDS
SUMMARY

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67090

	Column #1				Column #2			
SAMPLE ID	SMC 1 (%)	#	SMC 2 (%)	#	SMC 1 (%)	#	SMC 2 (%)	#
B062810PSOX2,,A/C	93		59		86		55	
L062810PSOX2,,A/C	98		61		87		57	
LD062810PSOX2,,A/C	96		61		86		56	
67090-1,,A/C	96		60		87		58	
67090-2,,A/C	72		51		59		40	
67090-3,,A/C	96		65		79		57	
67090-4,,A/C	83		57		68		52	

		Lower Limit	Upper Limit
SMC #1 =	TCX	40	130
SMC #2 =	DCB	40	130

\# Column to be used to flag recovery values outside of QC limits
* Values outside QC limits
D System Monitoring Compound diluted out

PCB SOIL
LABORATORY CONTROL SAMPLE/DUPLICATE
PERCENT RECOVERY

Instrument ID: M

GC Column #1: STX-CLPesticides I

Column ID: 0.25 mm

GC Column #2: STX-CLPesticides II

Column ID: 0.25 mm

SDG: 67090

Non-spiked sample: B062810PSOX2,,A/C

Spike: L062810PSOX2,,A/C

Spike duplicate: LD062810PSOX2,,A/C

COMPOUND	LCS SPIKE ADDED (ug/kg)	LCSD SPIKE ADDED (ug/kg)	LOWER LIMIT	UPPER LIMIT	RPD LIMIT	NON-SPIKE RESULT (ug/kg)	SPIKE RESULT (ug/kg)	SPIKE % REC	#	SPIKE DUP RESULT (ug/kg)	SPIKE DUP % REC	#	RPD	#
PCB 1016	200	200	65	140	30	0	196	98		214	107		8.6	
PCB 1260	200	200	60	130	30	0	219	110		232	116		5.6	
PCB 1016 #2	200	200	65	140	30	0	236	118		248	124		5.1	
PCB 1260 #2	200	200	60	130	30	0	212	106		211	105		0.9	

Column to be used to flag recovery and RPD values outside of QC limits

* Values outside QC limits

LCS/LCSD spike added values have been weight adjusted.

Non-spike result of "0" used in place of "U" to allow calculation of spike recovery.

Comments: _____

_____

CHAIN OF CUSTODIES

Chain Of Custody Form

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, NH 03801
Phone (603) 436-5111
Fax (603) 430-2151

For Analytics Use Only Rev. 5 06/18/08

Samples were:
1) Shipped or hand-delivered
2) Temp blank °C 21.2°C
3) Received in good condition Y or N
4) pH checked by: N/A
5) Labels checked by: CP 6/28/10

Project#: 223019 Proj. Name: AMISTAD ACADEMY
Company: Woodard &Curran
Contact: GEORGE FRANKLIN / JEFF HAMEL
Address: 41 Hutchins Drive
Portland, ME
Phone: (207)774-2112 PO# Quote # WCI0305 1001
Sampler (Signature): Jesse Abbey Jr

Matrix Key:
C = Concrete
WP = Wipe
WW = Wastewater
SW = Surface Water
GW = Groundwater
DW = Drinking Water
S = Soil/Sludge
O = Oil
E = Extract
B-BRICK

Container Key
P=plastic G=glass

Station Identification	Sample Date	Sample Time	Analysis	Preservation: Unpres	4° C	HNO_3	H_2SO_4	HCL	Methanol	Other	Matrix	Container number/type		pH	Analytics Sample #
AA-VBS-115	6/25/10	1010	PCB's by U.S.		✓						B	1	G		67090-1
AA-VBS-116	↓	1020	E.P.A. w/Soxhlet		✓						B	1	G		2
AA-VBS-117	↓	1310	Extraction		✓						B	1	G		3
AA-VBS-118	↓	1320			✓						B	1	G		4

CP 6/28/10

Email Results to:
gfranklin@woodardcurran.com
jhamel...

Turnaround Time (TAT)
- [x] 24hr*
- [ ] 48hr*
- [ ] 72hr*
- [ ] 5 Days*
- [ ] 10 Days

*Fee may apply; lab approval required

Comments / Instructions:
RL. ≤ 1.0 mg/kg.

Project Requirements:
*Fee may apply

Report Type:
- [ ] MCP*
- [x] Level II*
- [ ] CTRCP*
- [ ] Level III*
- [ ] DOD*
- [ ] Level IV*
- [ ] Standard

State:
- [ ] NH
- [ ] MA
- [ ] ME
- [x] CT
- [ ] RI

Other:

State Standard:
(eg. S-1 or GW-1)

EDD Required: Y* N
Type: .xls

Received By: Fed Ex Time: Date: 6/25/10
Received By: [signature] Time: 10:00 Date: 6/28/10
Received By: Time: CP 6/28/10 Date:
Relinquished By Sampler: Jesse Abbey Jr
Relinquished By: Fed Ex
Relinquished By:

Analytics\AEL Documents\AEL COC

Page 1 of 1

ANALYTICS SAMPLE RECEIPT CHECKLIST

analytics environmental laboratory LLC

AEL LAB#: 67090

CLIENT: WOODARD ANDOVE

PROJECT: Amistad

COOLER NUMBER: —

NUMBER OF COOLERS: 1

DATE RECEIVED: 6.28.10

A: PRELIMINARY EXAMINATION:

DATE COOLER OPENED: 6.28.2010

Date Received: 6.28.2010

1. Cooler received by(initials): mg

2. Circle one: Hand delivered (If so, skip 3) Shipped

3. Did cooler come with a shipping slip? Y N

3a. Enter carrier name and airbill number here: Fed Ex 793672198817

4. Were custody seals on the outside of cooler? Y N
How many & where: _____ Seal Date: _____ Seal Name: taped shut

5. Did the custody seals arrive unbroken and intact upon arrival? Y N tape unbroken

6. COC#: —

7. Were Custody papers filled out properly (ink,signed, etc)? Y CP 6/28/10 N No sampler time on COC when they relinquished samples to FedEx

8. Were custody papers sealed in a plastic bag? Y N

9. Did you sign the COC in the appropriate place? Y N

10. Was the project identifiable from the COC papers? Y N

11. Was enough ice used to chill the cooler? Y N Temp. of cooler: 21.2°C
*Ice melted.

B. Log-In: Date samples were logged in: 6.28.2010 By: mg

12. Type of packing in cooler(bubble wrap, popcorn) Y N

13. Were all bottles sealed in separate plastic bags? Y N

14. Did all bottles arrive unbroken and were labels in good condition? Y N

15. Were all bottle labels complete(ID,Date,time,etc.) Y N

16. Did all bottle labels agree with custody papers? Y N

17. Were the correct containers used for the tests indicated: Y N

18. Were samples received at the correct pH? Y NA

19. Was sufficient amount of sample sent for the tests indicated? Y NA CP 6/28/10

20. Were bubbles absent in VOA samples? Y N/A

If NO, List Sample ID's and Lab #s: _____

21. Laboratory labeling verified by (initials): CP Date: 6/28/10

From: Origin ID: BNHA (203) 271-0379
Jesse Ream
WOODARD & CURRAN INC
1520 HIGHLAND AVENUE

CHESHIRE, CT 06410

FedEx Express

E

J10201005250225

Ship Date: 25JUN10
ActWgt: 30.0 LB
CAD: 2185050/INET3060

Delivery Address Bar Code

SHIP TO: (603) 436-5111 BILL SENDER

Analytics Enviro Labs, LLC
Analytics Enviro Labs, LLC
195 COMMERCE WAY UNIT E

PORTSMOUTH, NH 03801

Ref # 223019.00
Invoice #
PO #
Dept #

TRK# 0201 7936 7219 8817

MON - 28 JUN A2
PRIORITY OVERNIGHT

03801
NH-US
MHT

03 IGGA

508G1/22F2/9A24

After printing this label:
1. Use the 'Print' button on this page to print your label to your laser or inkjet printer.
2. Fold the printed page along the horizontal line.
3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

Warning: Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com.FedEx will not be responsible for any claim in excess of $100 per package, whether the result of loss, damage, delay, non-delivery,misdelivery,or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim.Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic valueof the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental,consequential, or special is limited to the greater of $100 or the authorized declared value. Recovery cannot exceed actual documented loss.Maximum for items of extraordinary value is 5,000 e.g. jewelry, precious metals, negotiable instruments and other items listed in our Service Guide. Written claims must be filed within strict time limits, see current FedEx Service Guide.

TAMPER RESISTANT

TAMPER RESISTANT

TAMPER RESISTANT

TAMPER RESISTANT

RT 328 1 C
FZ
8817
06.28

analytics environmental laboratory LLC

SAMPLE RECEIPT
NON-COMPLIANCE NOTIFICATION
(SENT VIA FACSIMILE)

DATE 6-28-2010 FROM Melissa

FAX CONTACT George Franklin FAX NUMBER _____

CLIENT Woodard + Curran LAB NUMBER 67090

The exceptions noted below were found on the sample(s) received on the attached Chain of Custody (COC) form. These exceptions may render the data results as non-defensible. Analytics will continue to proceed with the analysis of the sample(s) unless notified in writing to stop the analysis. This document may become part of the final report.

Please check the appropriate box and sign below and fax back to "Sample Receipt" at 603-430-2151.

Exceptions:

- [x] Sample(s) not on ice or not at 4°C ± 2°C 21.2°C — Sample arrived monday instead of saturday. Ice melted.
- [ ] Sample(s) received unpreserved or not at the proper pH. (pH was adjusted at the laboratory)
- [ ] Sample(s) received in incorrect containers
- [ ] Insufficient sample volume received (Detection limits may be elevated due to this exception)
- [ ] Trip Blank provided in cooler, but not recorded on the chain of custody
- [ ] Other: _____

Acknowledgment:

- [ ] **Please do not analyze/report Trip Blank, proceed with other analyses**
- [ ] **Proceed with the analysis.**
- [ ] **Please stop the analysis and wait for further instructions.**

Signed:_____ **Print Name:**_____

Date:_____

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

June 28, 2010

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

RE: Analytical Results Case Narrative
Analytics # 67104
AMISTAD ACADEMY

Dear Mr. Franklin;

Enclosed please find the analytical results for samples submitted for the above-mentioned project. The attached Cover Page lists the sample IDs, Lab tracking numbers and collection dates for the samples included in this deliverable.

Samples were analyzed Polychlorinated Biphenyls (PCBs) by EPA Method 8082.

Unless otherwise noted in the Non-conformance Summary listed below, all of the quality control (QC) criteria including initial calibration, calibration verification, surrogate recovery, holding time and method accuracy/precision for these analyses were within acceptable limits.

This Level II data package has been assembled in the following order:

Case Narrative/Non-Conformance Summary
Sample Log Sheet - Cover Page
PCB Form 1 Data Sheet for Samples and Blanks
Chromatograms
PCB Form 10 Confirmation Results
PCB Form 3 MS/MSD (LCS) Recoveries
Chain of Custody (COC) Forms

QC NON-CONFORMANCE SUMMARY

Sample Receipt:
No exceptions.

PCBs by EPA Method 8082:
No results were reported below the quantitation limit.

If you have any questions on these results, please do not hesitate to contact me.

Sincerely,
ANALYTICS Environmental Laboratory, LLC

Stephen L. Knollmeyer
Laboratory Director

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

Report Number: 67104

Revision: Rev. 0

Re: Amistad Academy (Project No: 223019)

Enclosed are the results of the analyses on your sample(s). Samples were received on 29 June 2010 and analyzed for the tests listed. Samples were received in acceptable condition, with the exceptions noted below or on the chain of custody. These results pertain to samples as received by the laboratory and for the analytical tests requested on the chain of custody. The results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report. Please see individual reports for specific methodologies and references.

Sample Analysis: The attached pages detail the Client Sample IDs, Lab Sample IDs, and Analyses requested

Sample Receipt Exceptions: None

Analytics Environmental Laboratory is certified by the states of New Hampshire, Maine, Massachusetts, Connecticut, Rhode Island, Virginia, Maryland, and is accredited by the Deparment of Defense (DOD) ELAP program. A list of actual certified parameters is available upon request.

If you have any questions on these results, please do not hesitate to contact us.

Authorized signature _____
Stephen L. Knollmeyer Lab. Director

Date 07/02/2010

This report shall not be reproduced, except in full, without the written consent of Analytics Environmental Laboratory, LLC.

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

CLIENT: Woodard & Curran **REPORT NUMBER: 67104** **REV: Rev. 0**

PROJECT: Amistad Academy (Project No: 223019)

Lab Number	Sample Date	Station Location	Analysis	Comments
67104-1	06/28/10	AA-VSS-119	EPA 8082 (PCBs only)	
67104-2	06/28/10	AA-VSS-520	EPA 8082 (PCBs only)	
67104-3	06/28/10	AA-VSS-121	EPA 8082 (PCBs only)	
67104-4	06/28/10	AA-VSS-122	EPA 8082 (PCBs only)	
67104-5	06/28/10	AA-VBS-123	EPA 8082 (PCBs only)	
67104-6	06/28/10	AA-VBS-124	EPA 8082 (PCBs only)	
67104-7	06/28/10	AA-VBS-125	EPA 8082 (PCBs only)	
67104-8	06/28/10	AA-VBS-126	Electronic Data Deliverable	
	06/28/10	AA-VBS-126	EPA 8082 (PCBs only)	

analytics environmental laboratory LLC

Surrogate Compound Limits

Matrix:	Aqueous	Solid	
Units:	% Recovery	% Recovery	Method
Volatile Organic Compounds - Drinking Water			
1,4-Difluorobenzene	70-130		EPA 524.2
Bromofluorobenzene	70-130		
1,2-Dichlorobenzene-d4	70-130		
Volatile Organic Compounds			
1,2-Dichloroethane-d4	70-120	70-120	EPA 624/8260B
Toluene-d8	85-120	85-120	
Bromofluorobenzene	75-120	75-120	
Semi-Volatile Organic Compounds			
2-Fluorophenol	20-110	35-105	EPA 625/8270C
d5-Phenol	15-110	40-100	
d5-nitrobenzene	40-110	35-100	
2-Fluorobiphenyl	50-110	45-105	
2,4,6-Tribromophenol	40-110	40-125	
d14-p-terphenyl	50-130	30-125	
PAH's by SIM			
d5-nitrobenzene	21-110	35-110	EPA 8270C
2-Fluorobiphenyl	36-121	45-105	
d14-p-terphenyl	33-141	30-125	
Pesticides and PCBs			
2,4,5,6-Tetrachloro-m-xylene (TCX)	46-122	40-130	EPA 608/8082
Decachlorobiphenyl (DCB)	40-135	40-130	
Herbicides			
Dichloroacetic acid (DCAA)	30-150	30-150	
Gasoline Range Organics/TPH Gasoline			
Trifluorotoluene TFT (FID)	60-140	60-140	MEDEP 4217/EPA 8015
Bromofluorobenzene (BFB) (FID)	60-140	60-140	
Trifluorotoluene TFT (PID)	60-140	60-140	
Bromofluorobenzene (BFB) (PID)	60-140	60-140	
Diesel Range Organics/TPH Diesel			
m-terphenyl	60-140	60-140	MEDEP 4125/EPA 8015/CT ETPH
Volatile Petroleum Hydrocarbons			
2,5-Dibromotoluene (PID)	70-130	70-130	MADEP VPH May 2004 Rev1.1
2,5-Dibromotoluene (FID)	70-130	70-130	
Extracatable Petroleum Hydrocarbons			
1-chloro-octadecane (aliphatic)	40-140	40-140	MADEP EPH May 2004 Rev1.1
o-Terphenyl (aromatic)	40-140	40-140	
2-Fluorobiphenyl (Fractionation)	40-140	40-140	
2-Bromonaphthalene (fractionation)	40-140	40-140	

PCB
DATA SUMMARIES

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 1, 2010

SAMPLE DATA

Lab Sample ID:	B062910PSOX
Matrix:	Soil
Percent Solid:	N/A
Dilution Factor:	1.0
Collection Date:	
Lab Receipt Date:	
Extraction Date:	06/29/10
Analysis Date:	06/30/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	Lab QC

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	99	%
Decachlorobiphenyl	50	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

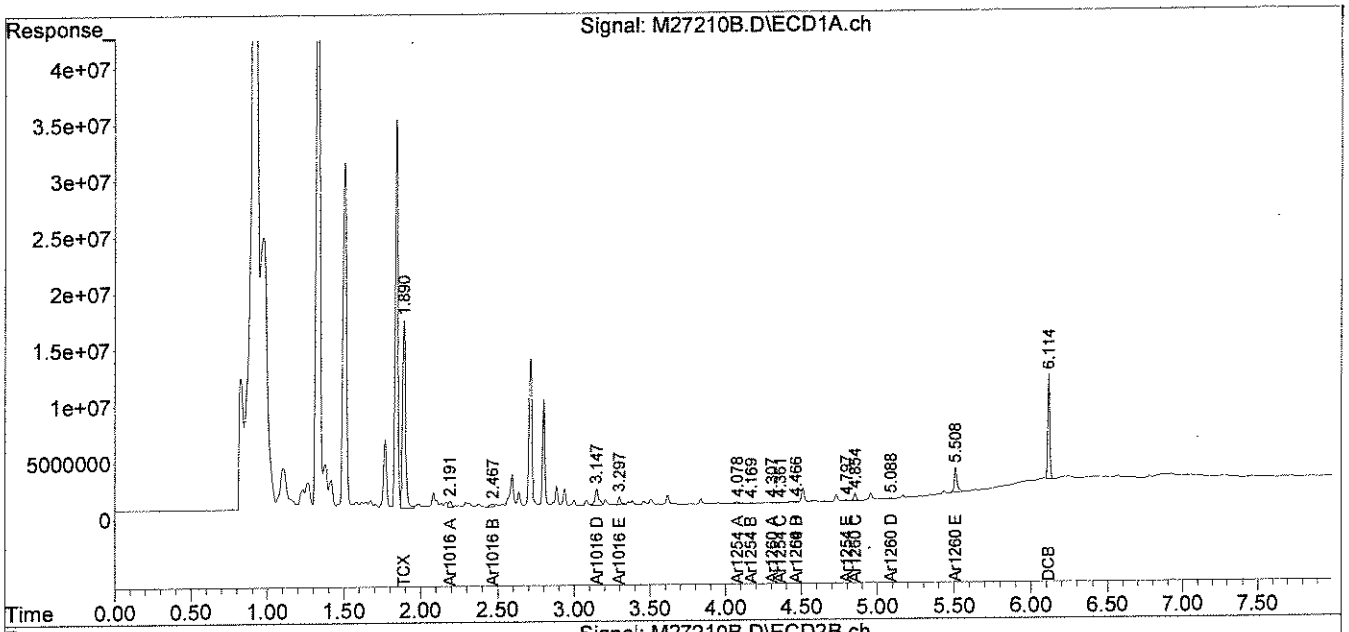
Authorized signature

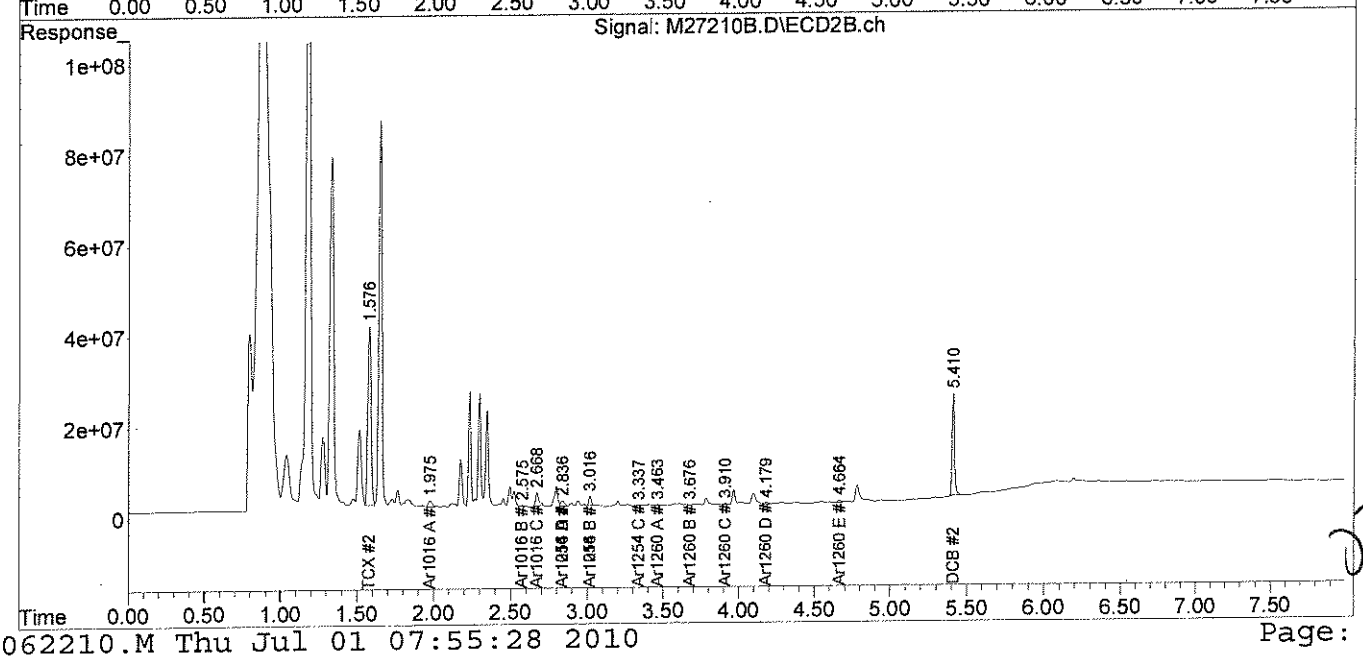
Data Path : C:\msdchem\1\DATA\063010-M\
Data File : M27210B.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jun 2010 6:09 pm
Operator : JK
Sample : B062910PSOX,,A/C
Misc : SOIL
ALS Vial : 20 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 01 07:55:19 2010
Quant Method : C:\msdchem\1\METHODS\PCB062210.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 22 15:04:58 2010
Response via : Initial Calibration
Integrator: ChemStation

07.01.10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





07/10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 1, 2010

SAMPLE DATA

Lab Sample ID:	67104-1
Matrix:	Solid
Percent Solid:	96
Dilution Factor:	1.0
Collection Date:	06/28/10
Lab Receipt Date:	06/29/10
Extraction Date:	06/29/10
Analysis Date:	06/30/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-119

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	95	%
Decachlorobiphenyl	53	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

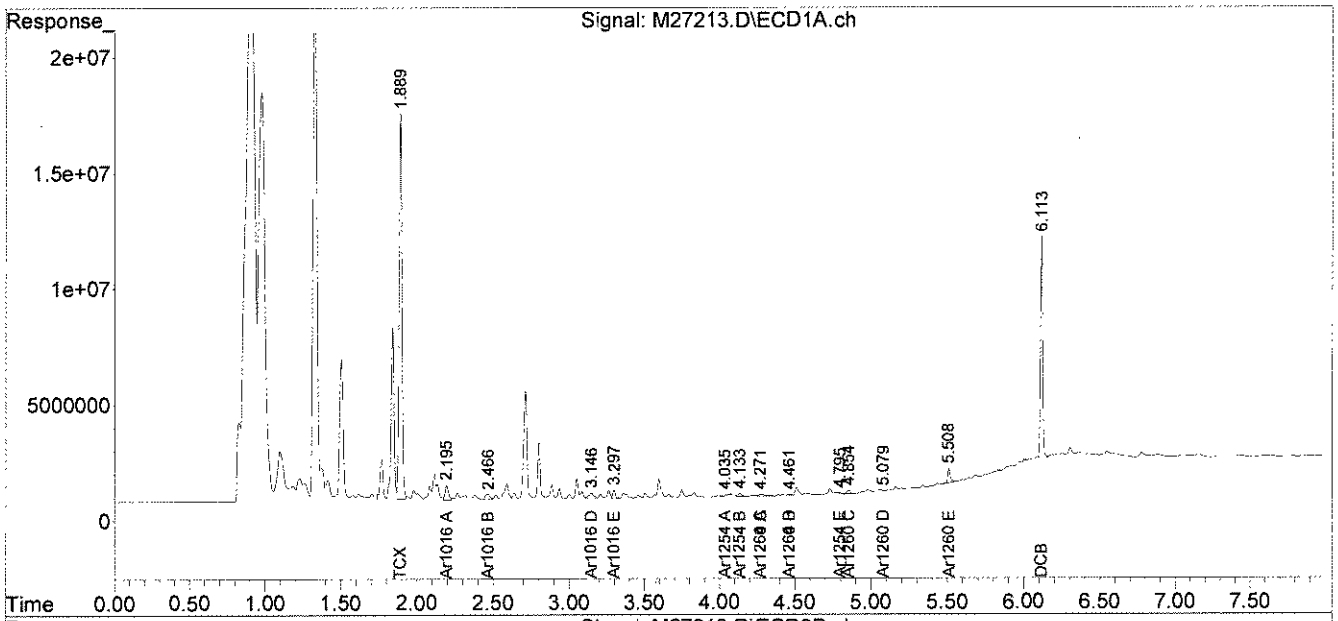
Authorized signature

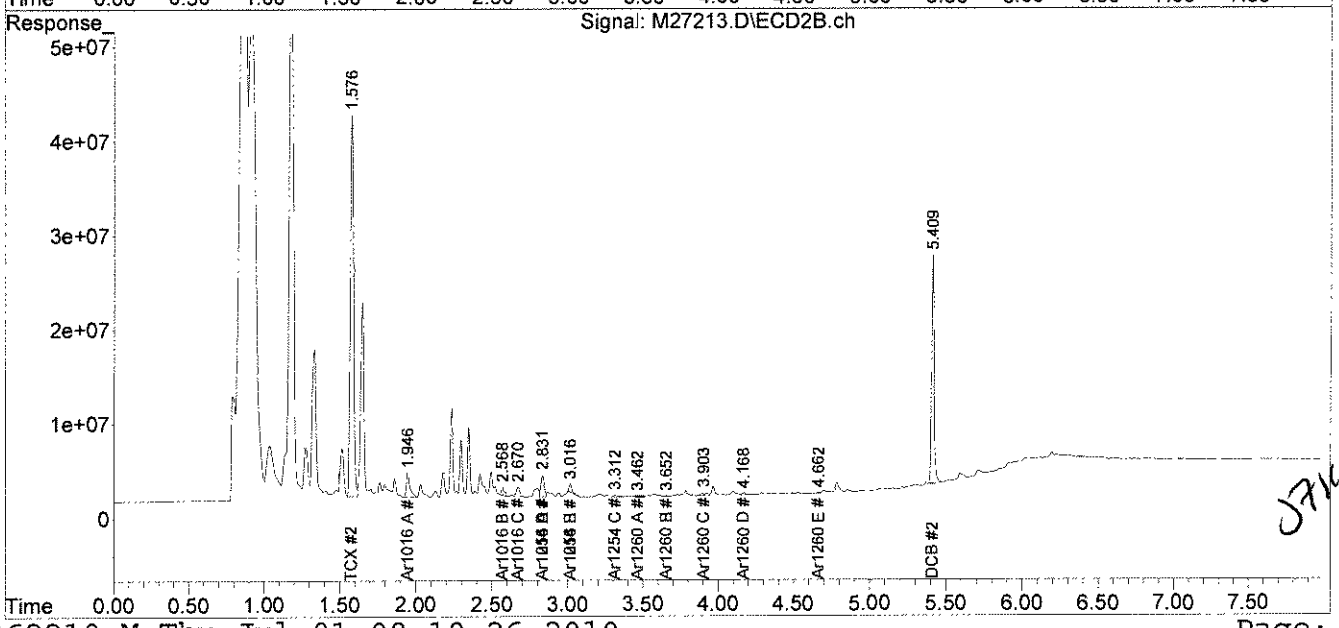
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\063010-M\
Data File : M27213.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jun 2010 6:39 pm
Operator : JK
Sample : 67104-1,,A/C
Misc : SOIL
ALS Vial : 23 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 01 08:10:18 2010
Quant Method : C:\msdchem\1\METHODS\PCB062210.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 22 14:51:48 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 1, 2010

SAMPLE DATA

Lab Sample ID:	67104-2
Matrix:	Solid
Percent Solid:	95
Dilution Factor:	1.0
Collection Date:	06/28/10
Lab Receipt Date:	06/29/10
Extraction Date:	06/29/10
Analysis Date:	06/30/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-520

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	107	%
Decachlorobiphenyl	53	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB Report

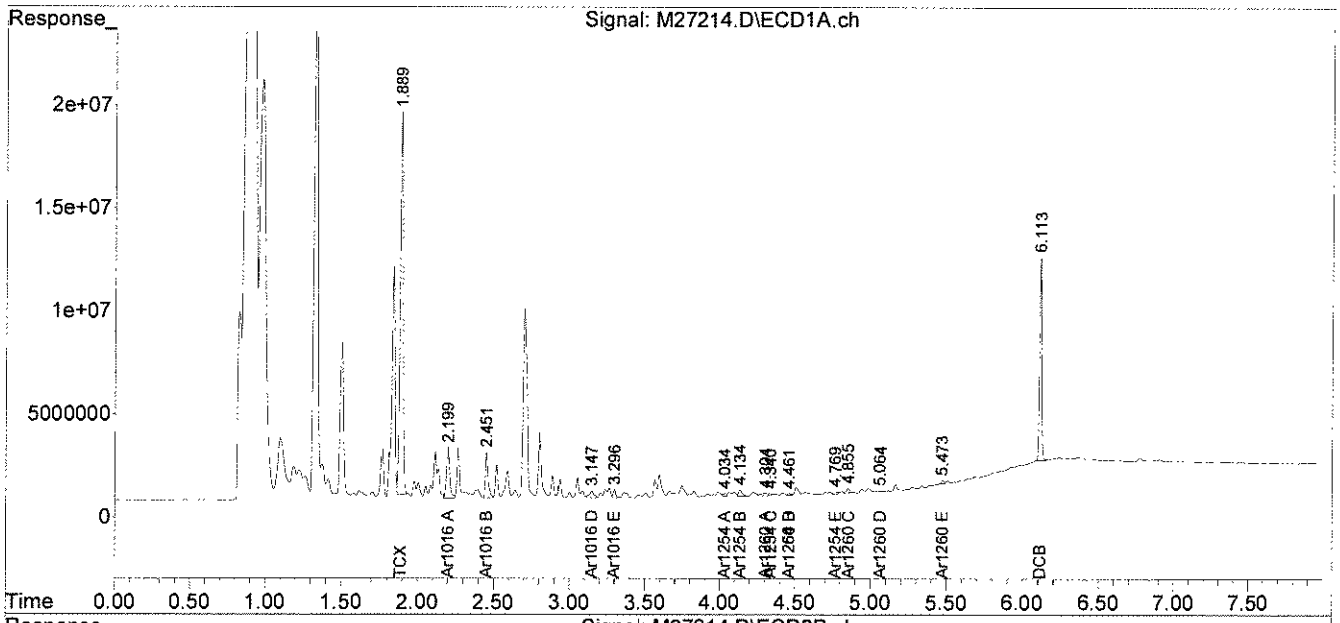
Authorized signature

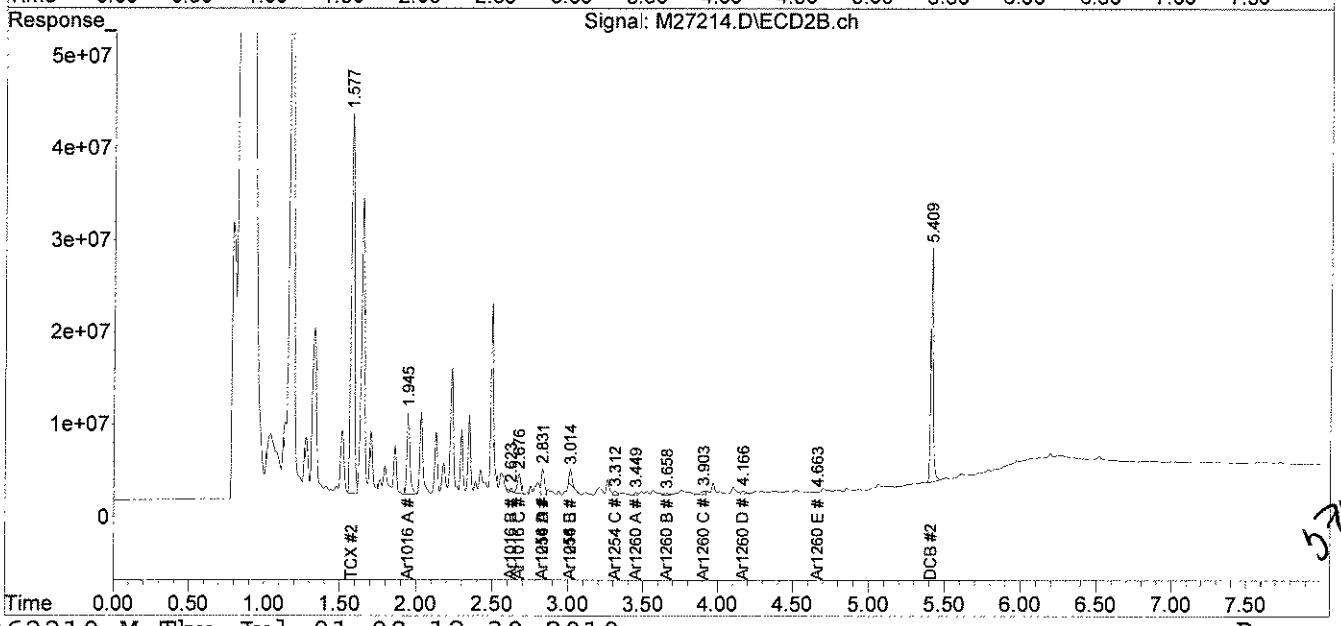
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\063010-M\
Data File : M27214.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jun 2010 6:50 pm
Operator : JK
Sample : 67104-2,,A/C
Misc : SOIL
ALS Vial : 24 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 01 08:12:20 2010
Quant Method : C:\msdchem\1\METHODS\PCB062210.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 22 14:51:48 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 1, 2010

SAMPLE DATA

Lab Sample ID:	67104-3
Matrix:	Solid
Percent Solid:	95
Dilution Factor:	1.0
Collection Date:	06/28/10
Lab Receipt Date:	06/29/10
Extraction Date:	06/29/10
Analysis Date:	06/30/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-121

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	96	%
Decachlorobiphenyl	54	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

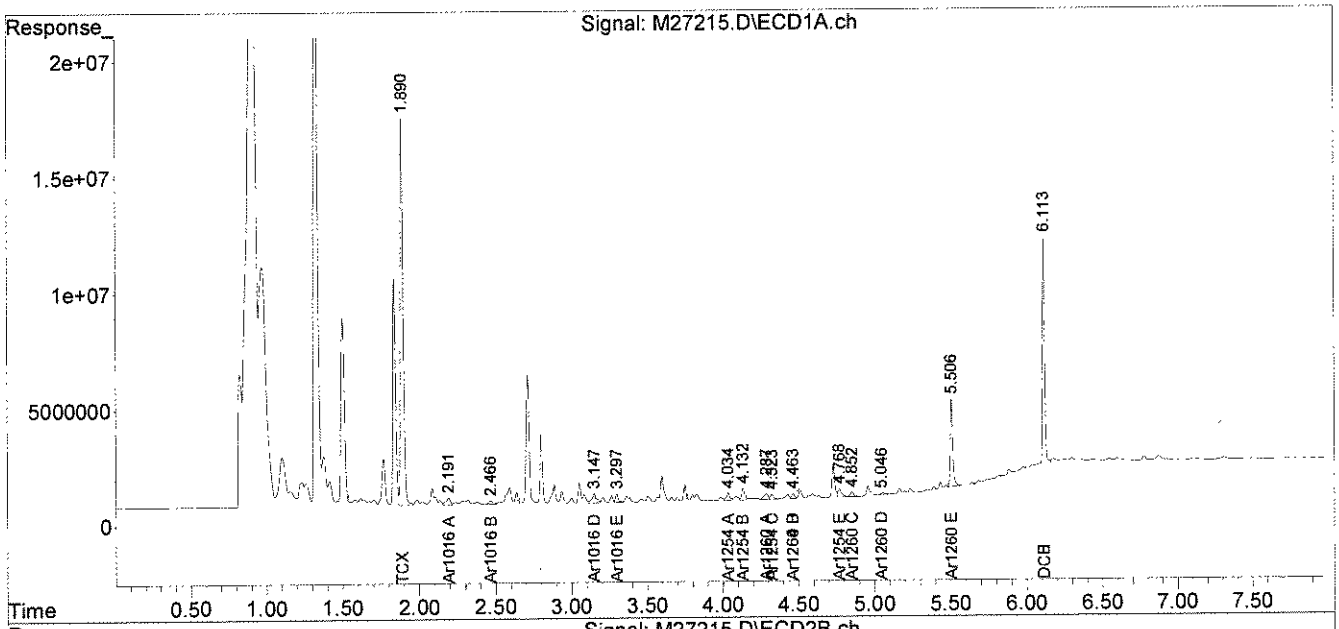
Quantitation Report (QT Reviewed)

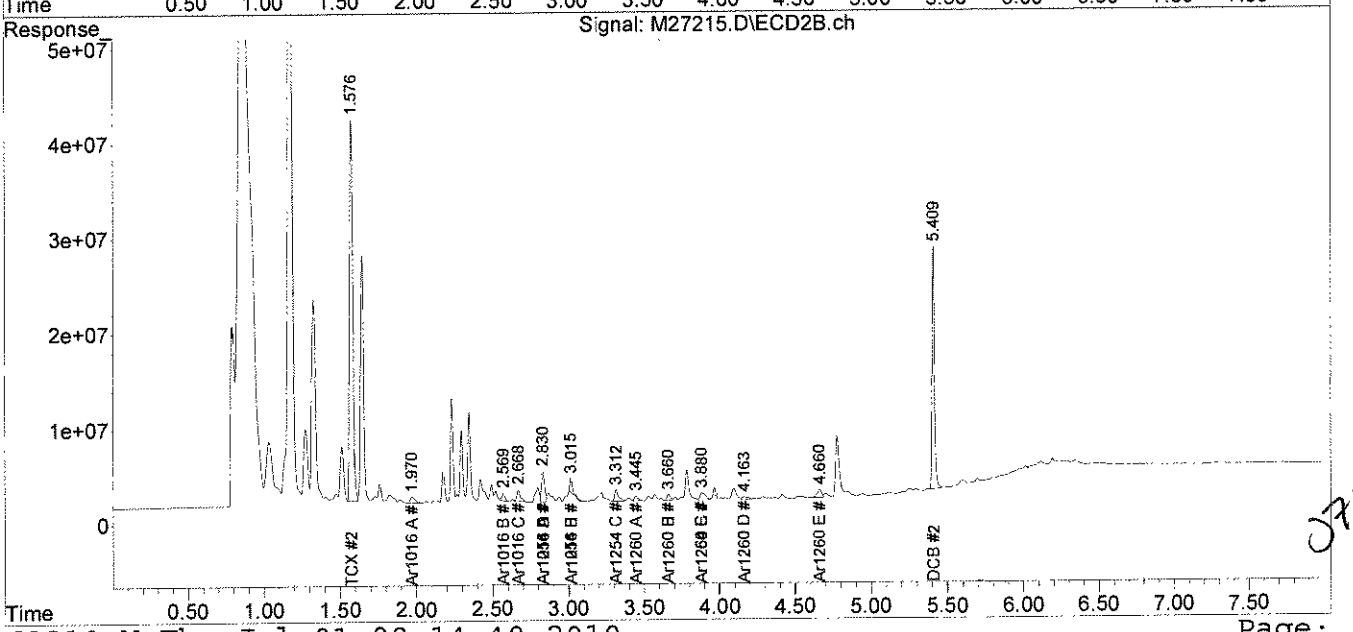
Data Path : C:\msdchem\1\DATA\063010-M\
Data File : M27215.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jun 2010 7:00 pm
Operator : JK
Sample : 67104-3,,A/C
Misc : SOIL
ALS Vial : 25 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 01 08:14:34 2010
Quant Method : C:\msdchem\1\METHODS\PCB062210.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 22 14:51:48 2010
Response via : Initial Calibration
Integrator: ChemStation

07.01.10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





J7110

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 1, 2010

SAMPLE DATA

Lab Sample ID:	67104-4
Matrix:	Solid
Percent Solid:	96
Dilution Factor:	1.0
Collection Date:	06/28/10
Lab Receipt Date:	06/29/10
Extraction Date:	06/29/10
Analysis Date:	06/30/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-122

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	96	%
Decachlorobiphenyl	55	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

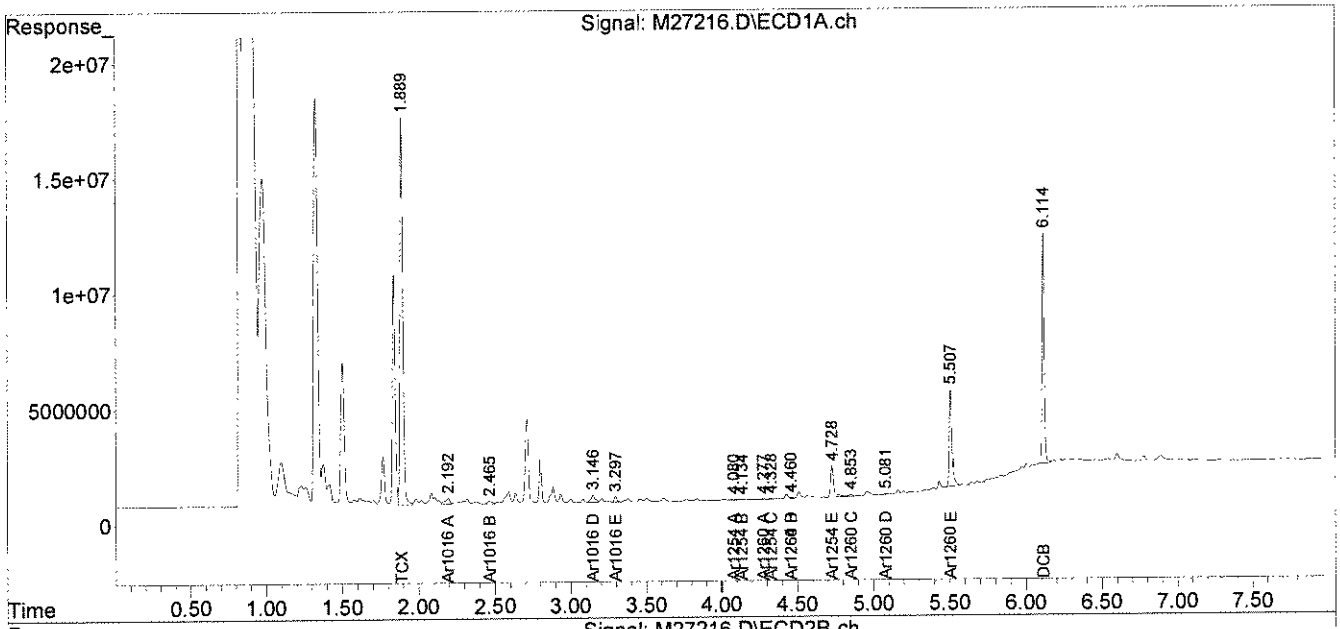
Quantitation Report (QT Reviewed)

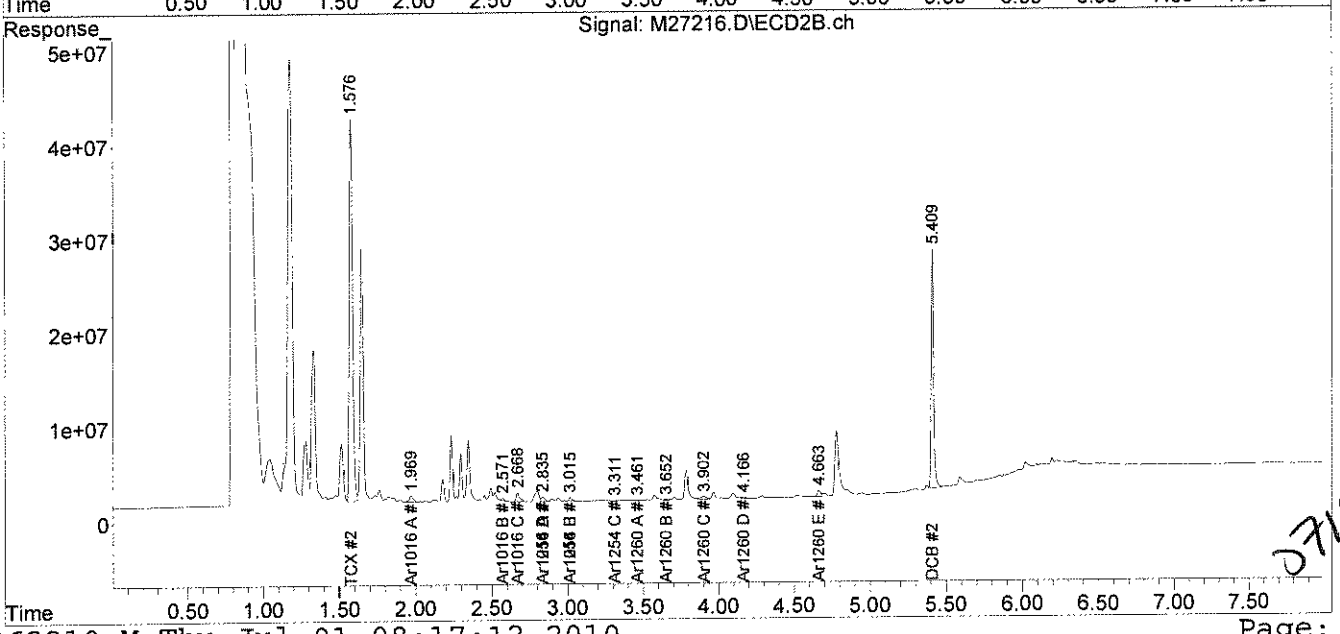
Data Path : C:\msdchem\1\DATA\063010-M\
Data File : M27216.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jun 2010 7:10 pm
Operator : JK
Sample : 67104-4,,A/C
Misc : SOIL
ALS Vial : 26 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 01 08:17:06 2010
Quant Method : C:\msdchem\1\METHODS\PCB062210.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 22 14:51:48 2010
Response via : Initial Calibration
Integrator: ChemStation

JL 07-01-10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





07110

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 1, 2010

SAMPLE DATA

Lab Sample ID:	67104-5
Matrix:	Solid
Percent Solid:	99
Dilution Factor:	1.0
Collection Date:	06/28/10
Lab Receipt Date:	06/29/10
Extraction Date:	06/29/10
Analysis Date:	06/30/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VBS-123

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	77	%
Decachlorobiphenyl	50	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB Report

Authorized signature

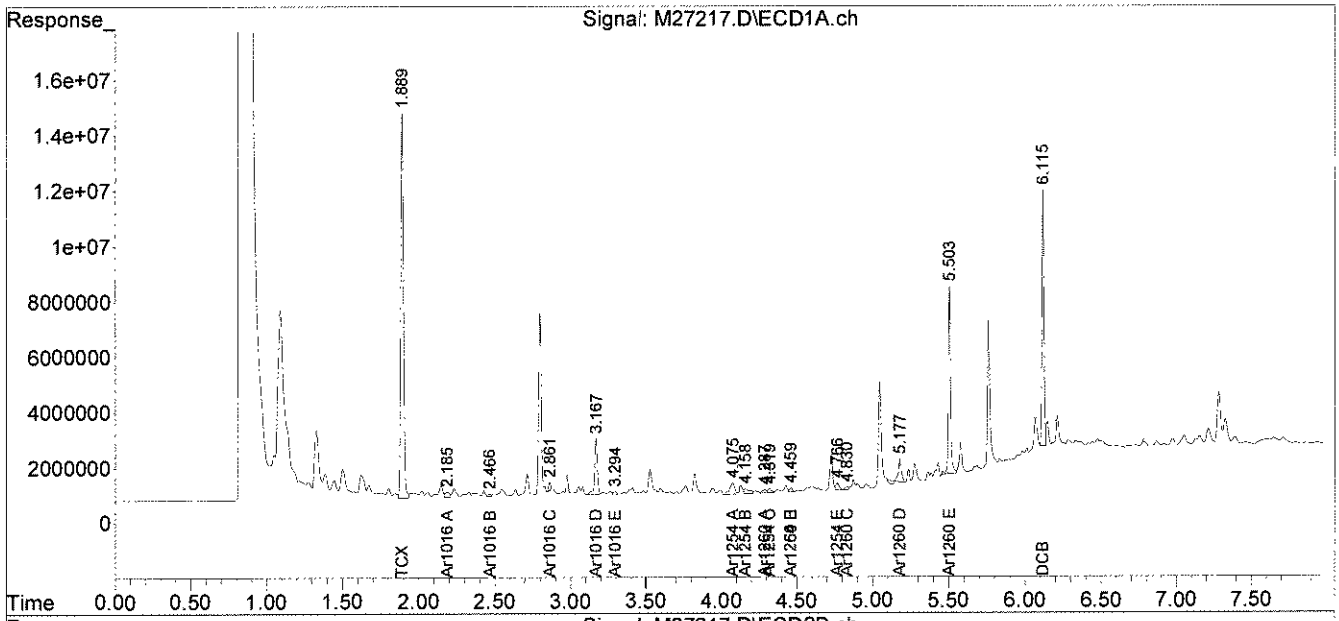
Quantitation Report (QT Reviewed)

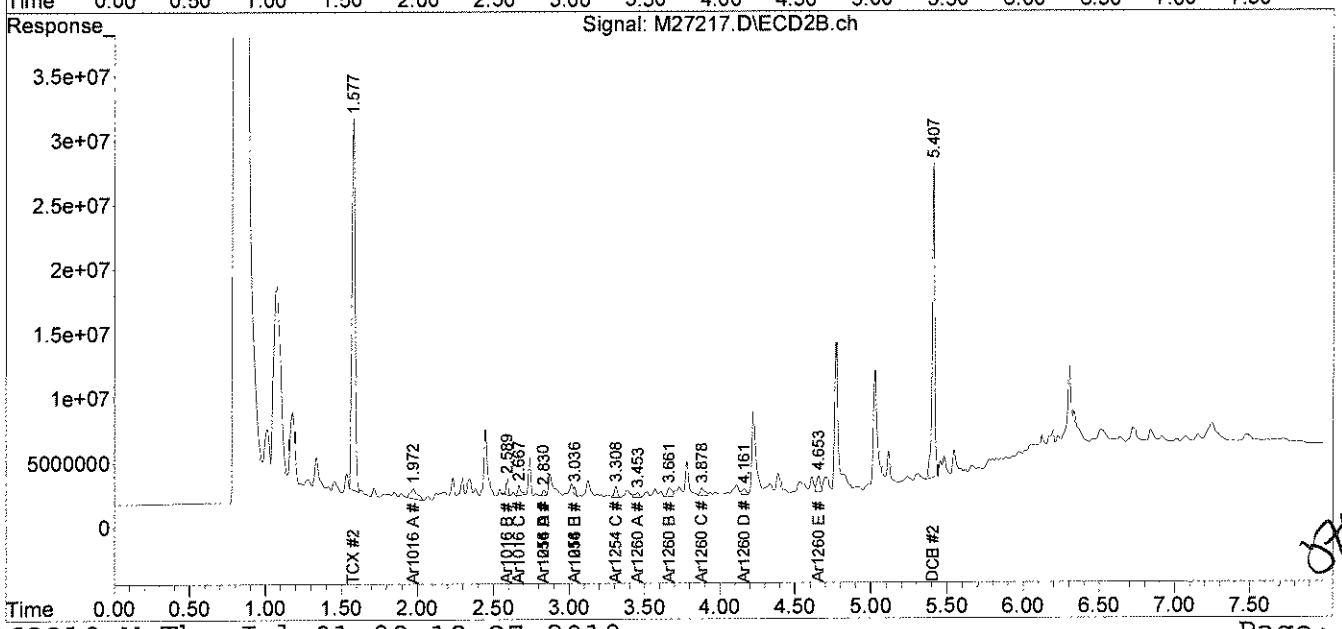
Data Path : C:\msdchem\1\DATA\063010-M\
Data File : M27217.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jun 2010 7:20 pm
Operator : JK
Sample : 67104-5,,A/C
Misc : SOIL
ALS Vial : 27 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 01 08:18:17 2010
Quant Method : C:\msdchem\1\METHODS\PCB062210.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 22 14:51:48 2010
Response via : Initial Calibration
Integrator: ChemStation

JR 07.01.10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





07/10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 1, 2010

SAMPLE DATA

Lab Sample ID:	67104-6
Matrix:	Solid
Percent Solid:	95
Dilution Factor:	1.0
Collection Date:	06/28/10
Lab Receipt Date:	06/29/10
Extraction Date:	06/29/10
Analysis Date:	06/30/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VBS-124

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	61	%
Decachlorobiphenyl	42	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

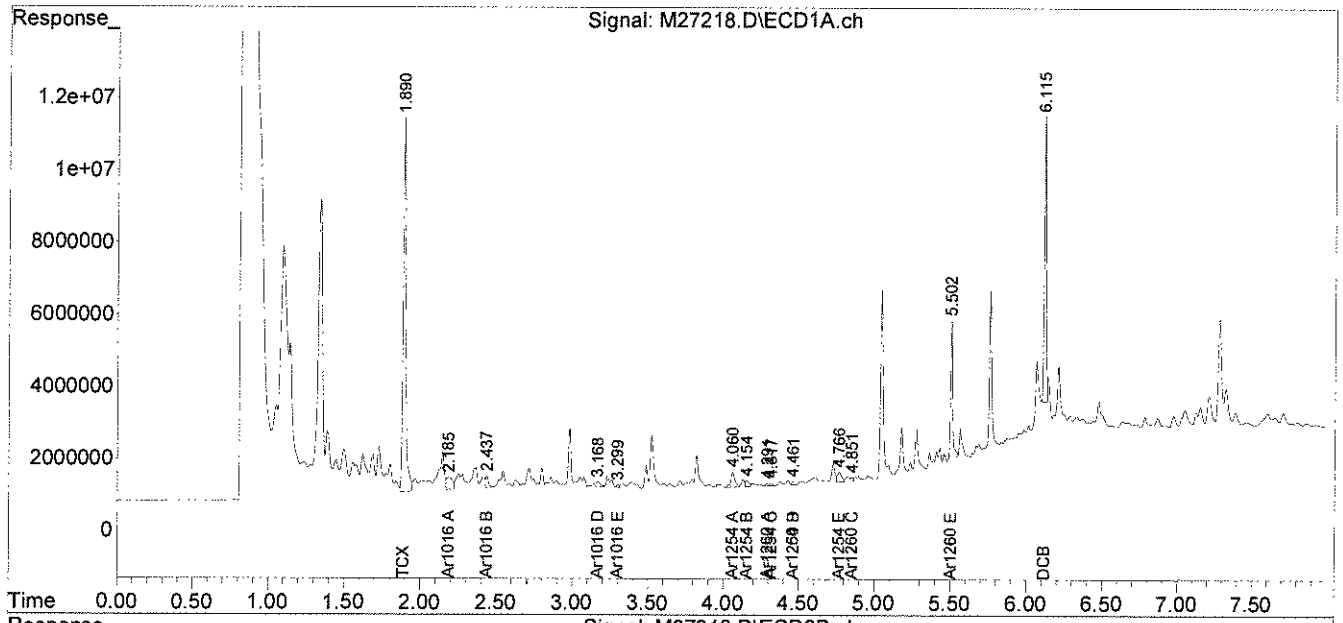
Quantitation Report (QT Reviewed)

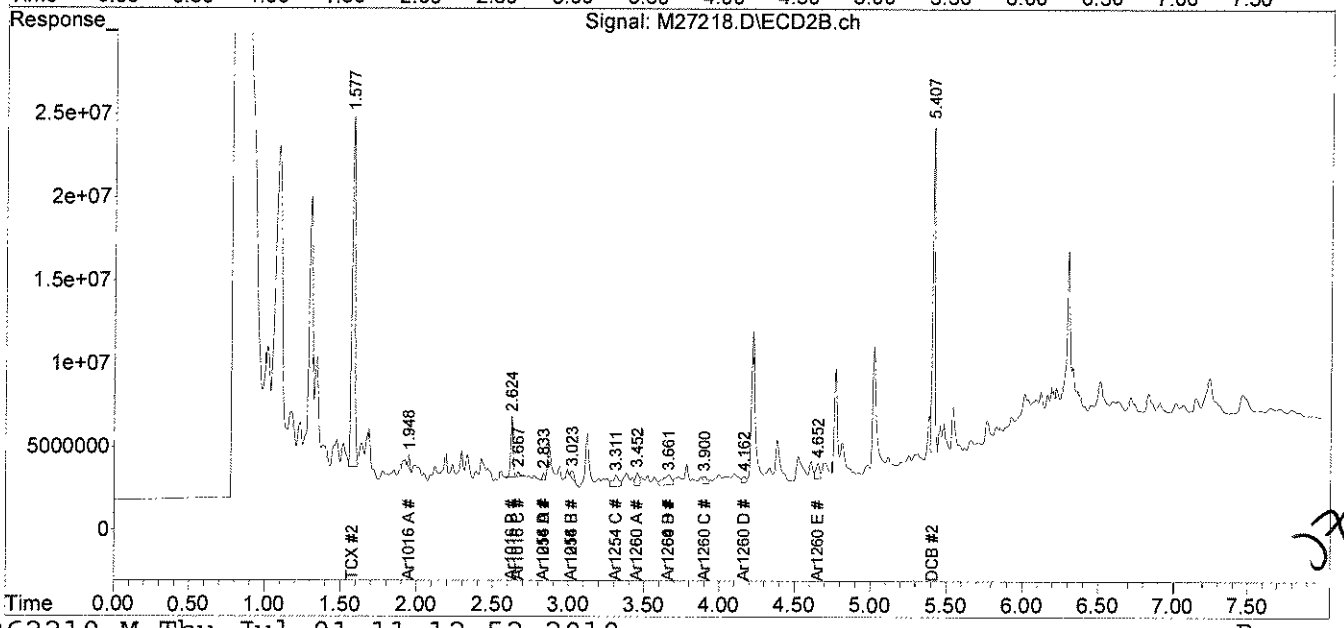
Data Path : C:\msdchem\1\DATA\063010-M\
Data File : M27218.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jun 2010 7:31 pm
Operator : JK
Sample : 67104-6,,A/C
Misc : SOIL
ALS Vial : 28 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 01 11:12:36 2010
Quant Method : C:\msdchem\1\METHODS\PCB062210.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 22 14:51:48 2010
Response via : Initial Calibration
Integrator: ChemStation

07-01-10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





J7110

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 1, 2010

SAMPLE DATA

Lab Sample ID:	67104-7
Matrix:	Solid
Percent Solid:	95
Dilution Factor:	1.0
Collection Date:	06/28/10
Lab Receipt Date:	06/29/10
Extraction Date:	06/29/10
Analysis Date:	06/30/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VBS-125

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	71	%
Decachlorobiphenyl	47	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB Report

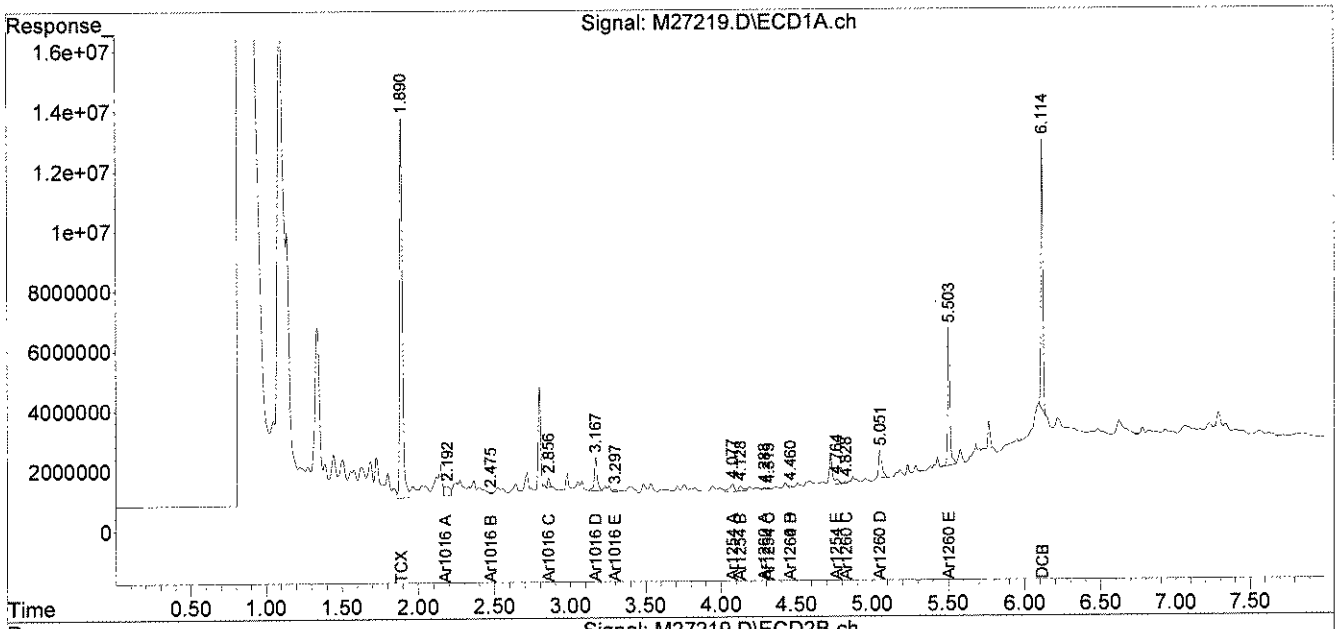
Authorized signature

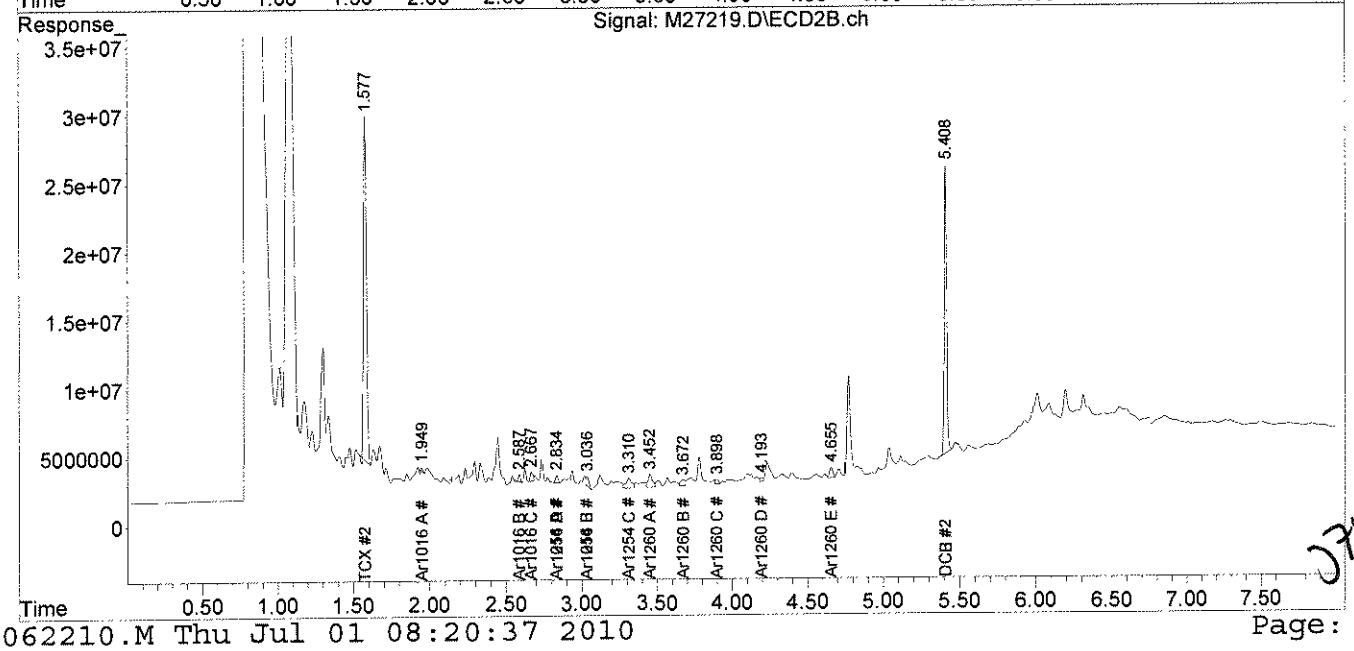
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\063010-M\
Data File : M27219.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jun 2010 7:41 pm
Operator : JK
Sample : 67104-7,,A/C
Misc : SOIL
ALS Vial : 29 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 01 08:20:30 2010
Quant Method : C:\msdchem\1\METHODS\PCB062210.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 22 14:51:48 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





PCB062210.M Thu Jul 01 08:20:37 2010 Page: 2

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 1, 2010

SAMPLE DATA

Lab Sample ID:	67104-8
Matrix:	Solid
Percent Solid:	93
Dilution Factor:	1.0
Collection Date:	06/28/10
Lab Receipt Date:	06/29/10
Extraction Date:	06/29/10
Analysis Date:	06/30/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VBS-126

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	61	%
Decachlorobiphenyl	53	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

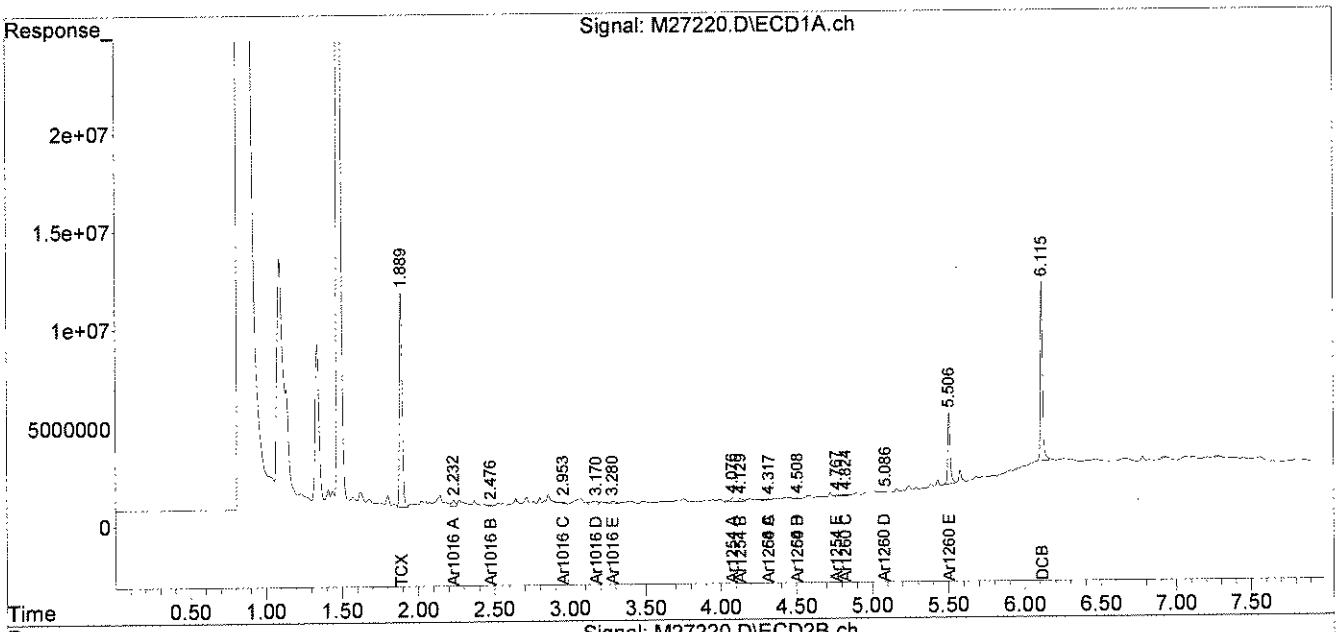
Quantitation Report (QT Reviewed)

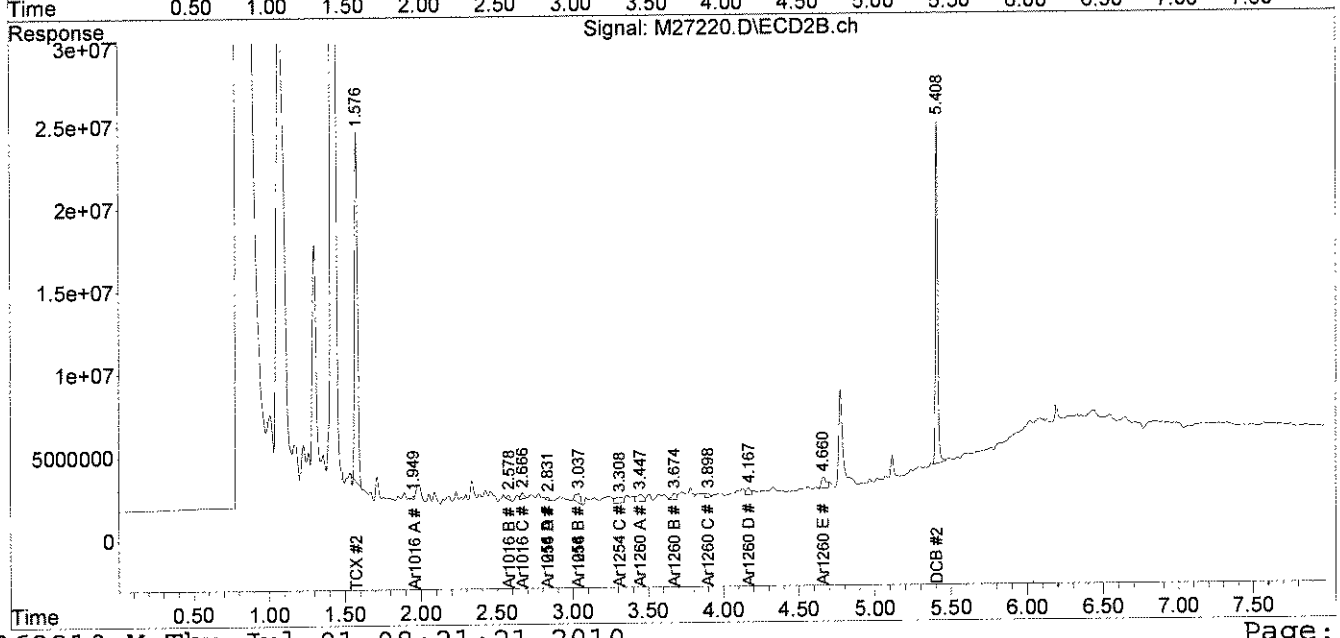
Data Path : C:\msdchem\1\DATA\063010-M\
Data File : M27220.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jun 2010 7:51 pm
Operator : JK
Sample : 67104-8,,A/C
Misc : SOIL
ALS Vial : 30 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 01 08:21:15 2010
Quant Method : C:\msdchem\1\METHODS\PCB062210.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 22 14:51:48 2010
Response via : Initial Calibration
Integrator: ChemStation

JL 07.01.10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





JL 7/10

PCB
QC FORMS

AnalyticsLLC:AEL Documents LLC:Pkg Dividers:PCBQC.doc

PCB SOIL
SYSTEM MONITORING COMPOUNDS
SUMMARY

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67104

	Column #1				Column #2			
SAMPLE ID	SMC 1 (%)	#	SMC 2 (%)	#	SMC 1 (%)	#	SMC 2 (%)	#
B062910PSOX,,A/C	99		50		86		48	
L062910PSOX,,A/C	97		52		90		48	
LD062910PSOX,,A/C	96		52		89		52	
67104-1,,A/C	95		53		90		52	
67104-2,,A/C	107		53		91		54	
67104-3,,A/C	96		54		90		53	
67104-4,,A/C	96		55		91		55	
67104-5,,A/C	77		50		61		54	
67104-6,,A/C	61		42		44		40	
67104-7,,A/C	71		47		49		43	
67104-8,,A/C	61		53		42		42	

		Lower Limit	Upper Limit
SMC #1 =	TCX	40	130
SMC #2 =	DCB	40	130

\# Column to be used to flag recovery values outside of QC limits
* Values outside QC limits
D System Monitoring Compound diluted out

PCB FORM 2

PCB SOIL
LABORATORY CONTROL SAMPLE/DUPLICATE
PERCENT RECOVERY

Instrument ID: M

GC Column #1: STX-CLPesticides I

Column ID: 0.25 mm

GC Column #2: STX-CLPesticides II

Column ID: 0.25 mm

SDG: 67104

Non-spiked sample: B062910PSOX,,A/C

Spike: L062910PSOX,,A/C

Spike duplicate: LD062910PSOX,,A/C

COMPOUND	LCS SPIKE ADDED (ug/kg)	LCSD SPIKE ADDED (ug/kg)	LOWER LIMIT	UPPER LIMIT	RPD LIMIT	NON-SPIKE RESULT (ug/kg)	SPIKE RESULT (ug/kg)	SPIKE % REC	#	SPIKE DUP RESULT (ug/kg)	SPIKE DUP % REC	#	RPD	#
PCB 1016	200	200	65	140	30	0	196	98		205	102		4.4	
PCB 1260	200	200	60	130	30	0	175	88		179	90		2.1	
PCB 1016 #2	200	200	65	140	30	0	241	120		253	127		5.1	
PCB 1260 #2	200	200	60	130	30	0	198	99		203	101		2.4	

Column to be used to flag recovery and RPD values outside of QC limits

* Values outside QC limits

LCS/LCSD spike added values have been weight adjusted.

Non-spike result of "0" used in place of "U" to allow calculation of spike recovery.

Comments: _____

_____

PCB FORM 3

CHAIN OF CUSTODIES

Chain Of Custody Form

Analytics environmental laboratory LLC
195 Commerce Way Suite E
Portsmouth, NH 03801
Phone (603) 436-5111
Fax (603) 430-2151

For Analytics Use Only Rev. 5 06/18/08

Samples were:
1) Shipped or hand-delivered
2) Temp blank °C 2.9°
3) Received in good condition Y or N
4) pH checked by: N/A
5) Labels checked by: 6/28/10

Project#: 223019 Proj. Name: AMISTAD ACADEMY
Company: Woodard &Curran
Contact: GEORGE FRANKLIN / JEFF HAMEL
Address: 41 Hutchins Drive
Portland, ME
Phone: (207)774-2112 PO# Quote # WCI0305 1001
Sampler (Signature): JESSE HABOUP

Matrix Key:
C = Concrete
WP = Wipe
WW = Wastewater
SW = Surface Water
GW = Groundwater
DW = Drinking Water
S = Soil/Sludge
O = Oil
E = Extract B=brick

Preservation

Container Key
P=plastic G=glass

Station Identification	Sample Date	Sample Time	Analysis	Unpres	4° C	HNO_3	H_2SO_4	HCL	Methanol	Other	Matrix	Container number/type		pH	Analytics Sample #
AA-VSS-119	6/28/10	1110	PCB's by U.S. EPA w/ Soxhlet Extraction		✓						S	1	G		67104 -1
AA-VSS-520		1120			✓						S	1	G		2
AA-VSS-121		1130			✓						S	1	G		3
AA-VSS-122		1140			✓						S	1	G		4
AA-VBS-123		1310			✓						B	1	G		5
AA-VBS-124		1320			✓						B	1	G		6
AA-VBS-125		1330			✓						B	1	G		7
AA-VBS-126		1340			✓						B	1	G		8

CP 6/29/10

Email Results to:
jfranklin@woodardcurran.com
jhamel..., jream...

Turnaround Time (TAT)
✓ 24hr* ☐ 48hr* ☐ 72hr* ☐ 5 Days* ☐ 10 Days
*Fee may apply; lab approval required

Comments / Instructions:
R.L. ≤ 1.0 mg/kg.

Project Requirements:
*Fee may apply

Report Type:
☐ MCP* ✓ Level II* ☐ CTRCP* ☐ Level III* ☐ DOD* ☐ Level IV* ☐ Standard

State:
☐ NH ☐ MA ☐ ME ✓ CT ☐ RI
Other:

State Standard: (eg. S-1 or GW-1)

EDD Required: Y* N
Type: X/S

Relinquished By Sampler:	Relinquished By:	Relinquished By:
Jesse Habour	Fed Ex	
Date: 6/28/10	Date: 6/29/10	Date:
Time:	Time: 930	Time:

Received By:	Received By:	Received By:
Fed Ex	Cathy Fang	
Date:	Date: 6/29/10	Date:
Time:	Time:	Time:

Analytics\AEL Documents\AEL COC

Page 1 of ____

ANALYTICS SAMPLE RECEIPT CHECKLIST

analytics environmental laboratory LLC

AEL LAB#: 67104

CLIENT: Woodard

PROJECT: Amistad

COOLER NUMBER: N/A

NUMBER OF COOLERS: 1

DATE RECEIVED: 6/29/10

A: PRELIMINARY EXAMINATION:

DATE COOLER OPENED: 6/29/10

1. Cooler received by(initials): CP

Date Received: 6/29/10

2. Circle one: Hand delivered (If so, skip 3) Shipped

3. Did cooler come with a shipping slip? Y N

3a. Enter carrier name and airbill number here: Fed Ex 7987 9981 7342

4. Were custody seals on the outside of cooler? Y N
How many & where: 2 on lid Seal Date: N/A Seal Name: can't read name

5. Did the custody seals arrive unbroken and intact upon arrival? Y N

6. COC#: N/A

7. Were Custody papers filled out properly (ink,signed, etc)? - No time as to when sampler relinquished to FedEx Y N

8. Were custody papers sealed in a plastic bag? Y N

9. Did you sign the COC in the appropriate place? Y N

10. Was the project identifiable from the COC papers? Y N

11. Was enough ice used to chill the cooler? Y N Temp. of cooler: 2.9°

B. Log-In: Date samples were logged in: 6/29/10 By: CP

12. Type of packing in cooler(bubble wrap, popcorn) Y N

13. Were all bottles sealed in separate plastic bags? Y N

14. Did all bottles arrive unbroken and were labels in good condition? Y N

15. Were all bottle labels complete(ID,Date,time,etc.) Y N

16. Did all bottle labels agree with custody papers? Y N

17. Were the correct containers used for the tests indicated: Y N

18. Were samples received at the correct pH? Y N/A

19. Was sufficient amount of sample sent for the tests indicated? Y N

20. Were bubbles absent in VOA samples? Y N/A

If NO, List Sample ID's and Lab #s:

21. Laboratory labeling verified by (initials): MJ Date: 6.29.10

From: Origin ID: BNHA (203) 271-0379
Jesse Ream
WOODARD & CURRAN INC
1520 HIGHLAND AVENUE

CHESHIRE, CT 06410

FedEx Express

E

J18201005250225

Ship Date: 28JUN10
ActWgt: 30.0 LB
CAD: 2185050/INET3060

Delivery Address Bar Code

Ref # 223019.00
Invoice #
PO #
Dept #

SHIP TO: (603) 436-5111 BILL SENDER

Analytics Enviro Labs, LLC
Analytics Enviro Labs, LLC
195 COMMERCE WAY UNIT E

PORTSMOUTH, NH 03801

TRK# 0201 7987 9981 7342

TUE - 29 JUN A2
PRIORITY OVERNIGHT

03801
NH-US
MHT

03 IGGA

598G1/9897/9A24

After printing this label:
. Use the 'Print' button on this page to print your label to your laser or inkjet printer.
. Fold the printed page along the horizontal line.
. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

Warning: Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com.FedEx will not be responsible for any claim in excess of $100 per package, whether the result of loss, damage, delay, non-delivery,misdelivery,or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim.Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental,consequential, or special is limited to the greater of $100 or the authorized declared value. Recovery cannot exceed actual documented loss.Maximum for items of extraordinary value is $500, e.g. jewelry, precious metals, negotiable instruments and other items listed in our ServiceGuide. Written claims must be filed within strict time limits, see current FedEx Service Guide.

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

July 6, 2010

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

RE: Analytical Results Case Narrative
Analytics # 67115
AMISTAD ACADEMY

Dear Mr. Franklin;

Enclosed please find the analytical results for samples submitted for the above-mentioned project. The attached Cover Page lists the sample IDs, Lab tracking numbers and collection dates for the samples included in this deliverable.

Samples were analyzed Polychlorinated Biphenyls (PCBs) by EPA Method 8082.

Unless otherwise noted in the Non-conformance Summary listed below, all of the quality control (QC) criteria including initial calibration, calibration verification, surrogate recovery, holding time and method accuracy/precision for these analyses were within acceptable limits.

This Level II data package has been assembled in the following order:

Case Narrative/Non-Conformance Summary
Sample Log Sheet - Cover Page
PCB Form 1 Data Sheet for Samples and Blanks
Chromatograms
PCB Form 10 Confirmation Results
PCB Form 3 MS/MSD (LCS) Recoveries
Chain of Custody (COC) Forms

QC NON-CONFORMANCE SUMMARY

Sample Receipt:
No exceptions.

PCBs by EPA Method 8082:
No results were reported below the quantitation limit.

If you have any questions on these results, please do not hesitate to contact me.

Sincerely,
ANALYTICS Environmental Laboratory, LLC

Stephen L. Knollmeyer
Laboratory Director

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

Report Number: 67115

Revision: Rev. 0

Re: Amistad Academy (Project No: 223019)

Enclosed are the results of the analyses on your sample(s). Samples were received on 30 June 2010 and analyzed for the tests listed. Samples were received in acceptable condition, with the exceptions noted below or on the chain of custody. These results pertain to samples as received by the laboratory and for the analytical tests requested on the chain of custody. The results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report. Please see individual reports for specific methodologies and references.

Sample Analysis: The attached pages detail the Client Sample IDs, Lab Sample IDs, and Analyses requested

Sample Receipt Exceptions: None

Analytics Environmental Laboratory is certified by the states of New Hampshire, Maine, Massachusetts, Connecticut, Rhode Island, Virginia, Maryland, and is accredited by the Deparment of Defense (DOD) ELAP program. A list of actual certified parameters is available upon request.

If you have any questions on these results, please do not hesitate to contact us.

Authorized signature _____
Stephen L. Knollmeyer Lab. Director

Date 7/6/2010

This report shall not be reproduced, except in full, without the written consent of Analytics Environmental Laboratory, LLC.

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

CLIENT: Woodard & Curran **REPORT NUMBER: 67115** **REV: Rev. 0**

PROJECT: Amistad Academy (Project No: 223019)

Lab Number	Sample Date	Station Location	Analysis	Comments
67115-1	06/29/10	AA-VBS-Q-127	EPA 8082 (PCBs only)	
67115-2	06/29/10	AA-VWP-128	EPA 8082 (PCBs only)	
67115-3	06/29/10	AA-VWP-129	EPA 8082 (PCBs only)	
67115-4	06/29/10	AA-VWP-130	EPA 8082 (PCBs only)	
67115-5	06/29/10	AA-VSS-131	EPA 8082 (PCBs only)	
67115-6	06/29/10	AA-VSS-132	EPA 8082 (PCBs only)	
67115-7	06/29/10	AA-VSS-133	EPA 8082 (PCBs only)	
67115-8	06/29/10	AA-VSS-134	Electronic Data Deliverable	
	06/29/10	AA-VSS-134	EPA 8082 (PCBs only)	

Surrogate Compound Limits

Matrix:	Aqueous	Solid	
Units:	% Recovery	% Recovery	Method
Volatile Organic Compounds - Drinking Water			
1,4-Difluorobenzene	70-130		EPA 524.2
Bromofluorobenzene	70-130		
1,2-Dichlorobenzene-d4	70-130		
Volatile Organic Compounds			
1,2-Dichloroethane-d4	70-120	70-120	EPA 624/8260B
Toluene-d8	85-120	85-120	
Bromofluorobenzene	75-120	75-120	
Semi-Volatile Organic Compounds			
2-Fluorophenol	20-110	35-105	EPA 625/8270C
d5-Phenol	15-110	40-100	
d5-nitrobenzene	40-110	35-100	
2-Fluorobiphenyl	50-110	45-105	
2,4,6-Tribromophenol	40-110	40-125	
d14-p-terphenyl	50-130	30-125	
PAH's by SIM			
d5-nitrobenzene	21-110	35-110	EPA 8270C
2-Fluorobiphenyl	36-121	45-105	
d14-p-terphenyl	33-141	30-125	
Pesticides and PCBs			
2,4,5,6-Tetrachloro-m-xylene (TCX)	46-122	40-130	EPA 608/8082
Decachlorobiphenyl (DCB)	40-135	40-130	
Herbicides			
Dichloroacetic acid (DCAA)	30-150	30-150	
Gasoline Range Organics/TPH Gasoline			
Trifluorotoluene TFT (FID)	60-140	60-140	MEDEP 4217/EPA 8015
Bromofluorobenzene (BFB) (FID)	60-140	60-140	
Trifluorotoluene TFT (PID)	60-140	60-140	
Bromofluorobenzene (BFB) (PID)	60-140	60-140	
Diesel Range Organics/TPH Diesel			
m-terphenyl	60-140	60-140	MEDEP 4125/EPA 8015/CT ETPH
Volatile Petroleum Hydrocarbons			
2,5-Dibromotoluene (PID)	70-130	70-130	MADEP VPH May 2004 Rev1.1
2,5-Dibromotoluene (FID)	70-130	70-130	
Extracatable Petroleum Hydrocarbons			
1-chloro-octadecane (aliphatic)	40-140	40-140	MADEP EPH May 2004 Rev1.1
o-Terphenyl (aromatic)	40-140	40-140	
2-Fluorobiphenyl (Fractionation)	40-140	40-140	
2-Bromonaphthalene (fractionation)	40-140	40-140	

PCB
DATA SUMMARIES

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 2, 2010

SAMPLE DATA

Lab Sample ID: B070110PW
Matrix: Aqueous
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date:
Lab Receipt Date:
Extraction Date: 07/01/10
Analysis Date: 07/01/10

CLIENT SAMPLE ID

Project Name: Amistad Academy
Project Number: 223019
Field Sample ID: Lab QC

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/L	Results µg/L
PCB-1016	0.2	U
PCB-1221	0.2	U
PCB-1232	0.2	U
PCB-1242	0.2	U
PCB-1248	0.2	U
PCB-1254	0.2	U
PCB-1260	0.2	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	91	%
Decachlorobiphenyl	61	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS:

PCB Report

Authorized signature

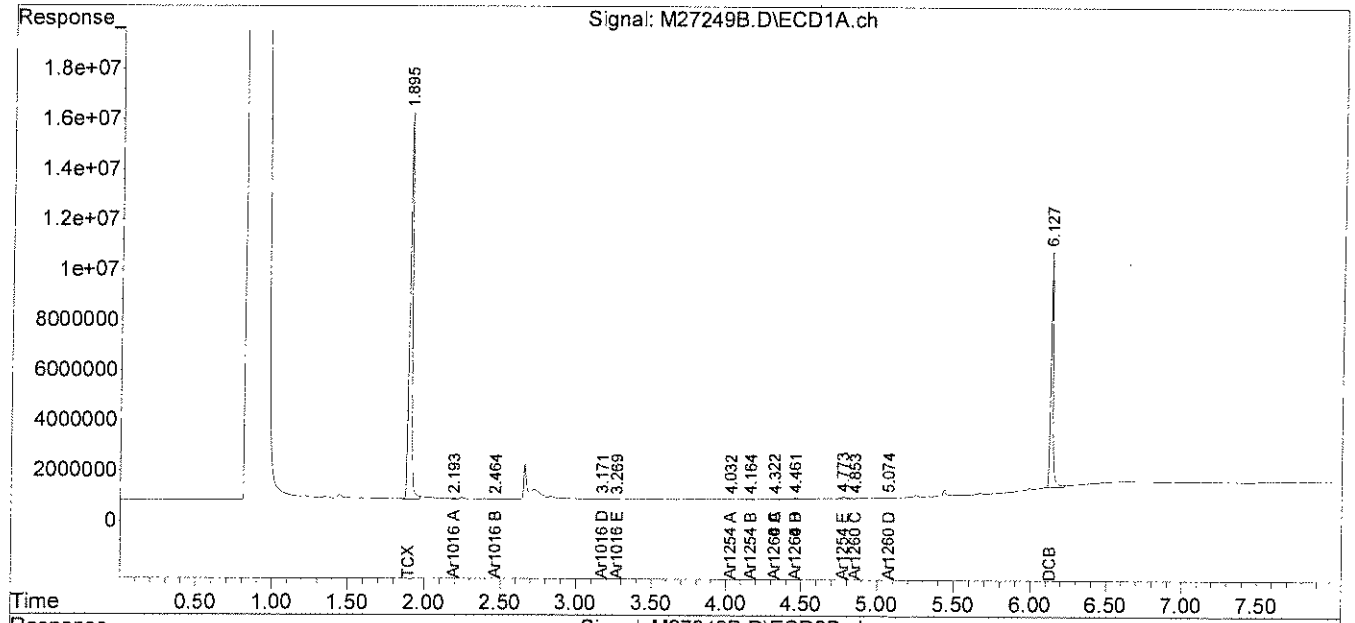
Quantitation Report (QT Reviewed)

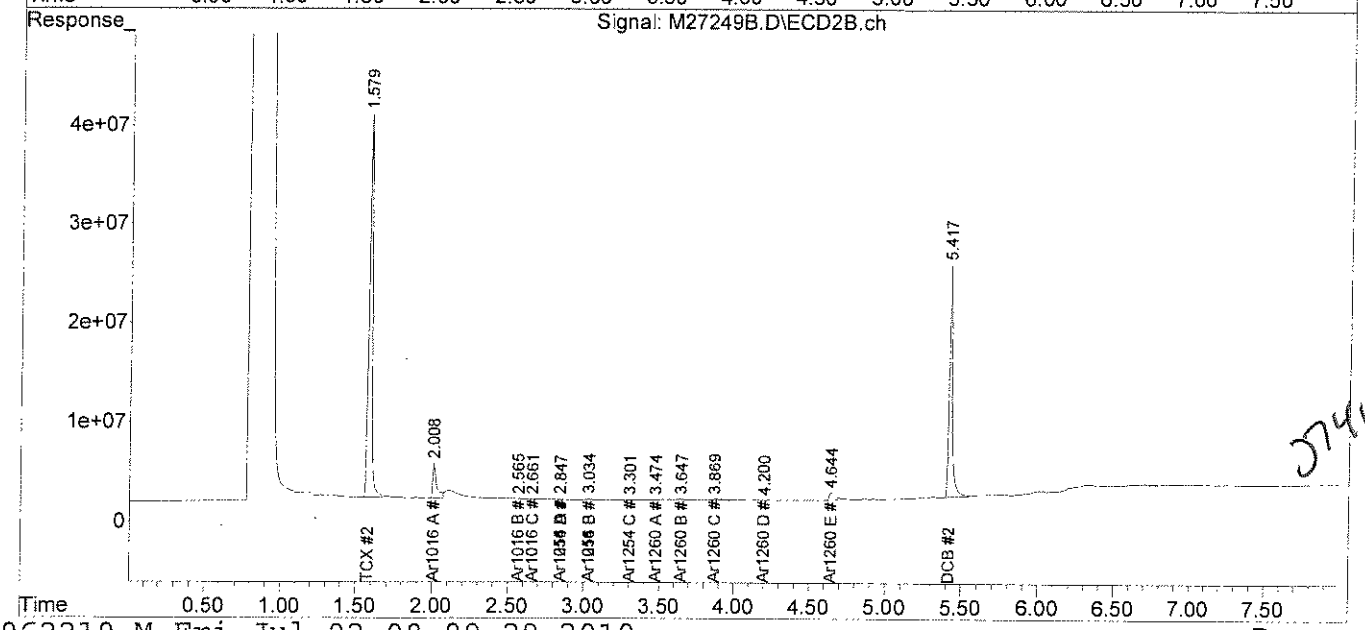
Data Path : C:\msdchem\1\DATA\070110-M\
Data File : M27249B.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Jul 2010 11:22 am
Operator : JK
Sample : B070110PW
Misc :
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 02 08:08:25 2010
Quant Method : C:\msdchem\1\METHODS\PCB062210.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 22 15:04:58 2010
Response via : Initial Calibration
Integrator: ChemStation

07-02-10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





37410

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 6, 2010

SAMPLE DATA

Lab Sample ID: B063010PSOX
Matrix: Soil
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date:
Lab Receipt Date:
Extraction Date: 06/30/10
Analysis Date: 07/01/10

CLIENT SAMPLE ID

Project Name: Amistad Academy
Project Number: 223019
Field Sample ID: Lab QC

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	114	%
Decachlorobiphenyl	62	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB Report

Authorized signature

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 2, 2010

SAMPLE DATA

Lab Sample ID: B063010PSOX
Matrix: Wipe
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date:
Lab Receipt Date:
Extraction Date: 06/30/10
Analysis Date: 07/01/10

CLIENT SAMPLE ID

Project Name: Amistad Academy
Project Number: 223019
Field Sample ID: Lab QC

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/wipe	Results µg/wipe
PCB-1016	0.5	U
PCB-1221	0.5	U
PCB-1232	0.5	U
PCB-1242	0.5	U
PCB-1248	0.5	U
PCB-1254	0.5	U
PCB-1260	0.5	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	114	%
Decachlorobiphenyl	62	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS:

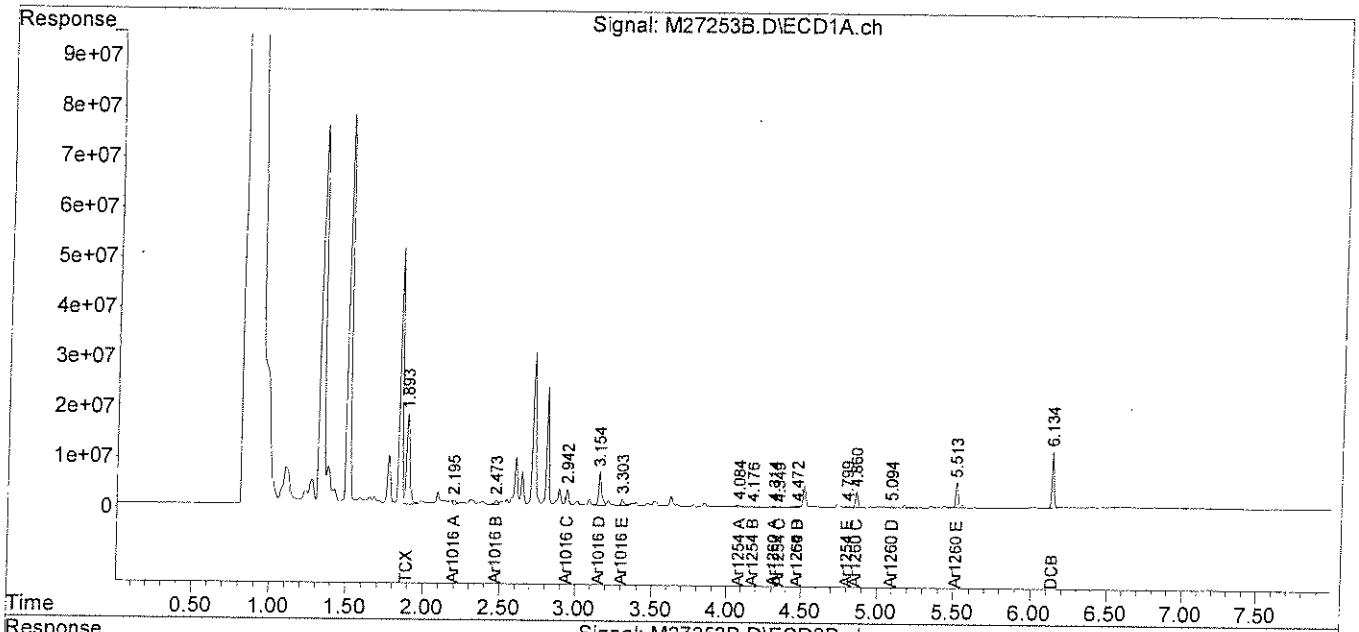
PCB Report

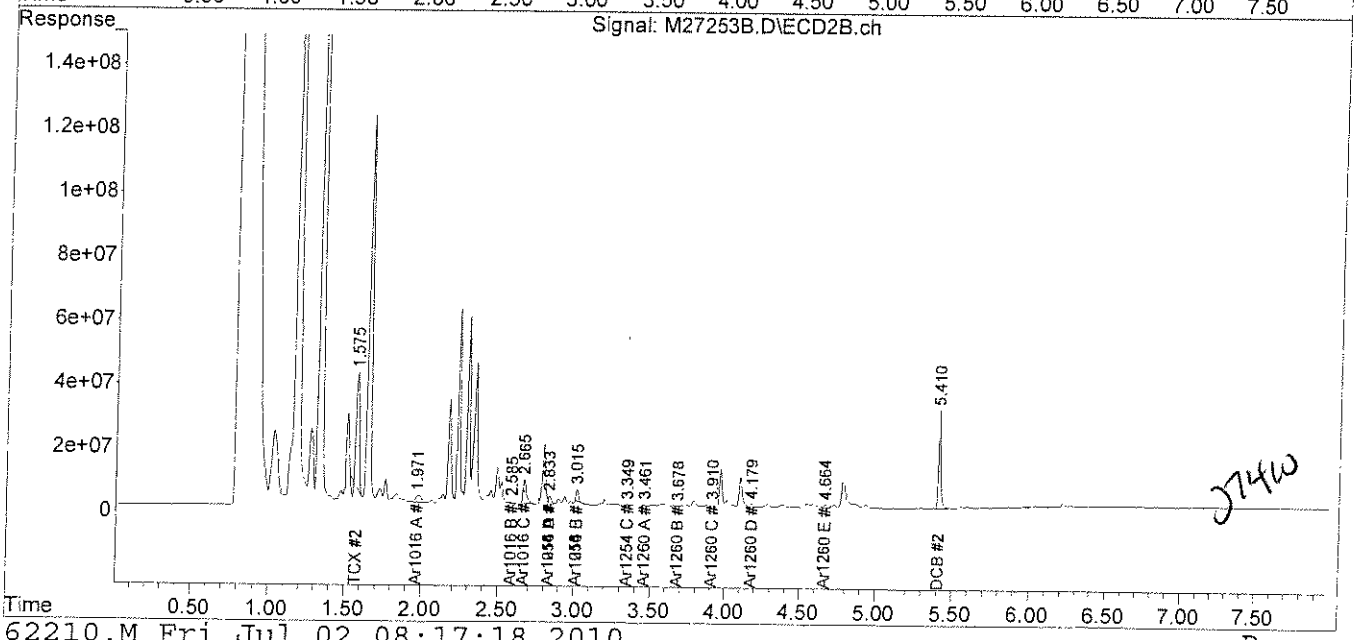
Authorized signature

Data Path : C:\msdchem\1\DATA\070110-M\
Data File : M27253B.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Jul 2010 12:14 pm
Operator : JK
Sample : B063010PSOX,,A/C
Misc : SOIL
ALS Vial : 15 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 02 08:17:09 2010
Quant Method : C:\msdchem\1\METHODS\PCB062210.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 22 14:51:48 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 2, 2010

SAMPLE DATA

Lab Sample ID:	67115-1
Matrix:	Aqueous
Percent Solid:	N/A
Dilution Factor:	1.0
Collection Date:	06/29/10
Lab Receipt Date:	06/30/10
Extraction Date:	07/01/10
Analysis Date:	07/01/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VBS-Q-127

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/L	Results µg/L
PCB-1016	0.2	U
PCB-1221	0.2	U
PCB-1232	0.2	U
PCB-1242	0.2	U
PCB-1248	0.2	U
PCB-1254	0.2	U
PCB-1260	0.2	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	101	%
Decachlorobiphenyl	63	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS:

PCB Report

Authorized signature

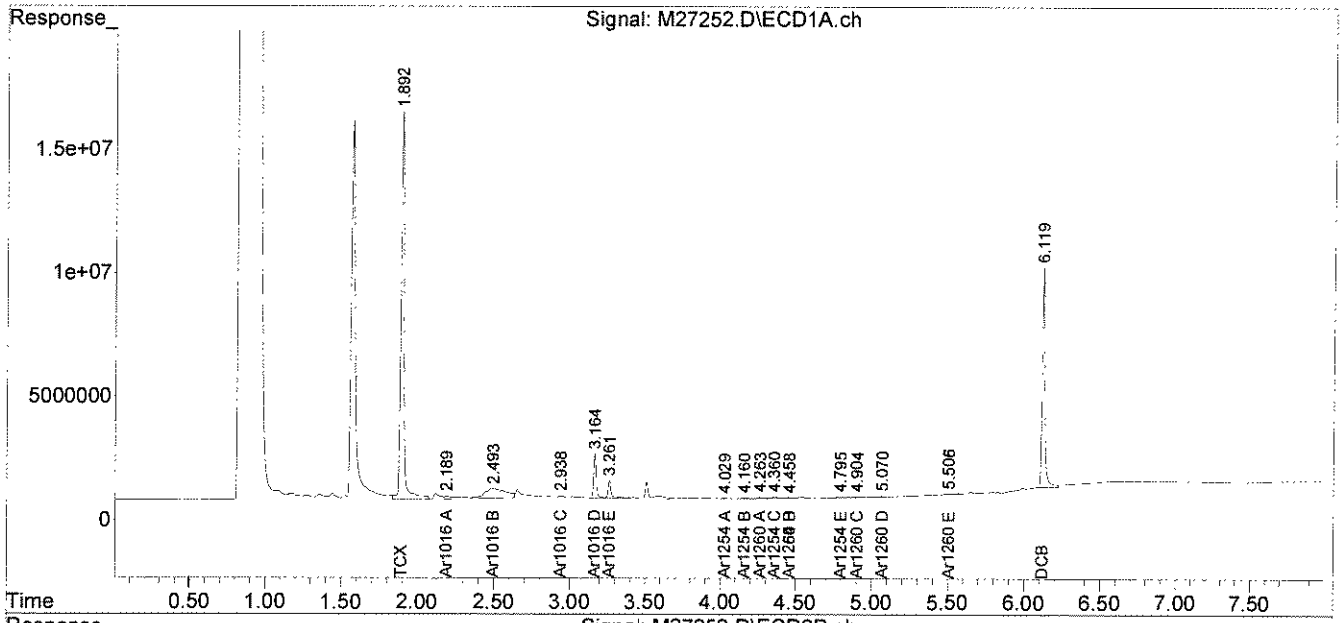
Quantitation Report (QT Reviewed)

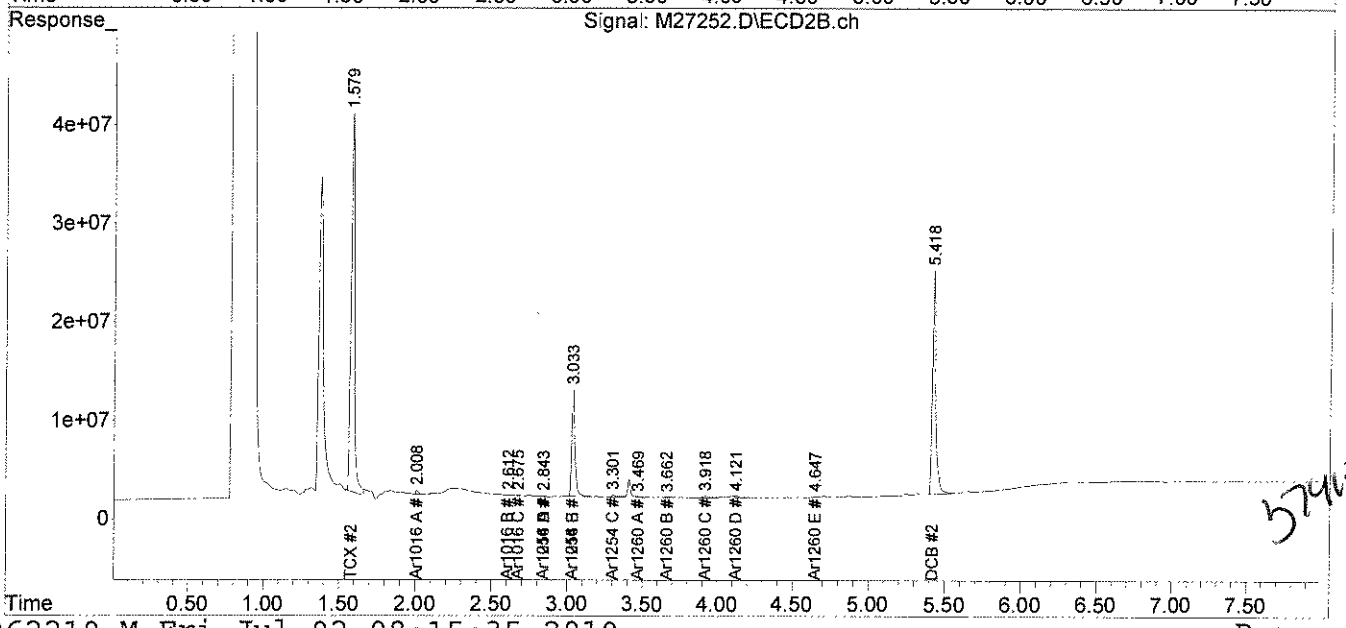
Data Path : C:\msdchem\1\DATA\070110-M\
Data File : M27252.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Jul 2010 11:53 am
Operator : JK
Sample : 67115-1
Misc :
ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 02 08:08:31 2010
Quant Method : C:\msdchem\1\METHODS\PCB062210.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 22 14:51:48 2010
Response via : Initial Calibration
Integrator: ChemStation

JR 07.02.10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





37%

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 2, 2010

SAMPLE DATA

Lab Sample ID:	67115-2
Matrix:	Wipe
Percent Solid:	N/A
Dilution Factor:	1.0
Collection Date:	06/29/10
Lab Receipt Date:	06/30/10
Extraction Date:	06/30/10
Analysis Date:	07/01/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VWP-128

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/wipe	Results µg/wipe
PCB-1016	0.5	U
PCB-1221	0.5	U
PCB-1232	0.5	U
PCB-1242	0.5	U
PCB-1248	0.5	U
PCB-1254	0.5	U
PCB-1260	0.5	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	103	%
Decachlorobiphenyl	60	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS:

PCB Report

Authorized signature

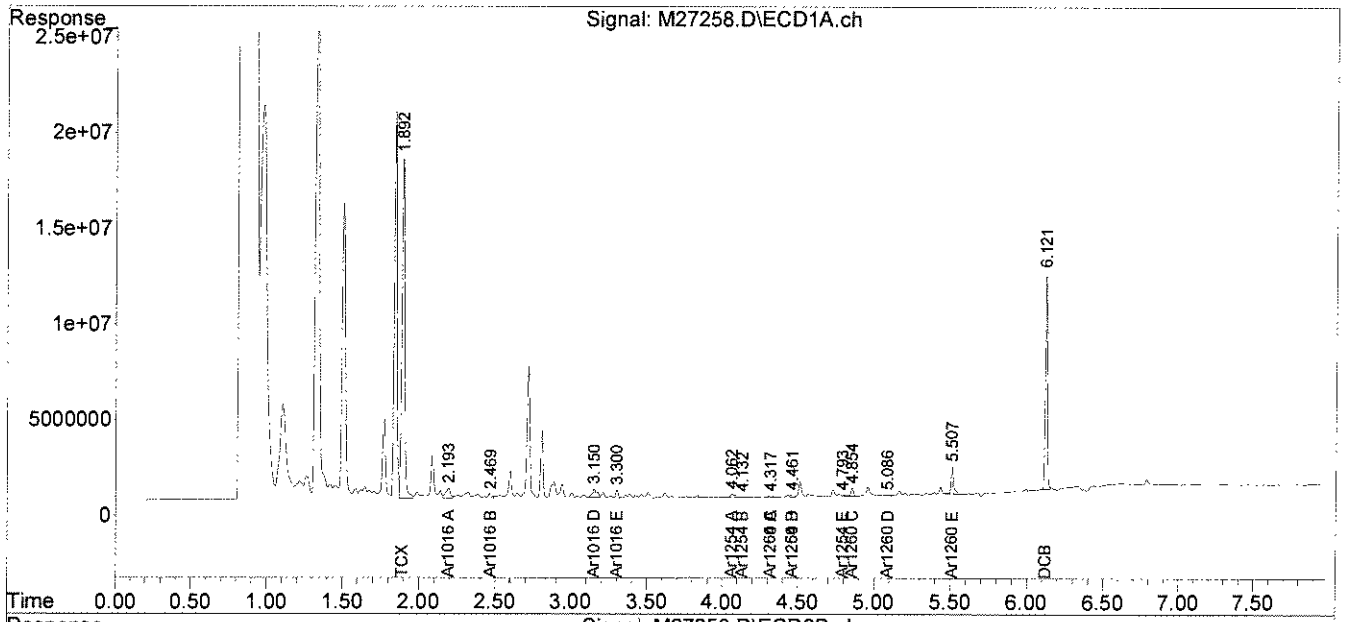
Quantitation Report (QT Reviewed)

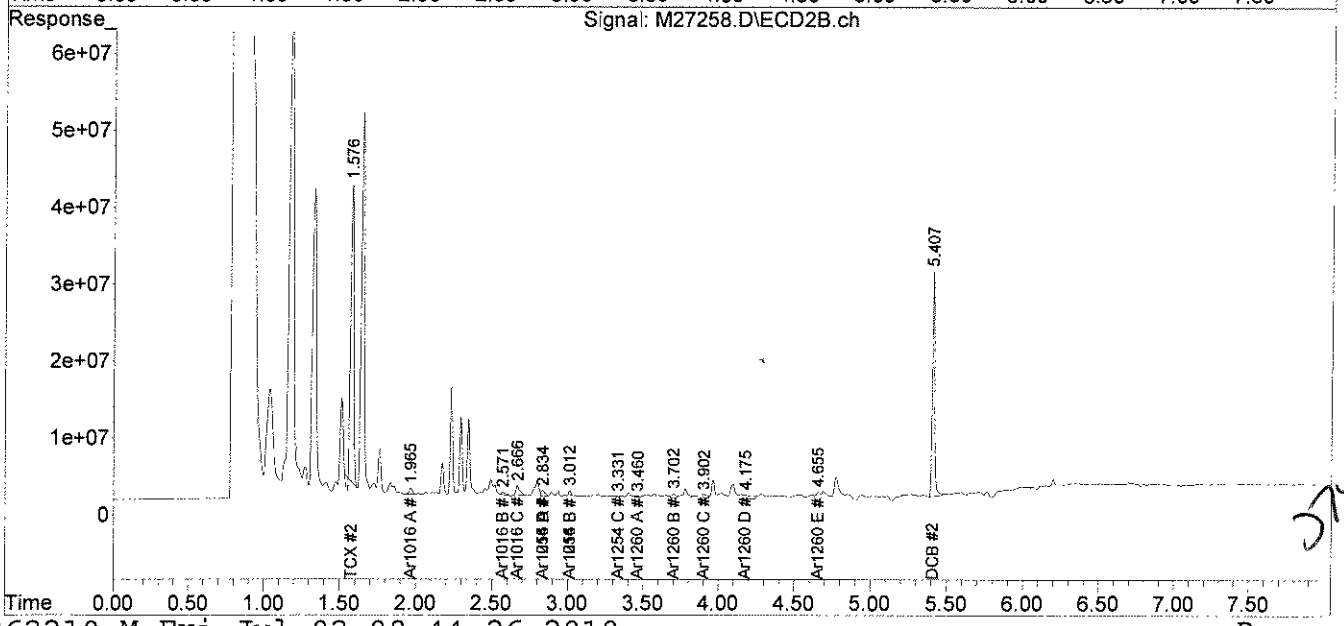
Data Path : C:\msdchem\1\DATA\070110-M\
Data File : M27258.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Jul 2010 1:09 pm
Operator : JK
Sample : 67115-2,,A/C
Misc : SOIL
ALS Vial : 20 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 02 08:44:20 2010
Quant Method : C:\msdchem\1\METHODS\PCB062210.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 22 14:51:48 2010
Response via : Initial Calibration
Integrator: ChemStation

JL 07-02-10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





37440

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 2, 2010

SAMPLE DATA

Lab Sample ID:	67115-3
Matrix:	Wipe
Percent Solid:	N/A
Dilution Factor:	1.0
Collection Date:	06/29/10
Lab Receipt Date:	06/30/10
Extraction Date:	06/30/10
Analysis Date:	07/01/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VWP-129

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/wipe	Results µg/wipe
PCB-1016	0.5	U
PCB-1221	0.5	U
PCB-1232	0.5	U
PCB-1242	0.5	U
PCB-1248	0.5	U
PCB-1254	0.5	**1.3**
PCB-1260	0.5	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	102	%
Decachlorobiphenyl	61	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS:

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67115
Sample: 67115-3,,A/C
Data File: M27259.D
Dilution Factor: 1.0

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/wipe)	SAMPLE RESULT (ug/wipe)	RPD	#
PCB 1254	1.26	1.22	3.5	

Column to be used to flag RPD values greater than QC limit of 40%
* Values outside QC limits

Comments: _____

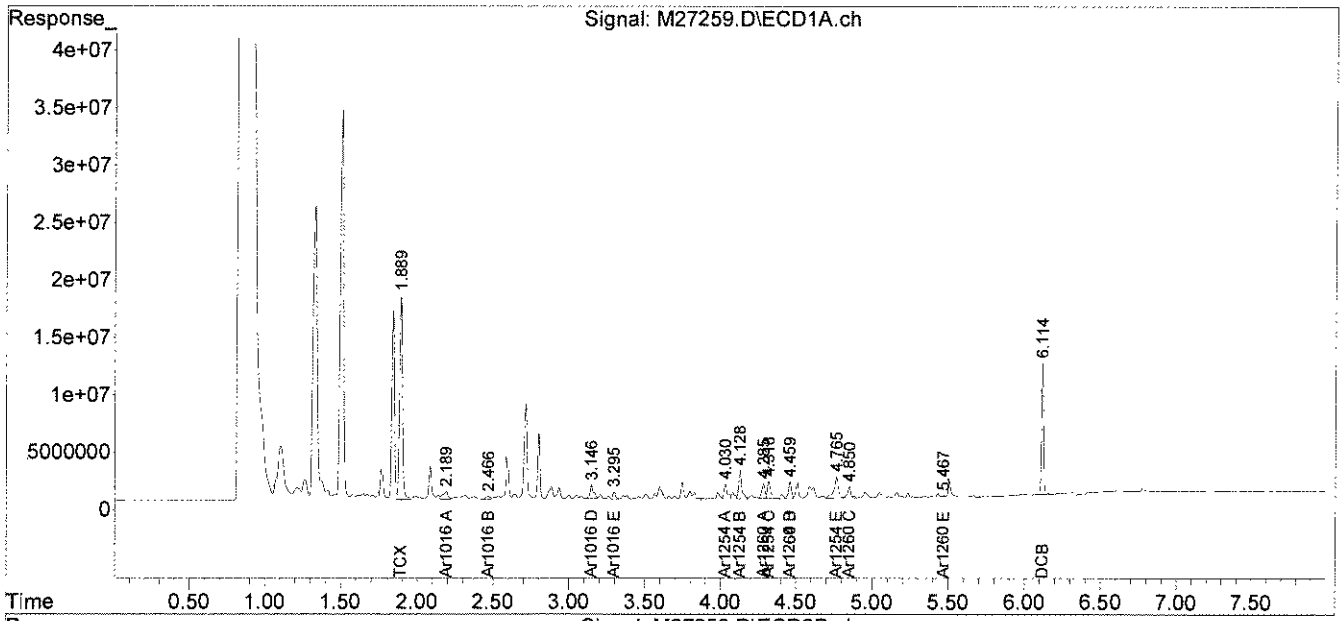
PCB FORM 10

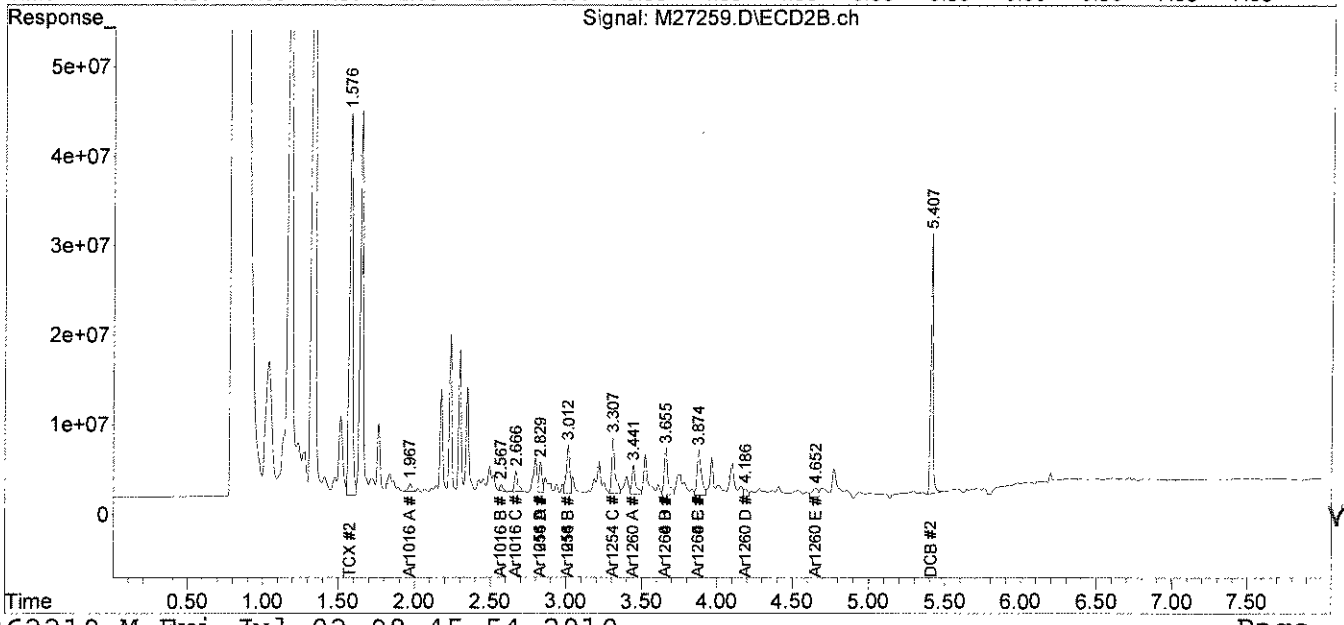
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\070110-M\
Data File : M27259.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Jul 2010 1:19 pm
Operator : JK
Sample : 67115-3,,A/C
Misc : SOIL
ALS Vial : 21 Sample Multiplier: 1

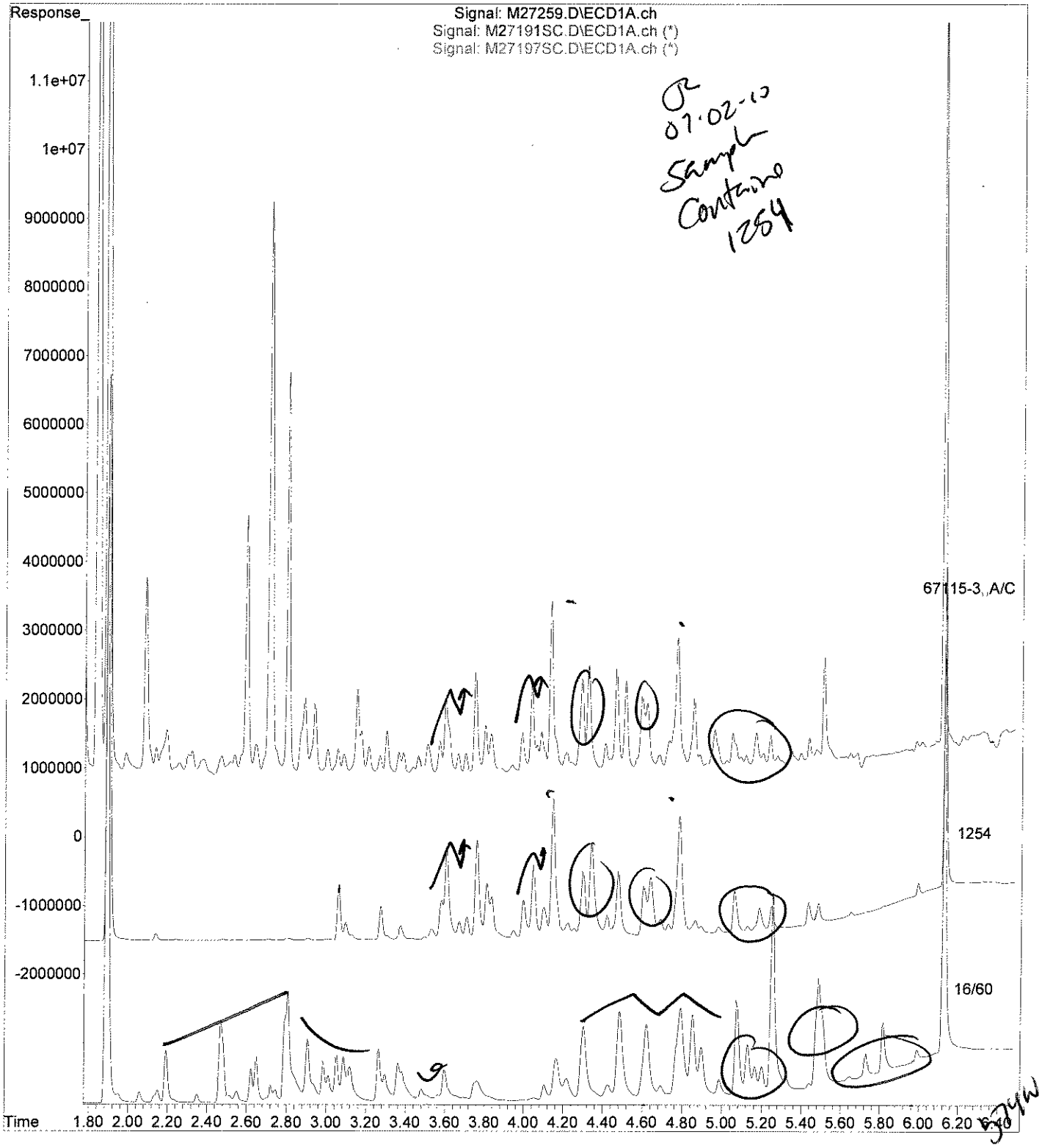
Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 02 08:45:48 2010
Quant Method : C:\msdchem\1\METHODS\PCB062210.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 22 14:51:48 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





File :C:\msdchem\1\DATA\070110-M\M27259.D
Operator : JK
Acquired : 1 Jul 2010 1:19 pm using AcqMethod PEST.M
Instrument : Instrument M
Sample Name: 67115-3,,A/C
Misc Info : SOIL
Vial Number: 21



analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 2, 2010

SAMPLE DATA

Lab Sample ID:	67115-4
Matrix:	Wipe
Percent Solid:	N/A
Dilution Factor:	1.0
Collection Date:	06/29/10
Lab Receipt Date:	06/30/10
Extraction Date:	06/30/10
Analysis Date:	07/01/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VWP-130

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit μg/wipe	Results μg/wipe
PCB-1016	0.5	U
PCB-1221	0.5	U
PCB-1232	0.5	U
PCB-1242	0.5	U
PCB-1248	0.5	U
PCB-1254	0.5	U
PCB-1260	0.5	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	99	%
Decachlorobiphenyl	59	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS:

PCB Report

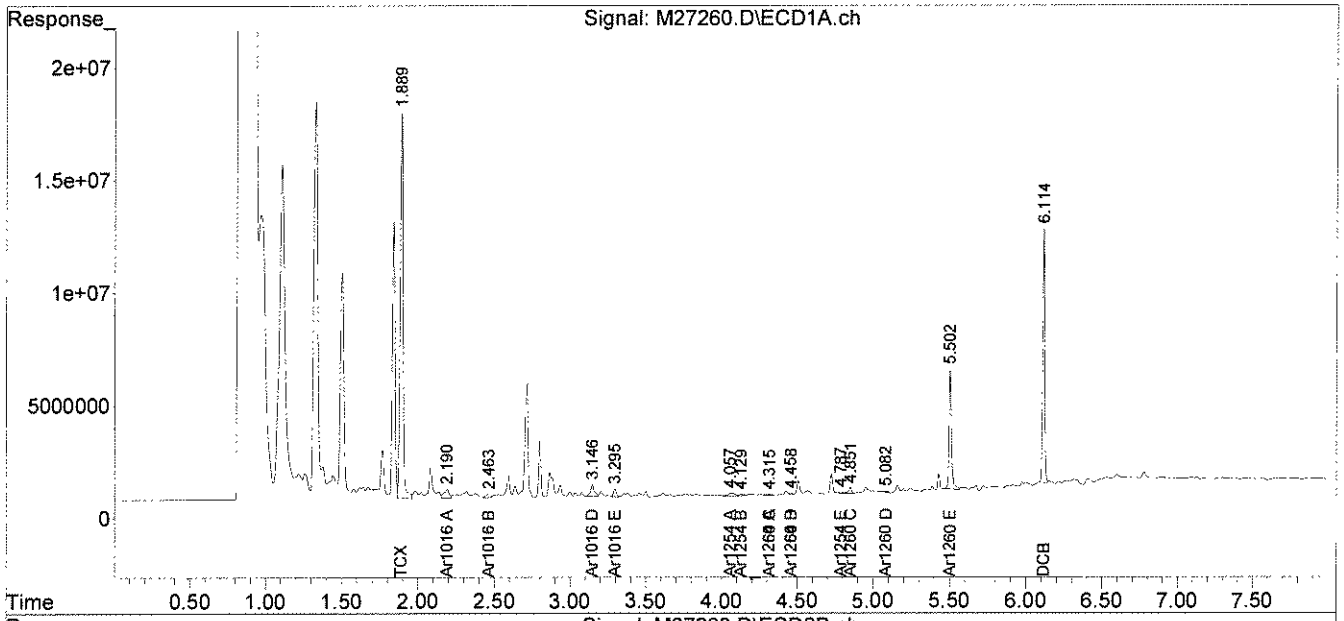
Authorized signature

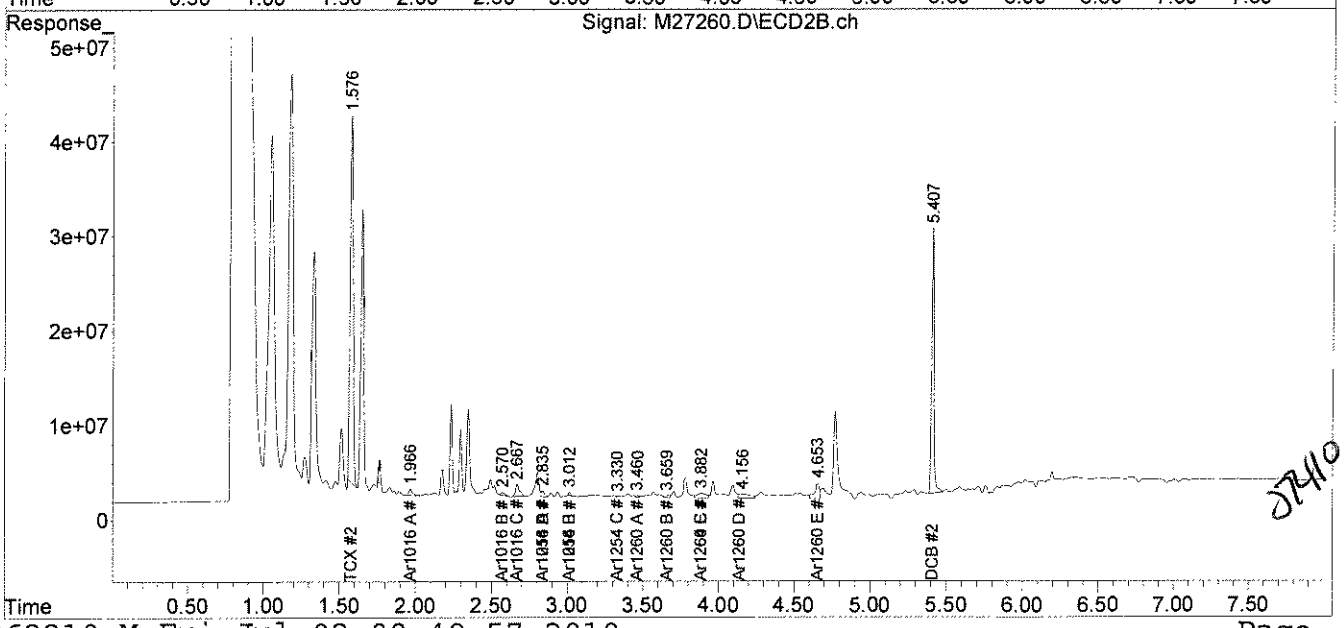
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\070110-M\
Data File : M27260.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Jul 2010 1:29 pm
Operator : JK
Sample : 67115-4,,A/C
Misc : SOIL
ALS Vial : 22 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 02 08:49:49 2010
Quant Method : C:\msdchem\1\METHODS\PCB062210.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 22 14:51:48 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 2, 2010

SAMPLE DATA

Lab Sample ID:	67115-5
Matrix:	Solid
Percent Solid:	94
Dilution Factor:	1.0
Collection Date:	06/29/10
Lab Receipt Date:	06/30/10
Extraction Date:	06/30/10
Analysis Date:	07/01/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-131

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	**44**
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	98	%
Decachlorobiphenyl	63	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67115
Sample: 67115-5,,A/C
Data File: M27261.D
Dilution Factor: 1.0

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	44	33	30.1	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

PCB FORM 10

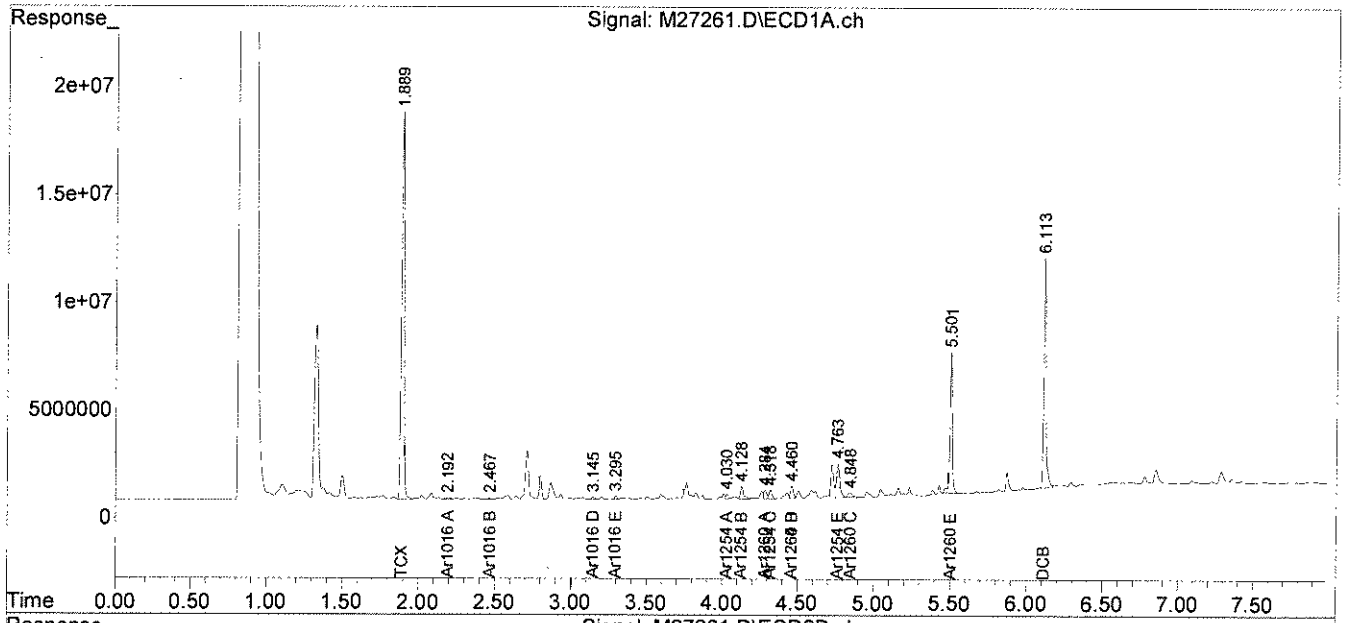
Quantitation Report (QT Reviewed)

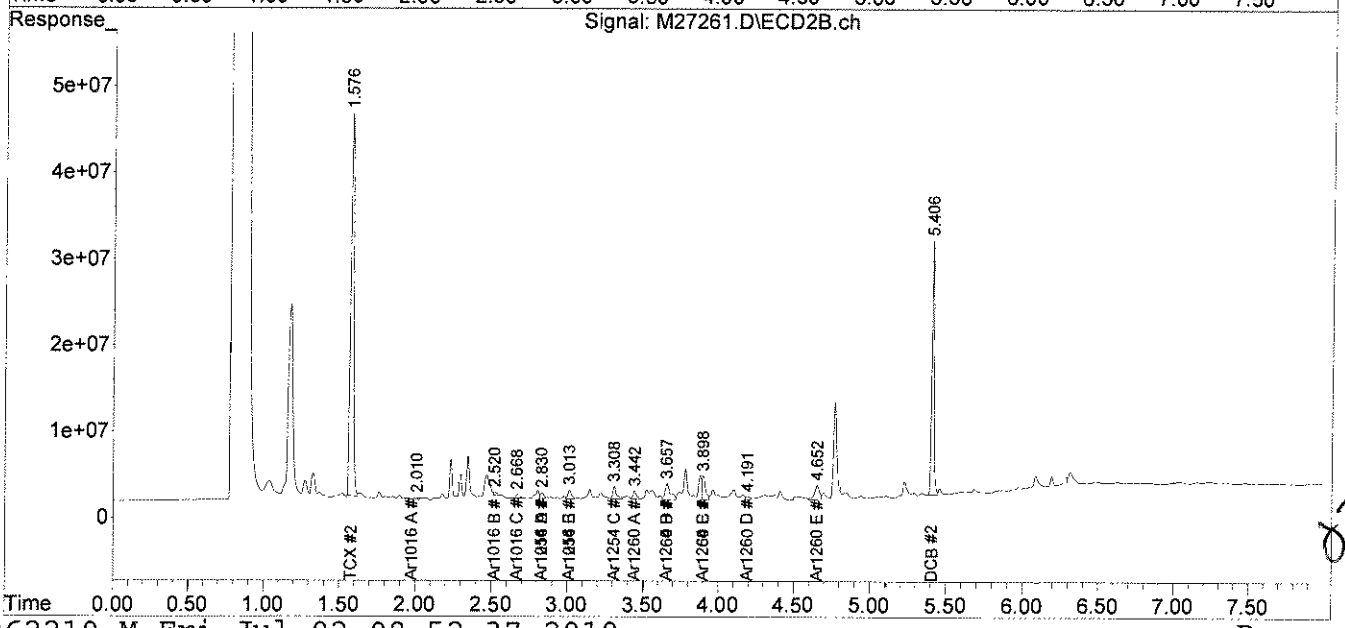
Data Path : C:\msdchem\1\DATA\070110-M\
Data File : M27261.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Jul 2010 1:40 pm
Operator : JK
Sample : 67115-5,,A/C
Misc : SOIL
ALS Vial : 23 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 02 08:52:31 2010
Quant Method : C:\msdchem\1\METHODS\PCB062210.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 22 14:51:48 2010
Response via : Initial Calibration
Integrator: ChemStation

JL 07.02.10

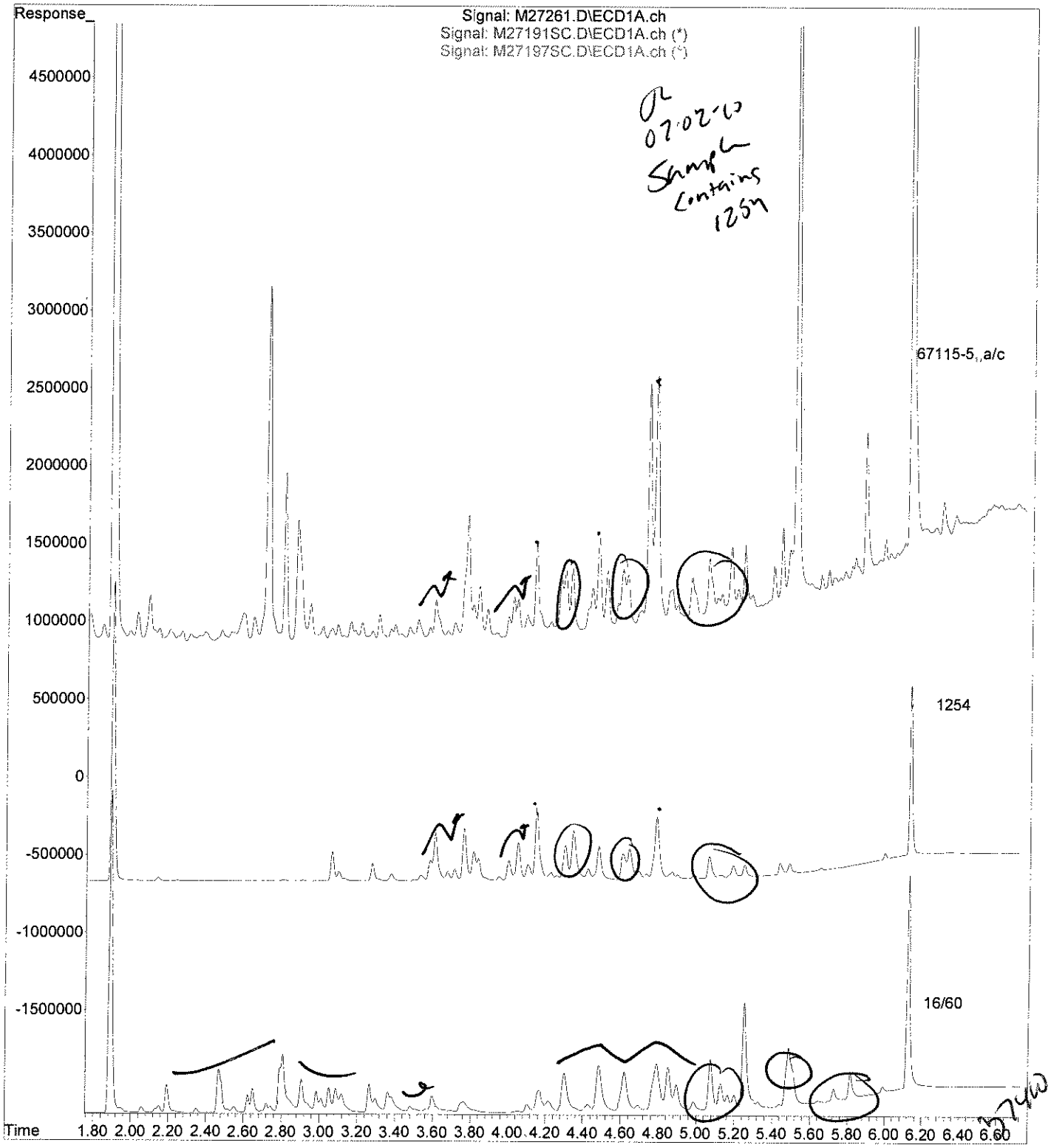
Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





JL 7/6/10

File :C:\msdchem\1\DATA\070110-M\M27261.D
Operator : JK
Acquired : 1 Jul 2010 1:40 pm using AcqMethod PEST.M
Instrument : Instrument M
Sample Name: 67115-5,,A/C
Misc Info : SOIL
Vial Number: 23



analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 2, 2010

SAMPLE DATA

Lab Sample ID:	67115-6
Matrix:	Solid
Percent Solid:	93
Dilution Factor:	1.0
Collection Date:	06/29/10
Lab Receipt Date:	06/30/10
Extraction Date:	06/30/10
Analysis Date:	07/01/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-132

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	**44**
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	95	%
Decachlorobiphenyl	59	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67115
Sample: 67115-6,,A/C
Data File: M27264.D
Dilution Factor: 1.0

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	44	41	6.4	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

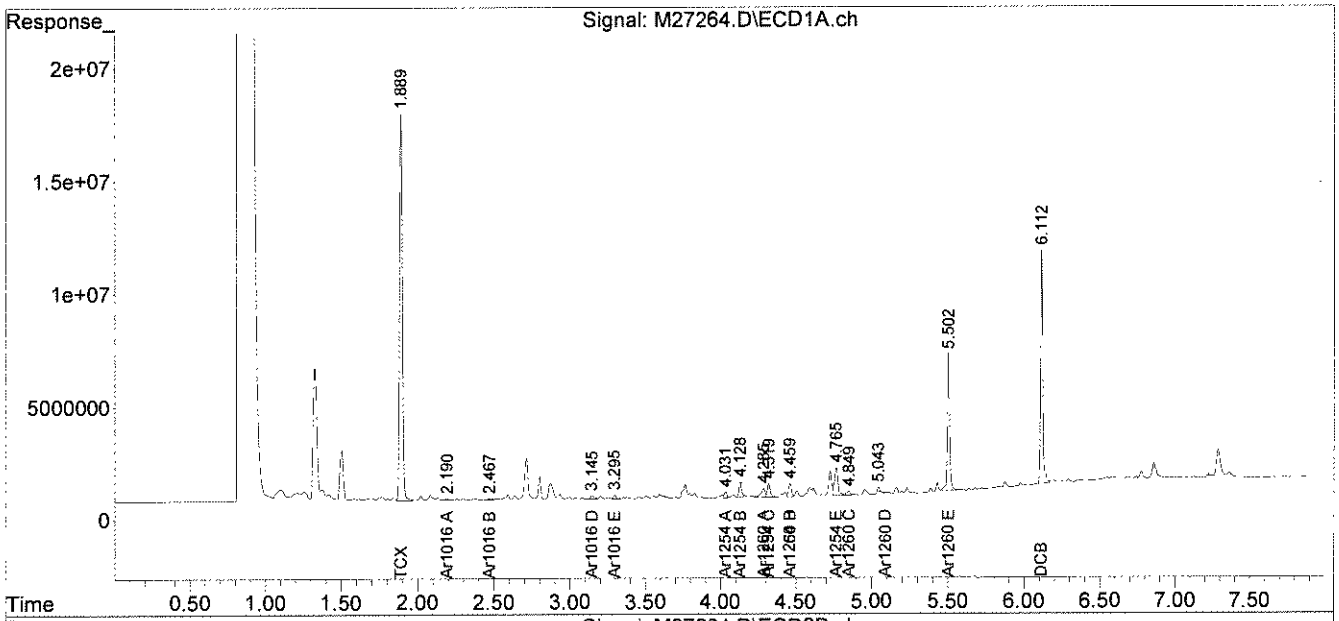
PCB FORM 10

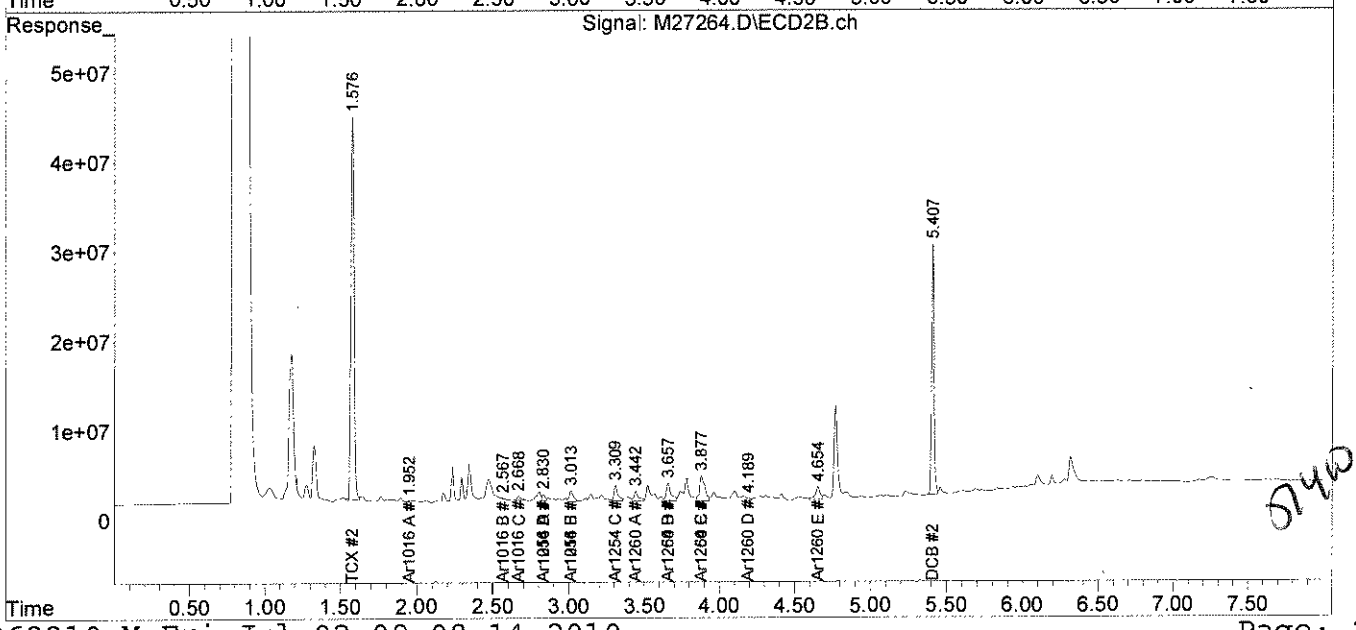
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\070110-M\
Data File : M27264.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Jul 2010 2:10 pm
Operator : JK
Sample : 67115-6,,A/C
Misc : SOIL
ALS Vial : 26 Sample Multiplier: 1

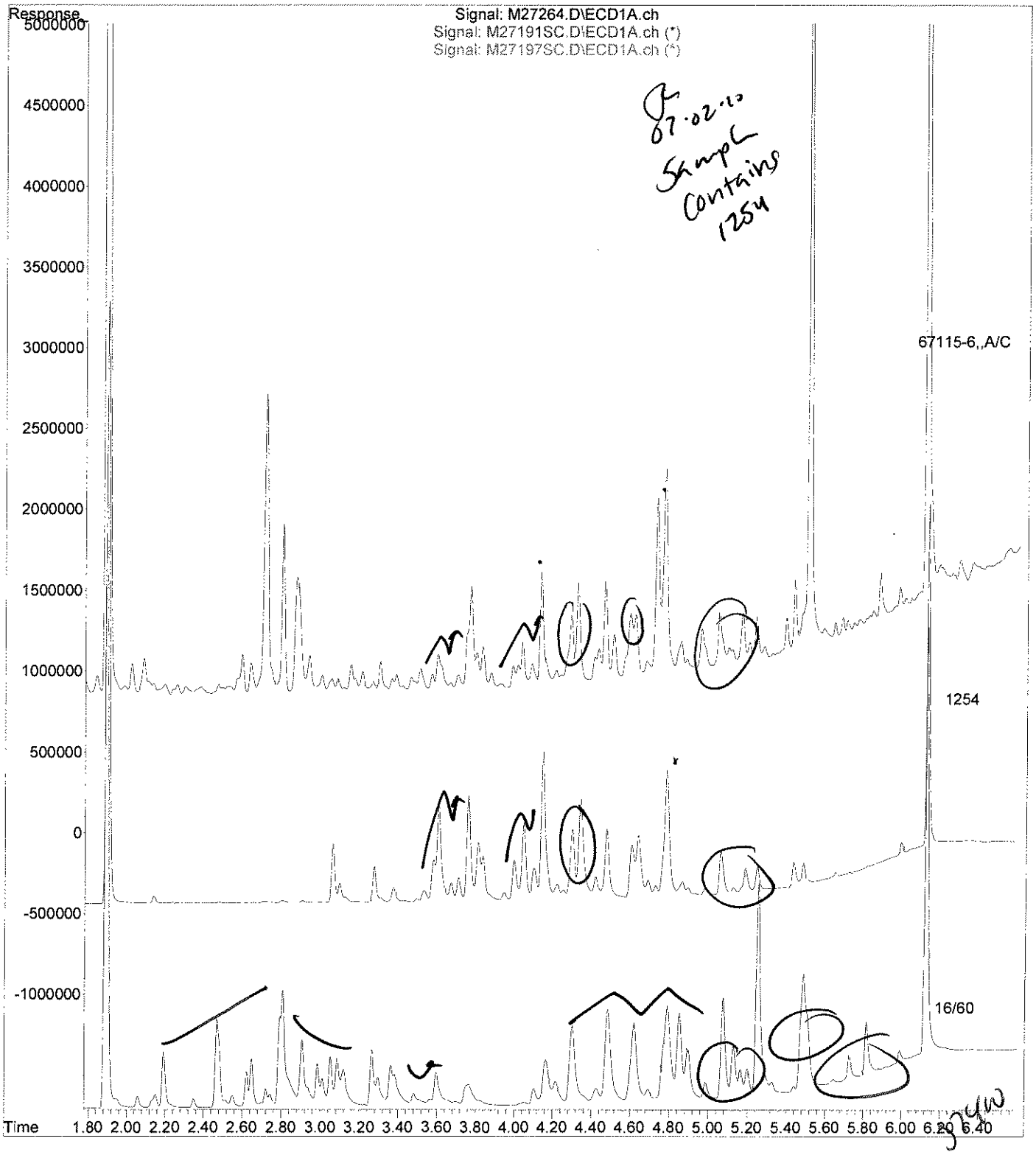
Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 02 09:07:56 2010
Quant Method : C:\msdchem\1\METHODS\PCB062210.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 22 14:51:48 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





File :C:\msdchem\1\DATA\070110-M\M27264.D
Operator : JK
Acquired : 1 Jul 2010 2:10 pm using AcqMethod PEST.M
Instrument : Instrument M
Sample Name: 67115-6,,A/C
Misc Info : SOIL
Vial Number: 26



analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 2, 2010

SAMPLE DATA

Lab Sample ID:	67115-7
Matrix:	Solid
Percent Solid:	94
Dilution Factor:	1.0
Collection Date:	06/29/10
Lab Receipt Date:	06/30/10
Extraction Date:	06/30/10
Analysis Date:	07/01/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-133

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	95	%
Decachlorobiphenyl	59	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB Report

Authorized signature

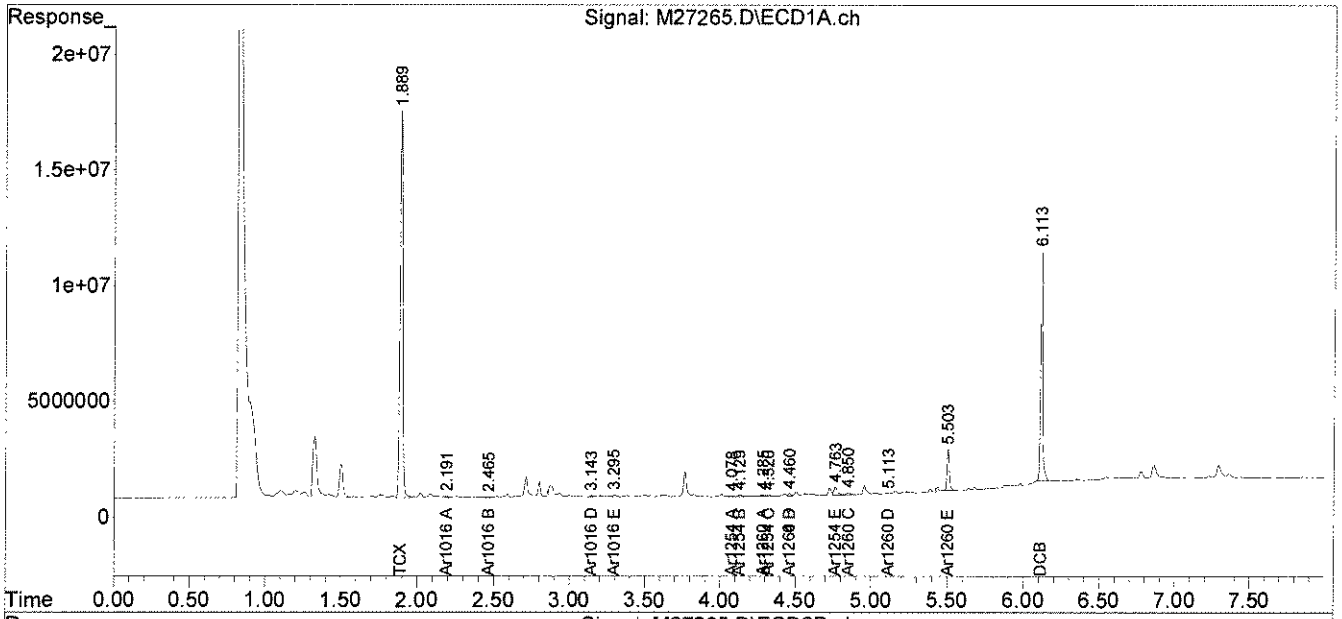
Quantitation Report (QT Reviewed)

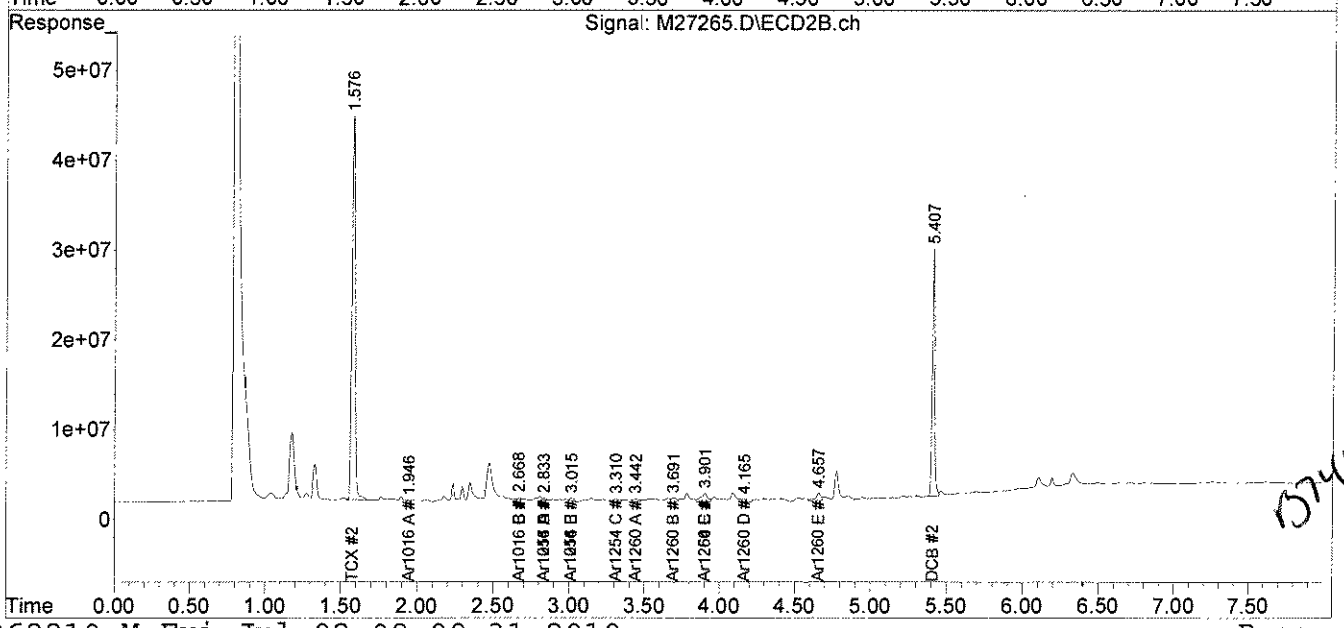
Data Path : C:\msdchem\1\DATA\070110-M\
Data File : M27265.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Jul 2010 2:21 pm
Operator : JK
Sample : 67115-7,,A/C
Misc : SOIL
ALS Vial : 27 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 02 09:09:25 2010
Quant Method : C:\msdchem\1\METHODS\PCB062210.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 22 14:51:48 2010
Response via : Initial Calibration
Integrator: ChemStation

07-02-10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





07-10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 2, 2010

SAMPLE DATA

Lab Sample ID:	67115-8
Matrix:	Solid
Percent Solid:	93
Dilution Factor:	1.0
Collection Date:	06/29/10
Lab Receipt Date:	06/30/10
Extraction Date:	06/30/10
Analysis Date:	07/01/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-134

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	95	%
Decachlorobiphenyl	59	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

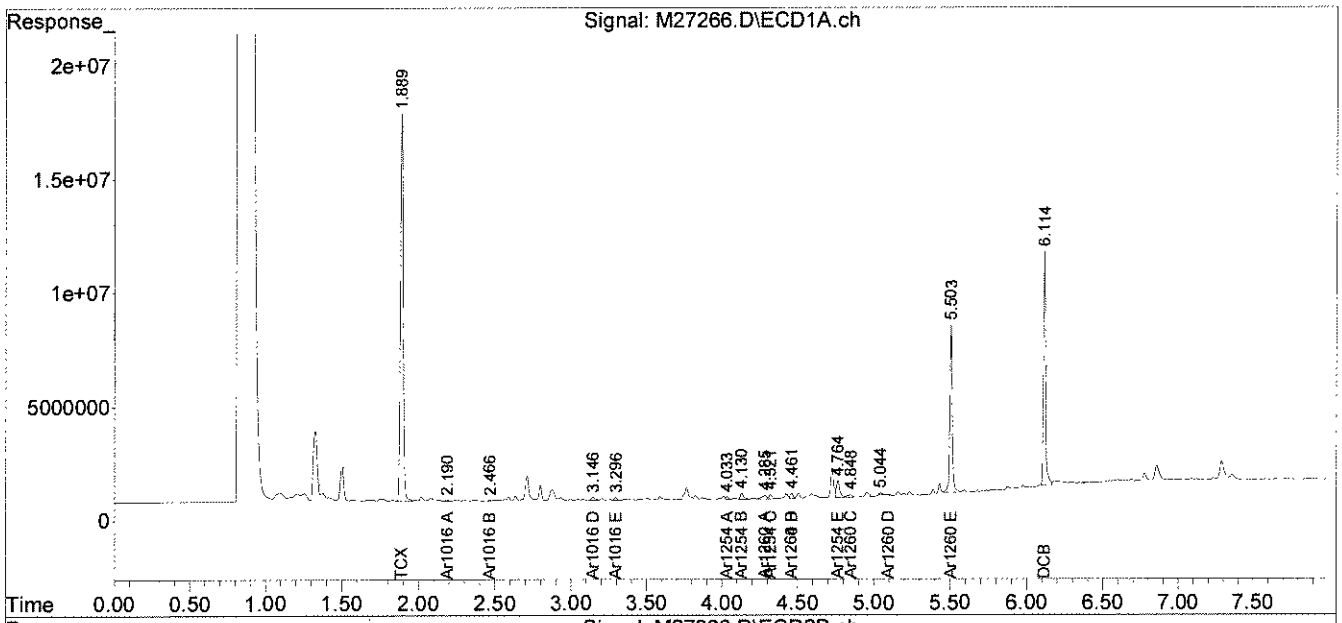
Quantitation Report (QT Reviewed)

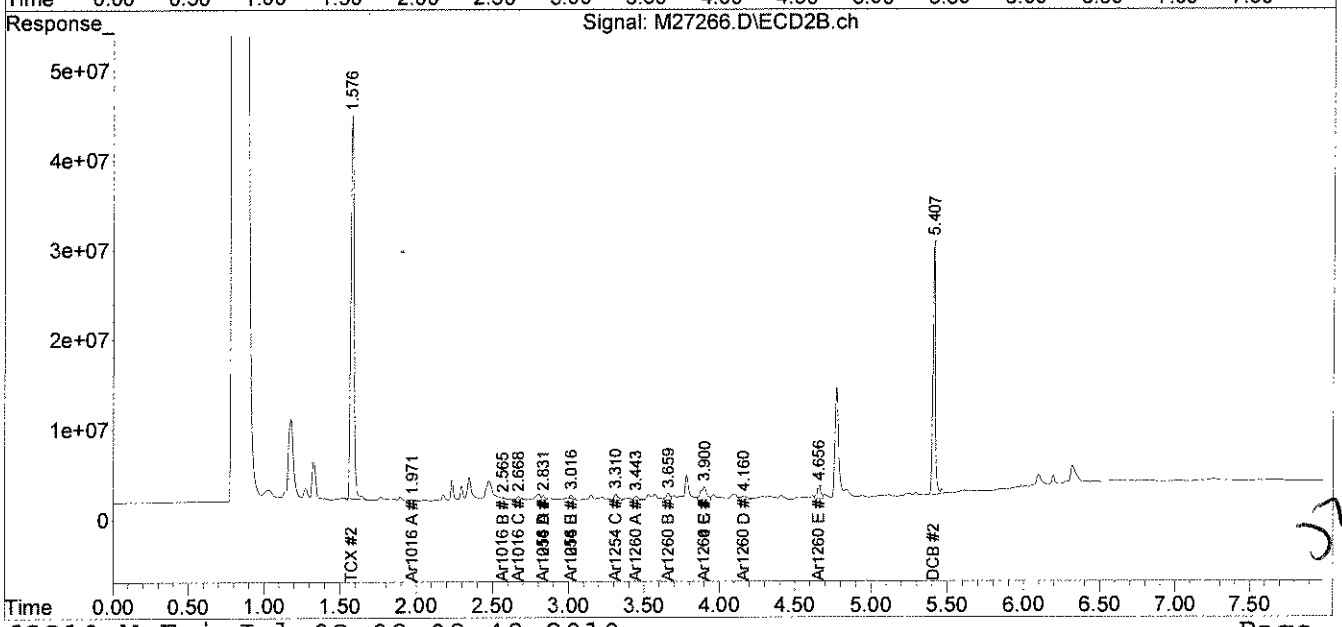
Data Path : C:\msdchem\1\DATA\070110-M\
Data File : M27266.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Jul 2010 2:31 pm
Operator : JK
Sample : 67115-8,,A/C
Misc : SOIL
ALS Vial : 28 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 02 09:09:41 2010
Quant Method : C:\msdchem\1\METHODS\PCB062210.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 22 14:51:48 2010
Response via : Initial Calibration
Integrator: ChemStation

JL 07.02.10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





JJ 7/10

PCB
QC FORMS

AnalyticsLLC:AEL Documents LLC:Pkg Dividers:PCBQC.doc

PCB AQUEOUS
SYSTEM MONITORING COMPOUNDS
SUMMARY

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67115

	Column #1				Column #2			
SAMPLE ID	SMC 1 (%)	#	SMC 2 (%)	#	SMC 1 (%)	#	SMC 2 (%)	#
B070110PW	91		61		92		66	
L070110PWB	90		62		90		68	
LD070110PWB	90		62		89		68	
67115-1	101		63		93		68	

		Lower Limit	Upper Limit
SMC #1 =	TCX	46	122
SMC #2 =	DCB	40	135

\# Column to be used to flag recovery values outside of QC limits
* Values outside QC limits
D System Monitoring Compound diluted out

PCB FORM 2

PCB SOIL
SYSTEM MONITORING COMPOUNDS
SUMMARY

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67115

	Column #1				Column #2			
SAMPLE ID	SMC 1 (%)	#	SMC 2 (%)	#	SMC 1 (%)	#	SMC 2 (%)	#
B063010PSOX,,A/C	114		62		64		68	
L063010PSOX,,A/C	107		63		77		68	
LD063010PSOX,,A/C	111		65		87		67	
L063010PSOXWIPE,,A/	106		64		76		67	
LD063010PSOXWIPE,,/	105		63		79		67	
67115-2,,A/C	103		60		80		60	
67115-3,,A/C	102		61		95		60	
67115-4,,A/C	99		59		81		57	
67115-5,,A/C	98		63		95		59	
67115-5,MS,,A/C	97		60		94		58	
67115-5,MSD,,A/C	96		59		93		58	
67115-6,,A/C	95		59		93		58	
67115-7,,A/C	93		57		95		59	
67115-8,,A/C	94		59		95		59	

		Lower Limit	Upper Limit
SMC #1 =	TCX	40	130
SMC #2 =	DCB	40	130

\# Column to be used to flag recovery values outside of QC limits
* Values outside QC limits
D System Monitoring Compound diluted out

PCB AQUEOUS
LABORATORY CONTROL SAMPLE/DUPLICATE
PERCENT RECOVERY

Instrument ID: M

GC Column #1: STX-CLPesticides 1

Column ID: 0.25 mm

GC Column #2: STX-CLPesticides 11

Column ID: 0.25 mm

SDG: 67115

Non-spiked sample: B070110PW

Spike: L070110PWB

Spike duplicate: LD070110PWB

COMPOUND	LCS SPIKE ADDED (ug/kg)	LCSD SPIKE ADDED (ug/kg)	LOWER LIMIT	UPPER LIMIT	RPD LIMIT	NON-SPIKE RESULT (ug/kg)	SPIKE RESULT (ug/kg)	SPIKE % REC	#	SPIKE DUP RESULT (ug/kg)	SPIKE DUP % REC	#	RPD	#
PCB 1016	2.00	2.00	65	140	30	0	1.80	90		1.88	94		4.4	
PCB 1260	2.00	2.00	60	130	30	0	1.86	93		1.82	91		2.2	
PCB 1016 #2	2.00	2.00	65	140	30	0	1.98	99		1.97	98		0.7	
PCB 1260 #2	2.00	2.00	60	130	30	0	2.12	106		2.06	103		3.1	

Column to be used to flag recovery and RPD values outside of QC limits

* Values outside QC limits

LCS/LCSD spike added values have been weight adjusted.

Non-spike result of "0" used in place of "U" to allow calculation of spike recovery.

Comments: _____

PCB FORM 3

PCB SOIL
LABORATORY CONTROL SAMPLE/DUPLICATE
PERCENT RECOVERY

Instrument ID: M

GC Column #1: STX-CLPesticides I

Column ID: 0.25 mm

GC Column #2: STX-CLPesticides II

Column ID: 0.25 mm

SDG: 67115

Non-spiked sample: B063010PSOX,,A/C

Spike: L063010PSOX,,A/C

Spike duplicate: LD063010PSOX,,A/C

COMPOUND	LCS SPIKE ADDED (ug/kg)	LCSD SPIKE ADDED (ug/kg)	LOWER LIMIT	UPPER LIMIT	RPD LIMIT	NON-SPIKE RESULT (ug/kg)	SPIKE RESULT (ug/kg)	SPIKE % REC	#	SPIKE DUP RESULT (ug/kg)	SPIKE DUP % REC	#	RPD	#
PCB 1016	200	200	65	140	30	0	208	104		234	117		12.0	
PCB 1260	200	200	60	130	30	0	207	104		230	115		10.3	
PCB 1016 #2	200	200	65	140	30	0	272	136		270	135		0.6	
PCB 1260 #2	200	200	60	130	30	0	224	112		215	108		4.0	

Column to be used to flag recovery and RPD values outside of QC limits

* Values outside QC limits

LCS/LCSD spike added values have been weight adjusted.

Non-spike result of "0" used in place of "U" to allow calculation of spike recovery.

Comments: _____

_____

PCB FORM 3

PCB WIPE
LABORATORY CONTROL SAMPLE/DUPLICATE
PERCENT RECOVERY

Instrument ID: M

GC Column #1: STX-CLPesticides I

Column ID: 0.25 mm

GC Column #2: STX-CLPesticides II

Column ID: 0.25 mm

SDG: 67115

Non-spiked sample: B063010PSOX,,A/C

Spike: L063010PSOXWIPE,,A/C

Spike duplicate: LD063010PSOXWIPE,,A

COMPOUND	LCS SPIKE ADDED (ug/wipe)	LCSD SPIKE ADDED (ug/wipe)	LOWER LIMIT	UPPER LIMIT	RPD LIMIT	NON-SPIKE RESULT (ug/wipe)	SPIKE RESULT (ug/wipe)	SPIKE % REC	#	SPIKE DUP RESULT (ug/wipe)	SPIKE DUP % REC	#	RPD	#
PCB 1016	2.00	2.00	65	140	30	0.00	2.03	102		2.34	117		13.9	
PCB 1260	2.00	2.00	60	130	30	0.00	2.28	114		2.26	113		0.6	
PCB 1016 #2	2.00	2.00	65	140	30	0.00	2.80	140		2.24	112		22.2	
PCB 1260 #2	2.00	2.00	60	130	30	0.00	2.34	117		2.18	109		7.2	

Column to be used to flag recovery and RPD values outside of QC limits

* Values outside QC limits

LCS/LCSD spike added values have been weight adjusted.

Non-spike result of "0" used in place of "U" to allow calculation of spike recovery.

Comments: _____

_____

PCB FORM 3

PCB SOIL
MATRIX SPIKE/DUPLICATE
PERCENT RECOVERY

Instrument ID: M

GC Column #1: STX-CLPesticides I

Column ID: 0.25 mm

GC Column #2: STX-CLPesticides II

Column ID: 0.25 mm

SDG: 67115

Non-spiked sample: 67115-5,,A/C

Spike: 67115-5,MS,,A/C

Spike duplicate: 67115-5,MSD,,A/C

COMPOUND	LCS SPIKE ADDED (ug/kg)	LCSD SPIKE ADDED (ug/kg)	LOWER LIMIT	UPPER LIMIT	RPD LIMIT	NON-SPIKE RESULT (ug/kg)	SPIKE RESULT (ug/kg)	SPIKE % REC	#	SPIKE DUP RESULT (ug/kg)	SPIKE DUP % REC	#	RPD	#
PCB 1016	205	203	65	140	30	0	199	97		195	96		1.0	
PCB 1260	205	203	60	130	30	0	228	111		208	103		7.9	
PCB 1016 #2	205	203	65	140	30	0	284	138		258	127		8.1	
PCB 1260 #2	205	203	60	130	30	0	234	114		224	110		3.5	

Column to be used to flag recovery and RPD values outside of QC limits

* Values outside QC limits

LCS/LCSD spike added values have been weight adjusted.

Non-spike result of "0" used in place of "U" to allow calculation of spike recovery.

Comments: _____

_____

CHAIN OF CUSTODIES

Chain Of Custody Form

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, NH 03801
Phone (603) 436-5111
Fax (603) 430-2151

For Analytics Use Only Rev. 5 06/18/08

Samples were:
1) Shipped or hand-delivered
2) Temp blank °C 3
3) Received in good condition Y or N
4) pH checked by: KAM 6/30/10
5) Labels checked by: CP 6/30/10

Project#: 223019 Proj. Name: AMISTAD ACADEMY
Company: Woodard &Curran
Contact: GEORGE FRANKLIN / JEFF HAMEL
Address: 41 Hutchins Drive
Portland, ME
Phone: (207)774-2112 PO# Quote # WCI03051001
Sampler (Signature): [signature]

Matrix Key:
C = Concrete
WP = Wipe
WW = Wastewater
SW = Surface Water
GW = Groundwater
DW = Drinking Water
S = Soil/Sludge
O = Oil
E = Extract
D=LAB DI
B=brick

Preservation

Container Key
P=plastic G=glass

Station Identification	Sample Date	Sample Time	Analysis	Unpres	4° C	HNO_3	H_2SO_4	HCL	Methanol	Other HEXANE	Matrix	Container number/type		pH	Analytics Sample #
AA-VBS-Q-127	6/29/10	0720	PCB's by U.S. E.P.A. 8082 w/ Soxhlet Extraction		✓						D	1	G	60	67115-1
AA-VWP-128		0730								✓	W	1	G		2
AA-VWP-129		0740								✓	W	1	G		3
AA-VWP-130		0750								✓	W	1	G		4
AA-VSS-131		0920			✓						S	1	G		5
AA-VSS-132		0930			✓						S	1	G		6
AA-VSS-133		0940			✓						S	1	G		7
AA-VSS-134		0950			✓						S	1	G		8

CP 6/30/10

Email Results to: gfranklin@woodardcurran.com jhamel, jream

Turnaround Time (TAT)
- [x] 24hr*
- [ ] 48hr*
- [ ] 72hr*
- [ ] 5 Days*
- [ ] 10 Days

*Fee may apply; lab approval required

Comments / Instructions:
R.L. ≤1.0 mg/kg
* Amber liter samples were negative for Cl when tested with KI paper when recieved. KAM 6/30/10

Project Requirements:
*Fee may apply

Report Type:
- [ ] MCP*
- [x] Level II*
- [ ] CTRCP*
- [ ] Level III*
- [ ] DOD*
- [ ] Level IV*
- [ ] Standard

State:
- [ ] NH
- [ ] MA
- [ ] ME
- [x] CT
- [ ] RI

Other:

State Standard:
(eg. S-1 or GW-1)

EDD Required: Y* N
Type: .xls.

Received By: FedEx
Received By: [signature]
Received By:
Time:
Time: 9:45
Time:
Date: 6/29/10
Date: 6/30/10
Date:
Relinquished By Sampler: [signature]
Relinquished By: FedEx
Relinquished By: KAM 6/30/10

Analytics\AEL Documents\AEL COC

Page 1 of ___

ANALYTICS SAMPLE RECEIPT CHECKLIST

analytics environmental laboratory LLC

AEL LAB#: 67115

CLIENT: Woodard

PROJECT: Amistad Academy

COOLER NUMBER: NA

NUMBER OF COOLERS: 1

DATE RECEIVED: 6-30-10

A: PRELIMINARY EXAMINATION:

DATE COOLER OPENED: 6-30-10

1. Cooler received by(initials): KAM

Date Received: 6-30-10

2. Circle one: Hand delivered (If so, skip 3) Shipped

3. Did cooler come with a shipping slip? Y N

3a. Enter carrier name and airbill number here: FedEx 7988 0460 7842

4. Were custody seals on the outside of cooler? Y N
How many & where: 2 on front Seal Date: NA Seal Name: unable to read name

5. Did the custody seals arrive unbroken and intact upon arrival? Y N

6. COC#: NA

7. Were Custody papers filled out properly (ink,signed, etc)? Y N Missing time sample was relinquished to FedEx

8. Were custody papers sealed in a plastic bag? Y N

9. Did you sign the COC in the appropriate place? Y N

10. Was the project identifiable from the COC papers? Y N

11. Was enough ice used to chill the cooler? Y N Temp. of cooler: 3°C

B. Log-In: Date samples were logged in. 6-30-10 By: KAM

12. Type of packing in cooler(bubble wrap, popcorn) Y N

13. Were all bottles sealed in separate plastic bags? Y N

14. Did all bottles arrive unbroken and were labels in good condition? Y N

15. Were all bottle labels complete(ID,Date,time,etc.) Y N

16. Did all bottle labels agree with custody papers? Y N

17. Were the correct containers used for the tests indicated: - wipes were not prepared by AEL Y N

18. Were samples received at the correct pH? Amber Liter @ 6.0pH Y N

19. Was sufficient amount of sample sent for the tests indicated? Y N

20. Were bubbles absent in VOA samples? Y NA

If NO. List Sample ID's and Lab #s: _____

21. Laboratory labeling verified by (initials): CP Date: 6/30/10

From: Origin ID: BNHA (203) 271-0379
Jesse Ream
WOODARD & CURRAN INC
1520 HIGHLAND AVENUE

CHESHIRE, CT 06410

FedEx Express

Ship Date: 29JUN10
ActWgt: 30.0 LB
CAD: 2185050/INET3060

Delivery Address Bar Code

Ref # 223019.00
Invoice #
PO #
Dept #

SHIP TO: (603) 436-5111 BILL SENDER

Analytics Enviro Labs, LLC
Analytics Enviro Labs, LLC
195 COMMERCE WAY UNIT E

PORTSMOUTH, NH 03801

TRK# 0201 7988 0460 7842

WED - 30 JUN A2
PRIORITY OVERNIGHT

03801
NH-US
MHT

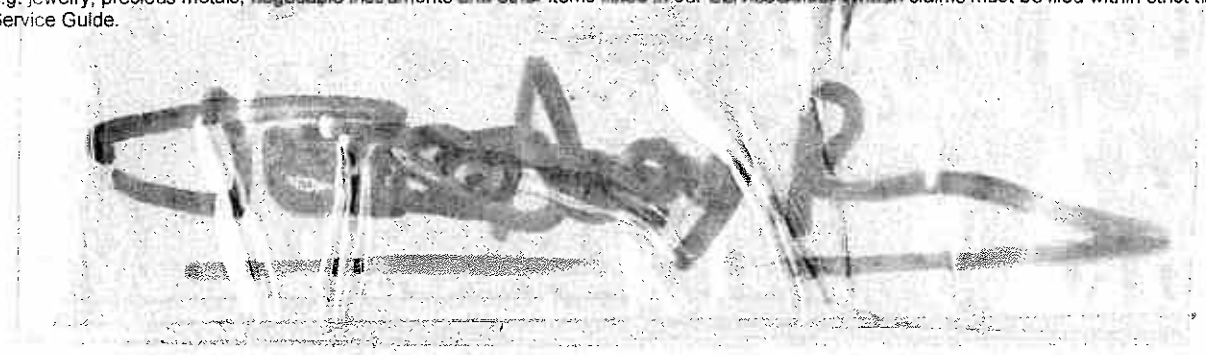
03 IGGA

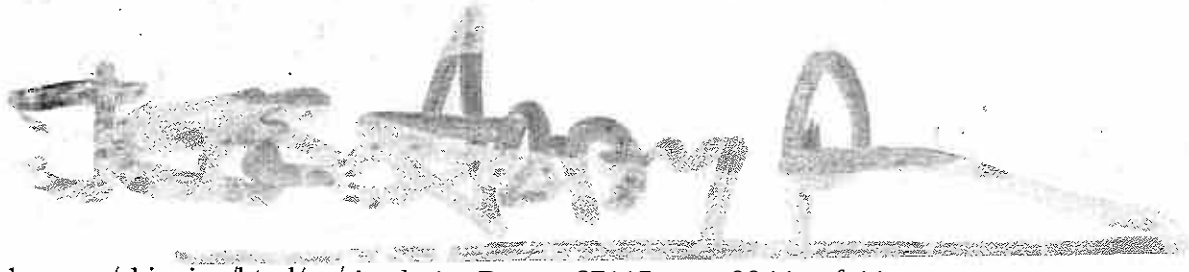
508G1/9887/9A24

After printing this label:
1. Use the 'Print' button on this page to print your label to your laser or inkjet printer.
2. Fold the printed page along the horizontal line.
3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

Warning: Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com.FedEx will not be responsible for any claim in excess of $100 per package, whether the result of loss, damage, delay, non-delivery,misdelivery,or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim.Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic valueof the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental,consequential, or special is limited to the greater of $100 or the authorized declared value. Recovery cannot exceed actual documented loss Maximum for items of extraordinary value is $500, e.g. jewelry, precious metals, negotiable instruments and other items listed in our ServiceGuide. Written claims must be filed within strict time limits, see current FedEx Service Guide.





analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

July 12, 2010

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

RE: Analytical Results Case Narrative
Analytics # 67117
AMISTAD ACADEMY

Dear Mr. Franklin;

Enclosed please find the analytical results for samples submitted for the above-mentioned project. The attached Cover Page lists the sample IDs, Lab tracking numbers and collection dates for the samples included in this deliverable.

Samples were analyzed Polychlorinated Biphenyls (PCBs) by EPA Method 8082.

Unless otherwise noted in the Non-conformance Summary listed below, all of the quality control (QC) criteria including initial calibration, calibration verification, surrogate recovery, holding time and method accuracy/precision for these analyses were within acceptable limits.

This Level II data package has been assembled in the following order:

Case Narrative/Non-Conformance Summary
Sample Log Sheet - Cover Page
PCB Form 1 Data Sheet for Samples and Blanks
Chromatograms
PCB Form 10 Confirmation Results
PCB Form 3 MS/MSD (LCS) Recoveries
Chain of Custody (COC) Forms

QC NON-CONFORMANCE SUMMARY

Sample Receipt:
No exceptions.

PCBs by EPA Method 8082:
No results were reported below the quantitation limit.

If you have any questions on these results, please do not hesitate to contact me.

Sincerely,
ANALYTICS Environmental Laboratory, LLC

Stephen L. Knollmeyer
Laboratory Director

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

Report Number: 67117

Revision: Rev. 0

Re: Amistad Academy (Project No: 223019)

Enclosed are the results of the analyses on your sample(s). Samples were received on 01 July 2010 and analyzed for the tests listed. Samples were received in acceptable condition, with the exceptions noted below or on the chain of custody. These results pertain to samples as received by the laboratory and for the analytical tests requested on the chain of custody. The results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report. Please see individual reports for specific methodologies and references.

Sample Analysis: The attached pages detail the Client Sample IDs, Lab Sample IDs, and Analyses requested

Sample Receipt Exceptions: None

Analytics Environmental Laboratory is certified by the states of New Hampshire, Maine, Massachusetts, Connecticut, Rhode Island, Virginia, Maryland, and is accredited by the Deparment of Defense (DOD) ELAP program. A list of actual certified parameters is available upon request.

If you have any questions on these results, please do not hesitate to contact us.

Authorized signature _____
Stephen L. Knollmeyer Lab. Director

Date 7/12/2010

This report shall not be reproduced, except in full, without the written consent of Analytics Environmental Laboratory, LLC.

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

CLIENT: Woodard & Curran **REPORT NUMBER: 67117** **REV: Rev. 0**

PROJECT: Amistad Academy (Project No: 223019)

Lab Number	Sample Date	Station Location	Analysis	Comments
67117-1	06/30/10	AA-VCC-135	EPA 8082 (PCBs only)	
67117-2	06/30/10	AA-VCC-136	EPA 8082 (PCBs only)	
67117-3	06/30/10	AA-VCC-137	EPA 8082 (PCBs only)	
67117-4	06/30/10	AA-VCC-538	EPA 8082 (PCBs only)	
67117-5	06/30/10	AA-VCC-Q-139	EPA 8082 (PCBs only)	
67117-6	06/30/10	AA-VBS-140	EPA 8082 (PCBs only)	
67117-7	06/30/10	AA-VBS-141	EPA 8082 (PCBs only)	
67117-8	06/30/10	AA-VCC-142	EPA 8082 (PCBs only)	
67117-9	06/30/10	AA-VCC-143	EPA 8082 (PCBs only)	

analytics environmental laboratory LLC

Surrogate Compound Limits

Matrix:	Aqueous	Solid	
Units:	% Recovery	% Recovery	Method
Volatile Organic Compounds - Drinking Water			
1,4-Difluorobenzene	70-130		EPA 524.2
Bromofluorobenzene	70-130		
1,2-Dichlorobenzene-d4	70-130		
Volatile Organic Compounds			
1,2-Dichloroethane-d4	70-120	70-120	EPA 624/8260B
Toluene-d8	85-120	85-120	
Bromofluorobenzene	75-120	75-120	
Semi-Volatile Organic Compounds			
2-Fluorophenol	20-110	35-105	EPA 625/8270C
d5-Phenol	15-110	40-100	
d5-nitrobenzene	40-110	35-100	
2-Fluorobiphenyl	50-110	45-105	
2,4,6-Tribromophenol	40-110	40-125	
d14-p-terphenyl	50-130	30-125	
PAH's by SIM			
d5-nitrobenzene	21-110	35-110	EPA 8270C
2-Fluorobiphenyl	36-121	45-105	
d14-p-terphenyl	33-141	30-125	
Pesticides and PCBs			
2,4,5,6-Tetrachloro-m-xylene (TCX)	46-122	40-130	EPA 608/8082
Decachlorobiphenyl (DCB)	40-135	40-130	
Herbicides			
Dichloroacetic acid (DCAA)	30-150	30-150	
Gasoline Range Organics/TPH Gasoline			
Trifluorotoluene TFT (FID)	60-140	60-140	MEDEP 4217/EPA 8015
Bromofluorobenzene (BFB) (FID)	60-140	60-140	
Trifluorotoluene TFT (PID)	60-140	60-140	
Bromofluorobenzene (BFB) (PID)	60-140	60-140	
Diesel Range Organics/TPH Diesel			
m-terphenyl	60-140	60-140	MEDEP 4125/EPA 8015/CT ETPH
Volatile Petroleum Hydrocarbons			
2,5-Dibromotoluene (PID)	70-130	70-130	MADEP VPH May 2004 Rev1.1
2,5-Dibromotoluene (FID)	70-130	70-130	
Extracatable Petroleum Hydrocarbons			
1-chloro-octadecane (aliphatic)	40-140	40-140	MADEP EPH May 2004 Rev1.1
o-Terphenyl (aromatic)	40-140	40-140	
2-Fluorobiphenyl (Fractionation)	40-140	40-140	
2-Bromonaphthalene (fractionation)	40-140	40-140	

PCB
DATA SUMMARIES

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 8, 2010

SAMPLE DATA

Lab Sample ID:	B070110PW RR
Matrix:	Aqueous
Percent Solid:	N/A
Dilution Factor:	1.0
Collection Date:	
Lab Receipt Date:	
Extraction Date:	07/01/10
Analysis Date:	07/01/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	Lab QC

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/L	Results µg/L
PCB-1016	0.2	U
PCB-1221	0.2	U
PCB-1232	0.2	U
PCB-1242	0.2	U
PCB-1248	0.2	U
PCB-1254	0.2	U
PCB-1260	0.2	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	92	%
Decachlorobiphenyl	61	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS:

PCB Report

Authorized signature

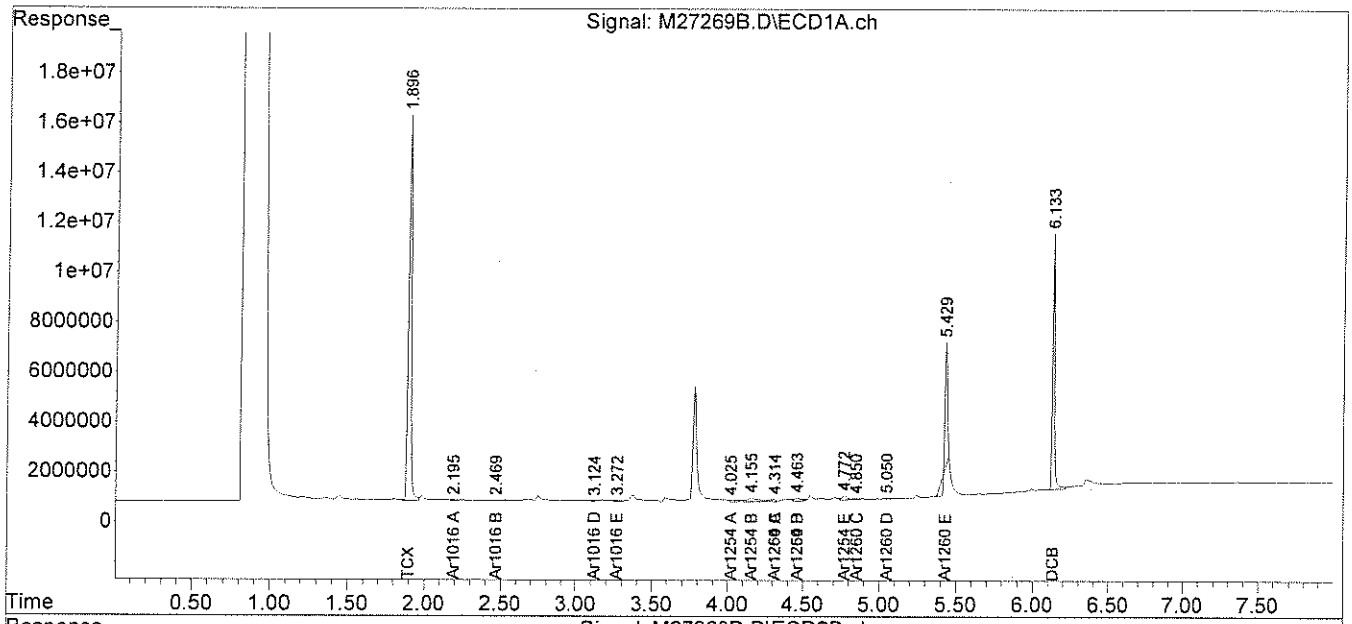
Quantitation Report (QT Reviewed)

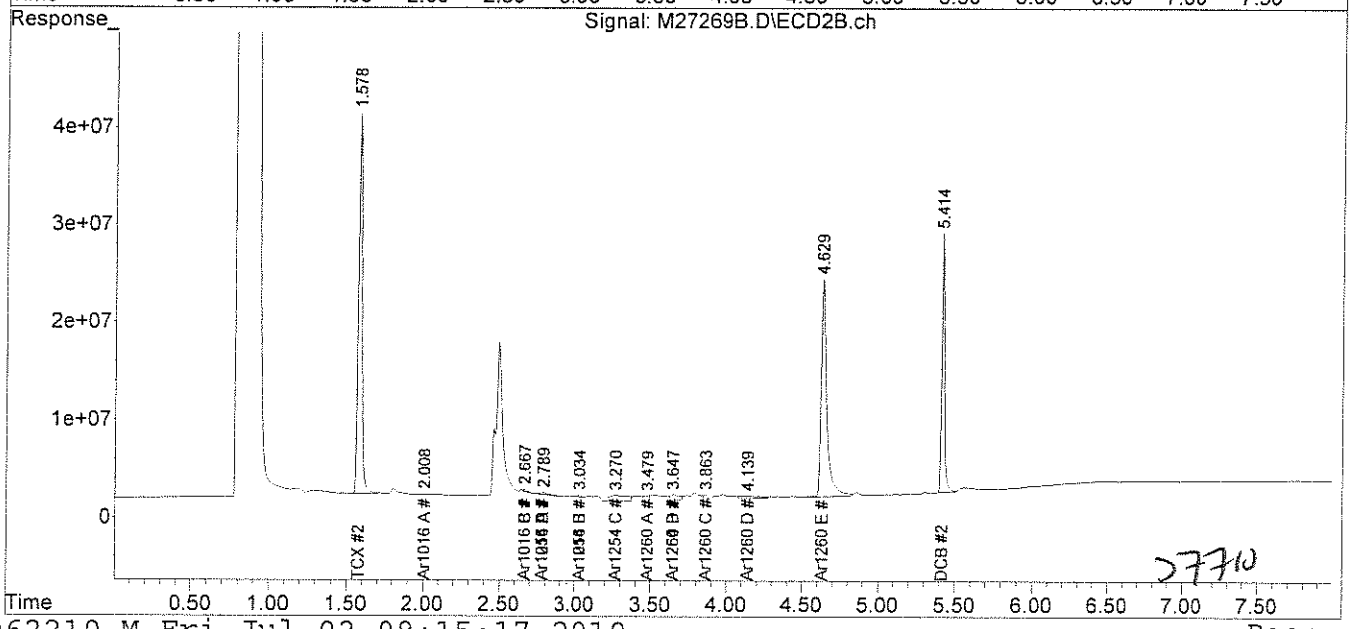
Data Path : C:\msdchem\1\DATA\070110-M\
Data File : M27269B.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Jul 2010 3:22 pm
Operator : JK
Sample : B070110PW,RR,,A/C
Misc :
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 02 09:15:09 2010
Quant Method : C:\msdchem\1\METHODS\PCB062210.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 22 14:51:48 2010
Response via : Initial Calibration
Integrator: ChemStation

JR 07.02.10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





27710

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 8, 2010

SAMPLE DATA

Lab Sample ID: B070110PSOX
Matrix: Soil
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date:
Lab Receipt Date:
Extraction Date: 07/01/10
Analysis Date: 07/02/10

CLIENT SAMPLE ID

Project Name: Amistad Academy
Project Number: 223019
Field Sample ID: Lab QC

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	110	%
Decachlorobiphenyl	80	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB Report

Authorized signature

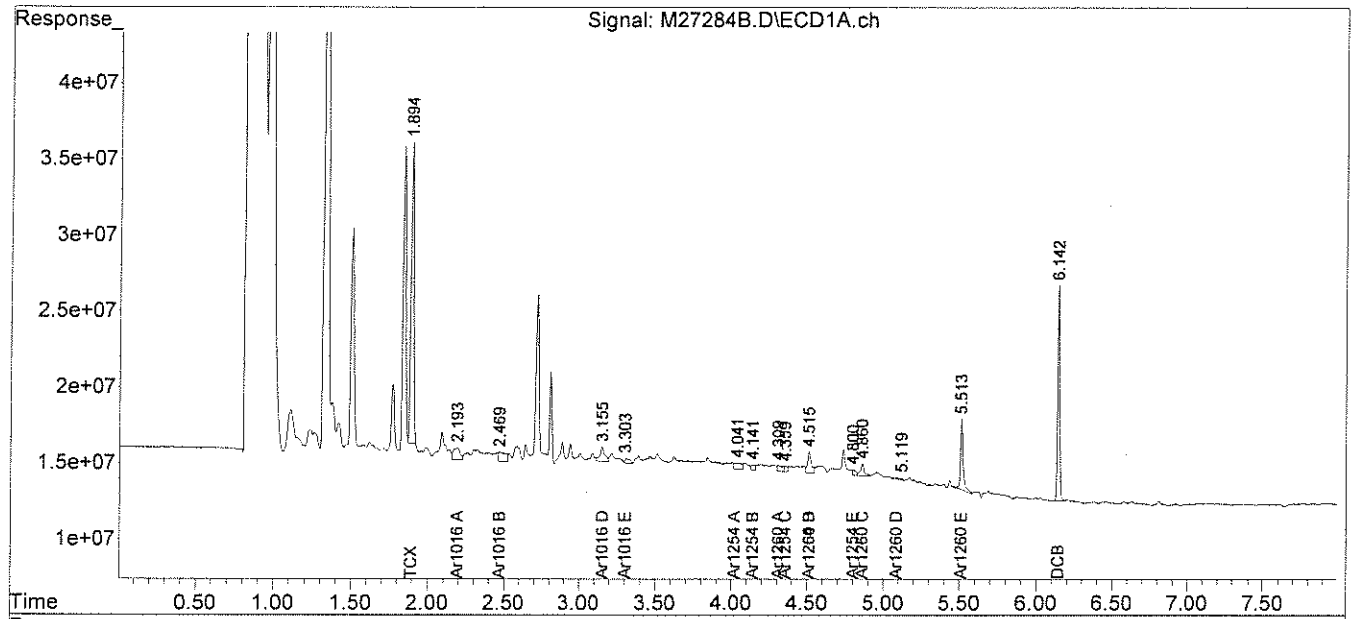
Quantitation Report (QT Reviewed)

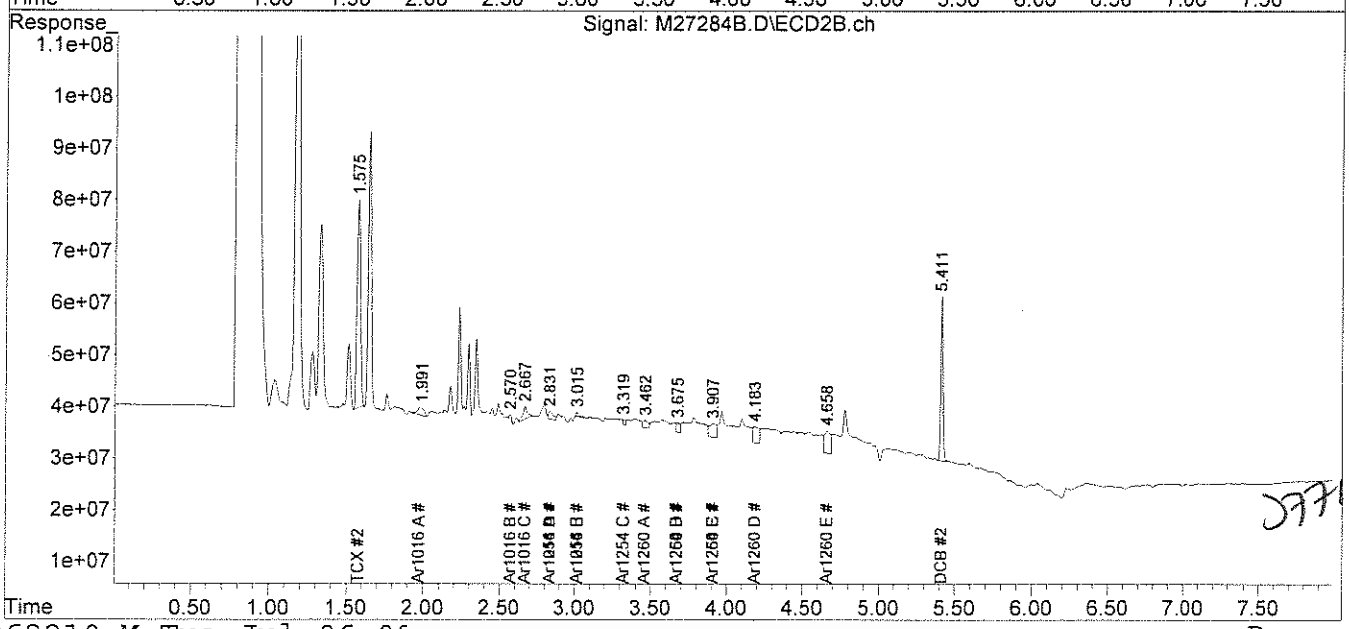
Data Path : C:\msdchem\1\DATA\070210-M\
Data File : M27284B.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 2 Jul 2010 12:00 pm
Operator : JK
Sample : B070110PSOX,,A/C
Misc : SOIL
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 06 08:34:26 2010
Quant Method : C:\msdchem\1\METHODS\PCB062210.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 22 15:04:58 2010
Response via : Initial Calibration
Integrator: ChemStation

CL 07-06-10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





J7710

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 8, 2010

SAMPLE DATA

Lab Sample ID:	67117-1
Matrix:	Solid
Percent Solid:	99
Dilution Factor:	1.0
Collection Date:	06/30/10
Lab Receipt Date:	07/01/10
Extraction Date:	07/01/10
Analysis Date:	07/02/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VCC-135

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	105	%
Decachlorobiphenyl	70	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB Report

Authorized signature

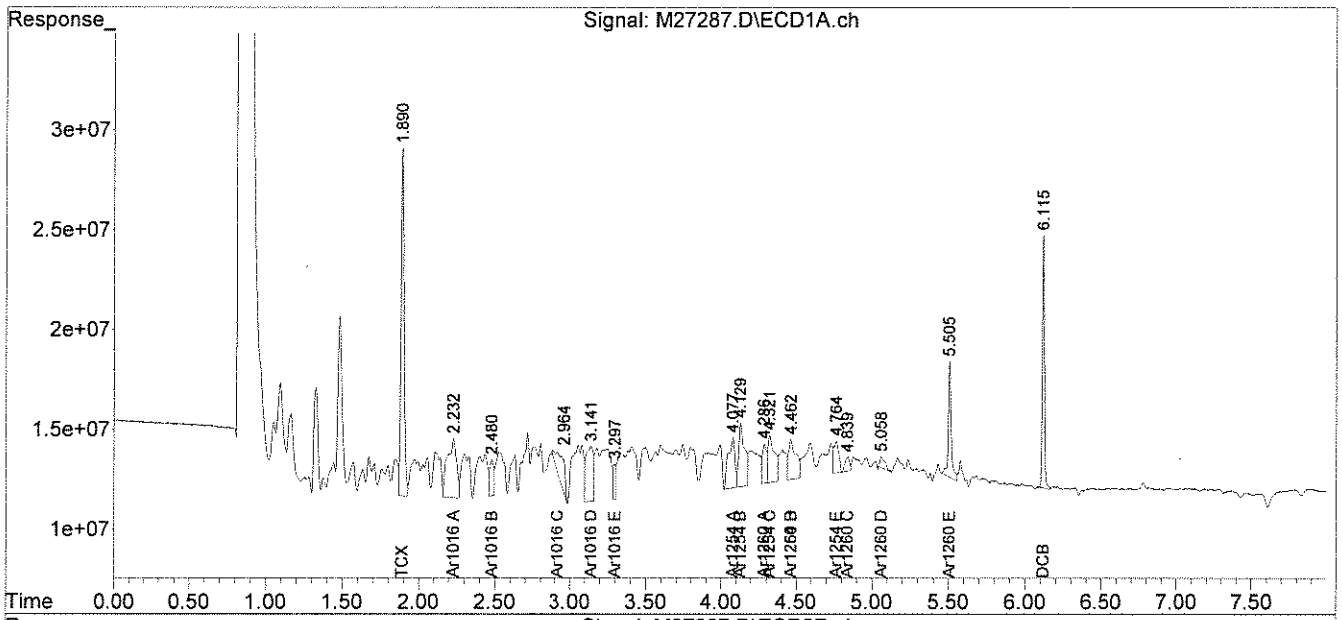
Quantitation Report (QT Reviewed)

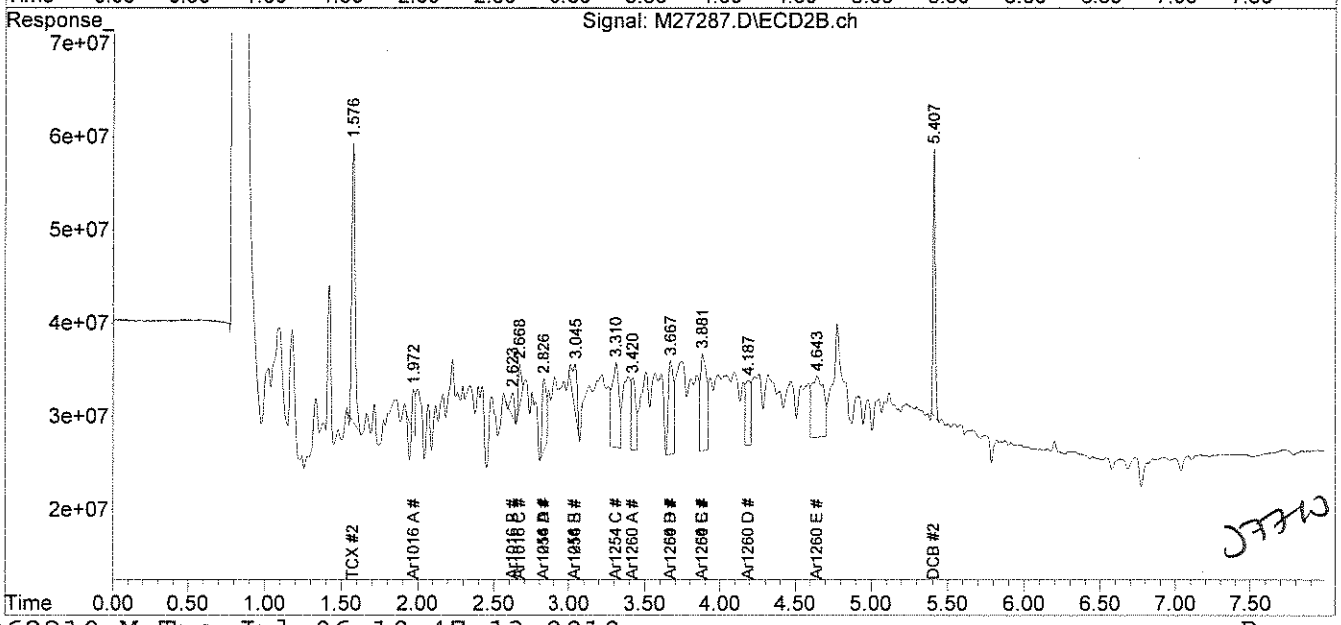
Data Path : C:\msdchem\1\DATA\070210-M\
Data File : M27287.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 2 Jul 2010 12:31 pm
Operator : JK
Sample : 67117-1,,A/C
Misc : SOIL
ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 06 10:47:05 2010
Quant Method : C:\msdchem\1\METHODS\PCB062210.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 22 14:51:48 2010
Response via : Initial Calibration
Integrator: ChemStation

07.06.10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 8, 2010

SAMPLE DATA

Lab Sample ID:	67117-2
Matrix:	Solid
Percent Solid:	98
Dilution Factor:	1.0
Collection Date:	06/30/10
Lab Receipt Date:	07/01/10
Extraction Date:	07/01/10
Analysis Date:	07/02/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VCC-136

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	**181**
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	107	%
Decachlorobiphenyl	71	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67117
Sample: 67117-2,,A/C
Data File: M27288.D
Dilution Factor: 1.0

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	181	172	4.8	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

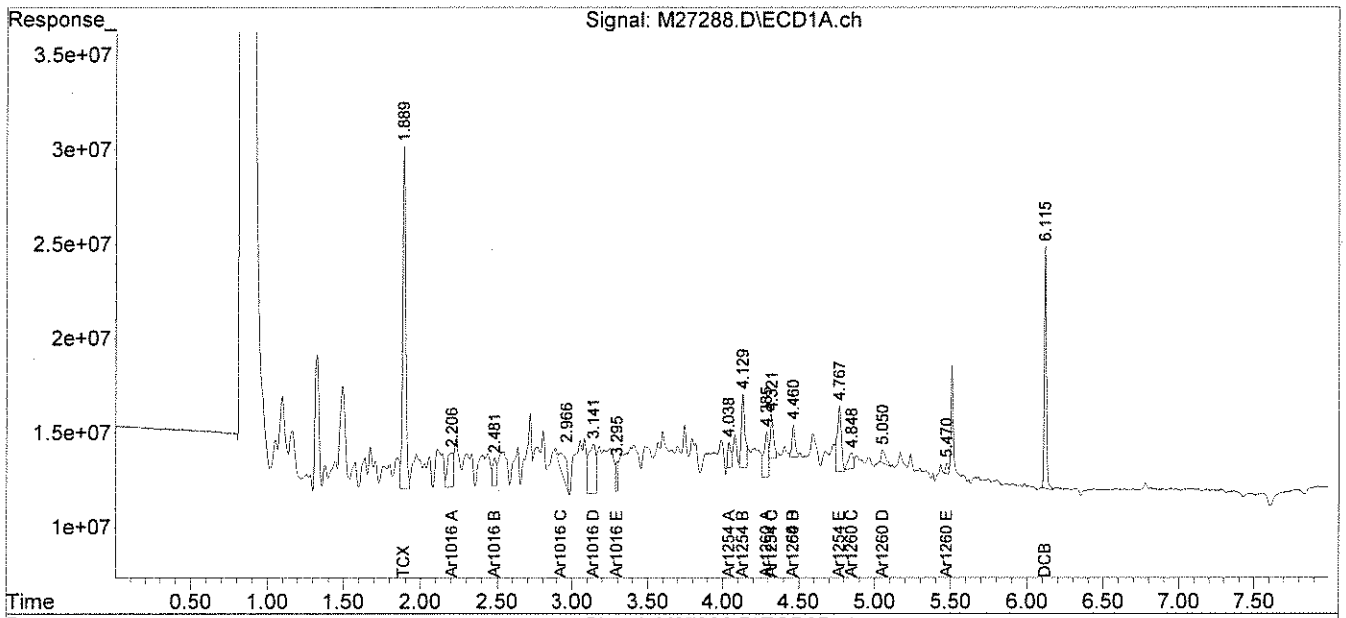
PCB FORM 10

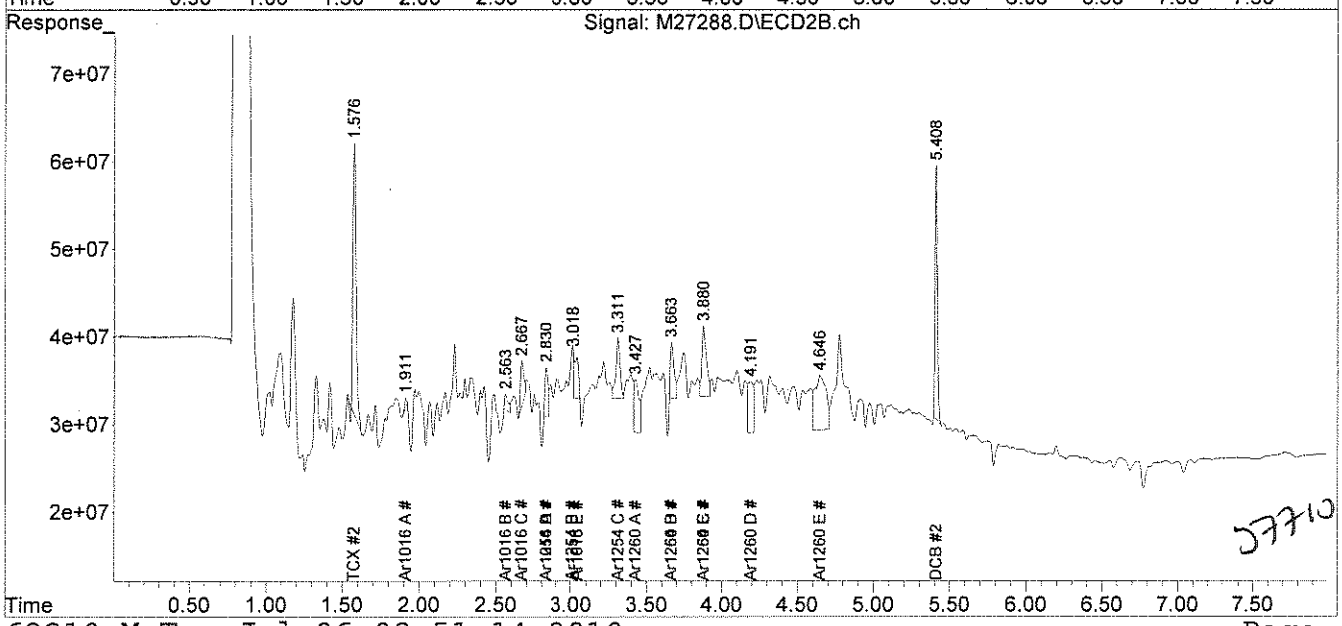
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\070210-M\
Data File : M27288.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 2 Jul 2010 12:41 pm
Operator : JK
Sample : 67117-2,,A/C
Misc : SOIL
ALS Vial : 15 Sample Multiplier: 1

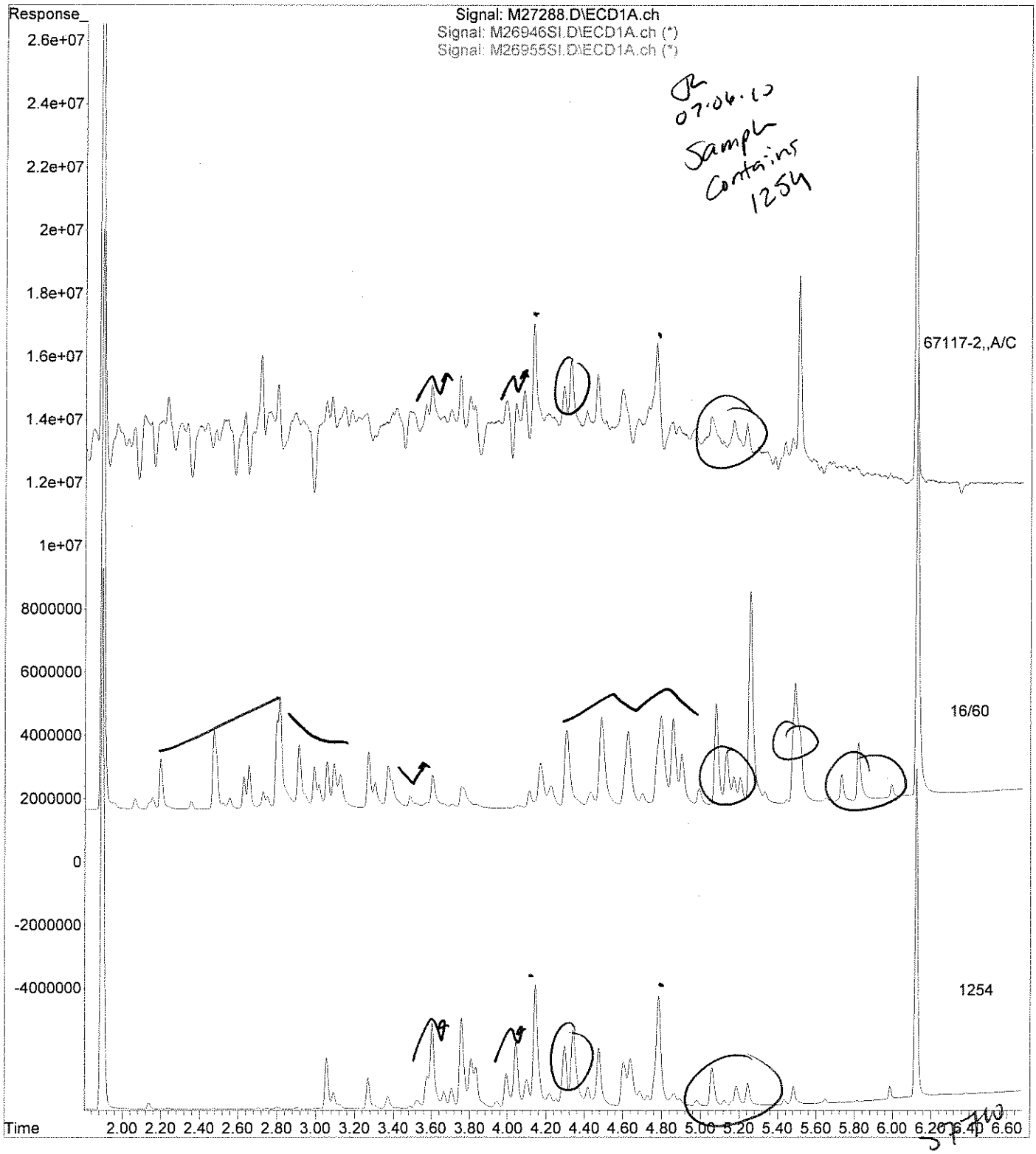
Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 06 08:51:00 2010
Quant Method : C:\msdchem\1\METHODS\PCB062210.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 22 14:51:48 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





File :C:\msdchem\1\DATA\070210-M\M27288.D
Operator : JK
Acquired : 2 Jul 2010 12:41 pm using AcqMethod PEST.M
Instrument : Instrument M
Sample Name: 67117-2,,A/C
Misc Info : SOIL
Vial Number: 15



analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 8, 2010

SAMPLE DATA

Lab Sample ID:	67117-3
Matrix:	Solid
Percent Solid:	98
Dilution Factor:	1.0
Collection Date:	06/30/10
Lab Receipt Date:	07/01/10
Extraction Date:	07/01/10
Analysis Date:	07/02/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VCC-137

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	**152**
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	108	%
Decachlorobiphenyl	79	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67117
Sample: 67117-3,,A/C
Data File: M27289.D
Dilution Factor: 1.0

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	140	152	8.0	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

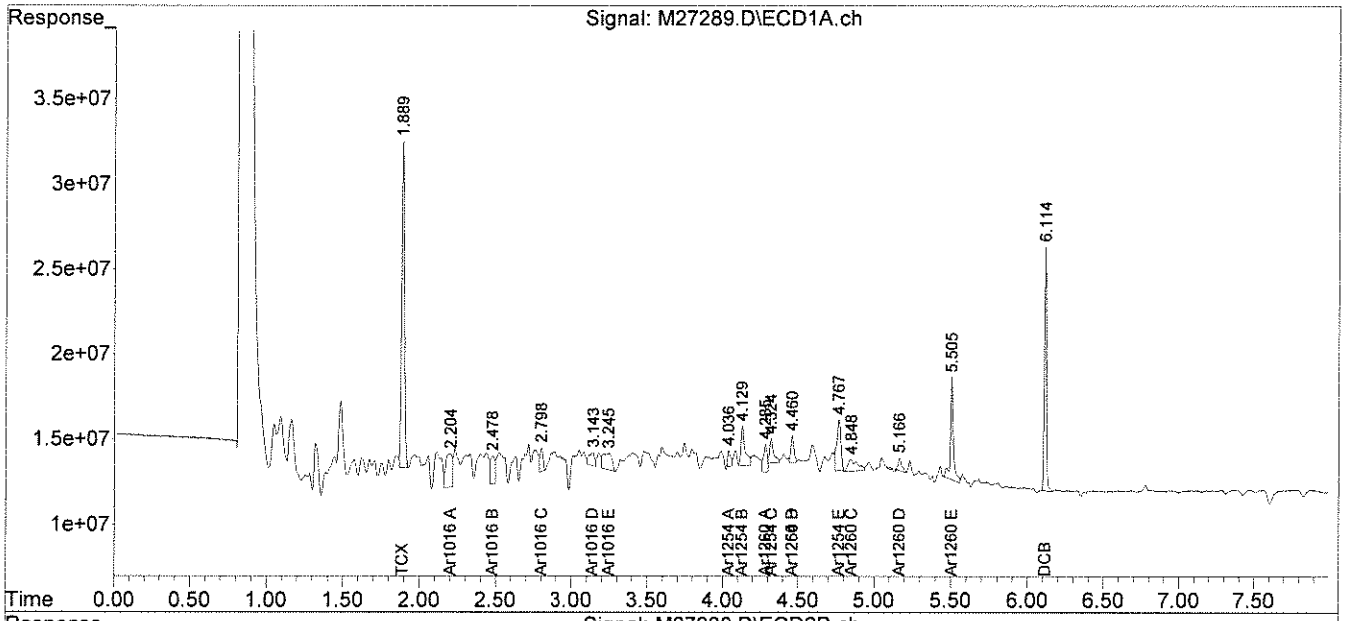
Quantitation Report (QT Reviewed)

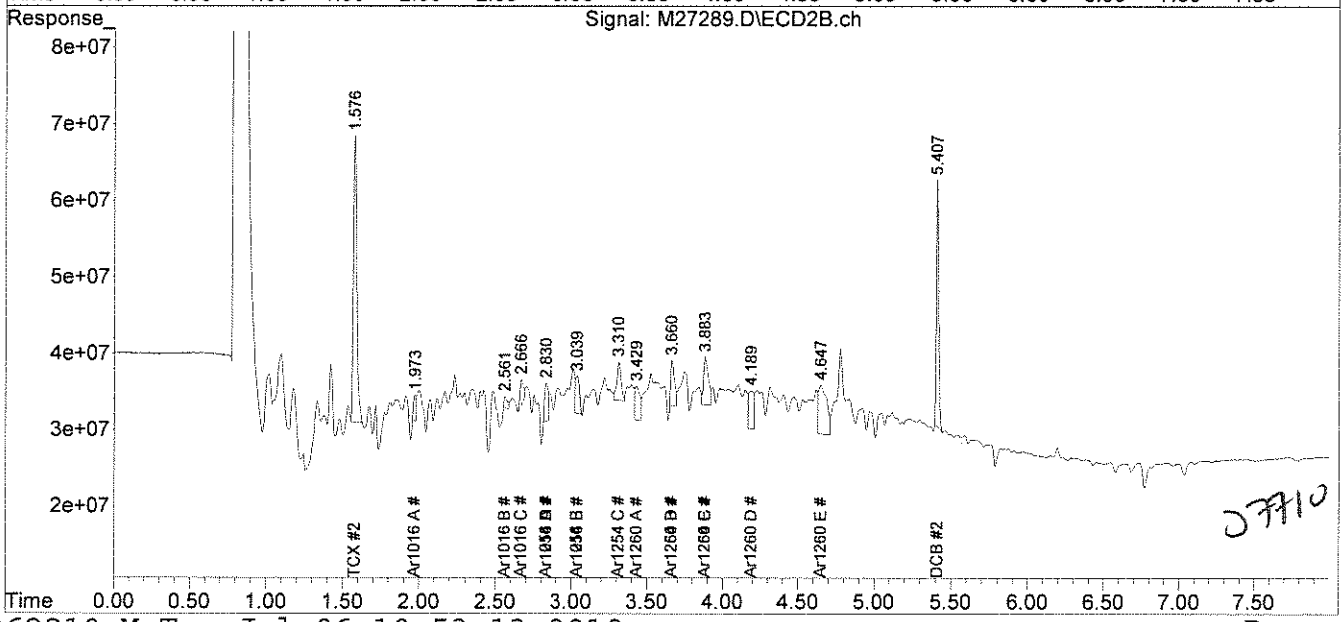
Data Path : C:\msdchem\1\DATA\070210-M\
Data File : M27289.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 2 Jul 2010 12:51 pm
Operator : JK
Sample : 67117-3,,A/C
Misc : SOIL
ALS Vial : 16 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 06 10:53:04 2010
Quant Method : C:\msdchem\1\METHODS\PCB062210.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 22 14:51:48 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um

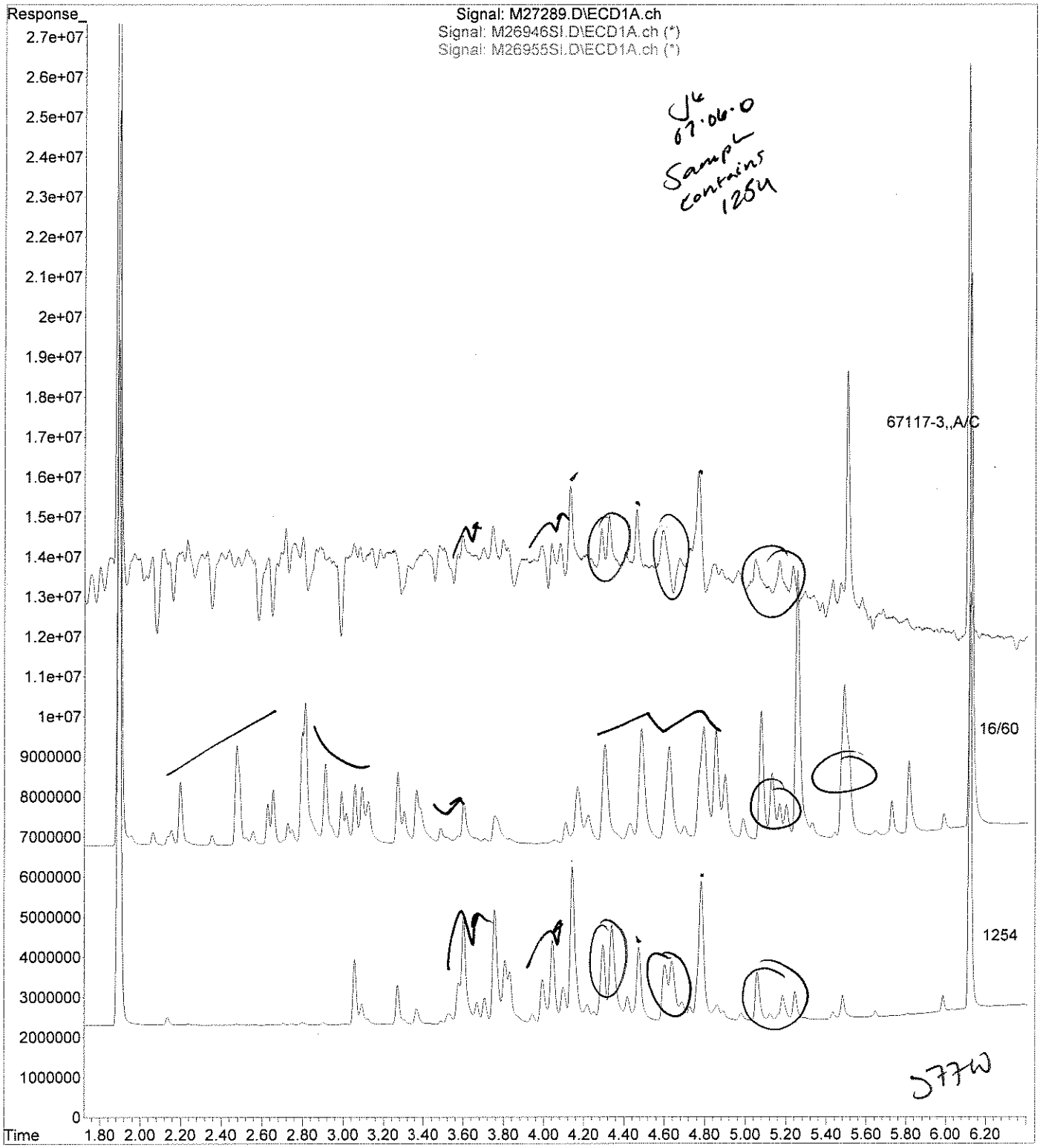
JK 07-06-10





07710

File :C:\msdchem\1\DATA\070210-M\M27289.D
Operator : JK
Acquired : 2 Jul 2010 12:51 pm using AcqMethod PEST.M
Instrument : Instrument M
Sample Name: 67117-3,,A/C
Misc Info : SOIL
Vial Number: 16



analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 8, 2010

SAMPLE DATA

Lab Sample ID:	67117-4
Matrix:	Solid
Percent Solid:	98
Dilution Factor:	1.0
Collection Date:	06/30/10
Lab Receipt Date:	07/01/10
Extraction Date:	07/01/10
Analysis Date:	07/02/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VCC-538

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	**169**
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	94	%
Decachlorobiphenyl	62	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67117
Sample: 67117-4,,A/C
Data File: M27290.D
Dilution Factor: 1.0

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	127	169	28.4	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

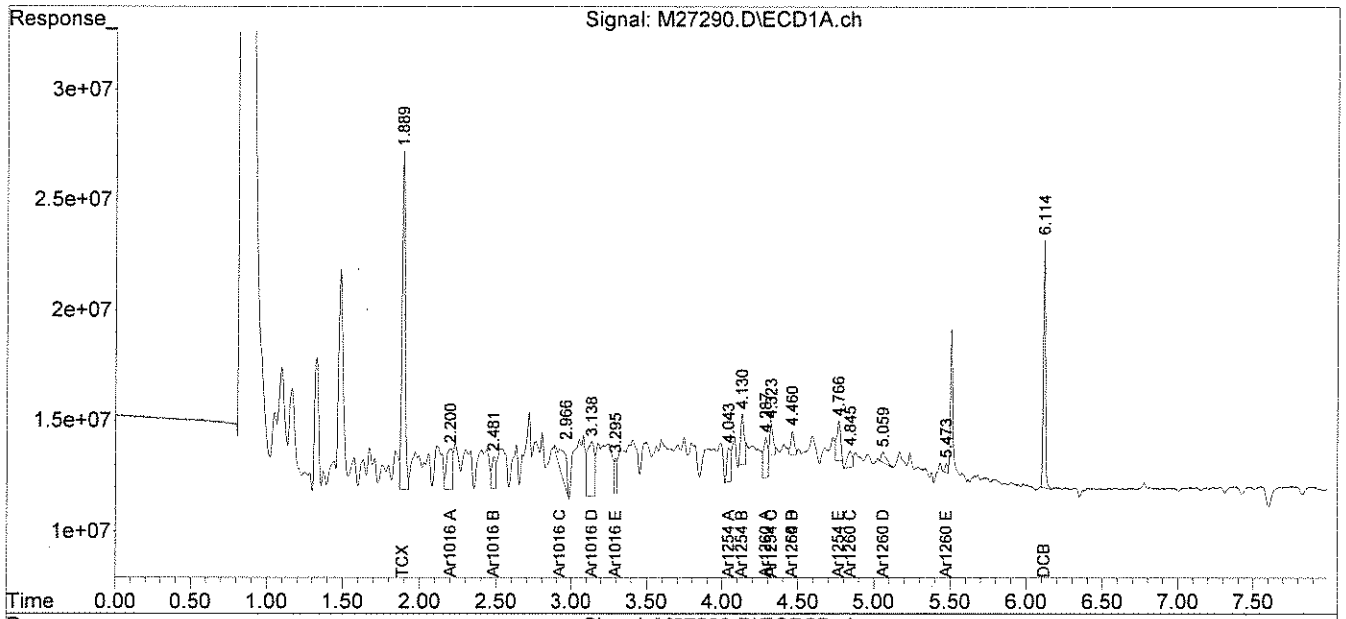
PCB FORM 10

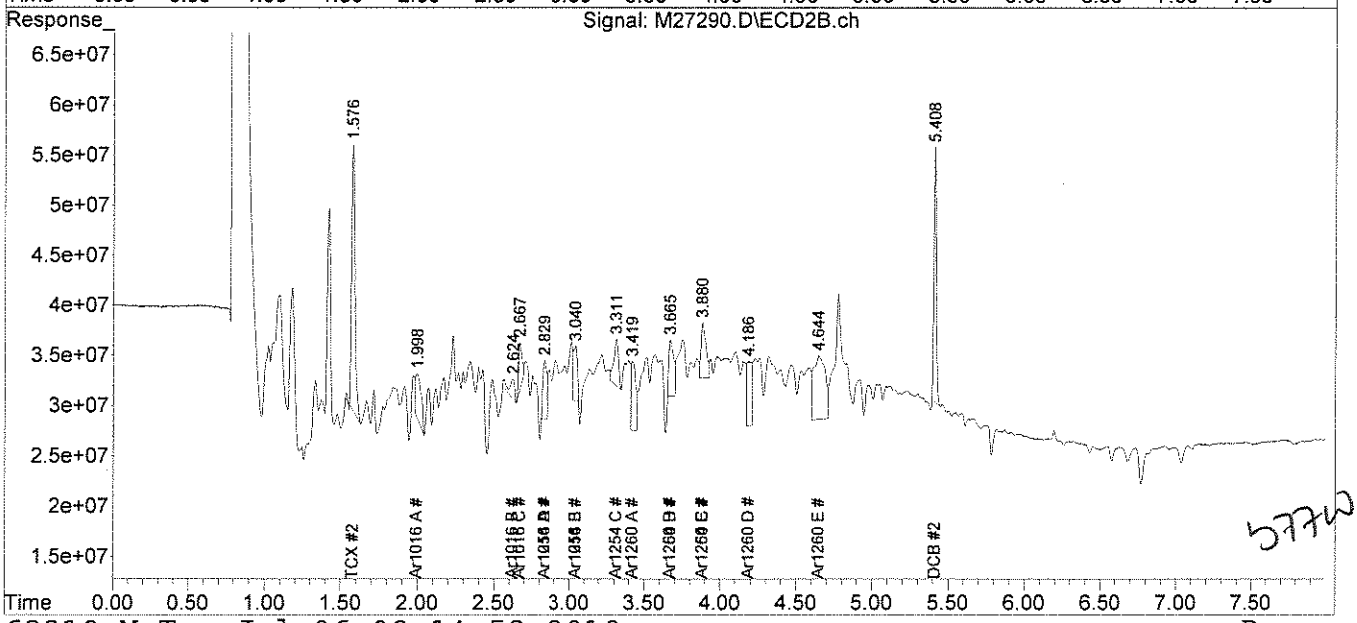
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\070210-M\
Data File : M27290.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 2 Jul 2010 1:02 pm
Operator : JK
Sample : 67117-4,,A/C
Misc : SOIL
ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 06 09:14:06 2010
Quant Method : C:\msdchem\1\METHODS\PCB062210.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 22 14:51:48 2010
Response via : Initial Calibration
Integrator: ChemStation

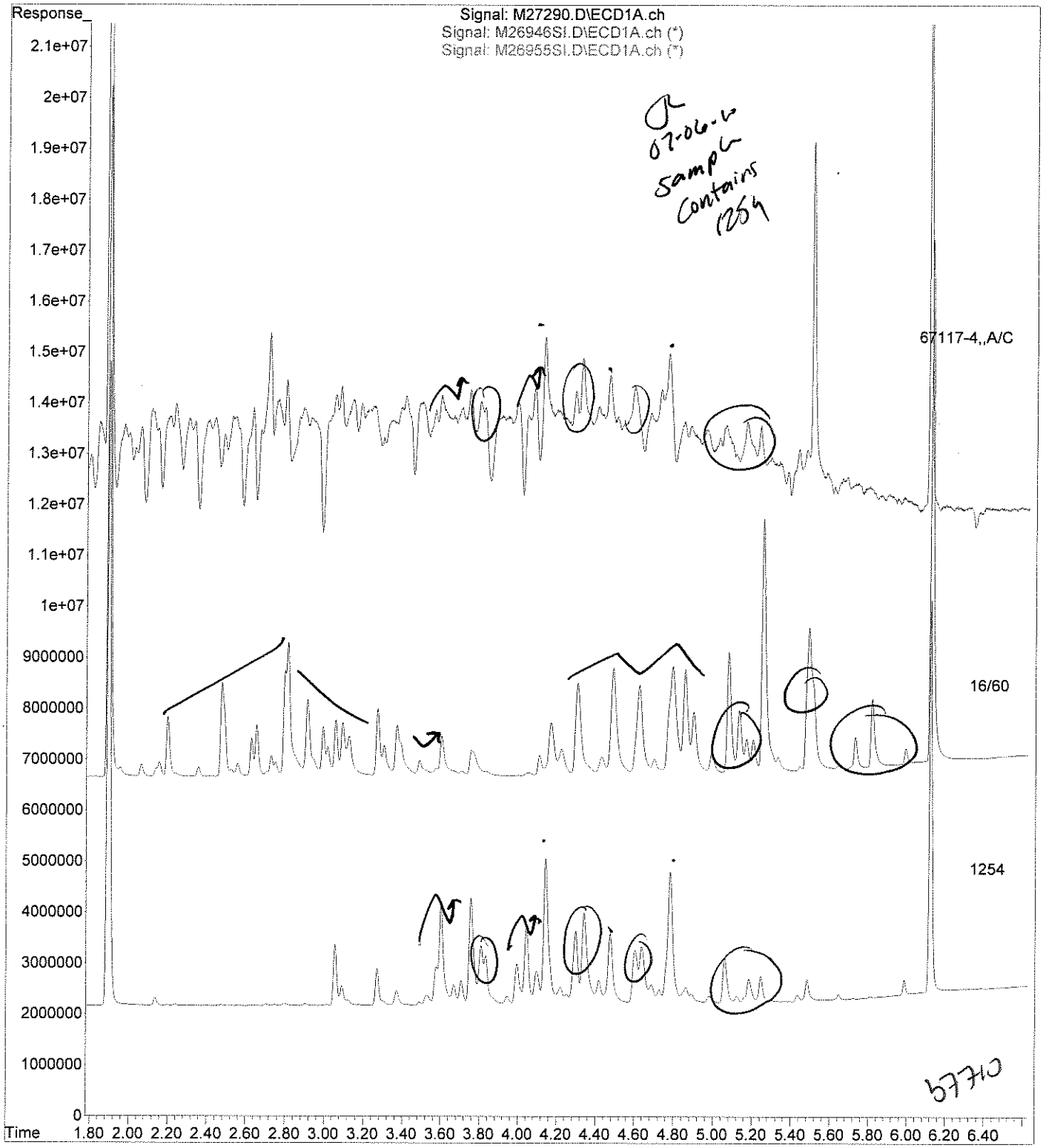
Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





PCB062210.M Tue Jul 06 09 Page: 2
Analytics Report 67117 page 0023 of 46

File :C:\msdchem\1\DATA\070210-M\M27290.D
Operator : JK
Acquired : 2 Jul 2010 1:02 pm using AcqMethod PEST.M
Instrument : Instrument M
Sample Name: 67117-4,,A/C
Misc Info : SOIL
Vial Number: 17



analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 8, 2010

SAMPLE DATA

Lab Sample ID:	67117-5
Matrix:	Aqueous
Percent Solid:	N/A
Dilution Factor:	1.0
Collection Date:	06/30/10
Lab Receipt Date:	07/01/10
Extraction Date:	07/01/10
Analysis Date:	07/01/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VCC-Q-139

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/L	Results µg/L
PCB-1016	0.2	U
PCB-1221	0.2	U
PCB-1232	0.2	U
PCB-1242	0.2	U
PCB-1248	0.2	U
PCB-1254	0.2	U
PCB-1260	0.2	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	98	%
Decachlorobiphenyl	62	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS:

PCB Report

Authorized signature

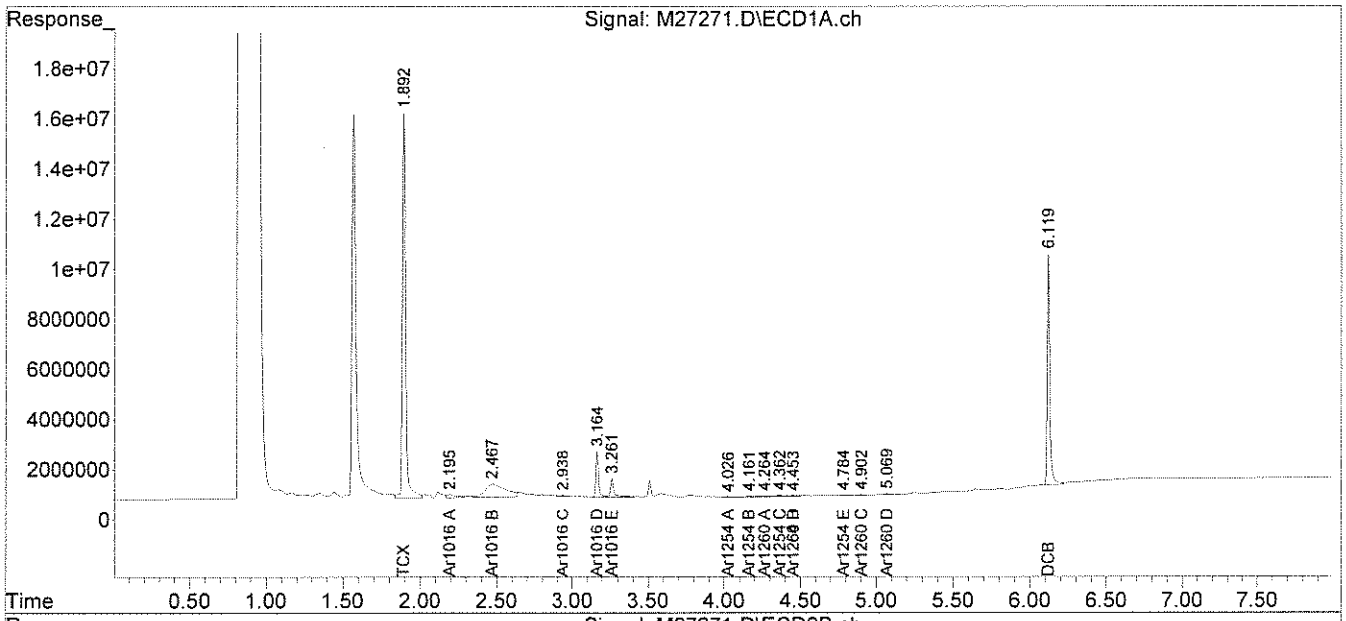
Quantitation Report (QT Reviewed)

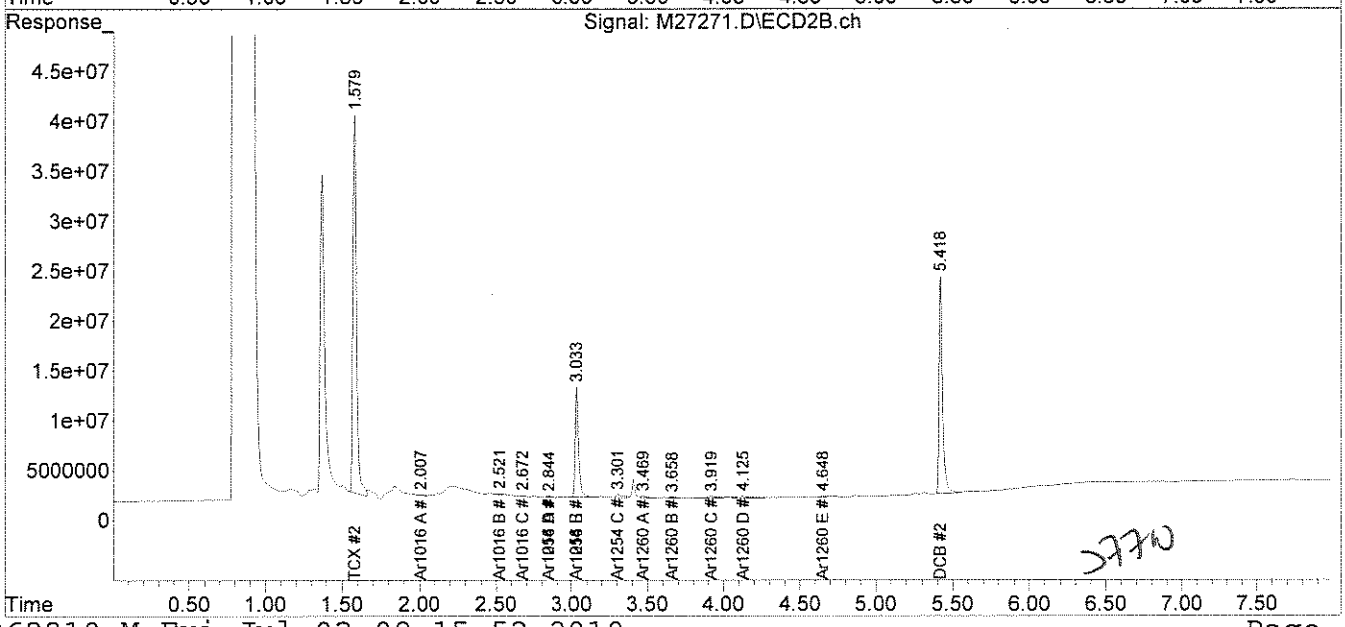
Data Path : C:\msdchem\1\DATA\070110-M\
Data File : M27271.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Jul 2010 3:42 pm
Operator : JK
Sample : 67117-5 (Sig #1); ~~67117-1 (Sig #2~~)
Misc : SOIL
ALS Vial : 13 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 02 09:15:43 2010
Quant Method : C:\msdchem\1\METHODS\PCB062210.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 22 14:51:48 2010
Response via : Initial Calibration
Integrator: ChemStation

JL 07-02-10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





5770

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 8, 2010

SAMPLE DATA

Lab Sample ID:	67117-6
Matrix:	Solid
Percent Solid:	95
Dilution Factor:	1.0
Collection Date:	06/30/10
Lab Receipt Date:	07/01/10
Extraction Date:	07/01/10
Analysis Date:	07/02/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VBS-140

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	121	%
Decachlorobiphenyl	69	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB Report

Authorized signature

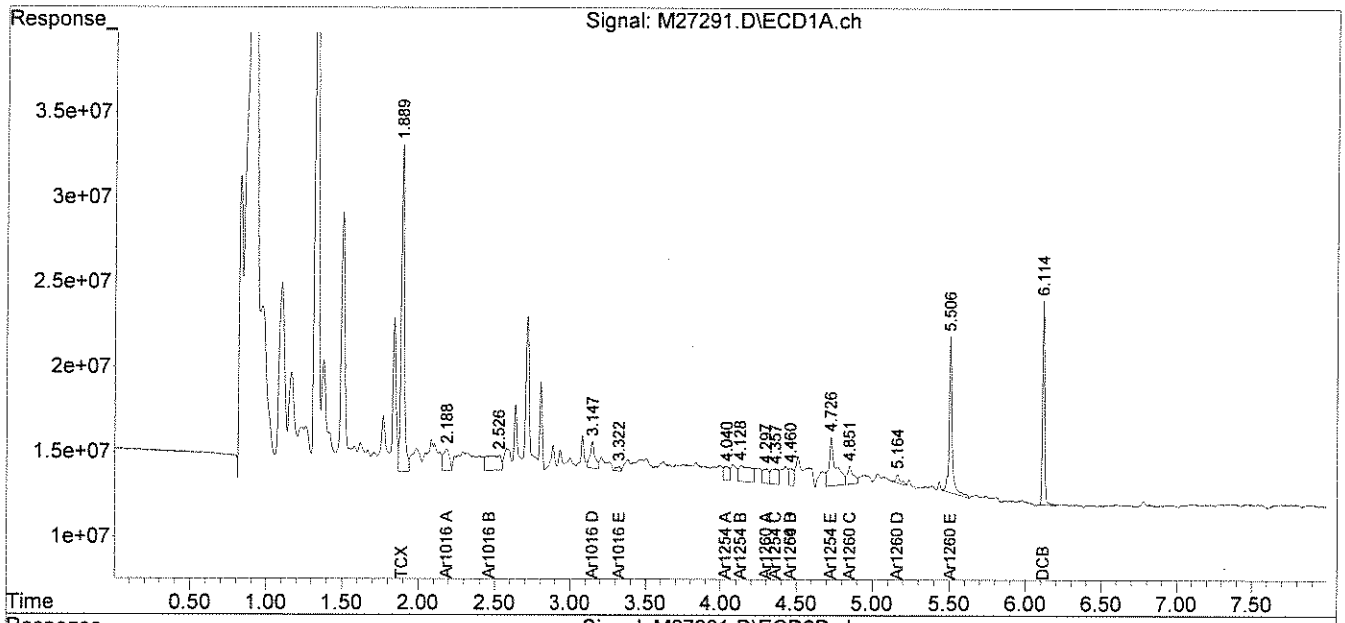
Quantitation Report (QT Reviewed)

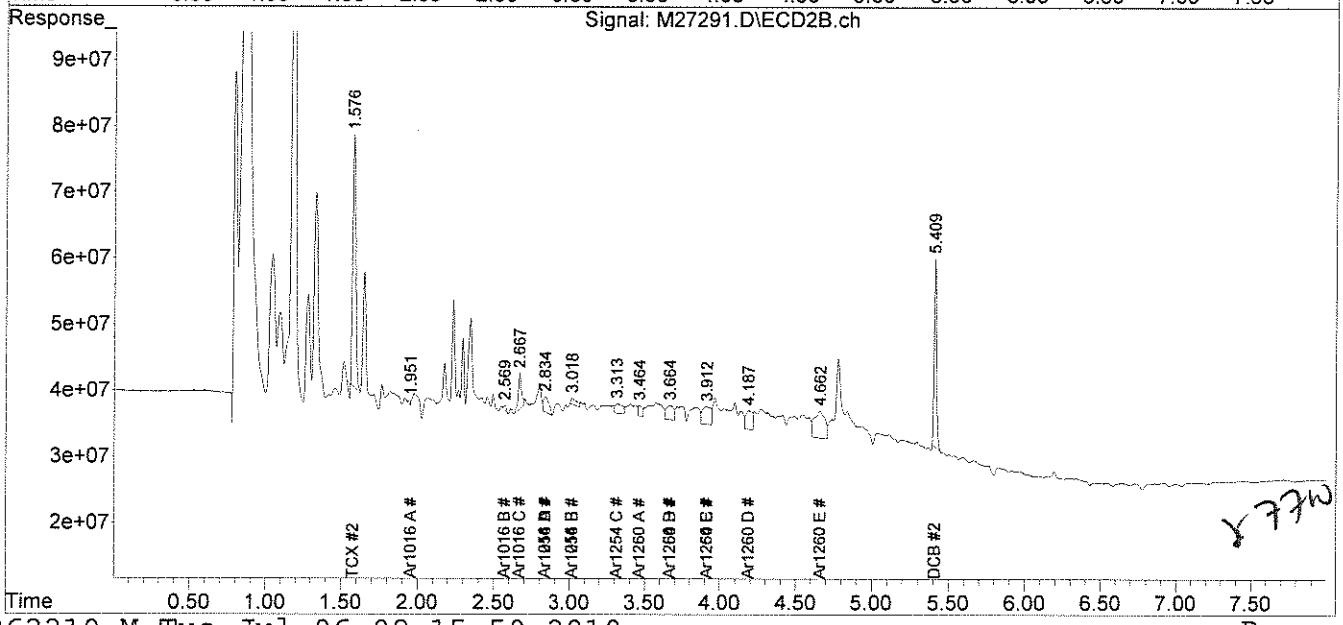
Data Path : C:\msdchem\1\DATA\070210-M\
Data File : M27291.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 2 Jul 2010 1:12 pm
Operator : JK
Sample : 67117-6,,A/C
Misc : SOIL
ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 06 08:33:10 2010
Quant Method : C:\msdchem\1\METHODS\PCB062210.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 22 14:51:48 2010
Response via : Initial Calibration
Integrator: ChemStation

JL 07-06-10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 8, 2010

SAMPLE DATA

Lab Sample ID:	67117-7
Matrix:	Solid
Percent Solid:	95
Dilution Factor:	1.0
Collection Date:	06/30/10
Lab Receipt Date:	07/01/10
Extraction Date:	07/01/10
Analysis Date:	07/02/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VBS-141

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	100	%
Decachlorobiphenyl	69	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB Report

Authorized signature

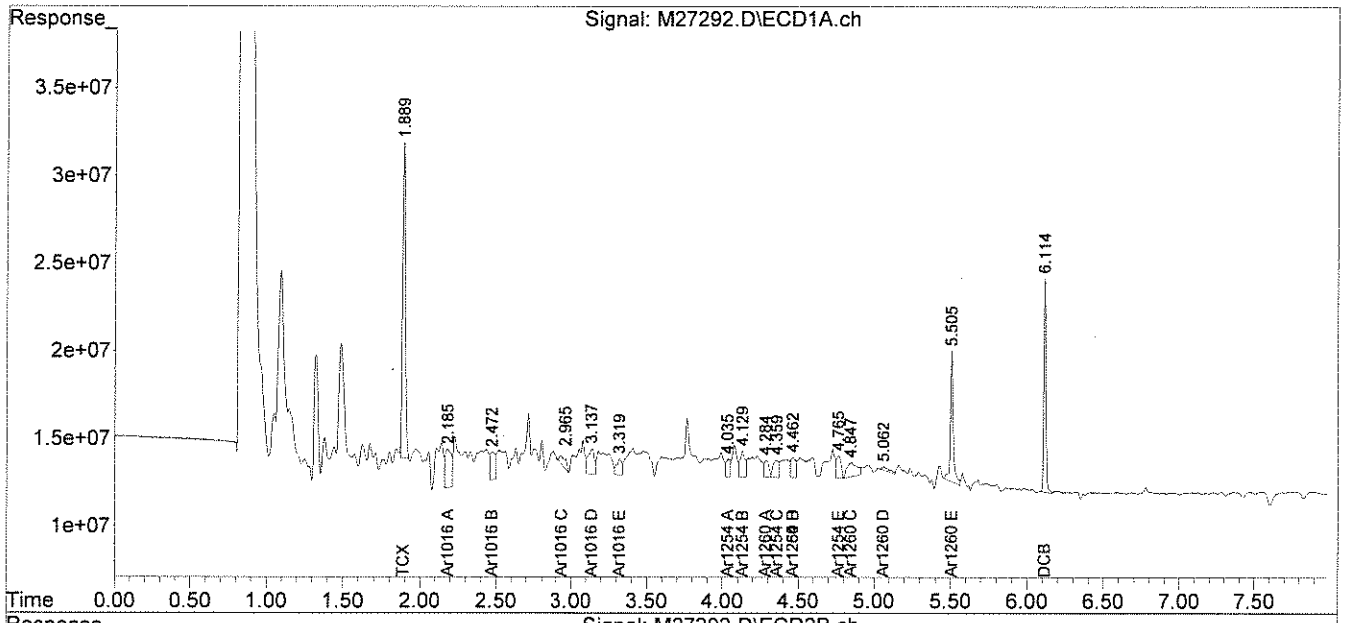
Quantitation Report (QT Reviewed)

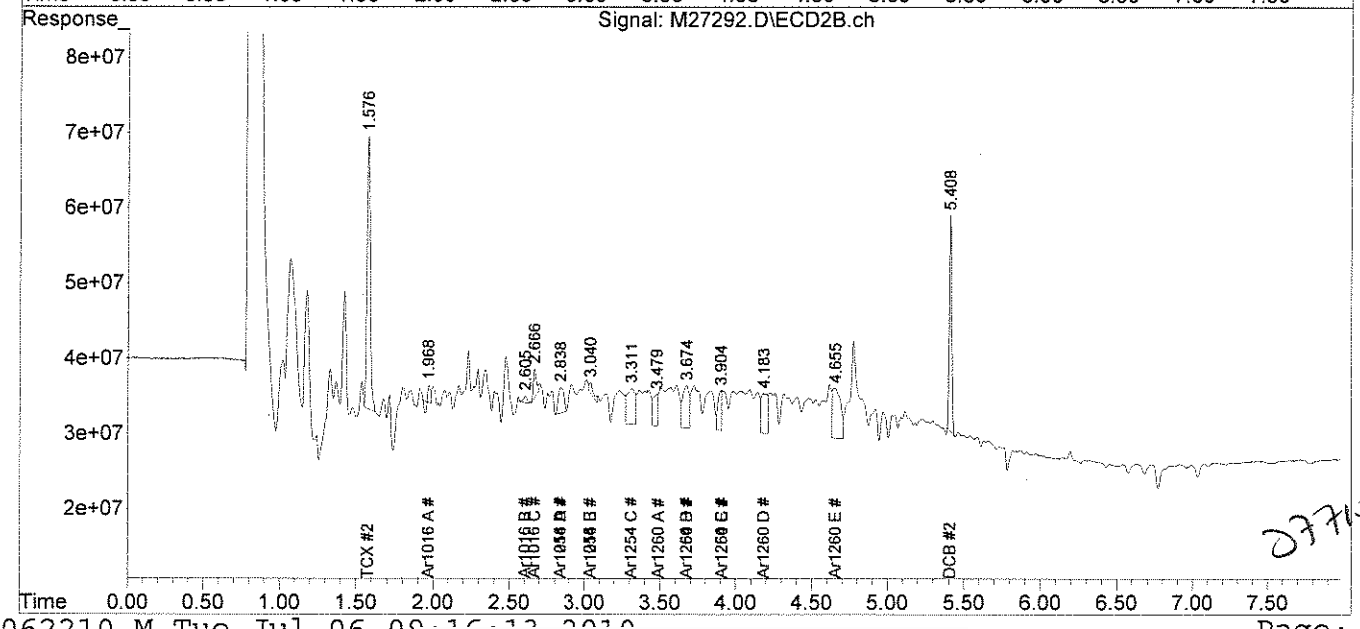
Data Path : C:\msdchem\1\DATA\070210-M\
Data File : M27292.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 2 Jul 2010 1:22 pm
Operator : JK
Sample : 67117-7,,A/C
Misc : SOIL
ALS Vial : 19 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 06 09:16:04 2010
Quant Method : C:\msdchem\1\METHODS\PCB062210.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 22 14:51:48 2010
Response via : Initial Calibration
Integrator: ChemStation

07-06-10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





27710

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 8, 2010

SAMPLE DATA

Lab Sample ID:	67117-8
Matrix:	Solid
Percent Solid:	99
Dilution Factor:	1.0
Collection Date:	06/30/10
Lab Receipt Date:	07/01/10
Extraction Date:	07/01/10
Analysis Date:	07/02/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VCC-142

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	**74**
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	96	%
Decachlorobiphenyl	73	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67117
Sample: 67117-8,,A/C
Data File: M27293.D
Dilution Factor: 1.0

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	74	69	7.3	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

PCB FORM 10

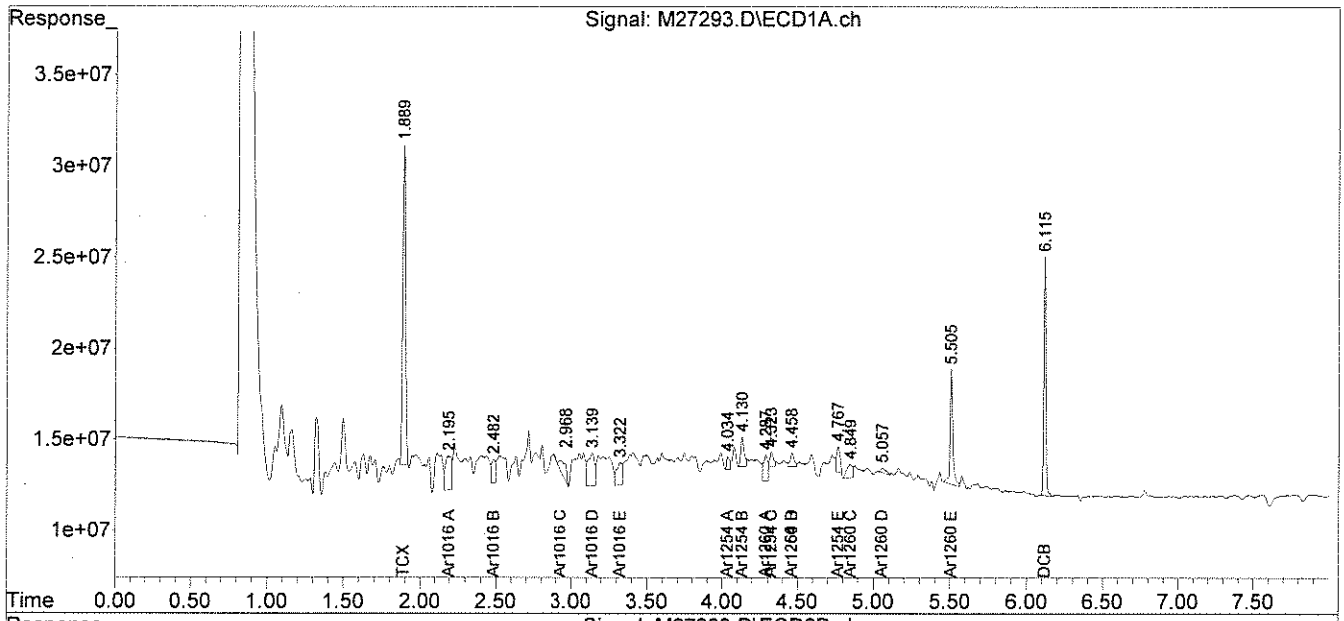
Quantitation Report (QT Reviewed)

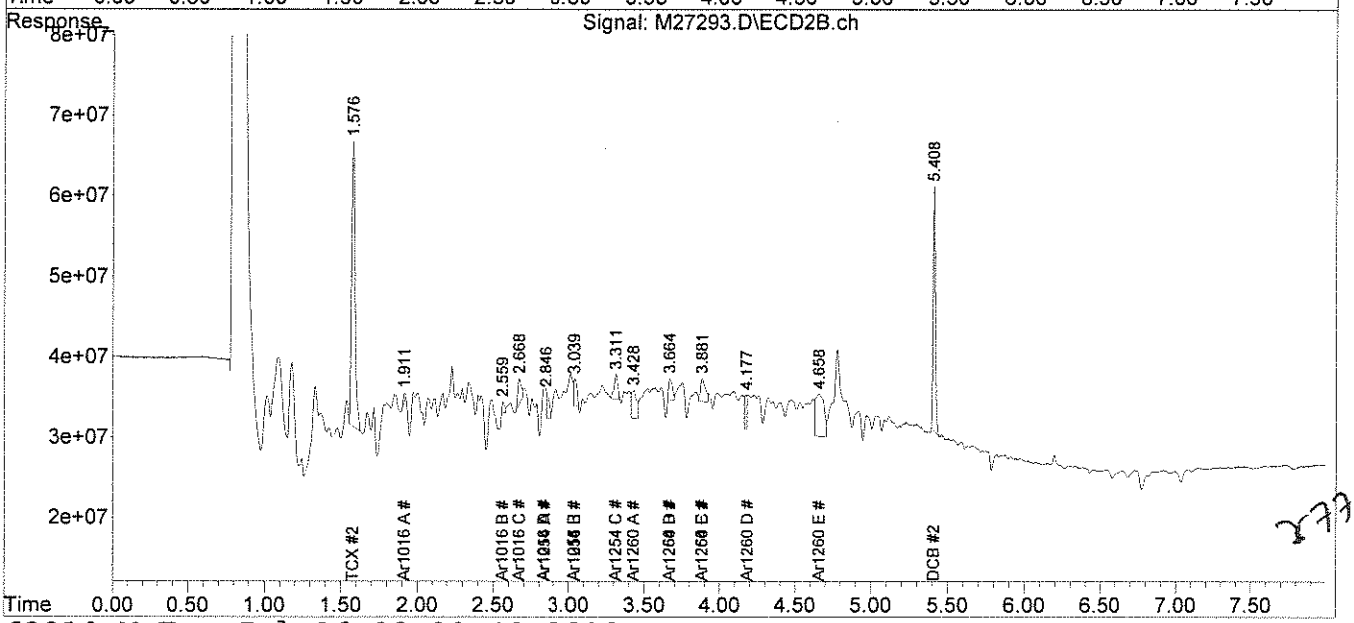
Data Path : C:\msdchem\1\DATA\070210-M\
Data File : M27293.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 2 Jul 2010 1:32 pm
Operator : JK
Sample : 67117-8,,A/C
Misc : SOIL
ALS Vial : 20 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 06 09:20:24 2010
Quant Method : C:\msdchem\1\METHODS\PCB062210.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 22 14:51:48 2010
Response via : Initial Calibration
Integrator: ChemStation

07.06.10

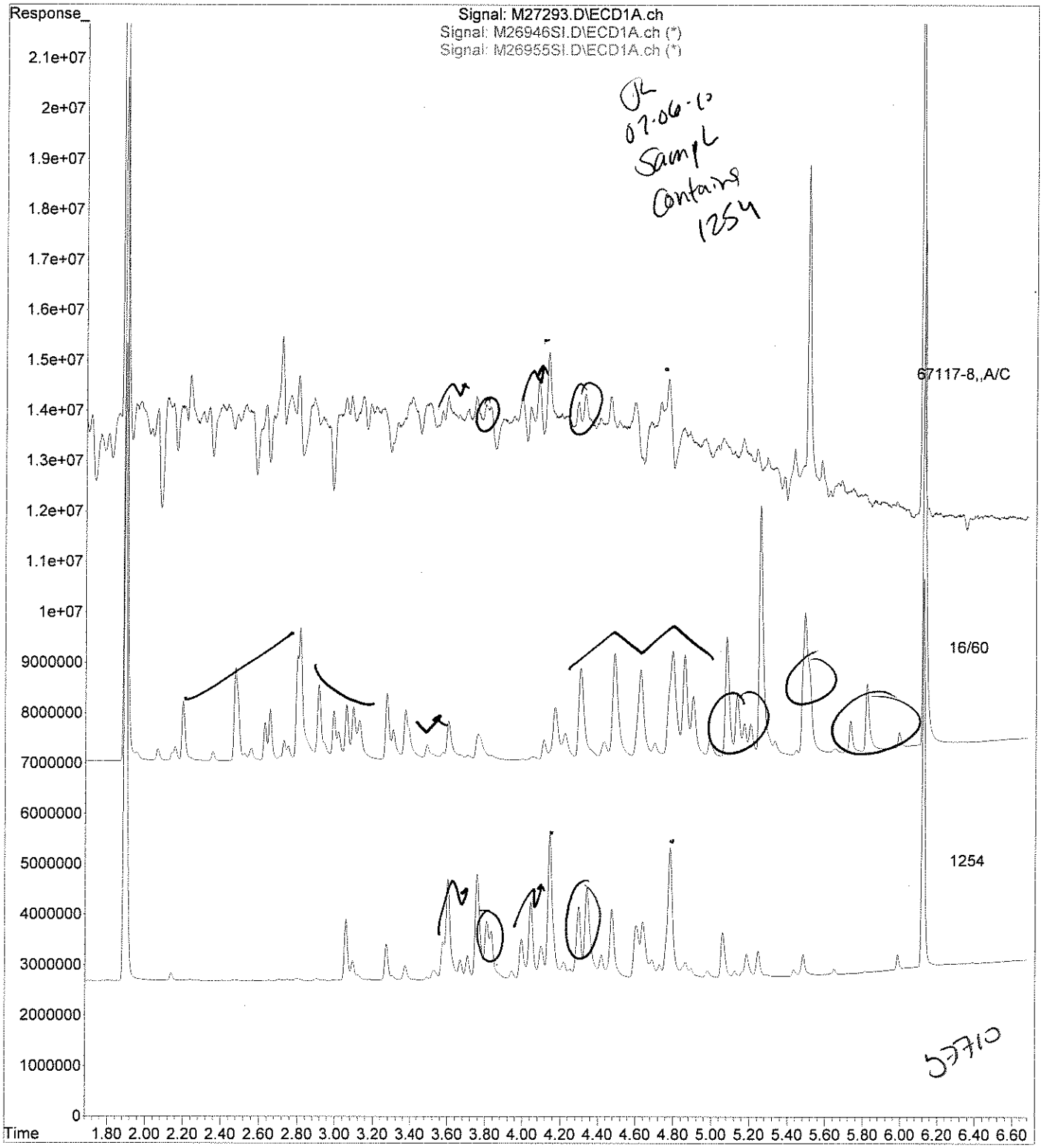
Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





37710

File :C:\msdchem\1\DATA\070210-M\M27293.D
Operator : JK
Acquired : 2 Jul 2010 1:32 pm using AcqMethod PEST.M
Instrument : Instrument M
Sample Name: 67117-8,,A/C
Misc Info : SOIL
Vial Number: 20



analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 8, 2010

SAMPLE DATA

Lab Sample ID:	67117-9
Matrix:	Solid
Percent Solid:	99
Dilution Factor:	1.0
Collection Date:	06/30/10
Lab Receipt Date:	07/01/10
Extraction Date:	07/01/10
Analysis Date:	07/02/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VCC-143

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	114	%
Decachlorobiphenyl	71	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature Mulelli

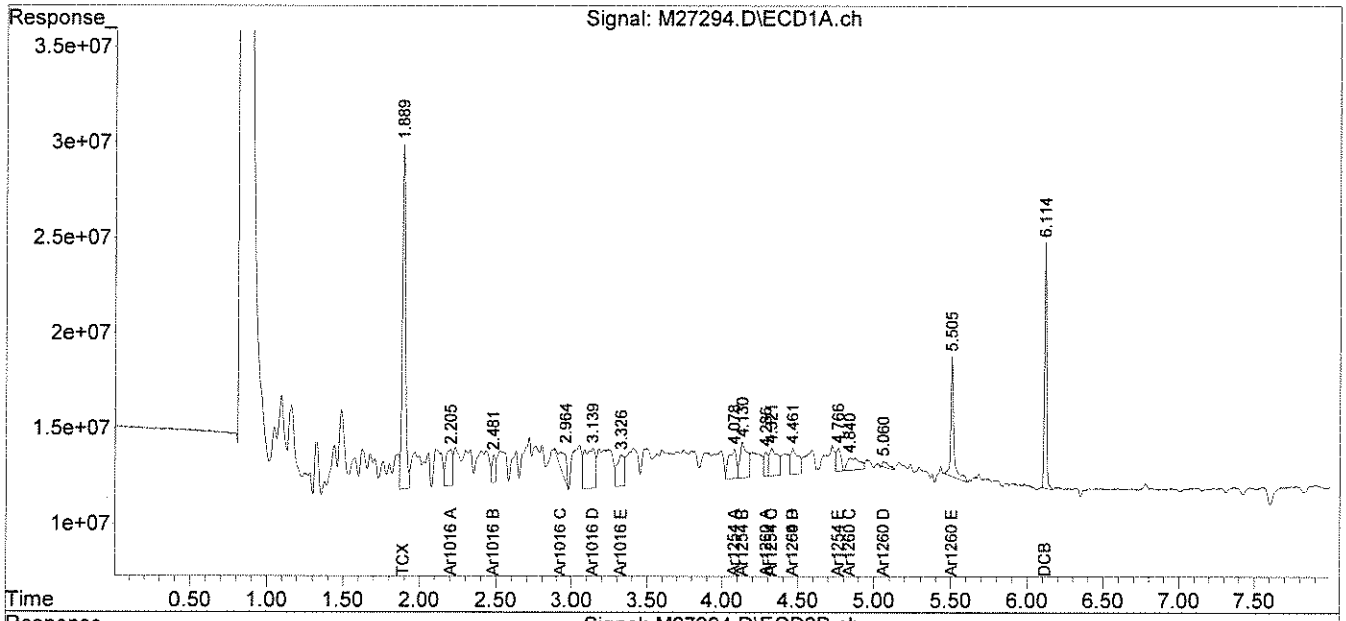
Quantitation Report (Not Reviewed)

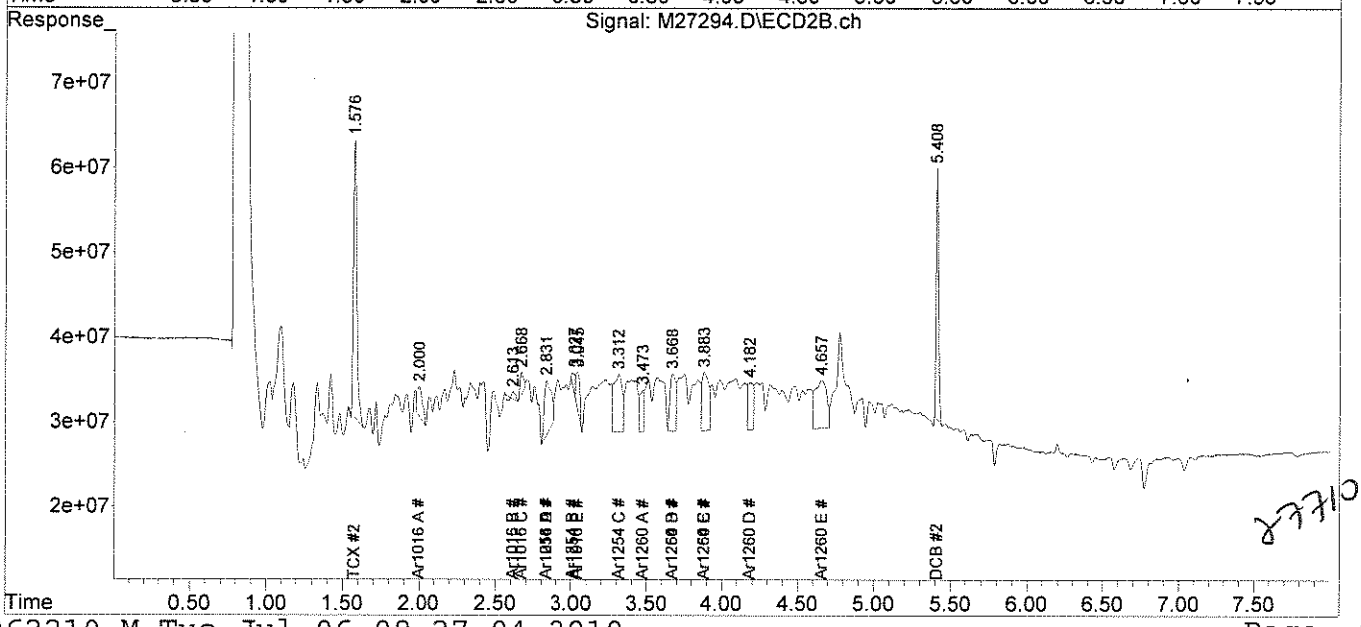
Data Path : C:\msdchem\1\DATA\070210-M\
Data File : M27294.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 2 Jul 2010 1:43 pm
Operator : JK
Sample : 67117-9,,A/C
Misc : SOIL
ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 06 08:33:16 2010
Quant Method : C:\msdchem\1\METHODS\PCB062210.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 22 14:51:48 2010
Response via : Initial Calibration
Integrator: ChemStation

JK 07.06.10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





27710

PCB
QC FORMS

PCB AQUEOUS
SYSTEM MONITORING COMPOUNDS
SUMMARY

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67117

	Column #1				Column #2			
SAMPLE ID	SMC 1 (%)	#	SMC 2 (%)	#	SMC 1 (%)	#	SMC 2 (%)	#
B070110PW	91		61		92		66	
L070110PWB	90		62		90		68	
LD070110PWB	90		62		89		68	

		Lower Limit	Upper Limit
SMC #1 =	TCX	46	122
SMC #2 =	DCB	40	135

Column to be used to flag recovery values outside of QC limits
* Values outside QC limits
D System Monitoring Compound diluted out

PCB FORM 2

PCB AQUEOUS
SYSTEM MONITORING COMPOUNDS
SUMMARY

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67117

	Column #1				Column #2			
SAMPLE ID	SMC 1 (%)	#	SMC 2 (%)	#	SMC 1 (%)	#	SMC 2 (%)	#
B070110PW,RR,,A/C	92		61		92		64	
67117-5	98		62		91		65	

		Lower Limit	Upper Limit
SMC #1 =	TCX	46	122
SMC #2 =	DCB	40	135

Column to be used to flag recovery values outside of QC limits
* Values outside QC limits
D System Monitoring Compound diluted out

PCB SOIL
SYSTEM MONITORING COMPOUNDS
SUMMARY

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67117

	Column #1				Column #2			
SAMPLE ID	SMC 1 (%)	#	SMC 2 (%)	#	SMC 1 (%)	#	SMC 2 (%)	#
B070110PSOX,,A/C	110		80		91		64	
L070110PSOX,,A/C	104		75		93		68	
LD070110PSOX,,A/C	106		73		92		68	
67117-1,,A/C	105		70		65		58	
67117-2,,A/C	107		71		64		59	
67117-3,,A/C	108		79		87		66	
67117-4,,A/C	94		62		61		52	
67117-6,,A/C	121		69		79		59	
67117-7,,A/C	100		69		80		59	
67117-8,,A/C	96		73		82		62	
67117-9,,A/C	114		71		75		60	

		Lower Limit	Upper Limit
SMC #1 =	TCX	40	130
SMC #2 =	DCB	40	130

\# Column to be used to flag recovery values outside of QC limits
* Values outside QC limits
D System Monitoring Compound diluted out

PCB AQUEOUS
LABORATORY CONTROL SAMPLE/DUPLICATE
PERCENT RECOVERY

Instrument ID: M

GC Column #1: STX-CLPesticides I

Column ID: 0.25 mm

GC Column #2: STX-CLPesticides II

Column ID: 0.25 mm

SDG: 67117

Non-spiked sample: B070110PW

Spike: L070110PWB

Spike duplicate: LD070110PWB

COMPOUND	LCS SPIKE ADDED (ug/kg)	LCSD SPIKE ADDED (ug/kg)	LOWER LIMIT	UPPER LIMIT	RPD LIMIT	NON-SPIKE RESULT (ug/kg)	SPIKE RESULT (ug/kg)	SPIKE % REC	#	SPIKE DUP RESULT (ug/kg)	SPIKE DUP % REC	#	RPD	#
PCB 1016	2.00	2.00	65	140	30	0	1.80	90		1.88	94		4.4	
PCB 1260	2.00	2.00	60	130	30	0	1.86	93		1.82	91		2.2	
PCB 1016 #2	2.00	2.00	65	140	30	0	1.98	99		1.97	98		0.7	
PCB 1260 #2	2.00	2.00	60	130	30	0	2.12	106		2.06	103		3.1	

Column to be used to flag recovery and RPD values outside of QC limits

* Values outside QC limits

LCS/LCSD spike added values have been weight adjusted.

Non-spike result of "0" used in place of "U" to allow calculation of spike recovery.

Comments: _____

_____

PCB SOIL
LABORATORY CONTROL SAMPLE/DUPLICATE
PERCENT RECOVERY

Instrument ID: M

GC Column #1: STX-CLPesticides I

Column ID: 0.25 mm

GC Column #2: STX-CLPesticides II

Column ID: 0.25 mm

SDG: 67117

Non-spiked sample: B070110PSOX,,A/C

Spike: L070110PSOX,,A/C

Spike duplicate: LD070110PSOX,,A/C

COMPOUND	LCS SPIKE ADDED (ug/kg)	LCSD SPIKE ADDED (ug/kg)	LOWER LIMIT	UPPER LIMIT	RPD LIMIT	NON-SPIKE RESULT (ug/kg)	SPIKE RESULT (ug/kg)	SPIKE % REC	#	SPIKE DUP RESULT (ug/kg)	SPIKE DUP % REC	#	RPD	#
PCB 1016	200	200	65	140	30	0	267	134		256	128		4.2	
PCB 1260	200	200	60	130	30	0	220	110		221	111		0.3	
PCB 1016 #2	200	200	65	140	30	0	229	114		214	107		6.8	
PCB 1260 #2	200	200	60	130	30	0	213	106		222	111		4.3	

Column to be used to flag recovery and RPD values outside of QC limits

* Values outside QC limits

LCS/LCSD spike added values have been weight adjusted.

Non-spike result of "0" used in place of "U" to allow calculation of spike recovery.

Comments: _____

_____

CHAIN OF CUSTODIES

Chain Of Custody Form

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, NH 03801
Phone (603) 436-5111
Fax (603) 430-2151

For Analytics Use Only Rev. 5 06/18/08

Samples were:
1) Shipped or hand-delivered
2) Temp blank °C 4.8
3) Received in good condition Y or N
4) pH checked by: KAM
5) Labels checked by: CP 7/1/10

Project#: 223019 Proj. Name: AMISTAD ACADEMY
Company: Woodard & Curran
Contact: GEORGE FRANKLIN / JEFF HAMEL
Address: 35 New England Business Center Suite 180
Andover, MA 01810
Phone: (978)557-8150 PO# Quote # WCI03051001
Sampler (Signature): [signature]

Matrix Key:
C = Concrete
WP = Wipe
WW = Wastewater
SW = Surface Water
GW = Groundwater
DW = Drinking Water
S = Soil/Sludge
O = Oil
E = Extract
B-brick
D-LAB DI

Preservation

Container Key
P=plastic G=glass

Station Identification	Sample Date	Sample Time	Analysis	Unpres	4° C	HNO_3	H_2SO_4	HCL	Methanol	Other	Matrix	Container number/type		pH	Analytics Sample #
AA-VCC-135	6/30/10	0730	PCB's by U.S.		✓						C	1	G		67117-1
AA-VCC-136		0740	E.P.A. 8082 w/		✓						C	1	G		2
AA-VCC-137		0750	Soxhlet		✓						C	1	G		3
AA-VCC-538		0755	Extraction		✓						C	1	G		4
AA-VCC-Q-139		0810			✓						D	1	G	6.0	5
AA-VBS-140		0840			✓						B	1	G		6
AA-VBS-141		0850			✓						B	1	G		7
AA-VCC-142		0910			✓						C	1	G		8
AA-VCC-143		1330			✓						C	1	G		9

CP 7/1/10

Email Results to:
gfranklin@woodardcurran.com
jhamel..., jream...

Turnaround Time (TAT)
☐ 24hr* ☐ 48hr*
☐ 72hr* ☑ 5 Days* STD. TURN AROUND TIME
☐ 10 Days
*Fee may apply; lab approval required

Comments / Instructions:
R.L. ≤ 1.0 mg/kg
*Amber liter sample was negative for Cl when tested with KI paper. KAM 7/1/10

Project Requirements:
*Fee may apply

Report Type:
☐ MCP* ☑ Level II*
☐ CTRCP* ☐ Level III*
☐ DOD* ☐ Level IV*
☐ Standard

State:
☐ NH
☐ MA
☐ ME
☑ CT
☐ RI
Other:

State Standard:
(eg. S-1 or GW-1)
EDD Required: Y N
Type: .xls

Received By: FedEx
Received By: [signature]
Received By:
Time:
Time: 9:35
Time:
Date: 6/30/10
Date: 6/7/1/10
Date: 6/7/1/10
Relinquished By Sampler: [signature]
Relinquished By: FedEx
Relinquished By: KAM 7/1/10

Analytics\AEL Documents\AEL COC

Page 1 of ___

ANALYTICS SAMPLE RECEIPT CHECKLIST

analytics environmental laboratory LLC

AEL LAB#: 67117

CLIENT: Woodard

PROJECT: Amistad

COOLER NUMBER: NA

NUMBER OF COOLERS: 1

DATE RECEIVED: 7-1-10

A: PRELIMINARY EXAMINATION:

DATE COOLER OPENED: 7-1-10

1. Cooler received by(initials): KAM

Date Received: 7-1-10

2. Circle one: Hand delivered (If so, skip 3) (Shipped)

3. Did cooler come with a shipping slip? (Y) N

3a. Enter carrier name and airbill number here: FedEx 7936866069 85

4. Were custody seals on the outside of cooler? Y (N)
How many & where: NA Seal Date: NA Seal Name: NA

5. Did the custody seals arrive unbroken and intact upon arrival? Y (NA)

6. COC#: NA

7. Were Custody papers filled out properly (ink,signed, etc)? Y' (N) No time that samples were relinquished to FedEx on chain KAM 7/1/10

8. Were custody papers sealed in a plastic bag? (Y) N

9. Did you sign the COC in the appropriate place? (Y) N

10. Was the project identifiable from the COC papers? (Y) N

11. Was enough ice used to chill the cooler? (Y) N Temp. of cooler: 4.8°C

B. Log-In: Date samples were logged in: 7-1-10 By: KAM

12. Type of packing in cooler(bubble wrap, popcorn) (Y) N

13. Were all bottles sealed in separate plastic bags? (Y) N

14. Did all bottles arrive unbroken and were labels in good condition? (Y) N

15. Were all bottle labels complete(ID,Date,time,etc.) (Y) N

16. Did all bottle labels agree with custody papers? (Y) N

17. Were the correct containers used for the tests indicated: (Y) N

18. Were samples received at the correct pH? (Y) N

19. Was sufficient amount of sample sent for the tests indicated? (Y) N

20. Were bubbles absent in VOA samples? Y (NA)

If NO, List Sample ID's and Lab #s: _____

21. Laboratory labeling verified by (initials): CP Date: 7/1/10

From: Origin ID: BNHA (203) 271-0379
Jesse Ream
WOODARD & CURRAN INC
1520 HIGHLAND AVENUE

CHESHIRE, CT 06410

J10201005258225

Ship Date: 30JUN10
ActWgt: 35.0 LB
CAD: 2185050/INET3060

Delivery Address Bar Code

Ref # 223019.00
Invoice #
PO #
Dept #

SHIP TO: (603) 436-5111 BILL SENDER

Analytics Enviro Labs, LLC
Analytics Enviro Labs, LLC
195 COMMERCE WAY UNIT E

PORTSMOUTH, NH 03801

TRK# 0201 7936 8660 6985

THU - 01 JUL A2
PRIORITY OVERNIGHT

03801
NH-US
MHT

03 IGGA

588G1/9887/9A24

After printing this label:
1. Use the 'Print' button on this page to print your label to your laser or inkjet printer.
2. Fold the printed page along the horizontal line.
3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

Warning: Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com.FedEx will not be responsible for any claim in excess of $100 per package, whether the result of loss, damage, delay, non-delivery,misdelivery,or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim.Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic valueof the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental,consequential, or special is limited to the greater of $100 or the authorized declared value. Recovery cannot exceed actual documented loss.Maximum for items of extraordinary value is $500, e.g. jewelry, precious metals, negotiable instruments and other items listed in our ServiceGuide. Written claims must be filed within strict time limits, see current FedEx Service Guide.

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

July 14, 2010

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

RE: Analytical Results Case Narrative
Analytics # 67163
AMISTAD ACADEMY

Dear Mr. Franklin;

Enclosed please find the analytical results for samples submitted for the above-mentioned project. The attached Cover Page lists the sample IDs, Lab tracking numbers and collection dates for the samples included in this deliverable.

Samples were analyzed Polychlorinated Biphenyls (PCBs) by EPA Method 8082.

Unless otherwise noted in the Non-conformance Summary listed below, all of the quality control (QC) criteria including initial calibration, calibration verification, surrogate recovery, holding time and method accuracy/precision for these analyses were within acceptable limits.

This Level II data package has been assembled in the following order:

Case Narrative/Non-Conformance Summary
Sample Log Sheet - Cover Page
PCB Form 1 Data Sheet for Samples and Blanks
Chromatograms
PCB Form 10 Confirmation Results
PCB Form 3 MS/MSD (LCS) Recoveries
Chain of Custody (COC) Forms

QC NON-CONFORMANCE SUMMARY

Sample Receipt:
No exceptions.

PCBs by EPA Method 8082:
No results were reported below the quantitation limit.

Samples 67163-8 thru 67163-11, 67163-13 and 67163-14 required dilution due to PCB concnentrations that exceeded the calibration range of the instrument.

Samples 67163-7, 67163-10, 67163-11 and 67163-12 had a surrogate outside the laboratory acceptance criteria (see form 2). The secondary surrogate was in control. Results were reported without qualification.

The MS/MSD analyzed on sample 67163-14 did not meet acceptance criteria for PCB recoveries due to the concentrations of PCB 1254 detected in the parent sample. The laboratory control samples (L070810PSOX/LD070810PSOX) were in control for all analytes. Results were reported without qualification.

The closing continuing calibration standard (file#M27487SC) had marginally low recovery (82% &76%) for surrogate Decachlorobiphenyl (DCB) all other analytes were in control. The standard was reanalyzed (file# M27488SC) with similar results. Surrogate results were reported off of column#1 without qualification

If you have any questions on these results, please do not hesitate to contact me.

Sincerely,
ANALYTICS Environmental Laboratory, LLC

Stephen L. Knollmeyer
Laboratory Director

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

Report Number: 67163

Revision: Rev. 0

Re: Amistad Academy (Project No: 223019)

Enclosed are the results of the analyses on your sample(s). Samples were received on 08 July 2010 and analyzed for the tests listed. Samples were received in acceptable condition, with the exceptions noted below or on the chain of custody. These results pertain to samples as received by the laboratory and for the analytical tests requested on the chain of custody. The results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report. Please see individual reports for specific methodologies and references.

Sample Analysis: The attached pages detail the Client Sample IDs, Lab Sample IDs, and Analyses requested

Sample Receipt Exceptions: None

Analytics Environmental Laboratory is certified by the states of New Hampshire, Maine, Massachusetts, Connecticut, Rhode Island, Virginia, Maryland, and is accredited by the Deparment of Defense (DOD) ELAP program. A list of actual certified parameters is available upon request.

If you have any questions on these results, please do not hesitate to contact us.

Authorized signature _____
Stephen L. Knollmeyer Lab. Director

Date 07/15/2010

This report shall not be reproduced, except in full, without the written consent of Analytics Environmental Laboratory, LLC.

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

CLIENT: Woodard & Curran **REPORT NUMBER: 67163** **REV: Rev. 0**

PROJECT: Amistad Academy (Project No: 223019)

Lab Number	Sample Date	Station Location	Analysis	Comments
67163-1	07/06/10	AA-VBS-144	EPA 8082 (PCBs only)	
67163-2	07/06/10	AA-VBS-145	EPA 8082 (PCBs only)	
67163-3	07/06/10	AA-VBS-146	EPA 8082 (PCBs only)	
67163-4	07/06/10	AA-VBS-147	EPA 8082 (PCBs only)	
67163-5	07/07/10	AA-VCC-148	EPA 8082 (PCBs only)	
67163-6	07/07/10	AA-VCC-149	EPA 8082 (PCBs only)	
67163-7	07/07/10	AA-VCC-150	EPA 8082 (PCBs only)	
67163-8	07/07/10	AA-CC-023	EPA 8082 (PCBs only)	
67163-9	07/07/10	AA-CC-024	EPA 8082 (PCBs only)	
67163-10	07/07/10	AA-CC-025	EPA 8082 (PCBs only)	
67163-11	07/07/10	AA-CC-026	EPA 8082 (PCBs only)	
67163-12	07/07/10	AA-CC-030	EPA 8082 (PCBs only)	
67163-13	07/07/10	AA-CC-031	EPA 8082 (PCBs only)	
67163-14	07/07/10	AA-CC-032	Electronic Data Deliverable	
	07/07/10	AA-CC-032	EPA 8082 (PCBs only)	

analytics environmental laboratory LLC

Surrogate Compound Limits

Matrix:	Aqueous	Solid	
Units:	% Recovery	% Recovery	Method
Volatile Organic Compounds - Drinking Water			
1,4-Difluorobenzene	70-130		EPA 524.2
Bromofluorobenzene	70-130		
1,2-Dichlorobenzene-d4	70-130		
Volatile Organic Compounds			
1,2-Dichloroethane-d4	70-120	70-120	EPA 624/8260B
Toluene-d8	85-120	85-120	
Bromofluorobenzene	75-120	75-120	
Semi-Volatile Organic Compounds			
2-Fluorophenol	20-110	35-105	EPA 625/8270C
d5-Phenol	15-110	40-100	
d5-nitrobenzene	40-110	35-100	
2-Fluorobiphenyl	50-110	45-105	
2,4,6-Tribromophenol	40-110	40-125	
d14-p-terphenyl	50-130	30-125	
PAH's by SIM			
d5-nitrobenzene	21-110	35-110	EPA 8270C
2-Fluorobiphenyl	36-121	45-105	
d14-p-terphenyl	33-141	30-125	
Pesticides and PCBs			
2,4,5,6-Tetrachloro-m-xylene (TCX)	46-122	40-130	EPA 608/8082
Decachlorobiphenyl (DCB)	40-135	40-130	
Herbicides			
Dichloroacetic acid (DCAA)	30-150	30-150	
Gasoline Range Organics/TPH Gasoline			
Trifluorotoluene TFT (FID)	60-140	60-140	MEDEP 4217/EPA 8015
Bromofluorobenzene (BFB) (FID)	60-140	60-140	
Trifluorotoluene TFT (PID)	60-140	60-140	
Bromofluorobenzene (BFB) (PID)	60-140	60-140	
Diesel Range Organics/TPH Diesel			
m-terphenyl	60-140	60-140	MEDEP 4125/EPA 8015/CT ETPH
Volatile Petroleum Hydrocarbons			
2,5-Dibromotoluene (PID)	70-130	70-130	MADEP VPH May 2004 Rev1.1
2,5-Dibromotoluene (FID)	70-130	70-130	
Extracatable Petroleum Hydrocarbons			
1-chloro-octadecane (aliphatic)	40-140	40-140	MADEP EPH May 2004 Rev1.1
o-Terphenyl (aromatic)	40-140	40-140	
2-Fluorobiphenyl (Fractionation)	40-140	40-140	
2-Bromonaphthalene (fractionation)	40-140	40-140	

PCB
DATA SUMMARIES

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 14, 2010

SAMPLE DATA

Lab Sample ID: B070810PSOX
Matrix: Soil
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date:
Lab Receipt Date:
Extraction Date: 07/08/10
Analysis Date: 07/13/10

CLIENT SAMPLE ID

Project Name: Amistad Academy
Project Number: 223019
Field Sample ID: Lab QC

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U
PCB-1262	33	U
PCB-1268	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	81	%
Decachlorobiphenyl	55	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB EXT Report

Authorized signature

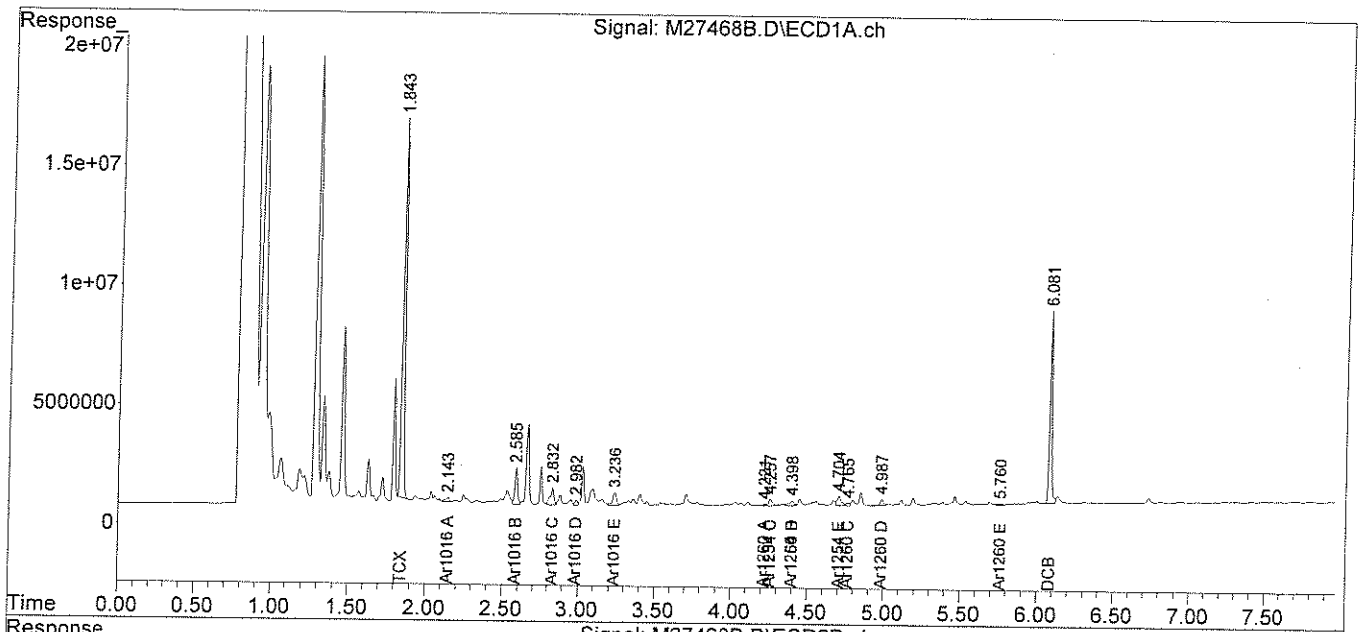
Quantitation Report (QT Reviewed)

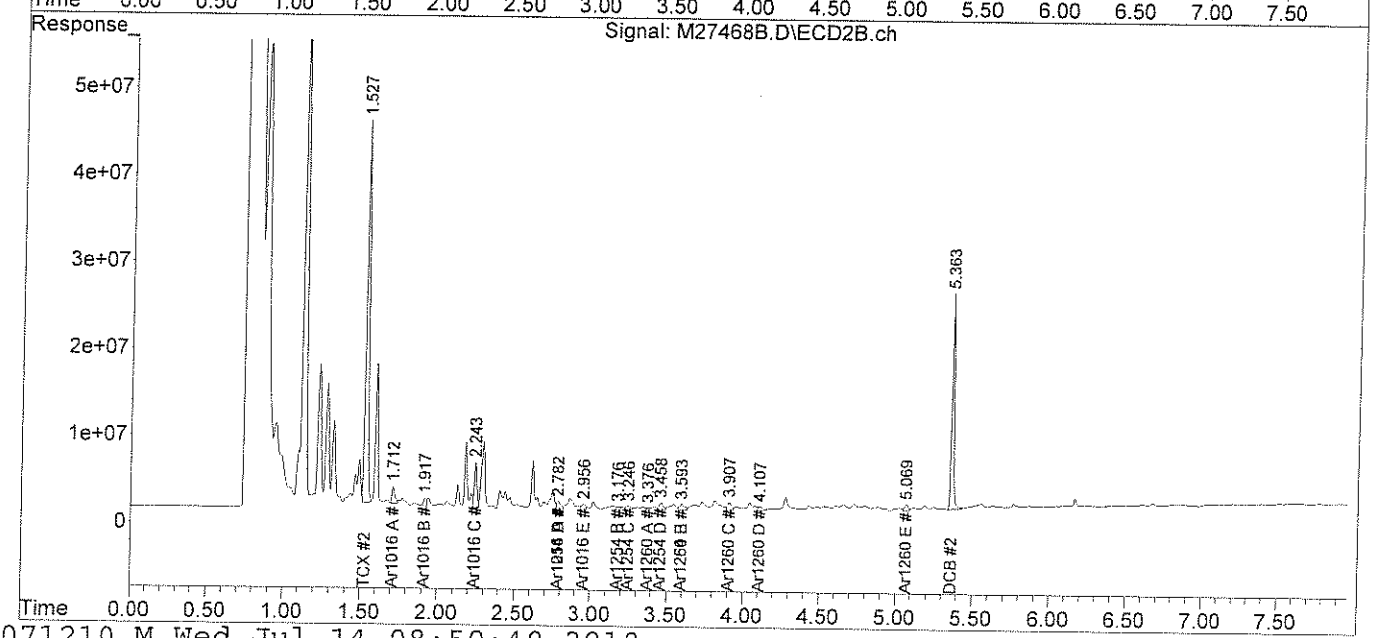
Data Path : C:\msdchem\1\DATA\071210-M\
Data File : M27468B.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Jul 2010 3:36 pm
Operator : JK
Sample : B070810PSOX,,A/C
Misc : SOIL
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 14 08:50:27 2010
Quant Method : C:\msdchem\1\METHODS\PCB071210.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jul 13 08:08:53 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um

JL 07.14.10





37140

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 14, 2010

SAMPLE DATA

Lab Sample ID: B070810PSOX RR
Matrix: Soil
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date:
Lab Receipt Date:
Extraction Date: 07/08/10
Analysis Date: 07/14/10

CLIENT SAMPLE ID

Project Name: Amistad Academy
Project Number: 223019
Field Sample ID: Lab QC

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U
PCB-1262	33	U
PCB-1268	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	82	%
Decachlorobiphenyl	52	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB EXT Report

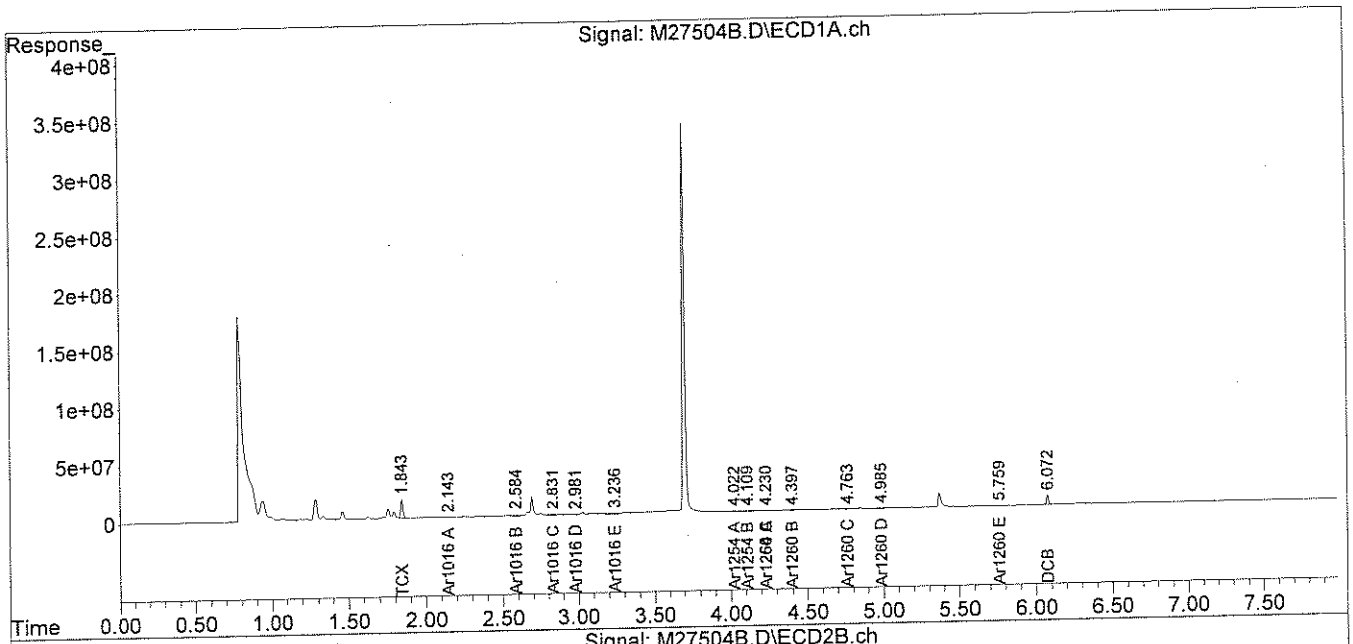
Authorized signature

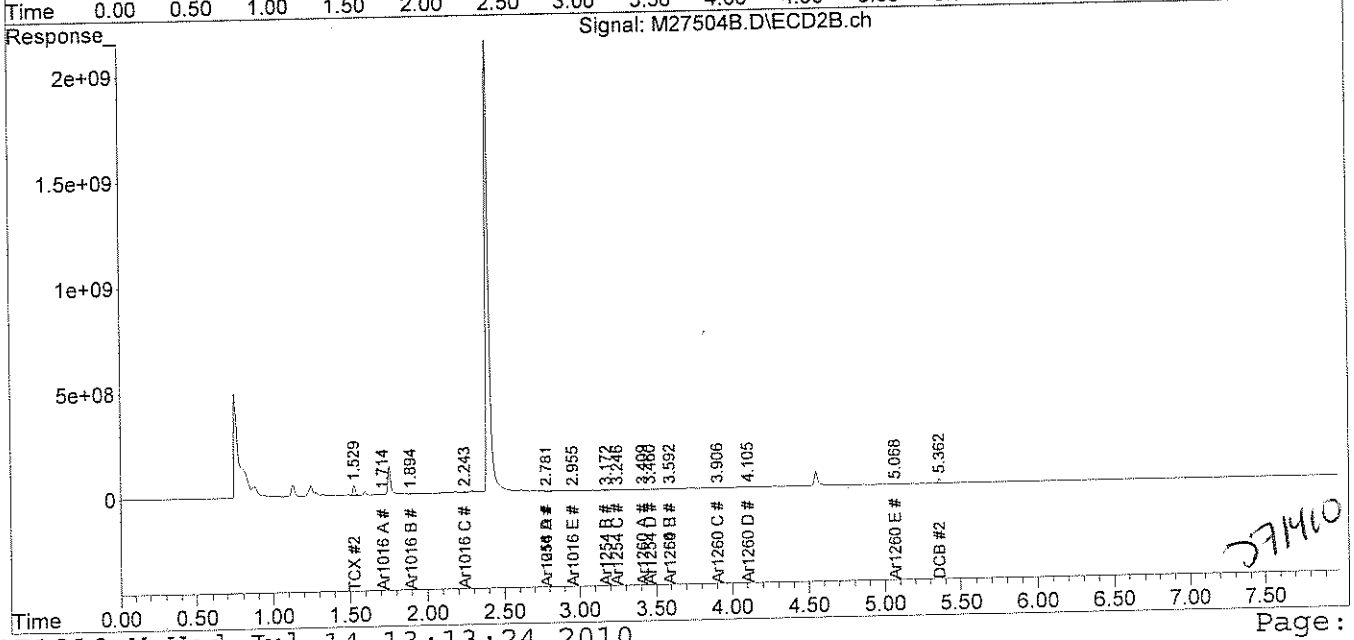
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\071410-M\
Data File : M27504B.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Jul 2010 11:37 am
Operator : JK
Sample : B070810PSOX,RR,,A/C
Misc : SOIL
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 14 13:13:14 2010
Quant Method : C:\msdchem\1\METHODS\PCB071210.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jul 13 07:48:04 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 14, 2010

SAMPLE DATA

Lab Sample ID:	67163-1
Matrix:	Solid
Percent Solid:	96
Dilution Factor:	1.0
Collection Date:	07/06/10
Lab Receipt Date:	07/08/10
Extraction Date:	07/08/10
Analysis Date:	07/13/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VBS-144

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U
PCB-1262	33	U
PCB-1268	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	72	%
Decachlorobiphenyl	53	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB EXT Report

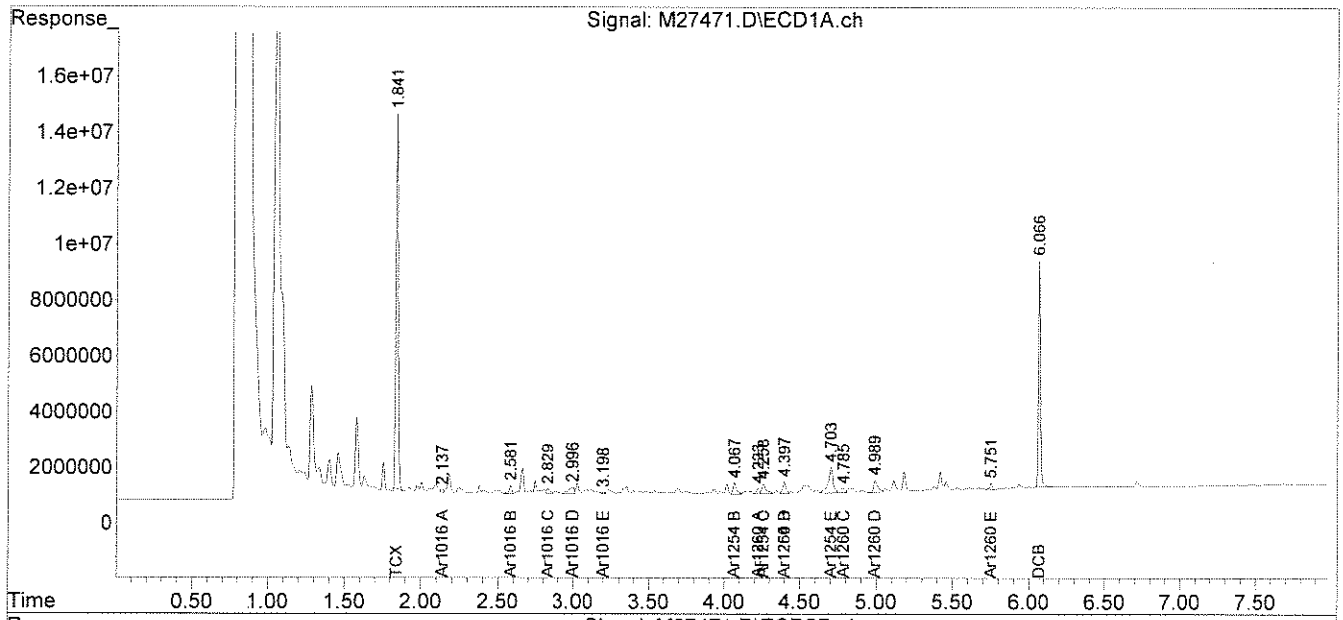
Authorized signature

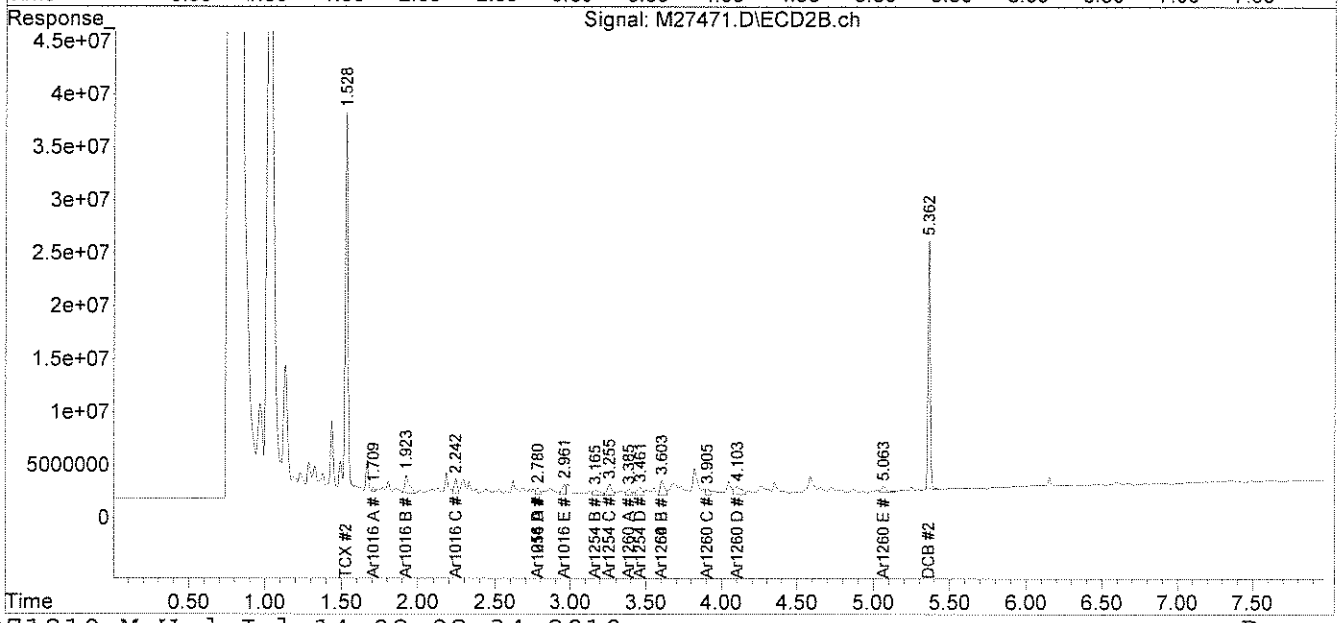
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\071210-M\
Data File : M27471.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Jul 2010 4:07 pm
Operator : JK
Sample : 67163-1,,A/C
Misc : SOIL
ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 14 08:37:20 2010
Quant Method : C:\msdchem\1\METHODS\PCB071210.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jul 13 07:48:04 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 14, 2010

SAMPLE DATA

Lab Sample ID:	67163-2
Matrix:	Solid
Percent Solid:	90
Dilution Factor:	1.1
Collection Date:	07/06/10
Lab Receipt Date:	07/08/10
Extraction Date:	07/08/10
Analysis Date:	07/13/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VBS-145

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	36	U
PCB-1221	36	U
PCB-1232	36	U
PCB-1242	36	U
PCB-1248	36	U
PCB-1254	36	U
PCB-1260	36	U
PCB-1262	36	U
PCB-1268	36	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	80	%
Decachlorobiphenyl	54	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB EXT Report

Authorized signature

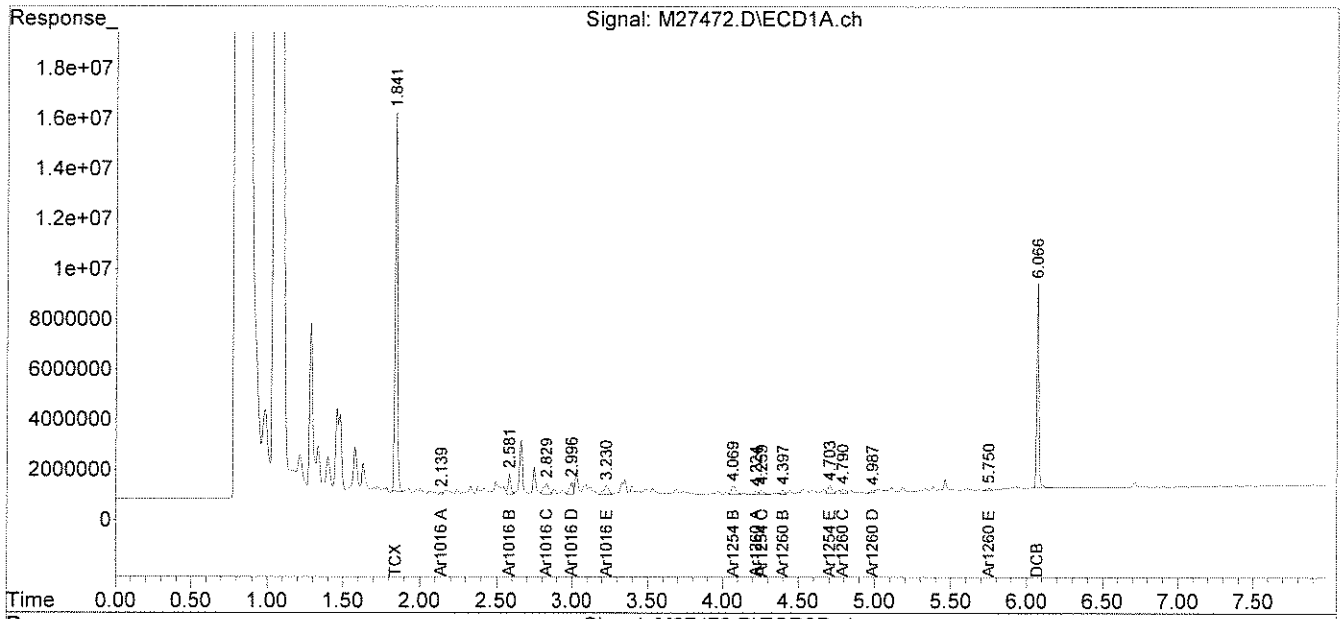
Quantitation Report (QT Reviewed)

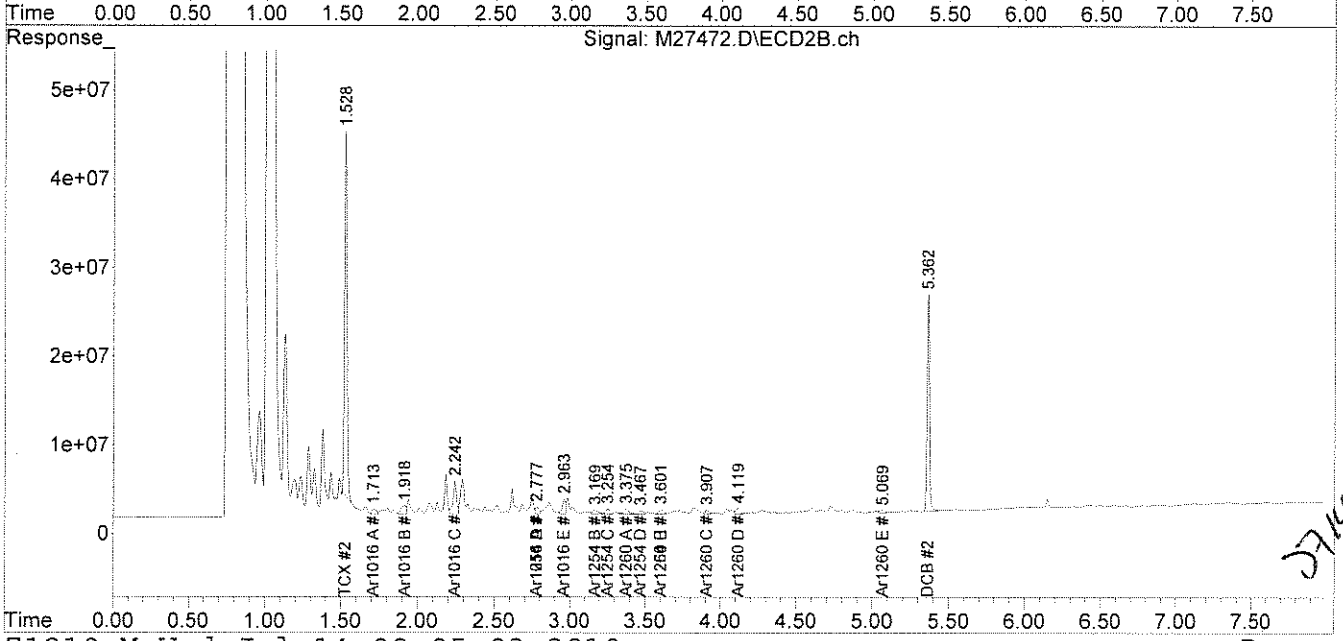
Data Path : C:\msdchem\1\DATA\071210-M\
Data File : M27472.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Jul 2010 4:18 pm
Operator : JK
Sample : 67163-2,,A/C
Misc : SOIL
ALS Vial : 15 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 14 08:37:22 2010
Quant Method : C:\msdchem\1\METHODS\PCB071210.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jul 13 07:48:04 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um

07.14.10





07.14.10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 14, 2010

SAMPLE DATA

Lab Sample ID:	67163-3
Matrix:	Solid
Percent Solid:	100
Dilution Factor:	1.0
Collection Date:	07/06/10
Lab Receipt Date:	07/08/10
Extraction Date:	07/08/10
Analysis Date:	07/13/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VBS-146

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U
PCB-1262	33	U
PCB-1268	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	80	%
Decachlorobiphenyl	54	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB EXT Report

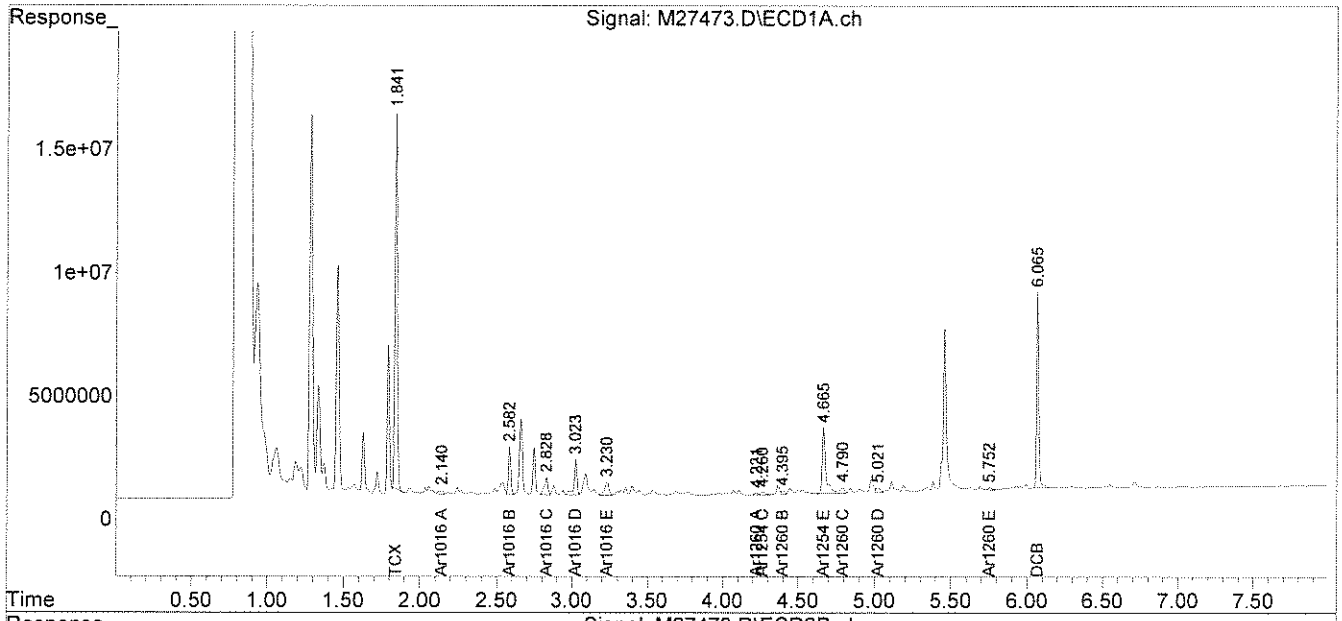
Authorized signature

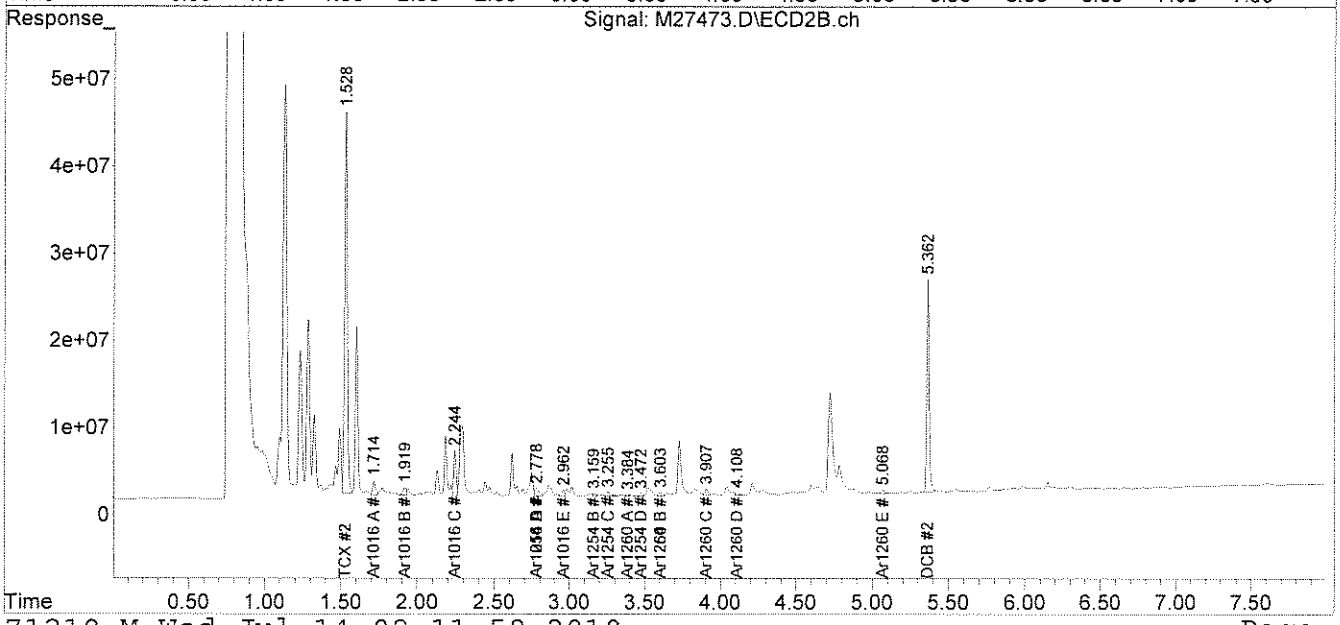
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\071210-M\
Data File : M27473.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Jul 2010 4:28 pm
Operator : JK
Sample : 67163-3,,A/C
Misc : SOIL
ALS Vial : 16 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 14 09:10:24 2010
Quant Method : C:\msdchem\1\METHODS\PCB071210.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jul 13 07:48:04 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 14, 2010

SAMPLE DATA

Lab Sample ID:	67163-4
Matrix:	Solid
Percent Solid:	97
Dilution Factor:	1.0
Collection Date:	07/06/10
Lab Receipt Date:	07/08/10
Extraction Date:	07/08/10
Analysis Date:	07/13/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VBS-147

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U
PCB-1262	33	U
PCB-1268	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	83	%
Decachlorobiphenyl	56	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB EXT Report

Authorized signature

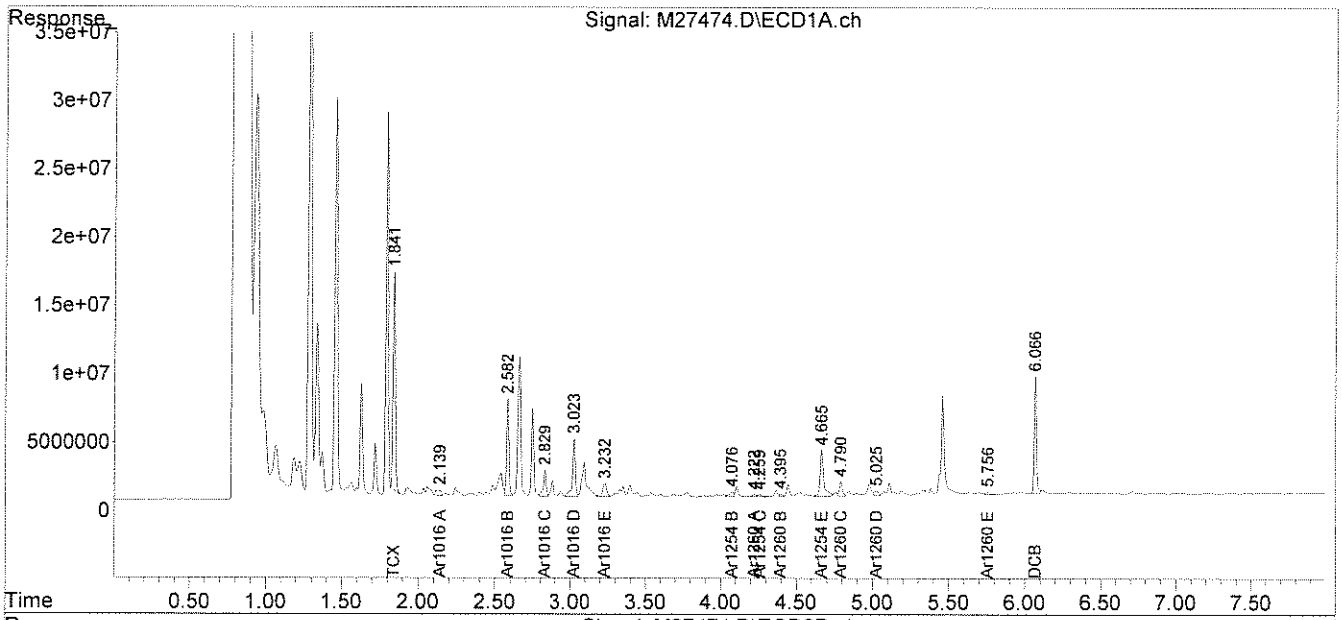
Quantitation Report (QT Reviewed)

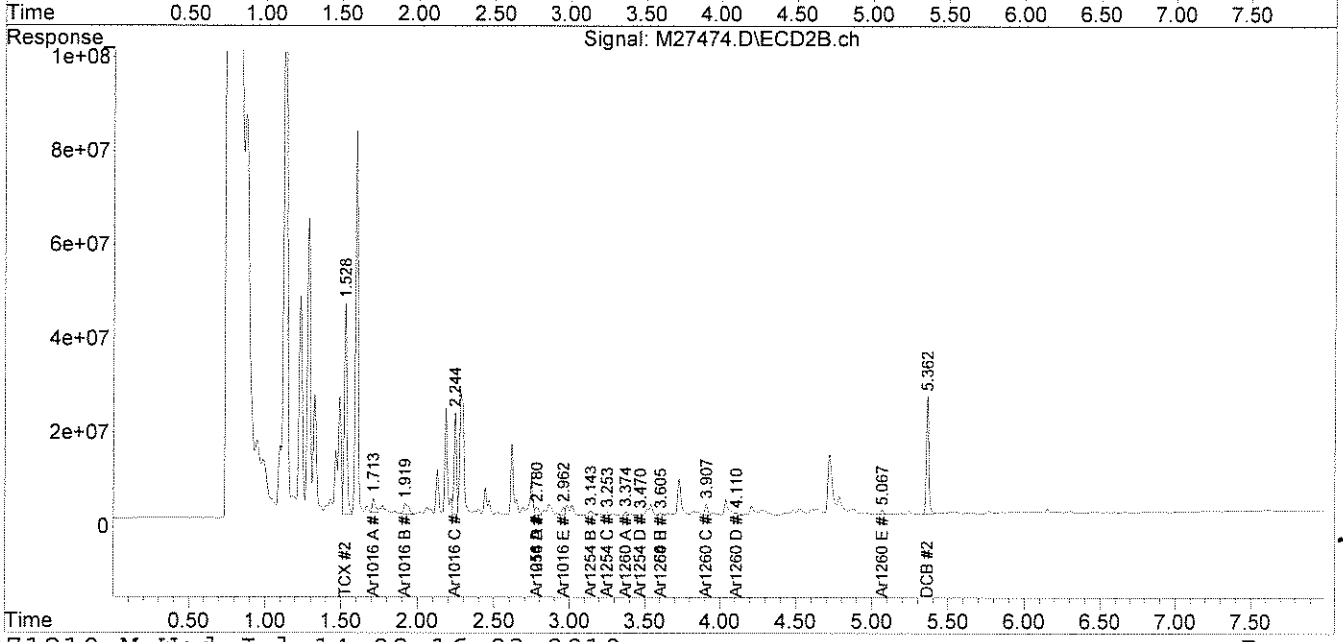
Data Path : C:\msdchem\1\DATA\071210-M\
Data File : M27474.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Jul 2010 4:38 pm
Operator : JK
Sample : 67163-4,,A/C
Misc : SOIL
ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 14 09:15:54 2010
Quant Method : C:\msdchem\1\METHODS\PCB071210.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jul 13 07:48:04 2010
Response via : Initial Calibration
Integrator: ChemStation

07-14-10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





07/14/10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 14, 2010

SAMPLE DATA

Lab Sample ID:	67163-5
Matrix:	Solid
Percent Solid:	91
Dilution Factor:	1.1
Collection Date:	07/07/10
Lab Receipt Date:	07/08/10
Extraction Date:	07/08/10
Analysis Date:	07/13/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VCC-148

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	36	U
PCB-1221	36	U
PCB-1232	36	U
PCB-1242	36	U
PCB-1248	36	U
PCB-1254	36	**337**
PCB-1260	36	U
PCB-1262	36	U
PCB-1268	36	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	125	%
Decachlorobiphenyl	57	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB EXT Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67163
Sample: 67163-5,,A/C
Data File: M27475.D
Dilution Factor: 1.1

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	337	292	14.2	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

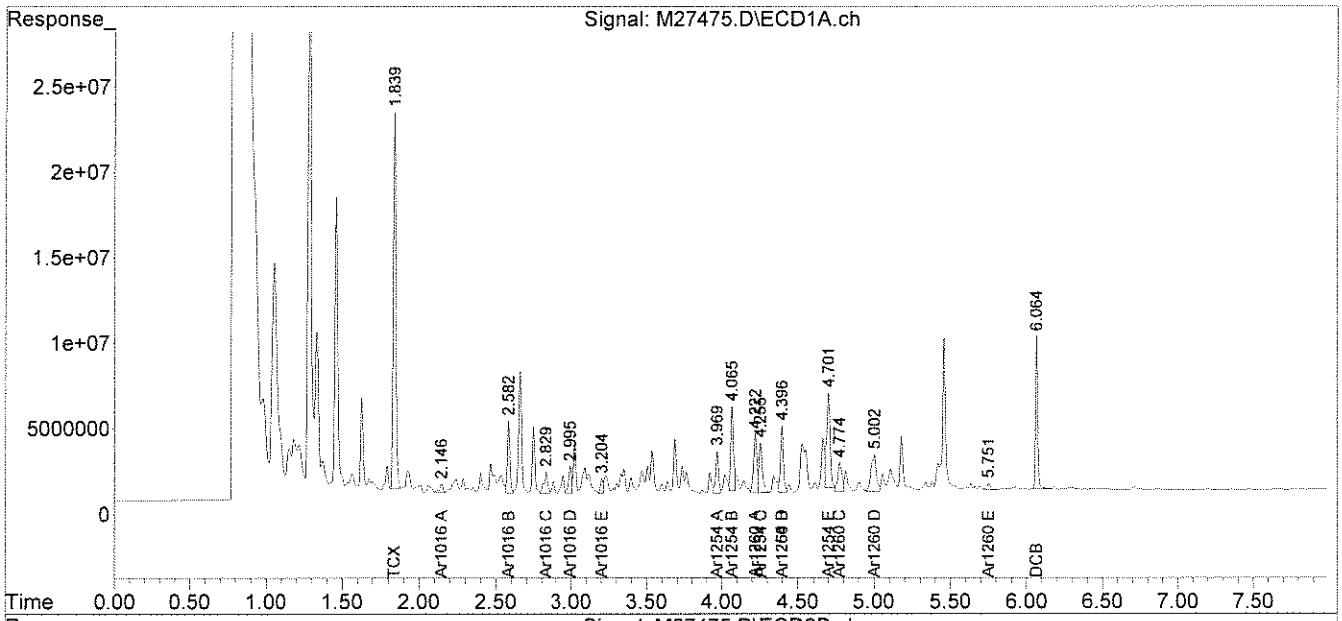
Quantitation Report (QT Reviewed)

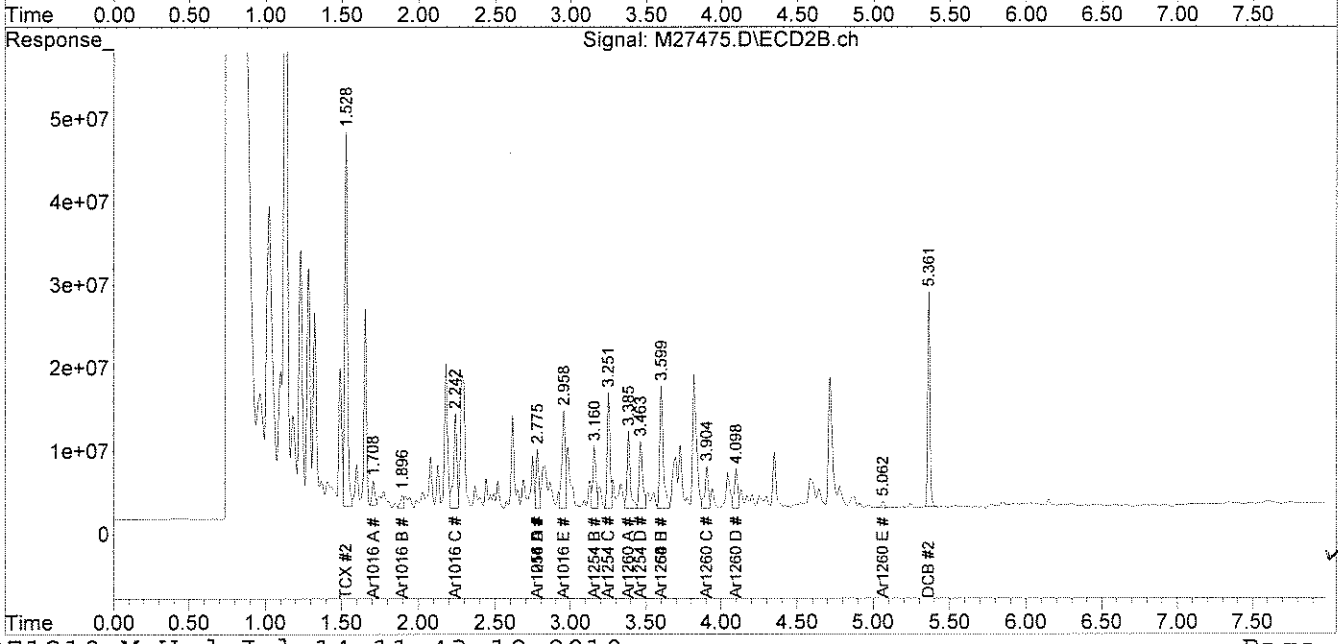
Data Path : C:\msdchem\1\DATA\071210-M\
Data File : M27475.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Jul 2010 4:49 pm
Operator : JK
Sample : 67163-5,,A/C
Misc : SOIL
ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 14 11:43:08 2010
Quant Method : C:\msdchem\1\METHODS\PCB071210.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jul 13 07:48:04 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um

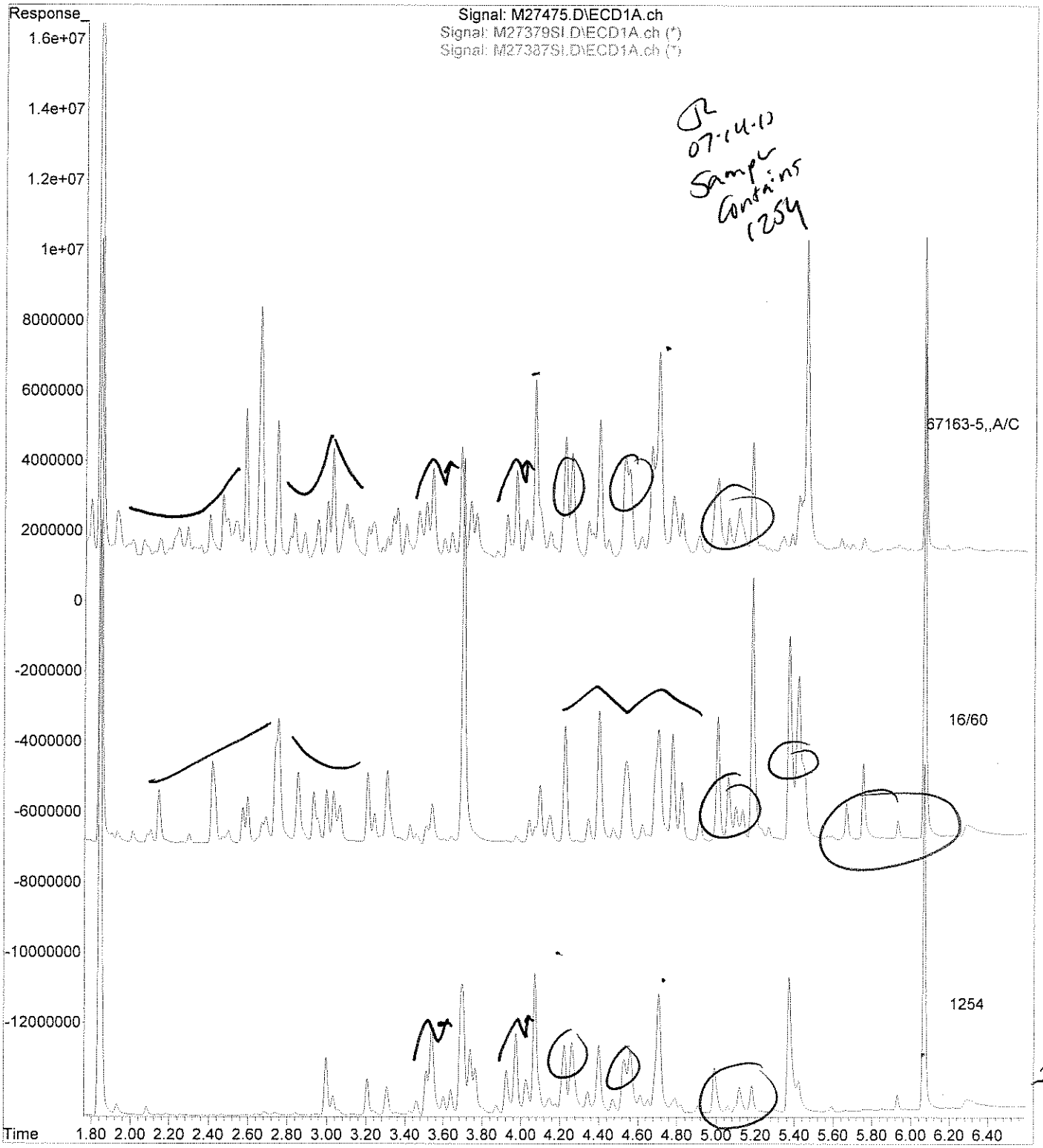
JL 07-14-10





571410

File :C:\msdchem\1\DATA\071210-M\M27475.D
Operator : JK
Acquired : 13 Jul 2010 4:49 pm using AcqMethod PEST.M
Instrument : Instrument M
Sample Name: 67163-5,,A/C
Misc Info : SOIL
Vial Number: 18



analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 14, 2010

SAMPLE DATA

Lab Sample ID:	67163-6
Matrix:	Solid
Percent Solid:	85
Dilution Factor:	1.1
Collection Date:	07/07/10
Lab Receipt Date:	07/08/10
Extraction Date:	07/08/10
Analysis Date:	07/13/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VCC-149

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	36	U
PCB-1221	36	U
PCB-1232	36	U
PCB-1242	36	U
PCB-1248	36	U
PCB-1254	36	**610**
PCB-1260	36	U
PCB-1262	36	U
PCB-1268	36	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	74	%
Decachlorobiphenyl	51	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB EXT Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67163
Sample: 67163-6,,A/C
Data File: M27476.D
Dilution Factor: 1.1

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	610	490	21.7	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

PCB FORM 10

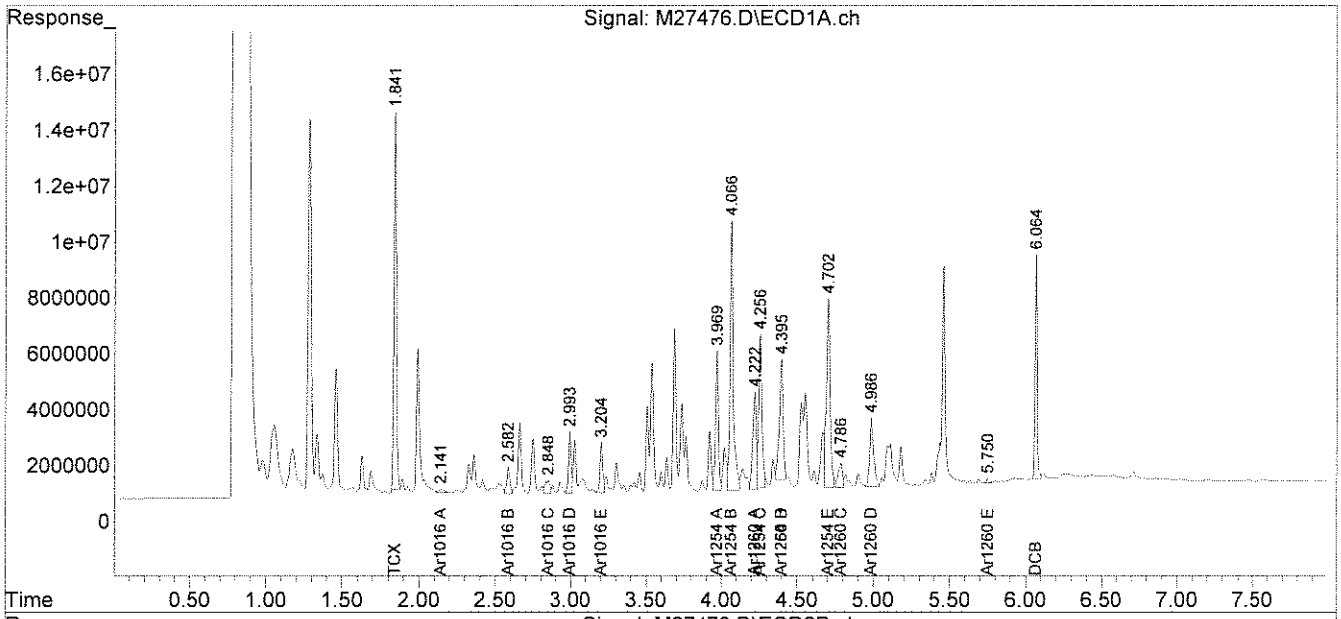
Quantitation Report (QT Reviewed)

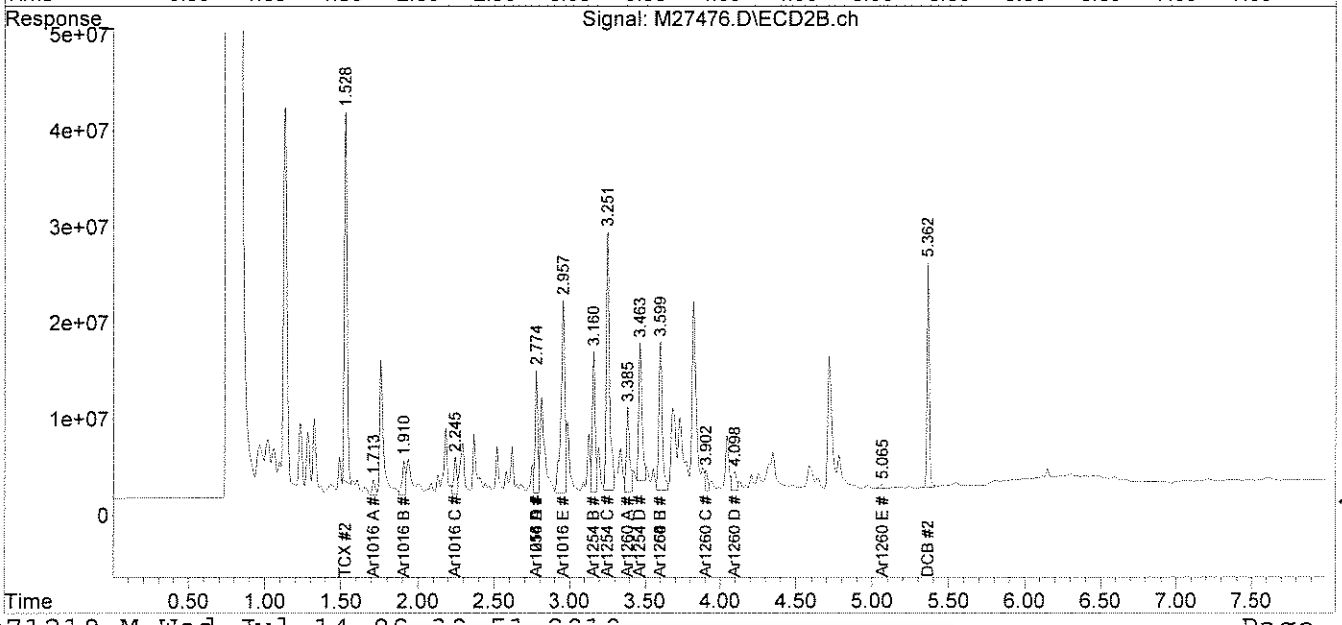
Data Path : C:\msdchem\1\DATA\071210-M\
Data File : M27476.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Jul 2010 4:59 pm
Operator : JK
Sample : 67163-6,,A/C
Misc : SOIL
ALS Vial : 19 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 14 09:30:29 2010
Quant Method : C:\msdchem\1\METHODS\PCB071210.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jul 13 07:48:04 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um

07.14.10





37140

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 14, 2010

SAMPLE DATA

Lab Sample ID: 67163-7
Matrix: Solid
Percent Solid: 99
Dilution Factor: 1.0
Collection Date: 07/07/10
Lab Receipt Date: 07/08/10
Extraction Date: 07/08/10
Analysis Date: 07/13/10

CLIENT SAMPLE ID

Project Name: Amistad Academy
Project Number: 223019
Field Sample ID: AA-VCC-150

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	**76**
PCB-1260	33	U
PCB-1262	33	U
PCB-1268	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	65	%
Decachlorobiphenyl	45	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB EXT Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67163
Sample: 67163-7,,A/C
Data File: M27477.D
Dilution Factor: 1.0

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	76	68	10.0	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

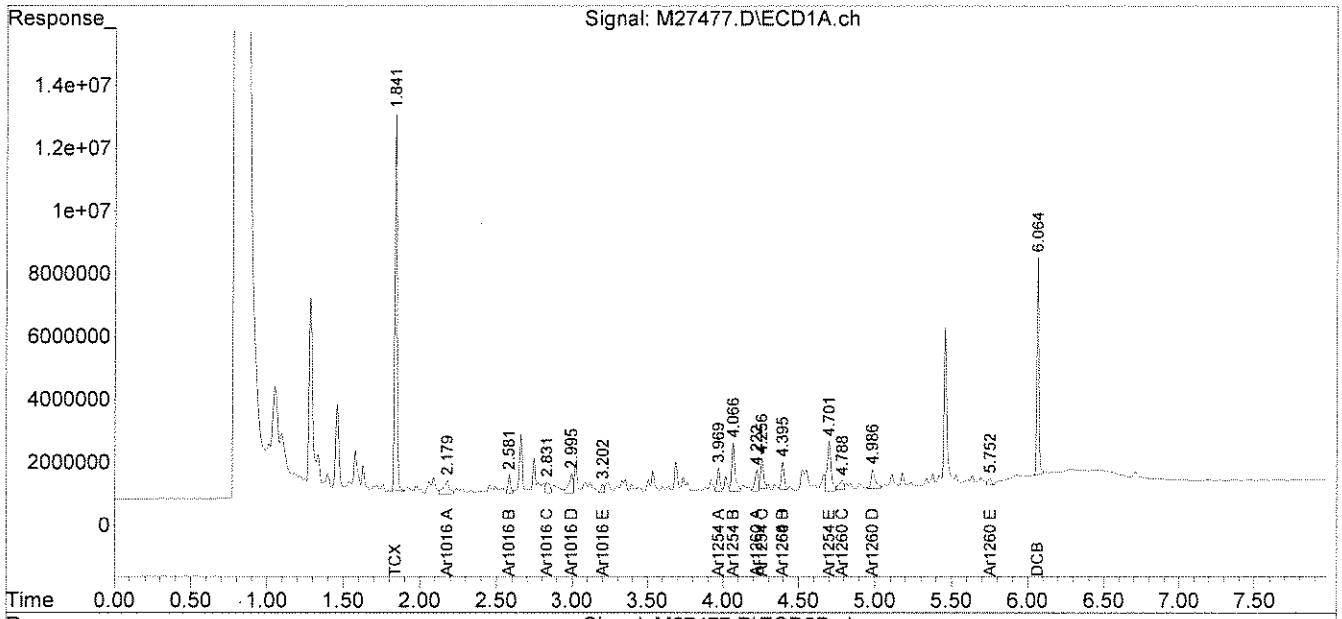
PCB FORM 10

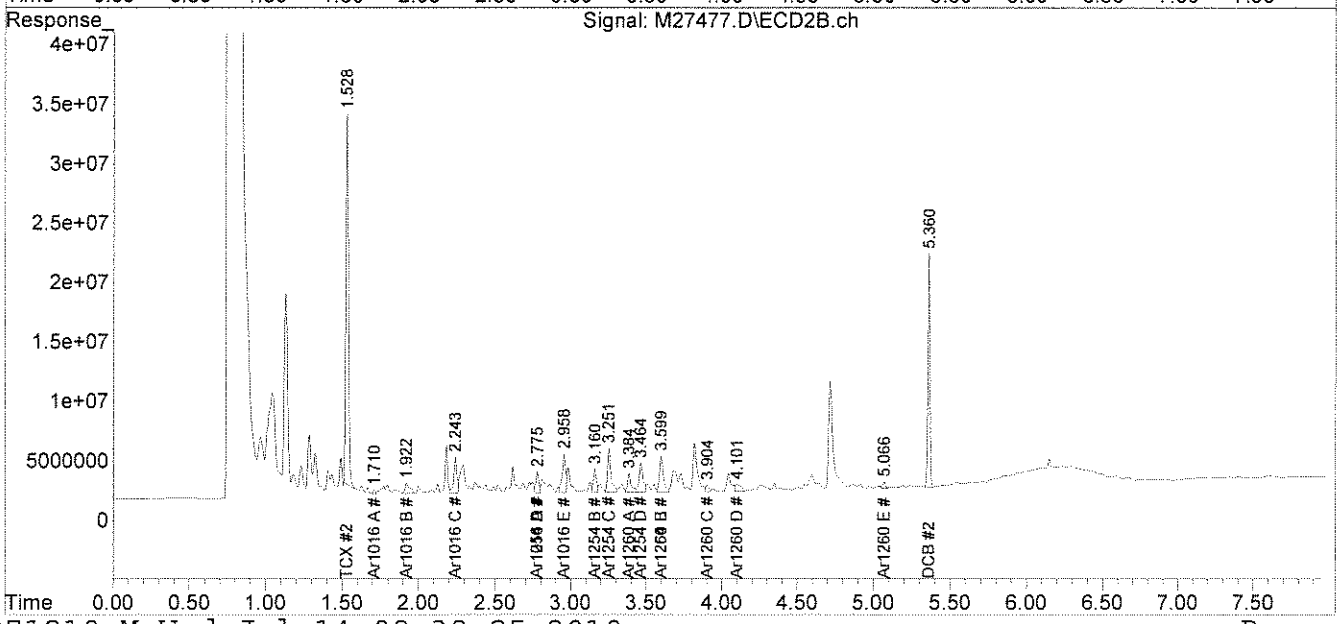
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\071210-M\
Data File : M27477.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Jul 2010 5:09 pm
Operator : JK
Sample : 67163-7,,A/C
Misc : SOIL
ALS Vial : 20 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 14 09:38:15 2010
Quant Method : C:\msdchem\1\METHODS\PCB071210.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jul 13 07:48:04 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 14, 2010

SAMPLE DATA

Lab Sample ID:	67163-8
Matrix:	Solid
Percent Solid:	85
Dilution Factor:	6
Collection Date:	07/07/10
Lab Receipt Date:	07/08/10
Extraction Date:	07/08/10
Analysis Date:	07/14/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-CC-023

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	200	U
PCB-1221	200	U
PCB-1232	200	U
PCB-1242	200	U
PCB-1248	200	U
PCB-1254	200	**2370**
PCB-1260	200	U
PCB-1262	200	U
PCB-1268	200	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	109	%
Decachlorobiphenyl	76	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB EXT Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67163
Sample: 67163-8,1:5,,A/C
Data File: M27505.D
Dilution Factor: 5.7

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	2369	1900	22.0	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

PCB FORM 10

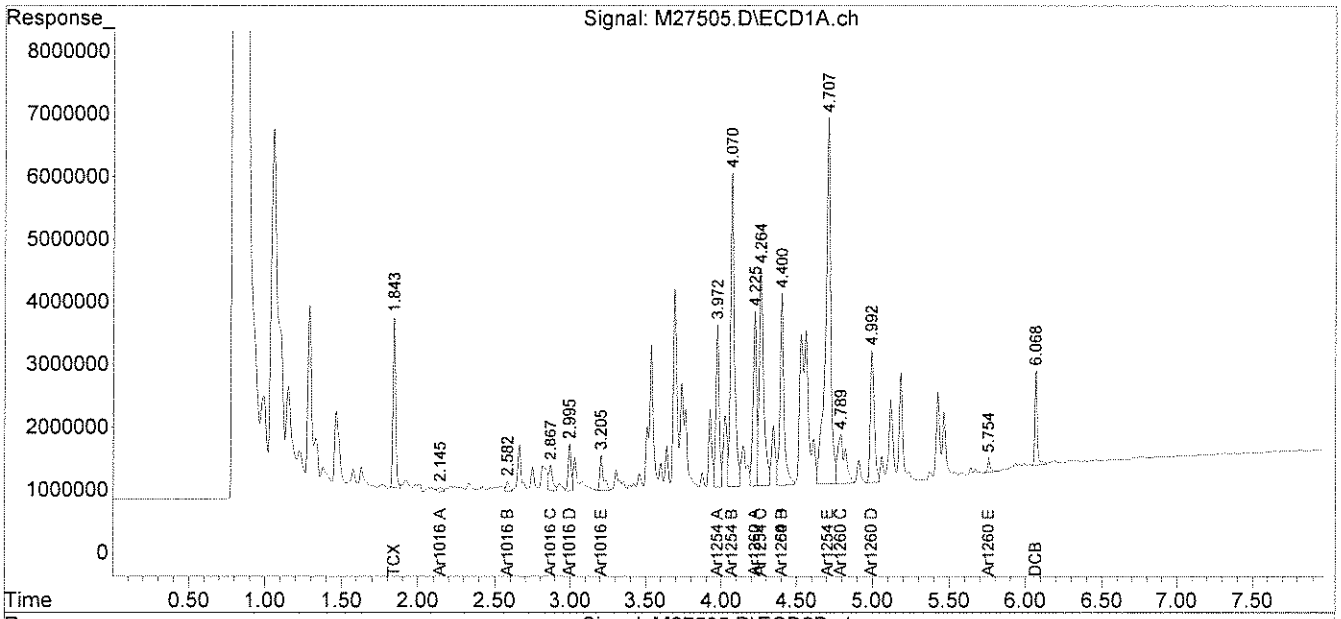
Quantitation Report (QT Reviewed)

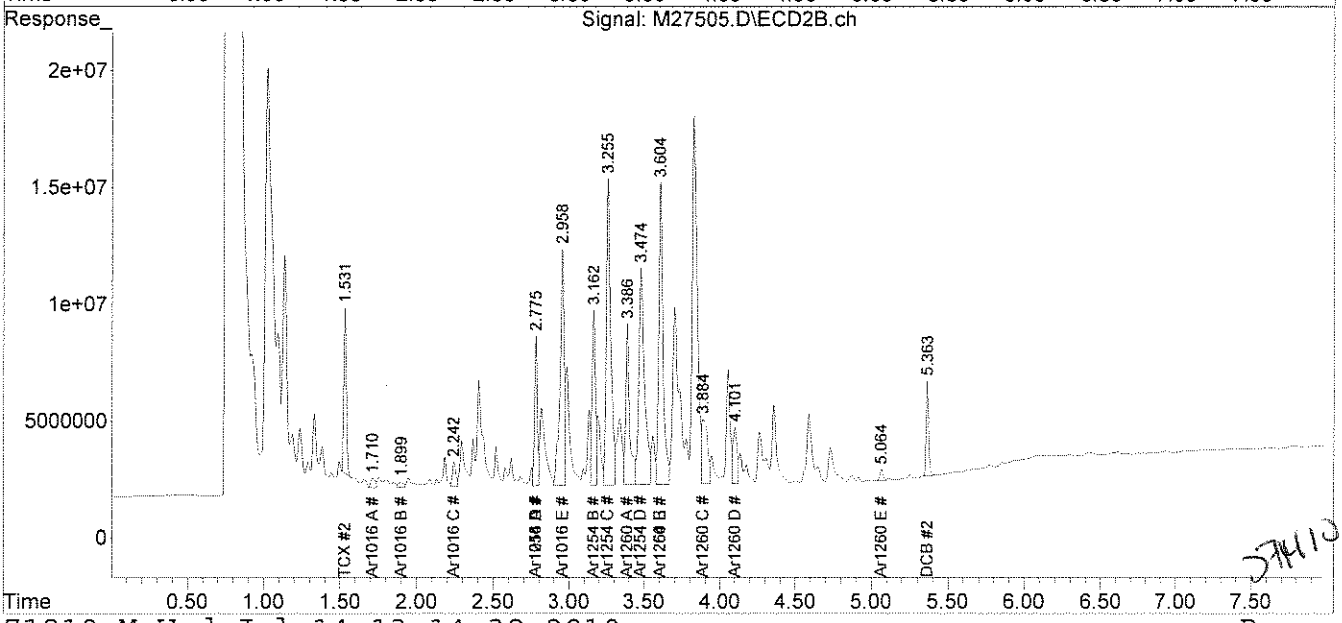
Data Path : C:\msdchem\1\DATA\071410-M\
Data File : M27505.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Jul 2010 11:47 am
Operator : JK
Sample : 67163-8,1:5,,A/C
Misc : SOIL
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 14 13:08:55 2010
Quant Method : C:\msdchem\1\METHODS\PCB071210.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jul 13 07:48:04 2010
Response via : Initial Calibration
Integrator: ChemStation

JL 07.14.10

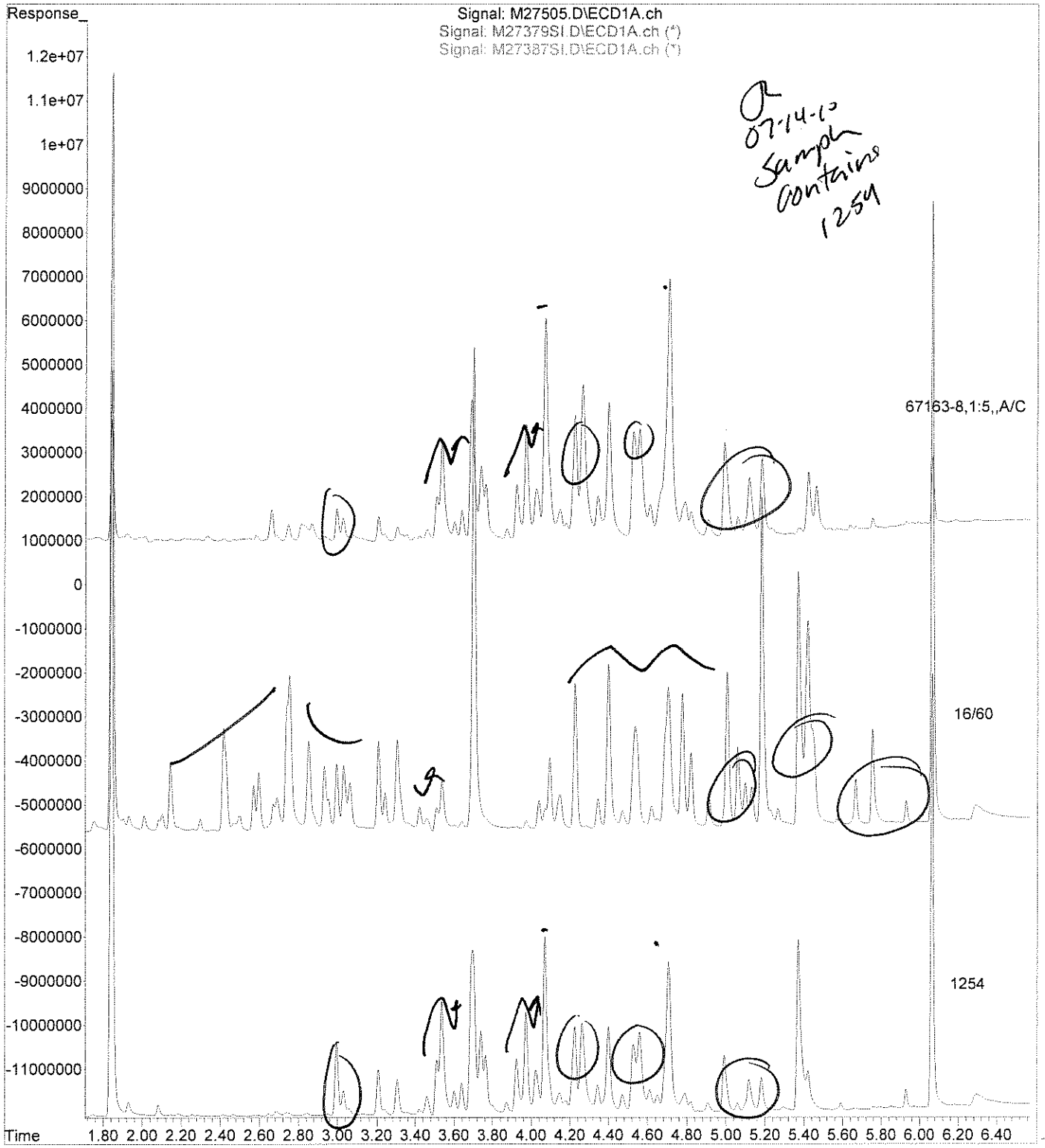
Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





7/14/10

File :C:\msdchem\1\DATA\071410-M\M27505.D
Operator : JK
Acquired : 14 Jul 2010 11:47 am using AcqMethod PEST.M
Instrument : Instrument M
Sample Name: 67163-8,1:5,,A/C
Misc Info : SOIL
Vial Number: 12



071410

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 14, 2010

SAMPLE DATA

Lab Sample ID:	67163-9
Matrix:	Solid
Percent Solid:	94
Dilution Factor:	50
Collection Date:	07/07/10
Lab Receipt Date:	07/08/10
Extraction Date:	07/08/10
Analysis Date:	07/14/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-CC-024

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	1650	U
PCB-1221	1650	U
PCB-1232	1650	U
PCB-1242	1650	U
PCB-1248	1650	U
PCB-1254	1650	**20300**
PCB-1260	1650	U
PCB-1262	1650	U
PCB-1268	1650	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	*	%
Decachlorobiphenyl	*	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.
* The surrogates were diluted out.

PCB EXT Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67163
Sample: 67163-9,1:50,,A/C
Data File: M27506.D
Dilution Factor: 49.7

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	20270	18066	11.5	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

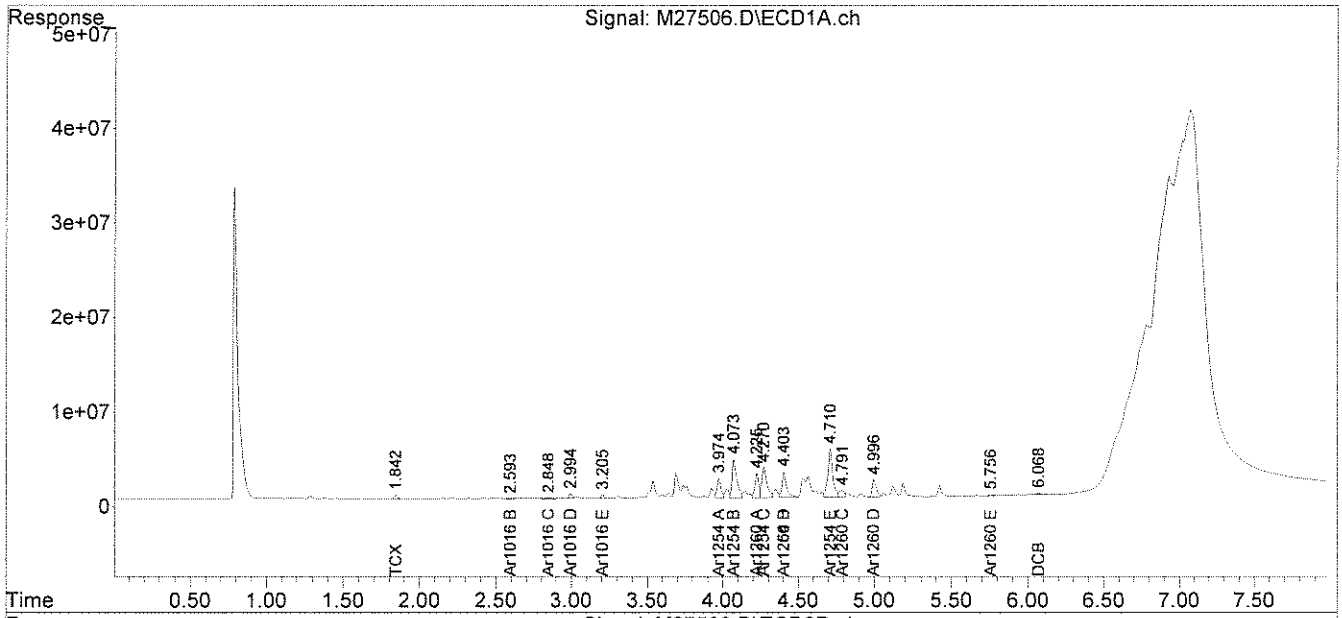
PCB FORM 10

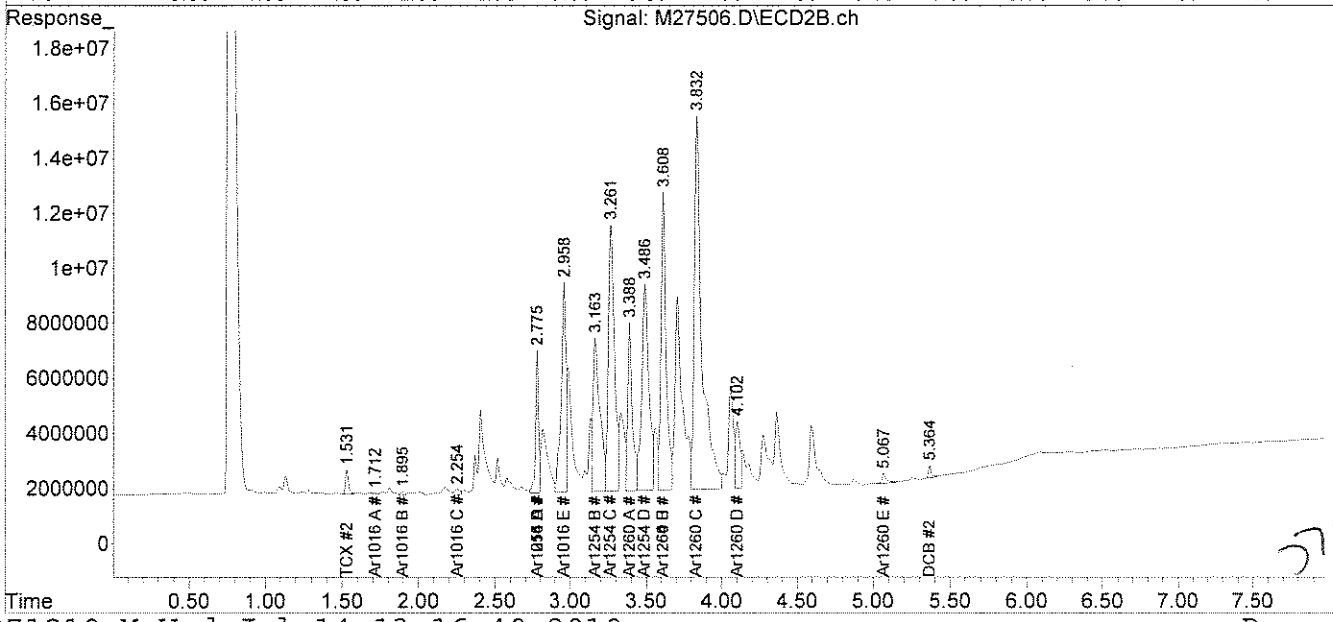
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\071410-M\
Data File : M27506.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Jul 2010 11:58 am
Operator : JK
Sample : 67163-9,1:50,,A/C
Misc : SOIL
ALS Vial : 13 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 14 13:09:03 2010
Quant Method : C:\msdchem\1\METHODS\PCB071210.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jul 13 07:48:04 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 14, 2010

SAMPLE DATA

Lab Sample ID:	67163-10
Matrix:	Solid
Percent Solid:	92
Dilution Factor:	10
Collection Date:	07/07/10
Lab Receipt Date:	07/08/10
Extraction Date:	07/08/10
Analysis Date:	07/14/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-CC-025

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	330	U
PCB-1221	330	U
PCB-1232	330	U
PCB-1242	330	U
PCB-1248	330	U
PCB-1254	330	**4930**
PCB-1260	330	U
PCB-1262	330	U
PCB-1268	330	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	129	%
Decachlorobiphenyl	98	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB EXT Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67163
Sample: 67163-10,1:10,,A/C
Data File: M27507.D
Dilution Factor: 10.2

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	4928	4603	6.8	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

PCB FORM 10

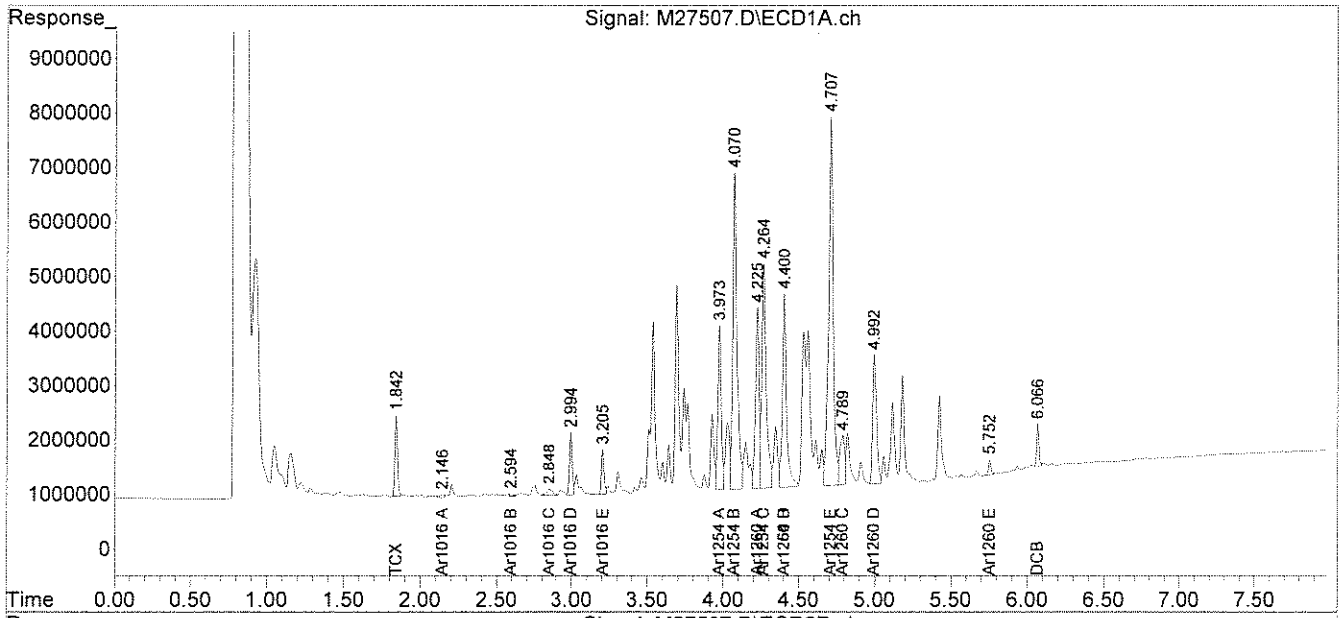
Quantitation Report (QT Reviewed)

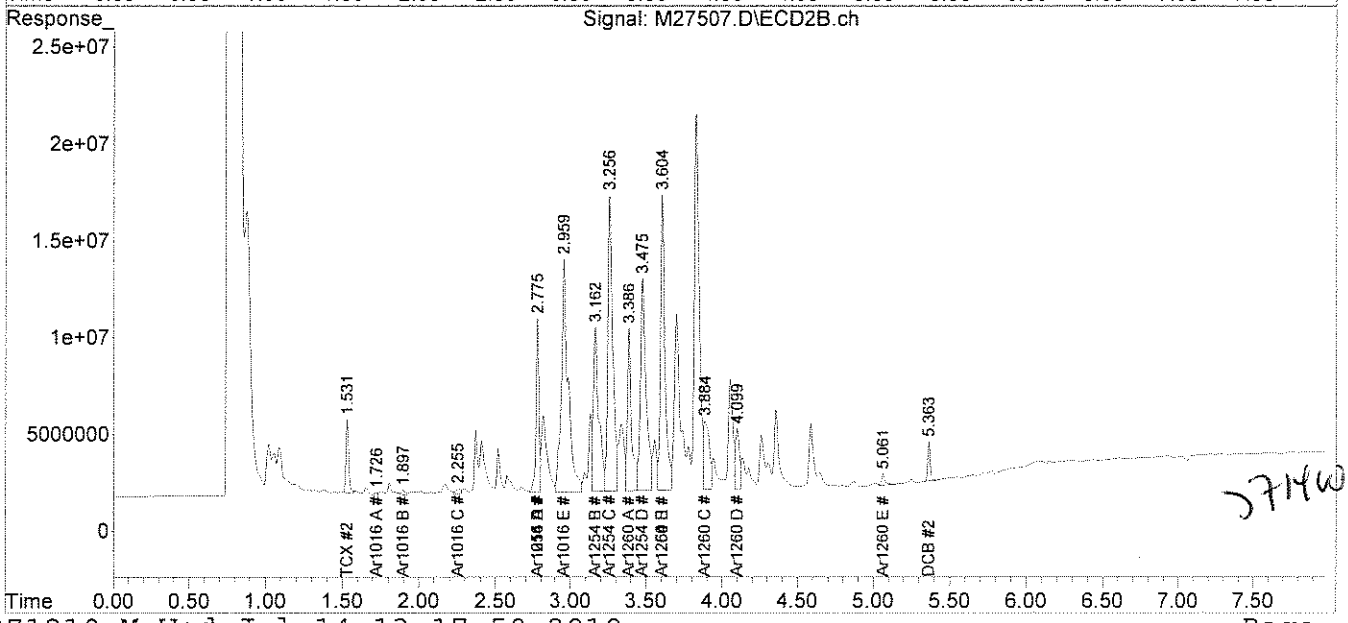
Data Path : C:\msdchem\1\DATA\071410-M\
Data File : M27507.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Jul 2010 12:08 pm
Operator : JK
Sample : 67163-10,1:10,,A/C
Misc : SOIL
ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 14 13:17:41 2010
Quant Method : C:\msdchem\1\METHODS\PCB071210.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jul 13 07:48:04 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um

JR 07-14-10





JR 07-14-10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 14, 2010

SAMPLE DATA

Lab Sample ID:	67163-11
Matrix:	Solid
Percent Solid:	86
Dilution Factor:	6
Collection Date:	07/07/10
Lab Receipt Date:	07/08/10
Extraction Date:	07/08/10
Analysis Date:	07/14/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-CC-026

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	200	U
PCB-1221	200	U
PCB-1232	200	U
PCB-1242	200	U
PCB-1248	200	U
PCB-1254	200	**2190**
PCB-1260	200	U
PCB-1262	200	U
PCB-1268	200	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	103	%
Decachlorobiphenyl	74	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB EXT Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67163
Sample: 67163-11,1:5,,A/C
Data File: M27508.D
Dilution Factor: 5.6

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	2185	2044	6.7	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

PCB FORM 10

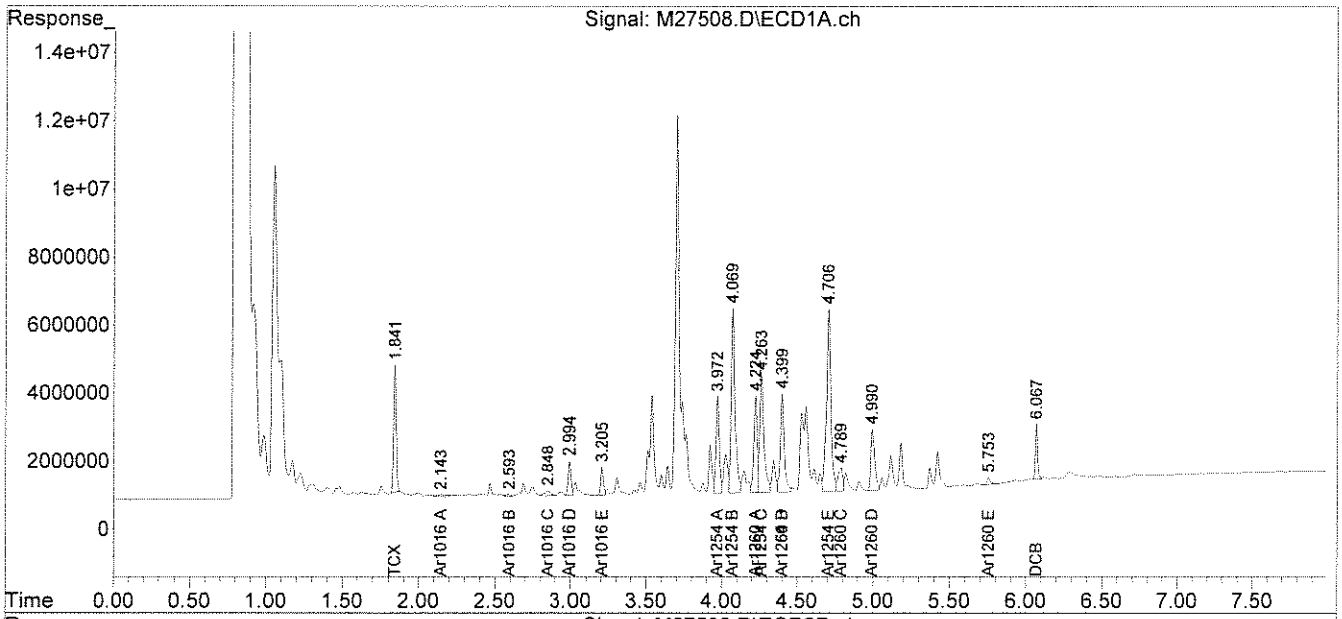
Quantitation Report (QT Reviewed)

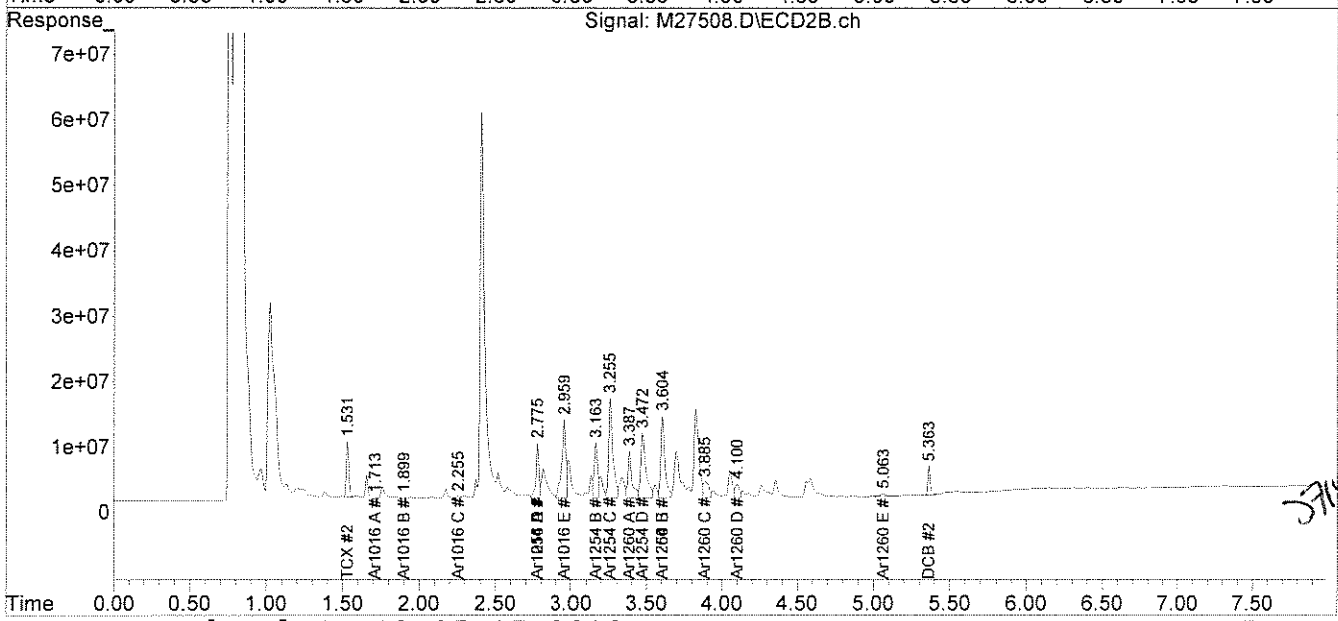
Data Path : C:\msdchem\1\DATA\071410-M\
Data File : M27508.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Jul 2010 12:18 pm
Operator : JK
Sample : 67163-11,1:5,,A/C
Misc : SOIL
ALS Vial : 15 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 14 13:25:06 2010
Quant Method : C:\msdchem\1\METHODS\PCB071210.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jul 13 07:48:04 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um

JR 07-14-10





JR 7/14/10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 14, 2010

SAMPLE DATA

Lab Sample ID:	67163-12
Matrix:	Solid
Percent Solid:	92
Dilution Factor:	1.0
Collection Date:	07/07/10
Lab Receipt Date:	07/08/10
Extraction Date:	07/08/10
Analysis Date:	07/13/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-CC-030

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	**424**
PCB-1260	33	U
PCB-1262	33	U
PCB-1268	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	139*	%
Decachlorobiphenyl	49	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.
* Surrogate recovery outside control limits. Secondary surrogate is in control.

PCB EXT Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67163
Sample: 67163-12,,A/C
Data File: M27482.D
Dilution Factor: 1.0

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	424	377	11.7	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

PCB FORM 10

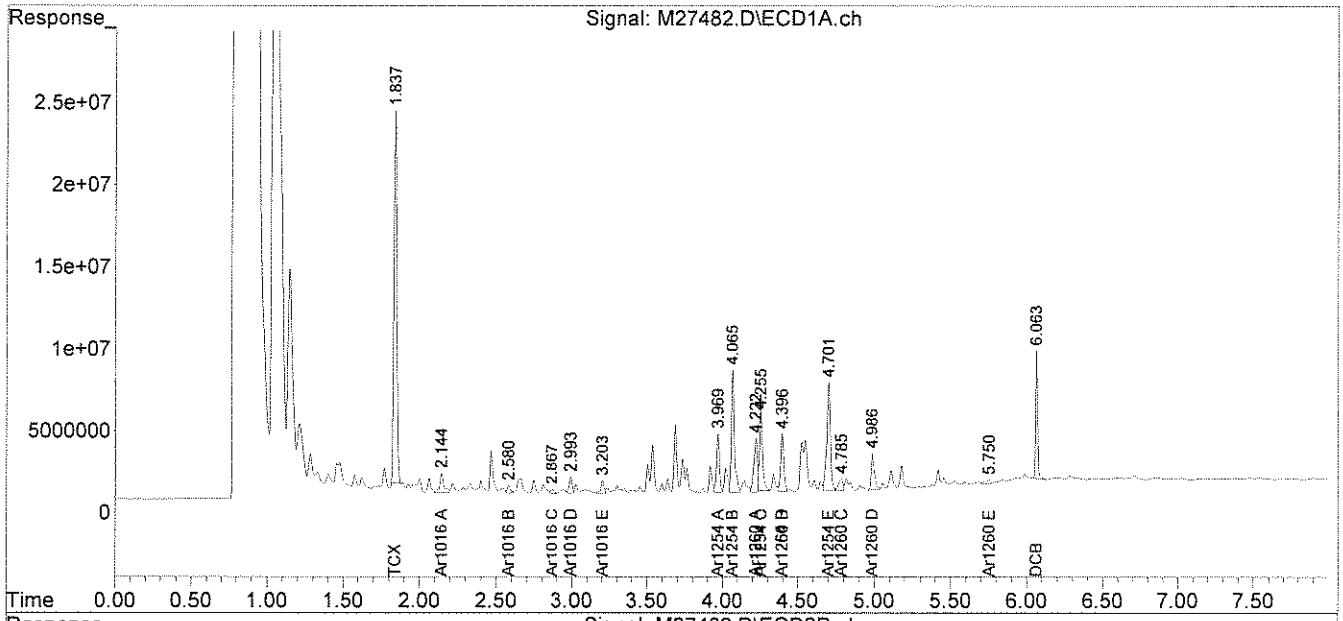
Quantitation Report (QT Reviewed)

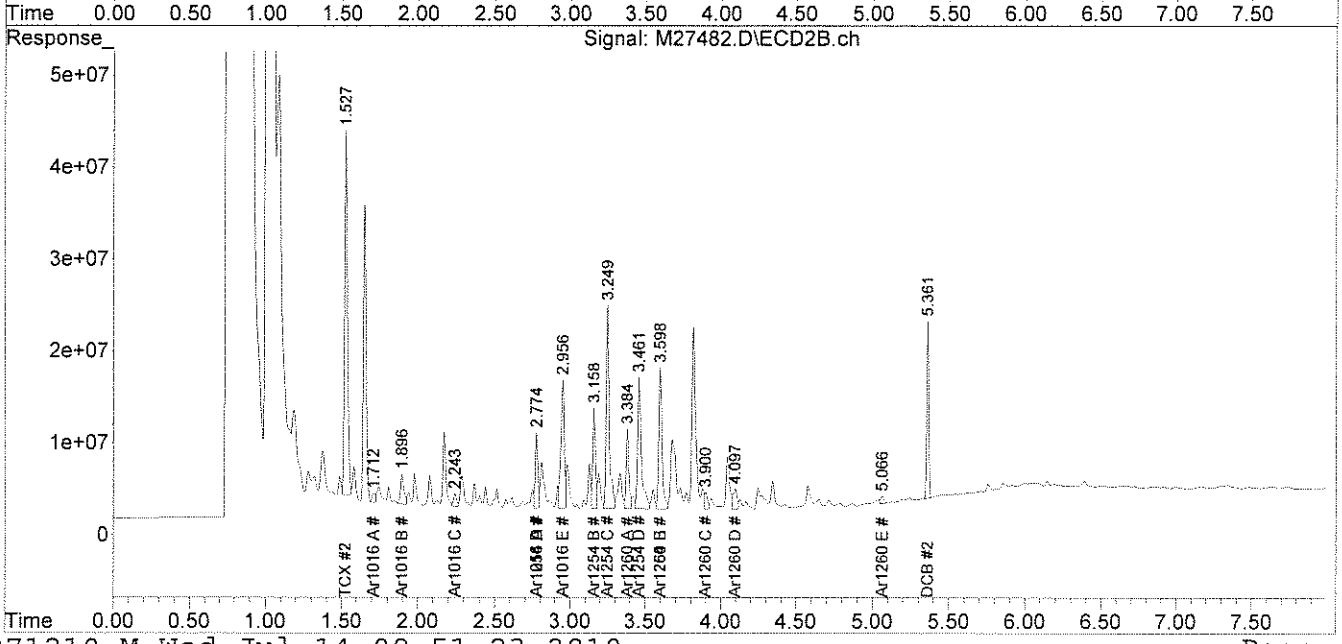
Data Path : C:\msdchem\1\DATA\071210-M\
Data File : M27482.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Jul 2010 6:01 pm
Operator : JK
Sample : 67163-12,,A/C
Misc : SOIL
ALS Vial : 25 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 14 09:51:15 2010
Quant Method : C:\msdchem\1\METHODS\PCB071210.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jul 13 07:48:04 2010
Response via : Initial Calibration
Integrator: ChemStation

07-14-10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





07/14/10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 14, 2010

SAMPLE DATA

Lab Sample ID:	67163-13
Matrix:	Solid
Percent Solid:	96
Dilution Factor:	506
Collection Date:	07/07/10
Lab Receipt Date:	07/08/10
Extraction Date:	07/08/10
Analysis Date:	07/14/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-CC-031

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	16700	U
PCB-1221	16700	U
PCB-1232	16700	U
PCB-1242	16700	U
PCB-1248	16700	U
PCB-1254	16700	**130000**
PCB-1260	16700	U
PCB-1262	16700	U
PCB-1268	16700	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	*	%
Decachlorobiphenyl	*	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.
* The surrogates were diluted out.

PCB EXT Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67163
Sample: 67163-13,1:500,,A/C
Data File: M27509.D
Dilution Factor: 506.1

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	130175	120019	8.1	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

PCB FORM 10

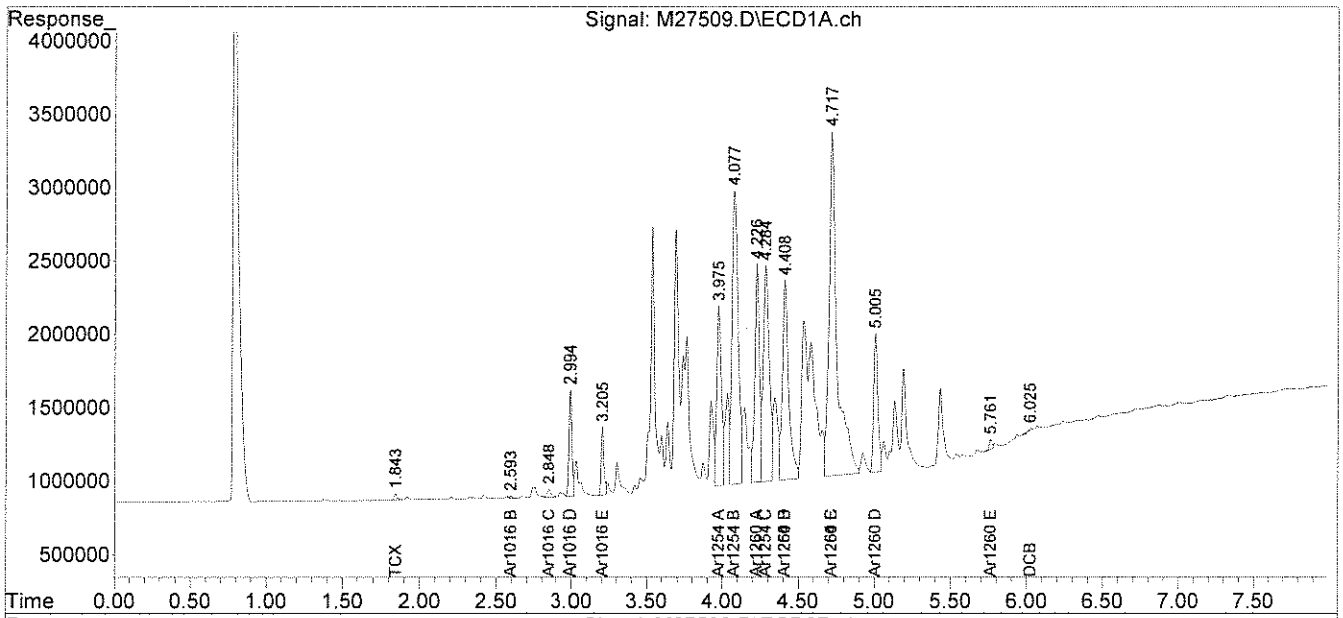
Quantitation Report (QT Reviewed)

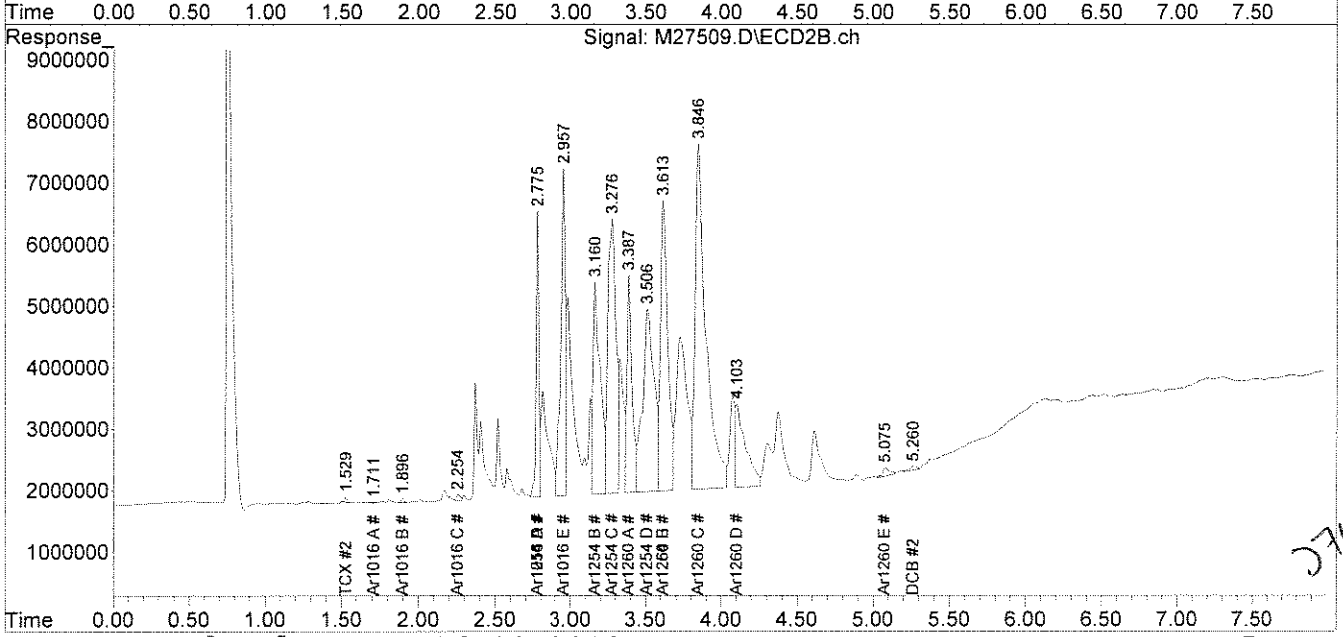
Data Path : C:\msdchem\1\DATA\071410-M\
Data File : M27509.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Jul 2010 12:29 pm
Operator : JK
Sample : 67163-13,1:500,,A/C
Misc : SOIL
ALS Vial : 16 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 14 13:09:21 2010
Quant Method : C:\msdchem\1\METHODS\PCB071210.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jul 13 07:48:04 2010
Response via : Initial Calibration
Integrator: ChemStation

JR 07.14.10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





JR 07.14.10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 14, 2010

SAMPLE DATA

Lab Sample ID:	67163-14
Matrix:	Solid
Percent Solid:	95
Dilution Factor:	5.0
Collection Date:	07/07/10
Lab Receipt Date:	07/08/10
Extraction Date:	07/08/10
Analysis Date:	07/14/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-CC-032

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	170	U
PCB-1221	170	U
PCB-1232	170	U
PCB-1242	170	U
PCB-1248	170	U
PCB-1254	170	**1440**
PCB-1260	170	U
PCB-1262	170	U
PCB-1268	170	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	116	%
Decachlorobiphenyl	81	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB EXT Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67163
Sample: 67163-14,1:5,,A/C
Data File: M27510.D
Dilution Factor: 5.0

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	1444	1390	3.8	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

PCB FORM 10

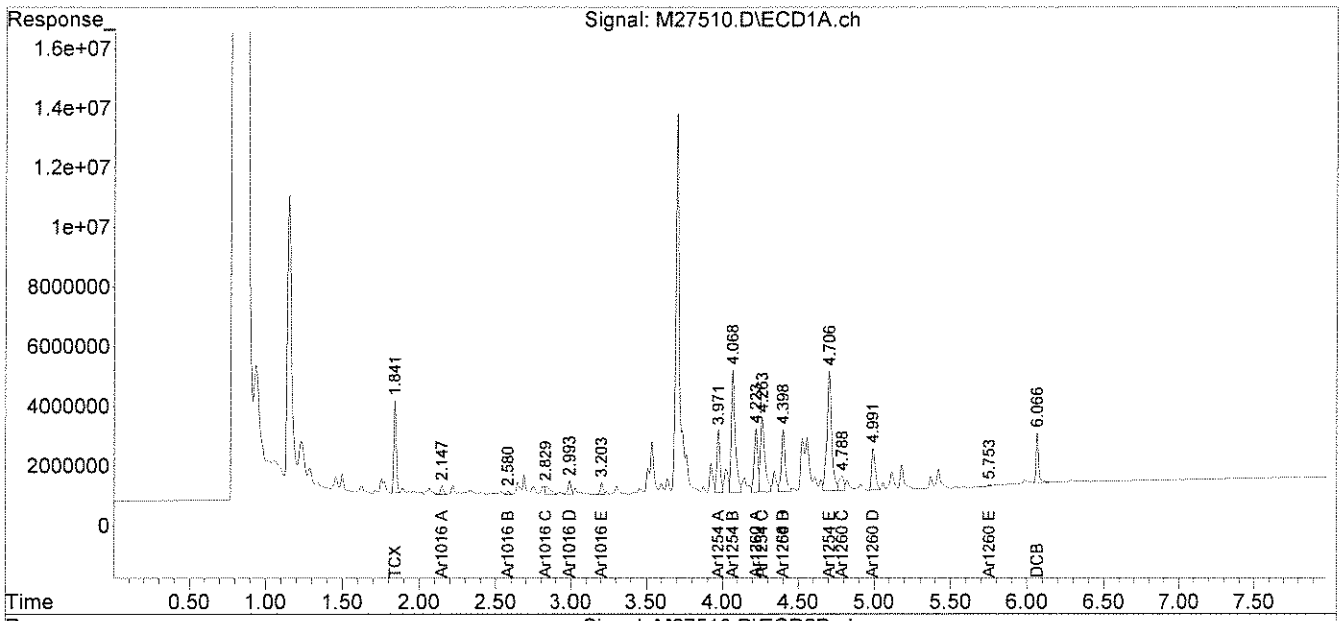
Quantitation Report (QT Reviewed)

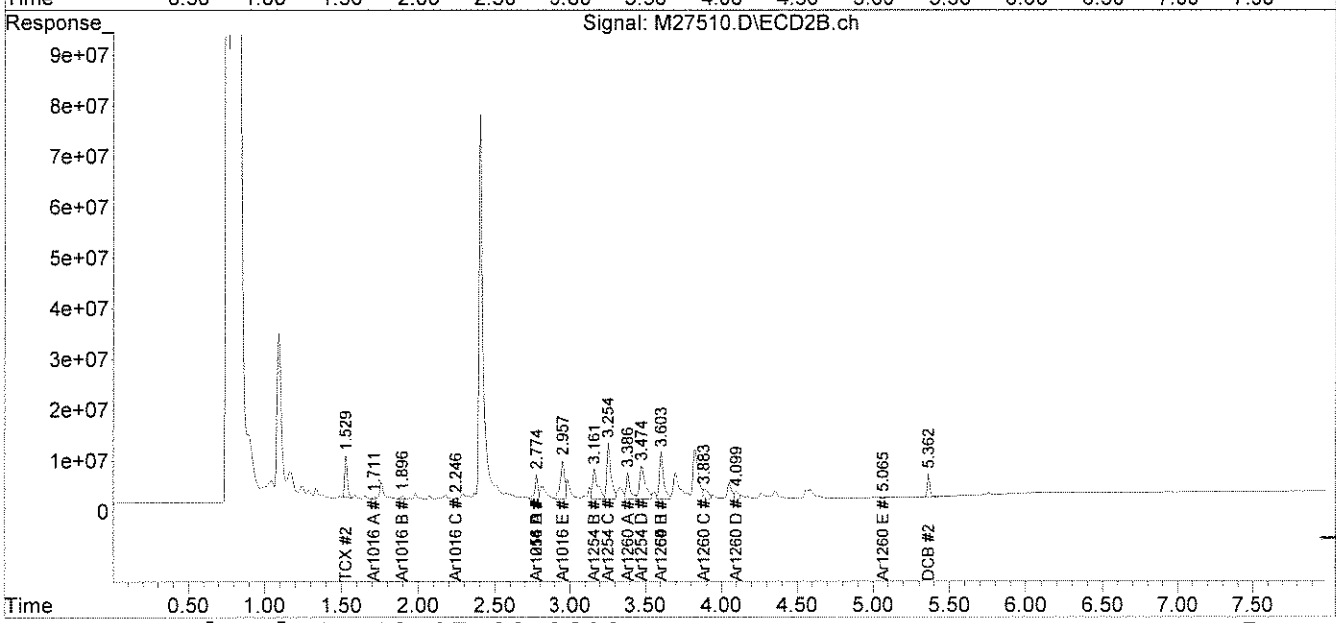
Data Path : C:\msdchem\1\DATA\071410-M\
Data File : M27510.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Jul 2010 12:39 pm
Operator : JK
Sample : 67163-14,1:5,,A/C
Misc : SOIL
ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 14 13:09:27 2010
Quant Method : C:\msdchem\1\METHODS\PCB071210.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jul 13 07:48:04 2010
Response via : Initial Calibration
Integrator: ChemStation

JR 07-14-10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





7/14/10

PCB
QC FORMS

AnalyticsLLC:AEL Documents LLC:Pkg Dividers:PCBQC.doc

PCB SOIL
SYSTEM MONITORING COMPOUNDS
SUMMARY

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67163

	Column #1				Column #2			
SAMPLE ID	SMC 1 (%)	#	SMC 2 (%)	#	SMC 1 (%)	#	SMC 2 (%)	#
B070810PSOX,,A/C	81		55		81		53	
L070810PSOX,,A/C	79		53		74		49	
LD070810PSOX,,A/C	80		54		79		52	
67163-1,,A/C	72		53		62		49	
67163-2,,A/C	80		54		73		52	
67163-3,,A/C	80		54		82		53	
67163-4,,A/C	83		56		86		55	
67163-5,,A/C	125		57		85		55	
67163-6,,A/C	74		51		70		50	
67163-7,,A/C	65		45		58		39	*
67163-12,,A/C	139	*	49		83		39	*
67163-14,MS,,A/C	88		48		81		42	
67163-14,MSD,,A/C	88		51		80		43	

		Lower Limit	Upper Limit
SMC #1 =	TCX	40	130
SMC #2 =	DCB	40	130

Column to be used to flag recovery values outside of QC limits
* Values outside QC limits
D System Monitoring Compound diluted out

PCB SOIL
SYSTEM MONITORING COMPOUNDS
SUMMARY

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67163

	Column #1				Column #2			
SAMPLE ID	SMC 1 (%)	#	SMC 2 (%)	#	SMC 1 (%)	#	SMC 2 (%)	#
B070810PSOX,RR,,A/C	82		52		80		48	
67163-8,1:5,,A/C	109		76		92		70	
67163-9,1:50,,A/C	D		D		D		D	
67163-10,1:10,,A/C	151	*	100		129		98	
67163-11,1:5,,A/C	136	*	77		103		74	
67163-13,1:500,,A/C	D		D		D		D	
67163-14,1:5,,A/C	116		81		103		77	

		Lower Limit	Upper Limit
SMC #1 =	TCX	40	130
SMC #2 =	DCB	40	130

Column to be used to flag recovery values outside of QC limits
* Values outside QC limits
D System Monitoring Compound diluted out

PCB SOIL
LABORATORY CONTROL SAMPLE/DUPLICATE
PERCENT RECOVERY

Instrument ID: M

GC Column #1: STX-CLPesticides I

Column ID: 0.25 mm

GC Column #2: STX-CLPesticides II

Column ID: 0.25 mm

SDG: 67163

Non-spiked sample: B070810PSOX,,A/C

Spike: L070810PSOX,,A/C

Spike duplicate: LD070810PSOX,,A/C

COMPOUND	LCS SPIKE ADDED (ug/kg)	LCSD SPIKE ADDED (ug/kg)	LOWER LIMIT	UPPER LIMIT	RPD LIMIT	NON-SPIKE RESULT (ug/kg)	SPIKE RESULT (ug/kg)	SPIKE % REC	#	SPIKE DUP RESULT (ug/kg)	SPIKE DUP % REC	#	RPD	#
PCB 1016	200	200	65	140	30	0	202	101		193	97		4.8	
PCB 1260	200	200	60	130	30	0	176	88		183	92		3.7	
PCB 1016 #2	200	200	65	140	30	0	209	105		208	104		0.5	
PCB 1260 #2	200	200	60	130	30	0	176	88		187	93		6.2	

Column to be used to flag recovery and RPD values outside of QC limits

* Values outside QC limits

LCS/LCSD spike added values have been weight adjusted.

Non-spike result of "0" used in place of "U" to allow calculation of spike recovery.

Comments: _____

_____

PCB SOIL
LABORATORY CONTROL SAMPLE/DUPLICATE
PERCENT RECOVERY

Instrument ID: M

GC Column #1: STX-CLPesticides I

Column ID: 0.25 mm

GC Column #2: STX-CLPesticides II

Column ID: 0.25 mm

SDG: 67163

Non-spiked sample: 67163-14,,A/C

Spike: 67163-14,MS,,A/C

Spike duplicate: 67163-14,MSD,,A/C

COMPOUND	LCS SPIKE ADDED (ug/kg)	LCSD SPIKE ADDED (ug/kg)	LOWER LIMIT	UPPER LIMIT	RPD LIMIT	NON-SPIKE RESULT (ug/kg)	SPIKE RESULT (ug/kg)	SPIKE % REC	#	SPIKE DUP RESULT (ug/kg)	SPIKE DUP % REC	#	RPD	#
PCB 1016	203	202	65	140	30	0	474	234	*	504	249	*	6.1	
PCB 1260	203	202	60	130	30	0	719	355	*	731	361	*	1.7	
PCB 1016 #2	203	202	65	140	30	0	1389	685	*	1500	741	*	7.8	
PCB 1260 #2	203	202	60	130	30	0	550	271	*	558	276	*	1.6	

Column to be used to flag recovery and RPD values outside of QC limits

* Values outside QC limits

LCS/LCSD spike added values have been weight adjusted.

Non-spike result of "0" used in place of "U" to allow calculation of spike recovery.

Comments: _____

_____

analytics environmental laboratory LLC

CHAIN OF CUSTODIES

Chain Of Custody Form

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, NH 03801
Phone (603) 436-5111
Fax (603) 430-2151

For Analytics Use Only Rev. 5 06/18/08

Samples were:
1) Shipped or hand-delivered
2) Temp blank °C 3.5°C
3) Received in good condition Y or N
4) pH checked by: N/A
5) Labels checked by: CP 7/8/10

Project#: 223019 Proj. Name: AMISTAD ACADEMY
Company: Woodard & Curran
Contact: GEORGE FRANKLIN / JEFF HAMEL
Address: 35 New England Business Center Suite 180
Andover, MA 01810
Phone: (978)557-8150 PO# Quote # WCI03051001
Sampler (Signature): [signature]

Matrix Key:
C = Concrete
WP = Wipe
WW = Wastewater
SW = Surface Water
GW = Groundwater
DW = Drinking Water
S = Soil/Sludge
O = Oil
E = Extract
B - brick

Container Key
P=plastic G=glass

Preservation

Station Identification	Sample Date	Sample Time	Analysis	Unpres	4° C	HNO_3	H_2SO_4	HCL	Methanol	Other	Matrix	Container number/type		pH	Analytics Sample #
AA-VBS-144	7/6/10	0710	PCB's by U.S. EPA 8082 w/ Soxhlet Extraction		✓						B	1	G		67163-1
AA-VBS-145	7/6/10	0720			✓						B	1	G		-2
AA-VBS-146	7/6/10	0740			✓						B	1	G		-3
AA-VBS-147	7/6/10	0750			✓						B	1	G		-4
AA-VCC-148	7/7/10	0730			✓						C	1	G		-5
AA-VCC-149		0740			✓						C	1	G		-6
AA-VCC-150		1010			✓						C	1	G		-7
AA-CC-023		1105			✓						C	1	G		-8
AA-CC-024		1110			✓						C	1	G		-9
AA-CC-025		1115			✓						C	1	G		-10
AA-CC-026		1120			✓						C	1	G		-11

Email Results to:
gfranklin@woodardcurran.com
jhamel...

Comments / Instructions:
R.L. ≤ 1 mg/kg

Turnaround Time (TAT)
- [ ] 24hr*
- [ ] 48hr*
- [ ] 72hr*
- [x] 5 Days* STD. 3-5 DAYS
- [ ] 10 Days

*Fee may apply; lab approval required

Project Requirements:
*Fee may apply

Report Type:
- [ ] MCP*
- [x] Level II*
- [ ] CTRCP*
- [ ] Level III*
- [ ] DOD*
- [ ] Level IV*
- [ ] Standard

State:
- [ ] NH
- [ ] MA
- [ ] ME
- [x] CT
- [ ] RI

Other:

State Standard:
(eg. S-1 or GW-1)

EDD Required: Y* N
Type: .xls

Received By: FedEx Time: Date: 7/7/10
Received By: [signature] Time: 1030 Date: 7/8/10
Received By: JBB 7/8/10 Time: Date:
Relinquished By Sampler: [signature] Relinquished By: FedEx Relinquished By:

Analytics\AEL Documents\AEL COC

Page 1 of 2

Chain Of Custody Form

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, NH 03801
Phone (603) 436-5111
Fax (603) 430-2151

For Analytics Use Only Rev. 5 06/18/08

Samples were:
1) Shipped or hand-delivered
2) Temp blank °C 3.5°C
3) Received in good condition Y or N
4) pH checked by: N/A
5) Labels checked by: CR 7/8/10

Project#: 223019 Proj. Name: AMISTAD ACADEMY
Company: Woodard & Curran
Contact: GEORGE FRANKLIN / JEFF HAMEL
Address: 35 New England Business Center Suite 180
Andover, MA 01810
Phone: (978)557-8150 PO# Quote # WCI03051001
Sampler (Signature): JESSE ARRY R

Matrix Key:
C = Concrete
WP = Wipe
WW = Wastewater
SW = Surface Water
GW = Groundwater
DW = Drinking Water
S = Soil/Sludge
O = Oil
E = Extract

Container Key
P=plastic G=glass

Preservation

Station Identification	Sample Date	Sample Time	Analysis	Unpres	4° C	HNO_3	H_2SO_4	HCL	Methanol	Other	Matrix	Container number/type		pH	Analytics Sample #
AA-CC-030	7/7/10	1140	PCB's by U.S.		✓						C	1	G		67163-12
AA-CC-031	↓	1145	E.P.A. 8082		✓						C	1	G		-13
AA-CC-032	↓	1150	w/ Soxhlet		✓						C	1	G		-14
			Extraction												

JB 7/8/10

Email Results to:
SAME AS PG. 1

Turnaround Time (TAT)
☐ 24hr* ☐ 48hr*
☐ 72hr* ☑ 5 Days*
☐ 10 Days
*Fee may apply; lab approval required

Comments / Instructions:
R.L. ≤1.0 mg/kg.

Project Requirements:
*Fee may apply

Report Type:
☐ MCP* ☑ Level II*
☐ CTRCP* ☐ Level III*
☐ DOD* ☐ Level IV*
☐ Standard

State:
☐ NH
☐ MA
☐ ME
☑ CT
☐ RI
Other:

State Standard:
(eg. S-1 or GW-1)
EDD Required: Y* N
Type: .xls

Received By: FedEx Time: Date: 7/7/10
Received By: [signature] Time: 1030 Date: 7/8/10
Received By: JB 7/8/10 Time: Date:
Relinquished By Sampler: JESSE ARRY R Relinquished By: FedEx Relinquished By:

Analytics\AEL Documents\AEL COC

Page 2 of 2

ANALYTICS SAMPLE RECEIPT CHECKLIST

analytics environmental laboratory LLC

AEL LAB#: 67163

CLIENT: Woodard & Curran

PROJECT: Amistad Academy

COOLER NUMBER: NA

NUMBER OF COOLERS: 1

DATE RECEIVED: 7/8/10

DATE COOLER OPENED: 7/8/10

Date Received: 7/8/10

A: PRELIMINARY EXAMINATION:

1. Cooler received by(initials): JBB

2. Circle one: Hand delivered (If so, skip 3) Shipped

3. Did cooler come with a shipping slip? Y N

3a. Enter carrier name and airbill number here: FedEx 7937 0455 1110

4. Were custody seals on the outside of cooler? Y N
How many & where: NA Seal Date: NA Seal Name: NA

5. Did the custody seals arrive unbroken and intact upon arrival? Y N/A

6. COC#: NA

7. Were Custody papers filled out properly (ink,signed, etc)? Y N - No Relinquish time given by sampler

8. Were custody papers sealed in a plastic bag? Y N

9. Did you sign the COC in the appropriate place? Y N

10. Was the project identifiable from the COC papers? Y N

11. Was enough ice used to chill the cooler? Y N Temp. of cooler: 3.5°C

B. Log-In: Date samples were logged in: 7/8/10 By: JBB

12. Type of packing in cooler(bubble wrap, popcorn) Y N

13. Were all bottles sealed in separate plastic bags? Y N

14. Did all bottles arrive unbroken and were labels in good condition? Y N

15. Were all bottle labels complete(ID,Date,time,etc.) Y N

16. Did all bottle labels agree with custody papers? Y N

17. Were the correct containers used for the tests indicated: Y N

18. Were samples received at the correct pH? Y N/A

19. Was sufficient amount of sample sent for the tests indicated? Y N

20. Were bubbles absent in VOA samples? Y N/A

If NO. List Sample ID's and Lab #s:

21. Laboratory labeling verified by (initials): AP Date: 7/8/10

From: Origin ID: BNHA (203) 271-0379
Jesse Ream
WOODARD & CURRAN INC
1520 HIGHLAND AVENUE

CHESHIRE, CT 06410

FedEx Express

J10201005250225

Ship Date: 07JUL10
ActWgt: 40.0 LB
CAD: 2185050/INET3060

Delivery Address Bar Code

SHIP TO: (603) 436-5111 BILL SENDER

Analytics Enviro Labs, LLC
Analytics Enviro Labs, LLC
195 COMMERCE WAY UNIT E

PORTSMOUTH, NH 03801

Ref # 223019.00
Invoice #
PO #
Dept #

TRK# 0201 7937 0455 1110

THU - 08 JUL A2
PRIORITY OVERNIGHT

03801
NH-US
MHT

03 IGGA

506G1/9607/9A24

After printing this label:
1. Use the 'Print' button on this page to print your label to your laser or inkjet printer.
2. Fold the printed page along the horizontal line.
3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

Warning: Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com.FedEx will not be responsible for any claim in excess of $100 per package, whether the result of loss, damage, delay, non-delivery,misdelivery,or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim.Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic valueof the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental,consequential, or special is limited to the greater of $100 or the authorized declared value. Recovery cannot exceed actual documented loss.Maximum for items of extraordinary value is $500, e.g. jewelry, precious metals, negotiable instruments and other items listed in our ServiceGuide. Written claims must be filed within strict time limits, see current FedEx Service Guide.

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

July 21, 2010

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

RE: Analytical Results Case Narrative
Analytics # 67243
AMISTAD ACADEMY

Dear Mr. Franklin;

Enclosed please find the analytical results for samples submitted for the above-mentioned project. The attached Cover Page lists the sample IDs, Lab tracking numbers and collection dates for the samples included in this deliverable.

Samples were analyzed Polychlorinated Biphenyls (PCBs) by EPA Method 8082.

Unless otherwise noted in the Non-conformance Summary listed below, all of the quality control (QC) criteria including initial calibration, calibration verification, surrogate recovery, holding time and method accuracy/precision for these analyses were within acceptable limits.

This Level II data package has been assembled in the following order:

Case Narrative/Non-Conformance Summary
Sample Log Sheet - Cover Page
PCB Form 1 Data Sheet for Samples and Blanks
Chromatograms
PCB Form 10 Confirmation Results
PCB Form 3 MS/MSD (LCS) Recoveries
Chain of Custody (COC) Forms

QC NON-CONFORMANCE SUMMARY

Sample Receipt:
No exceptions.

PCBs by EPA Method 8082:
No results were reported below the quantitation limit.

The closing continuing calibration standard (file#L18486SC) had marginally low recovery (81% &79%) for surrogate Decachlorobiphenyl (DCB) all other analytes were in control. The standard was reanalyzed (file# L18488SC) with similar results. Surrogate results were reported off of column#1 without qualification

If you have any questions on these results, please do not hesitate to contact me.

Sincerely,
ANALYTICS Environmental Laboratory, LLC

Stephen L. Knollmeyer
Laboratory Director

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

Report Number: 67243

Revision: Rev. 0

Re: Amistad Academy (Project No: 22399)

Enclosed are the results of the analyses on your sample(s). Samples were received on 16 July 2010 and analyzed for the tests listed. Samples were received in acceptable condition, with the exceptions noted below or on the chain of custody. These results pertain to samples as received by the laboratory and for the analytical tests requested on the chain of custody. The results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report. Please see individual reports for specific methodologies and references.

Lab Number	Sample Date	Station Location	Analysis	Comments
67243-1	07/15/10	AA-VCC-151	EPA 8082 (PCBs only)	
67243-2	07/15/10	AA-VCC-152	EPA 8082 (PCBs only)	
67243-3	07/15/10	AA-VCC-153	EPA 8082 (PCBs only)	
67243-4	07/15/10	AA-VWP-154	EPA 8082 (PCBs only)	
67243-5	07/15/10	AA-VWP-155	EPA 8082 (PCBs only)	
67243-6	07/15/10	AA-VWP-556	Electronic Data Deliverable	
	07/15/10	AA-VWP-556	EPA 8082 (PCBs only)	

Sample Receipt Exceptions: None

Analytics Environmental Laboratory is certified by the states of New Hampshire, Maine, Massachusetts, Connecticut, Rhode Island, Virginia, Maryland, and is accredited by the Deparment of Defense (DOD) ELAP program. A list of actual certified parameters is available upon request.

If you have any questions on these results, please do not hesitate to contact us.

Authorized signature _____
Stephen L. Knollmeyer Lab. Director

Date 07/21/2010

This report shall not be reproduced, except in full, without the written consent of Analytics Environmental Laboratory, LLC.

Surrogate Compound Limits

Matrix:	Aqueous	Solid	
Units:	% Recovery	% Recovery	Method
Volatile Organic Compounds - Drinking Water			
1,4-Difluorobenzene	70-130		EPA 524.2
Bromofluorobenzene	70-130		
1,2-Dichlorobenzene-d4	70-130		
Volatile Organic Compounds			
1,2-Dichloroethane-d4	70-120	70-120	EPA 624/8260B
Toluene-d8	85-120	85-120	
Bromofluorobenzene	75-120	75-120	
Semi-Volatile Organic Compounds			
2-Fluorophenol	20-110	35-105	EPA 625/8270C
d5-Phenol	15-110	40-100	
d5-nitrobenzene	40-110	35-100	
2-Fluorobiphenyl	50-110	45-105	
2,4,6-Tribromophenol	40-110	40-125	
d14-p-terphenyl	50-130	30-125	
PAH's by SIM			
d5-nitrobenzene	21-110	35-110	EPA 8270C
2-Fluorobiphenyl	36-121	45-105	
d14-p-terphenyl	33-141	30-125	
Pesticides and PCBs			
2,4,5,6-Tetrachloro-m-xylene (TCX)	46-122	40-130	EPA 608/8082
Decachlorobiphenyl (DCB)	40-135	40-130	
Herbicides			
Dichloroacetic acid (DCAA)	30-150	30-150	
Gasoline Range Organics/TPH Gasoline			
Trifluorotoluene TFT (FID)	60-140	60-140	MEDEP 4217/EPA 8015
Bromofluorobenzene (BFB) (FID)	60-140	60-140	
Trifluorotoluene TFT (PID)	60-140	60-140	
Bromofluorobenzene (BFB) (PID)	60-140	60-140	
Diesel Range Organics/TPH Diesel			
m-terphenyl	60-140	60-140	MEDEP 4125/EPA 8015/CT ETPH
Volatile Petroleum Hydrocarbons			
2,5-Dibromotoluene (PID)	70-130	70-130	MADEP VPH May 2004 Rev1.1
2,5-Dibromotoluene (FID)	70-130	70-130	
Extracatable Petroleum Hydrocarbons			
1-chloro-octadecane (aliphatic)	40-140	40-140	MADEP EPH May 2004 Rev1.1
o-Terphenyl (aromatic)	40-140	40-140	
2-Fluorobiphenyl (Fractionation)	40-140	40-140	
2-Bromonaphthalene (fractionation)	40-140	40-140	

PCB
DATA SUMMARIES

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 21, 2010

SAMPLE DATA

Lab Sample ID: B071610PSOX
Matrix: Soil
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date:
Lab Receipt Date:
Extraction Date: 07/16/10
Analysis Date: 07/21/10

CLIENT SAMPLE ID

Project Name: Amistad Academy
Project Number: 22399
Field Sample ID: Lab QC

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U
PCB-1262	33	U
PCB-1268	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	85	%
Decachlorobiphenyl	73	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB EXT Report

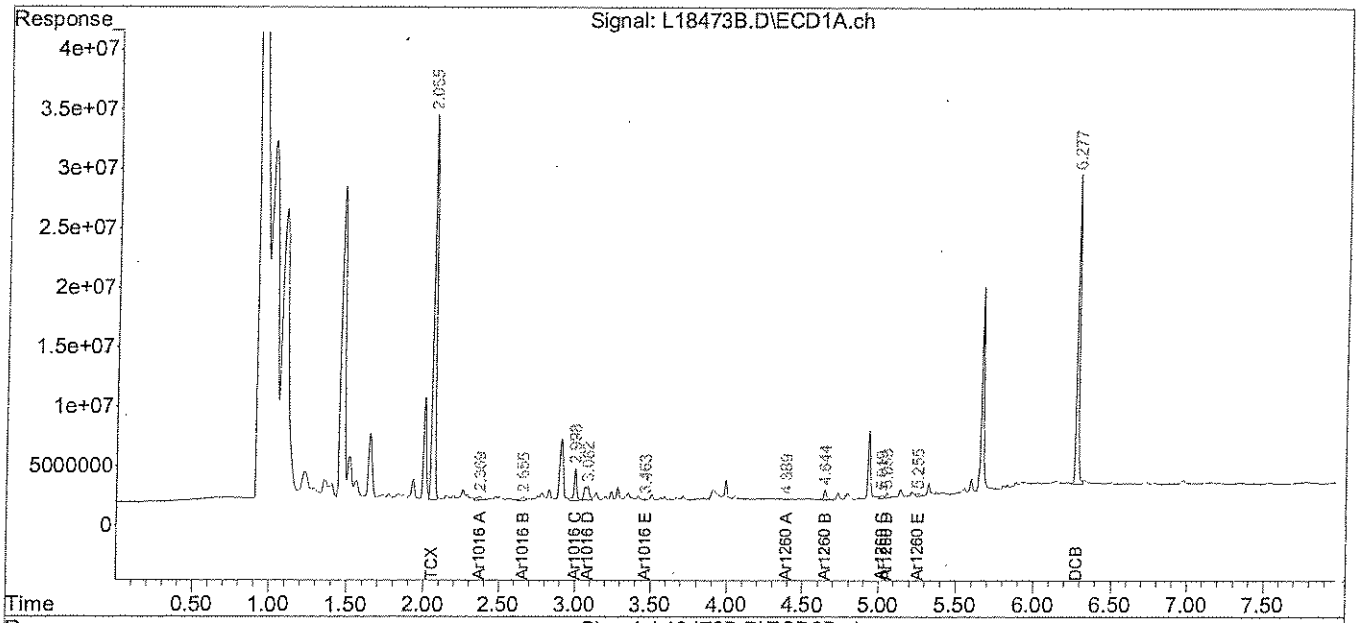
Authorized signature

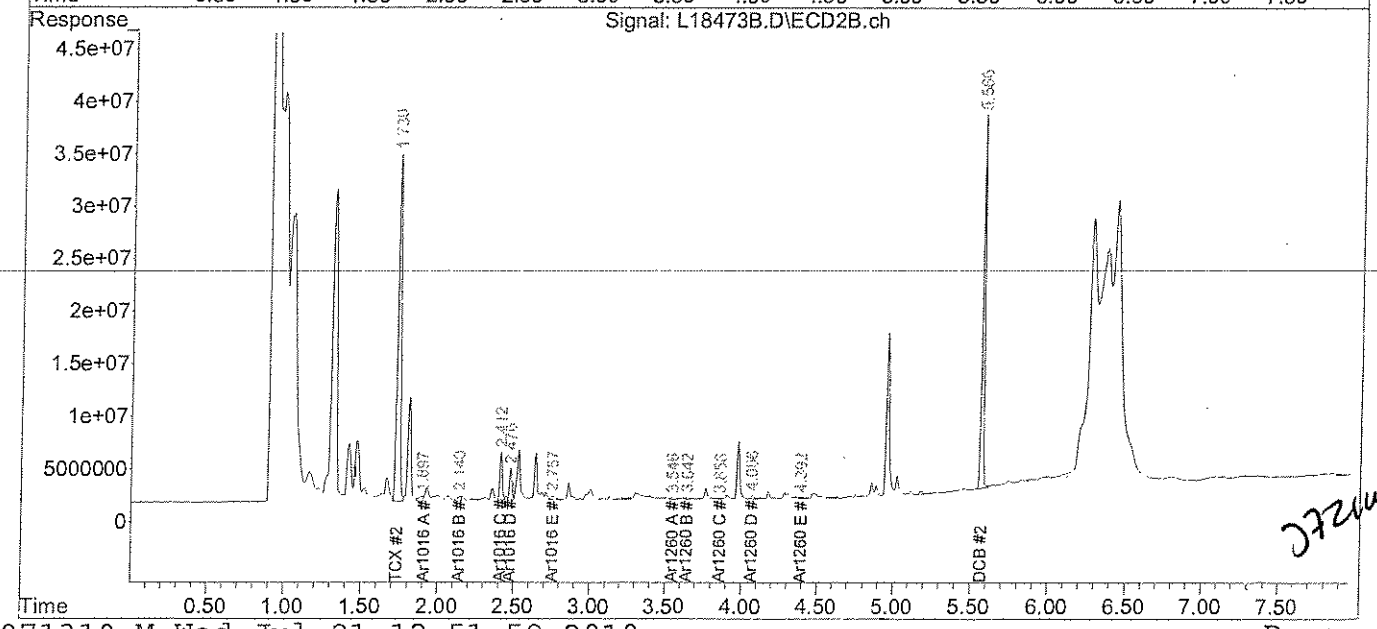
Data Path : C:\msdchem\1\DATA\072110-L\
Data File : L18473B.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 10 10:46 am
Operator : JK
Sample : B071610PSOX,,A/C
Misc : SOIL
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 21 12:51:47 2010
Quant Method : C:\msdchem\1\METHODS\PCB071310.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 15 21:10:04 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um

JR 07-21-10





JR 07-21-10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 21, 2010

SAMPLE DATA

Lab Sample ID: B071610PSOX
Matrix: Wipe
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date:
Lab Receipt Date:
Extraction Date: 07/16/10
Analysis Date: 07/21/10

CLIENT SAMPLE ID

Project Name: Amistad Academy
Project Number: 22399
Field Sample ID: Lab QC

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/wipe	Results µg/wipe
PCB-1016	0.5	U
PCB-1221	0.5	U
PCB-1232	0.5	U
PCB-1242	0.5	U
PCB-1248	0.5	U
PCB-1254	0.5	U
PCB-1260	0.5	U
PCB-1262	0.5	U
PCB-1268	0.5	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	85	%
Decachlorobiphenyl	73	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS:

PCB EXT Report

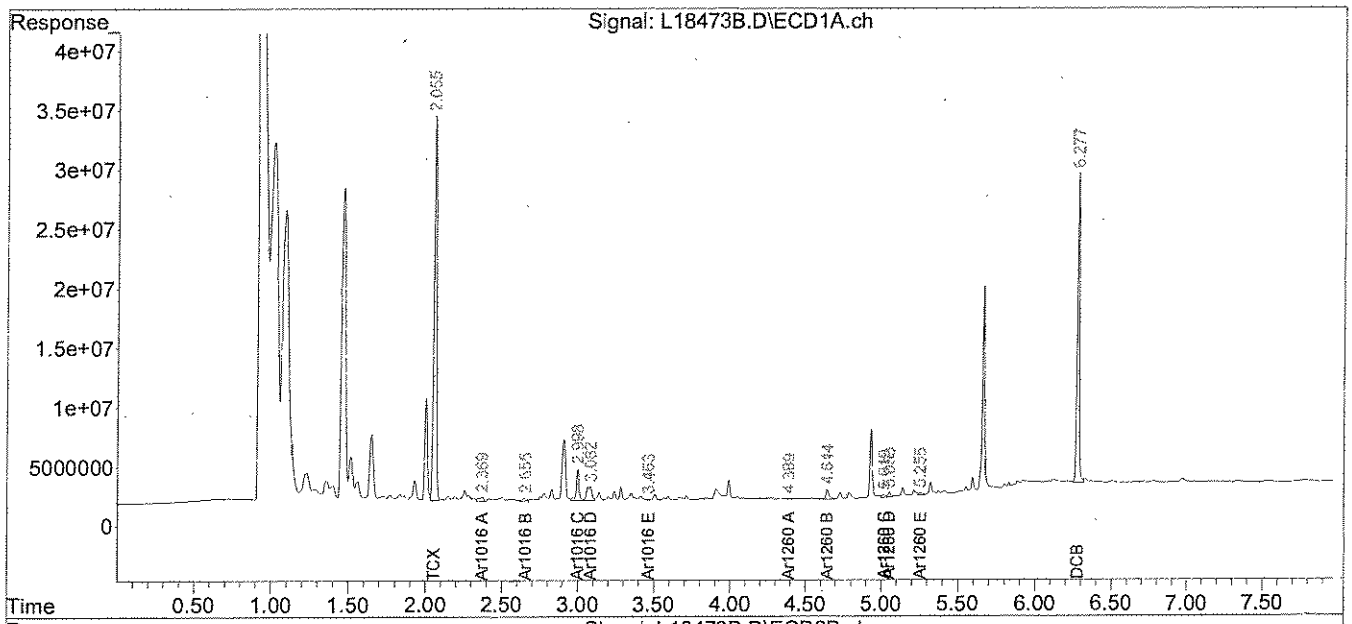
Authorized signature

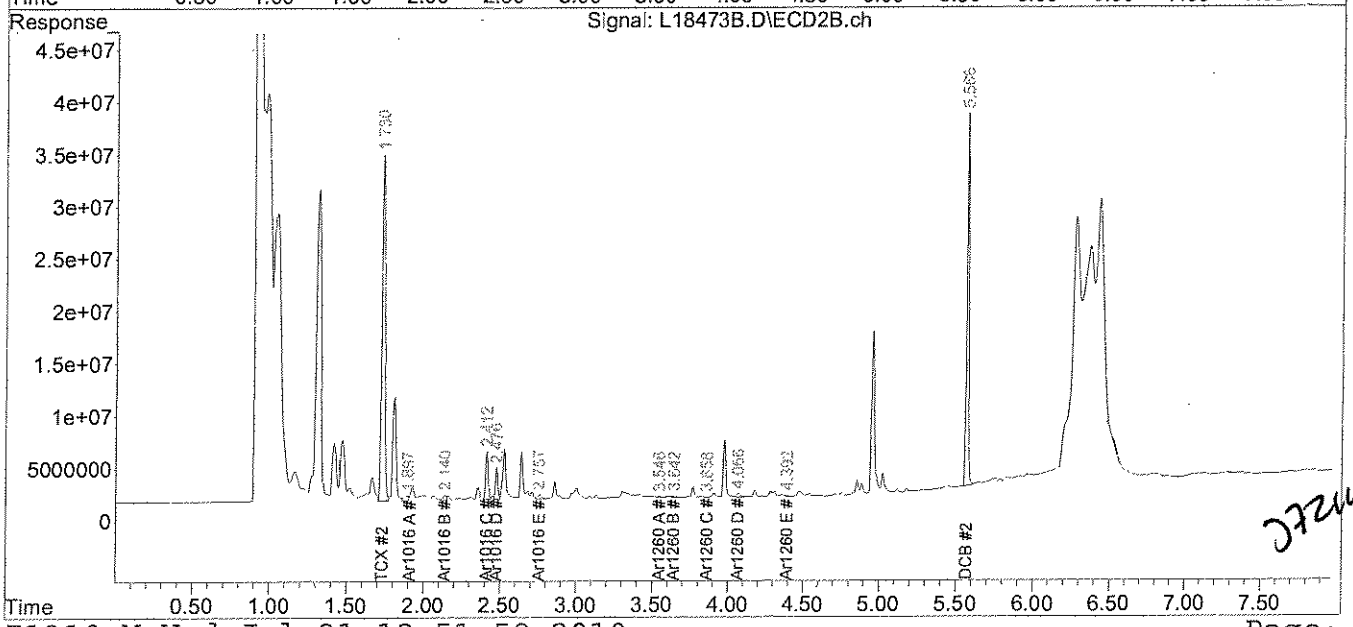
Data Path : C:\msdchem\1\DATA\072110-L\
Data File : L18473B.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 10 10:46 am
Operator : JK
Sample : B071610PSOX,,A/C
Misc : SOIL
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 21 12:51:47 2010
Quant Method : C:\msdchem\1\METHODS\PCB071310.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 15 21:10:04 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um

JR 07-21-10





JR 07-21-10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 21, 2010

SAMPLE DATA

Lab Sample ID:	67243-1
Matrix:	Solid
Percent Solid:	99
Dilution Factor:	1.0
Collection Date:	07/15/10
Lab Receipt Date:	07/16/10
Extraction Date:	07/16/10
Analysis Date:	07/21/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	22399
Field Sample ID:	AA-VCC-151

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	**196**
PCB-1260	33	U
PCB-1262	33	U
PCB-1268	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	87	%
Decachlorobiphenyl	53	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB EXT Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67243
Sample: 67243-1,,A/C
Data File: L18480.D
Dilution Factor: 1.0

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	190	196	3.3	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

PCB FORM 10

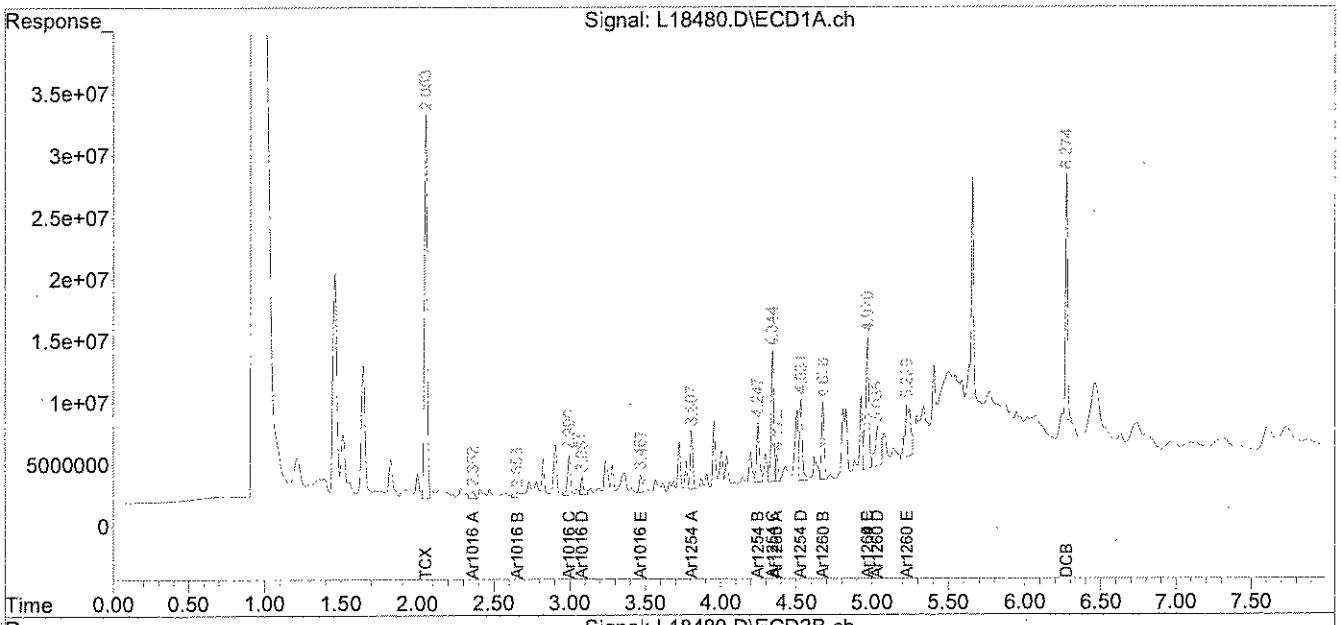
Quantitation Report (QT Reviewed)

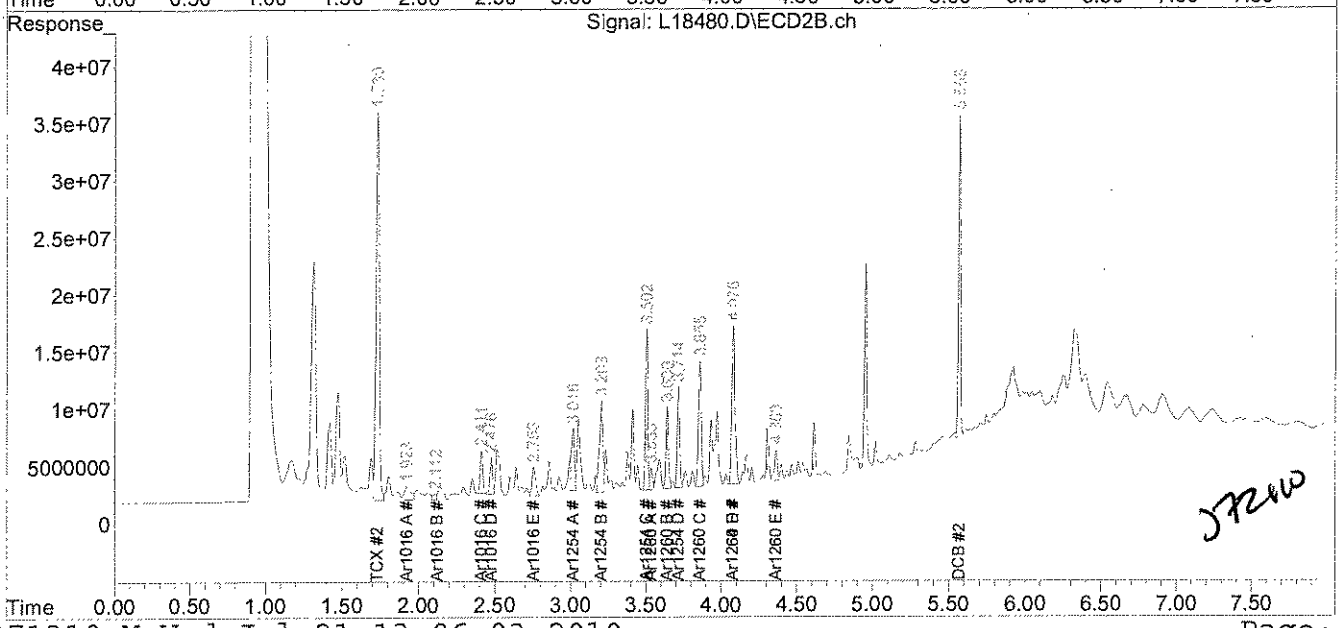
Data Path : C:\msdchem\1\DATA\072110-L\
Data File : L18480.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 10 11:58 am
Operator : JK
Sample : 67243-1,,A/C
Misc : SOIL
ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 21 13:05:55 2010
Quant Method : C:\msdchem\1\METHODS\PCB071310.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 15 21:10:04 2010
Response via : Initial Calibration
Integrator: ChemStation

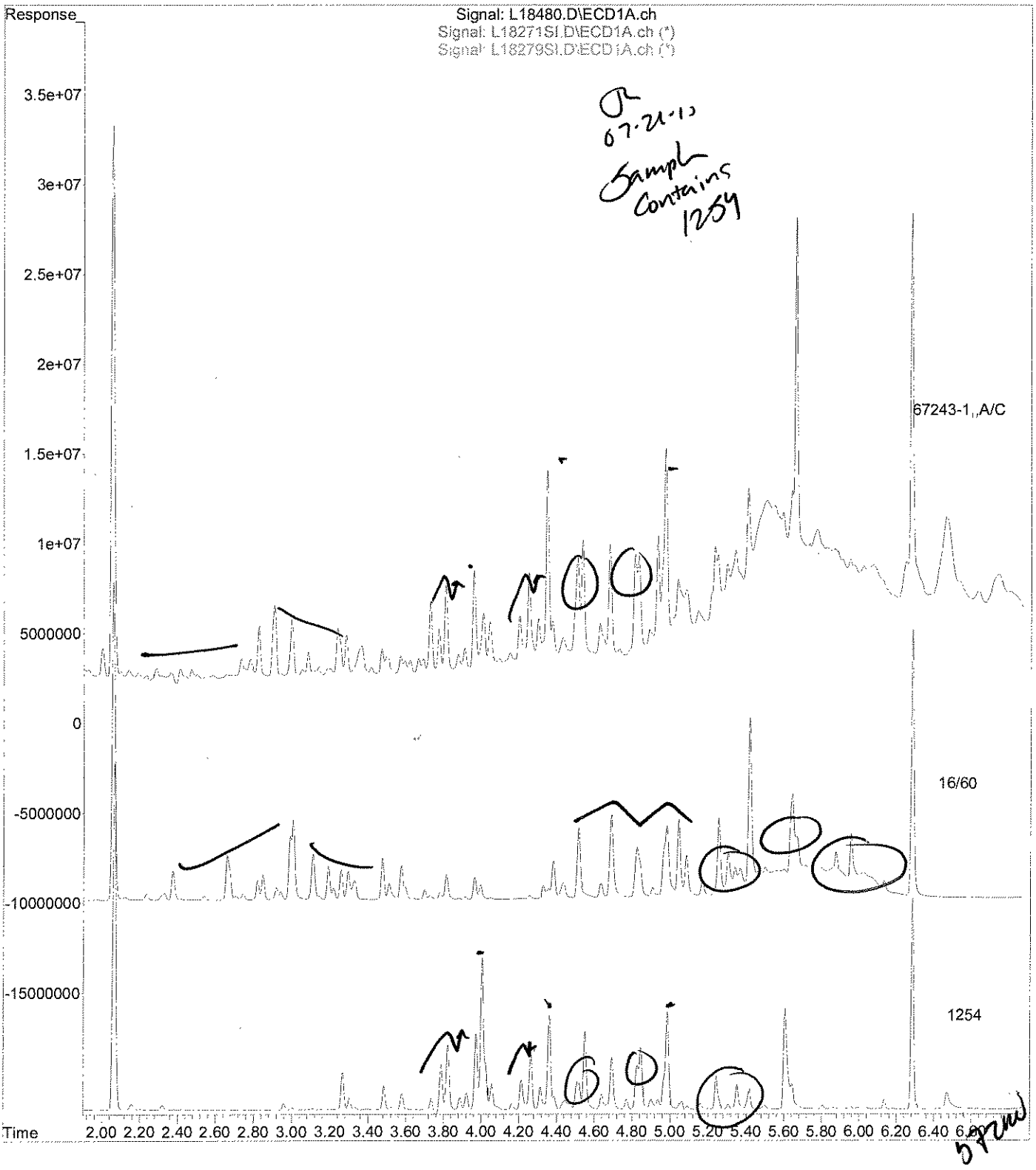
JL 07-21-10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





File :C:\msdchem\1\DATA\072110-L\L18480.D
Operator : JK
Acquired : 21 Jul 10 11:58 am using AcqMethod PEST.M
Instrument : Inst L
Sample Name: 67243-1,,A/C
Misc Info : SOIL
Vial Number: 18



analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 21, 2010

SAMPLE DATA

Lab Sample ID: 67243-2
Matrix: Solid
Percent Solid: 99
Dilution Factor: 1.0
Collection Date: 07/15/10
Lab Receipt Date: 07/16/10
Extraction Date: 07/16/10
Analysis Date: 07/21/10

CLIENT SAMPLE ID

Project Name: Amistad Academy
Project Number: 22399
Field Sample ID: AA-VCC-152

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	**263**
PCB-1260	33	U
PCB-1262	33	U
PCB-1268	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	96	%
Decachlorobiphenyl	57	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB EXT Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67243
Sample: 67243-2,,A/C
Data File: L18481.D
Dilution Factor: 1.0

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	255	263	2.8	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

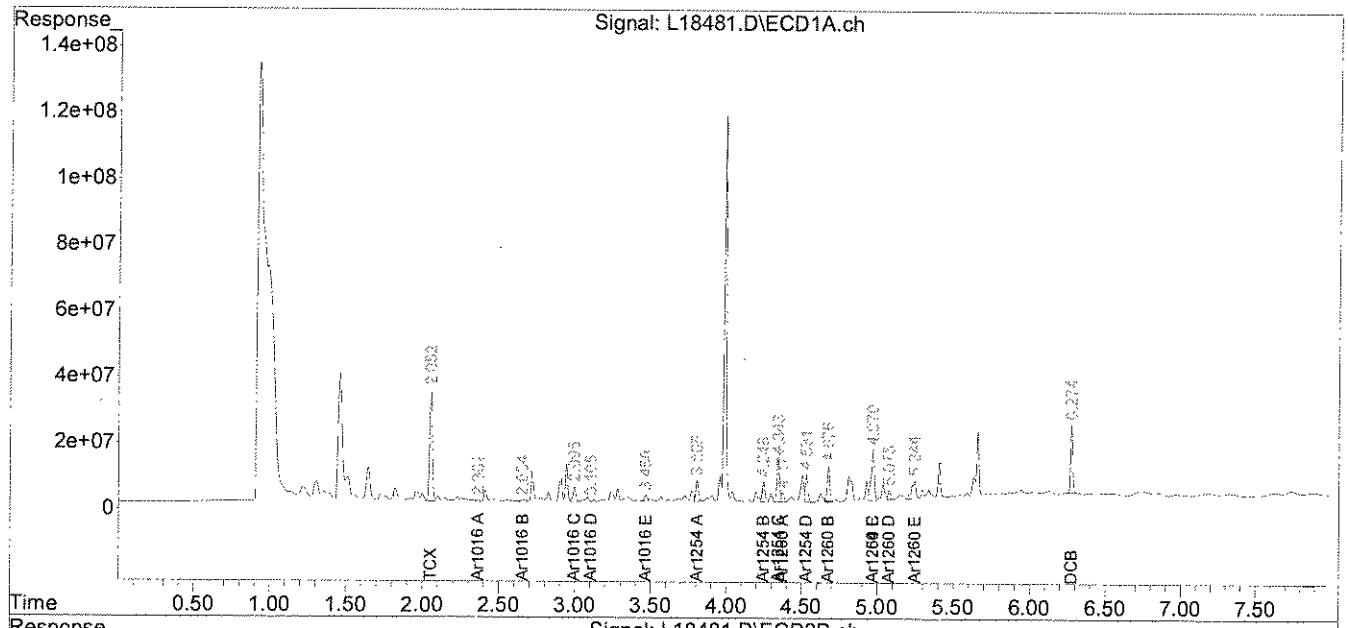
PCB FORM 10

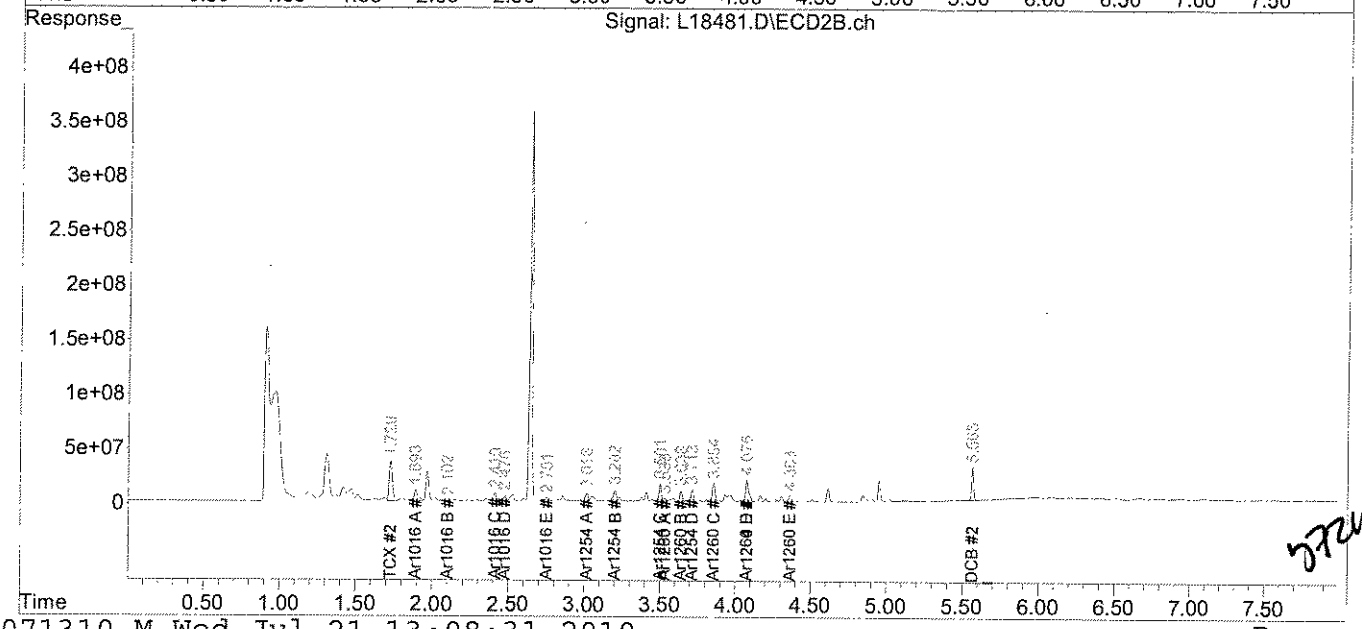
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\072110-L\
Data File : L18481.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 10 12:08 pm
Operator : JK
Sample : 67243-2,,A/C
Misc : SOIL
ALS Vial : 19 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 21 13:08:25 2010
Quant Method : C:\msdchem\1\METHODS\PCB071310.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 15 21:10:04 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 21, 2010

SAMPLE DATA

Lab Sample ID:	67243-3
Matrix:	Solid
Percent Solid:	99
Dilution Factor:	1.0
Collection Date:	07/15/10
Lab Receipt Date:	07/16/10
Extraction Date:	07/16/10
Analysis Date:	07/21/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	22399
Field Sample ID:	AA-VCC-153

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U
PCB-1262	33	U
PCB-1268	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	58	%
Decachlorobiphenyl	53	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB EXT Report

Authorized signature

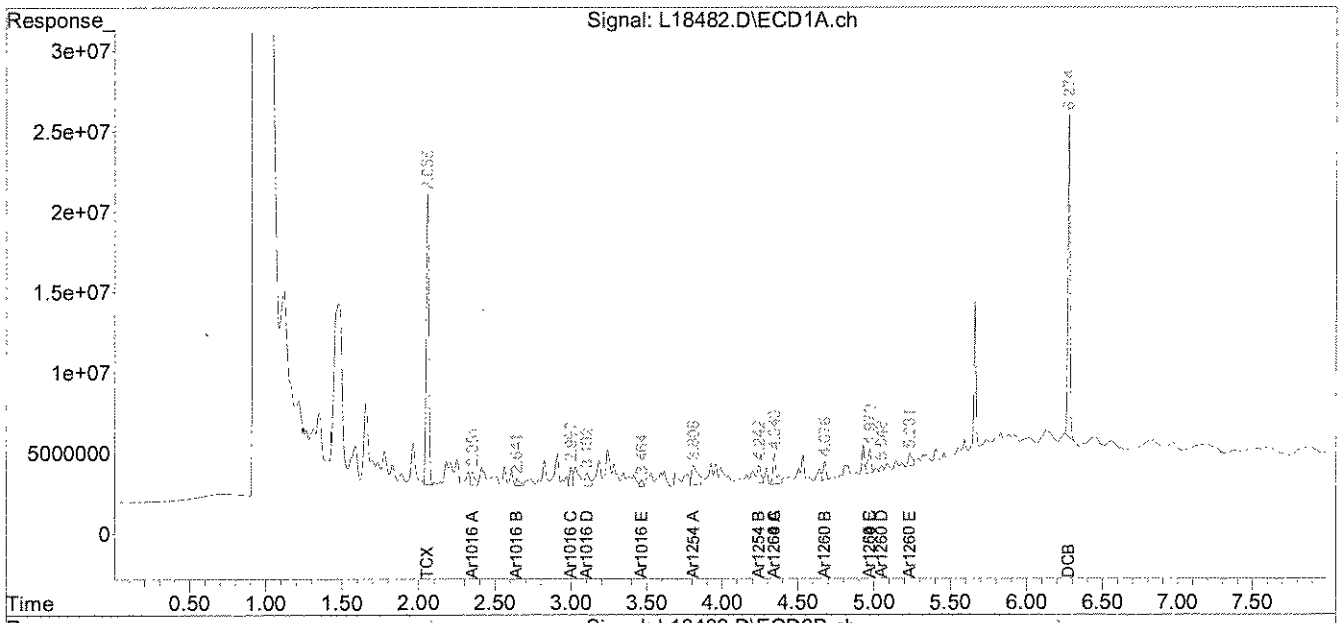
Quantitation Report (QT Reviewed)

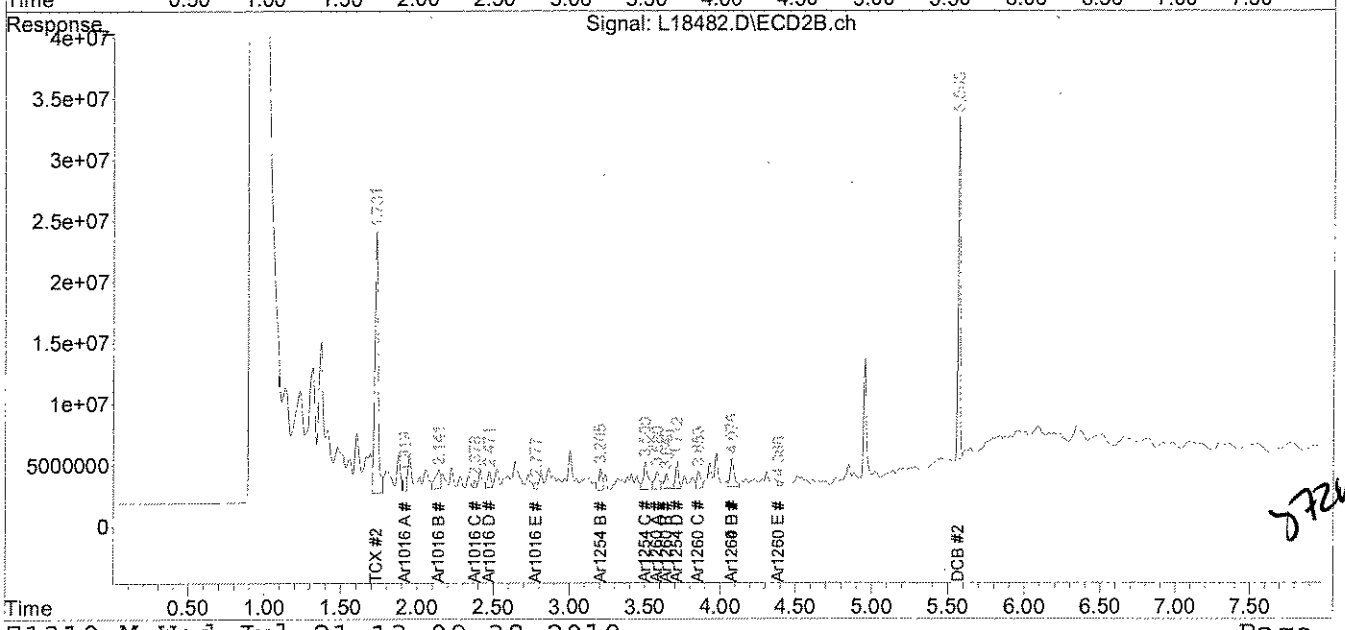
Data Path : C:\msdchem\1\DATA\072110-L\
Data File : L18482.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 10 12:19 pm
Operator : JK
Sample : 67243-3,,A/C
Misc : SOIL
ALS Vial : 20 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 21 13:09:30 2010
Quant Method : C:\msdchem\1\METHODS\PCB071310.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 15 21:10:04 2010
Response via : Initial Calibration
Integrator: ChemStation

JR 07.21.10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





JR 7210

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 21, 2010

SAMPLE DATA

Lab Sample ID:	67243-4
Matrix:	Wipe
Percent Solid:	N/A
Dilution Factor:	1.0
Collection Date:	07/15/10
Lab Receipt Date:	07/16/10
Extraction Date:	07/16/10
Analysis Date:	07/21/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	22399
Field Sample ID:	AA-VWP-154

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/wipe	Results µg/wipe
PCB-1016	0.5	U
PCB-1221	0.5	U
PCB-1232	0.5	U
PCB-1242	0.5	U
PCB-1248	0.5	U
PCB-1254	0.5	U
PCB-1260	0.5	U
PCB-1262	0.5	U
PCB-1268	0.5	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	87	%
Decachlorobiphenyl	58	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS:

PCB EXT Report

Authorized signature

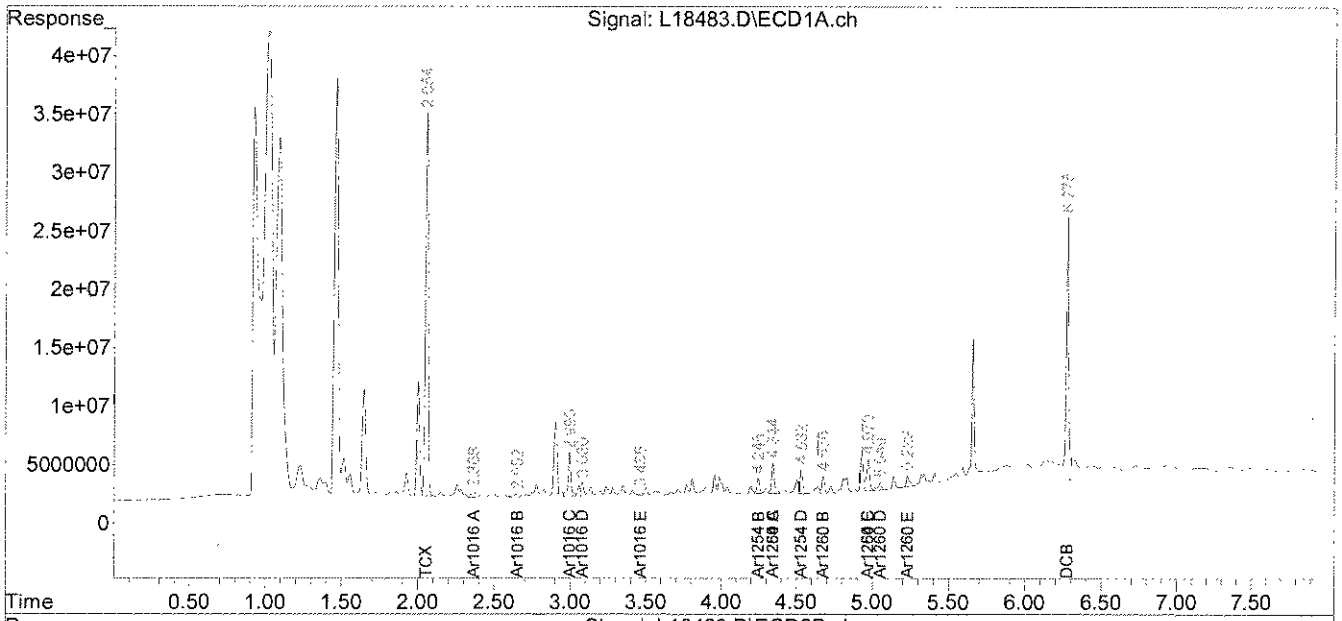
Quantitation Report (QT Reviewed)

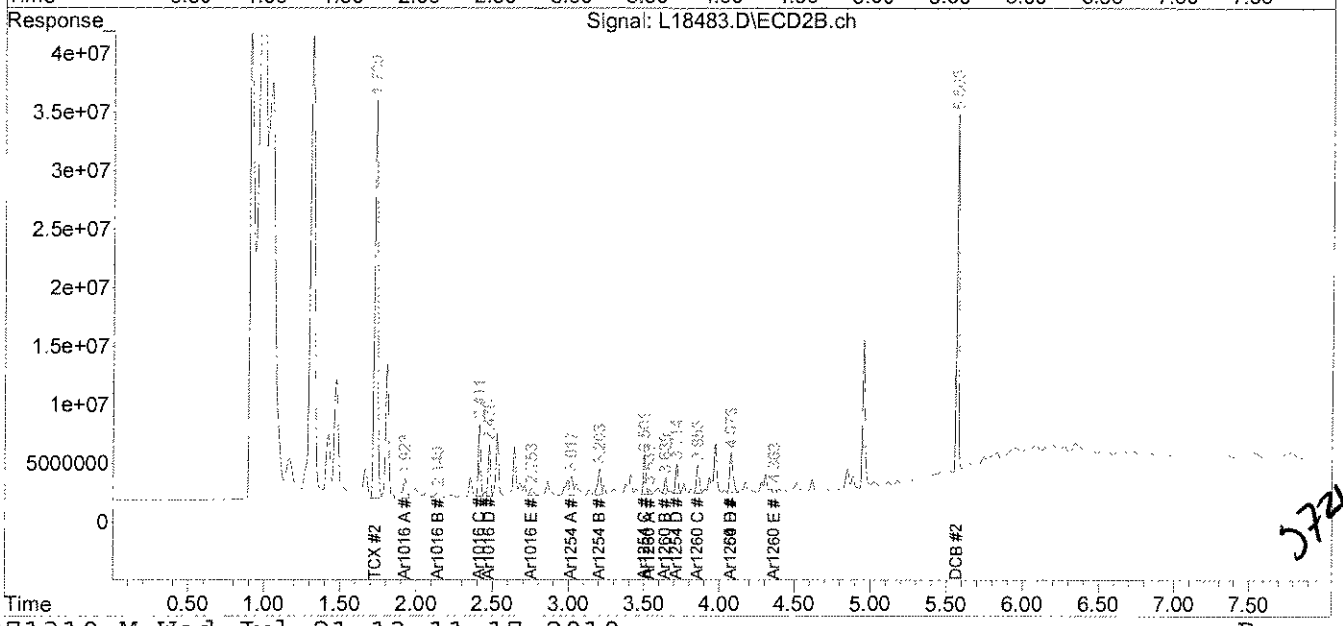
Data Path : C:\msdchem\1\DATA\072110-L\
Data File : L18483.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 10 12:29 pm
Operator : JK
Sample : 67243-4,,A/C
Misc : SOIL
ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 21 13:11:11 2010
Quant Method : C:\msdchem\1\METHODS\PCB071310.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 15 21:10:04 2010
Response via : Initial Calibration
Integrator: ChemStation

JL 07.21.10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





JL 7.21.10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 21, 2010

SAMPLE DATA

Lab Sample ID:	67243-5
Matrix:	Wipe
Percent Solid:	N/A
Dilution Factor:	1.0
Collection Date:	07/15/10
Lab Receipt Date:	07/16/10
Extraction Date:	07/16/10
Analysis Date:	07/21/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	22399
Field Sample ID:	AA-VWP-155

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/wipe	Results µg/wipe
PCB-1016	0.5	U
PCB-1221	0.5	U
PCB-1232	0.5	U
PCB-1242	0.5	U
PCB-1248	0.5	U
PCB-1254	0.5	U
PCB-1260	0.5	U
PCB-1262	0.5	U
PCB-1268	0.5	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	90	%
Decachlorobiphenyl	63	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS:

PCB EXT Report

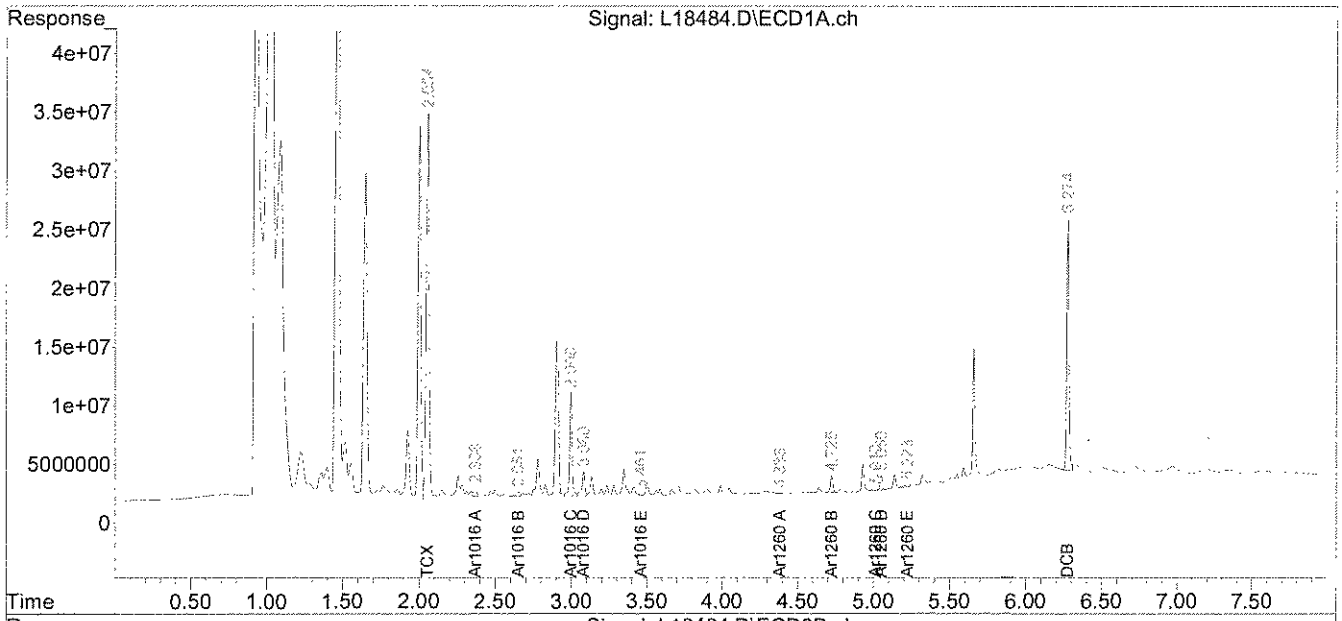
Authorized signature

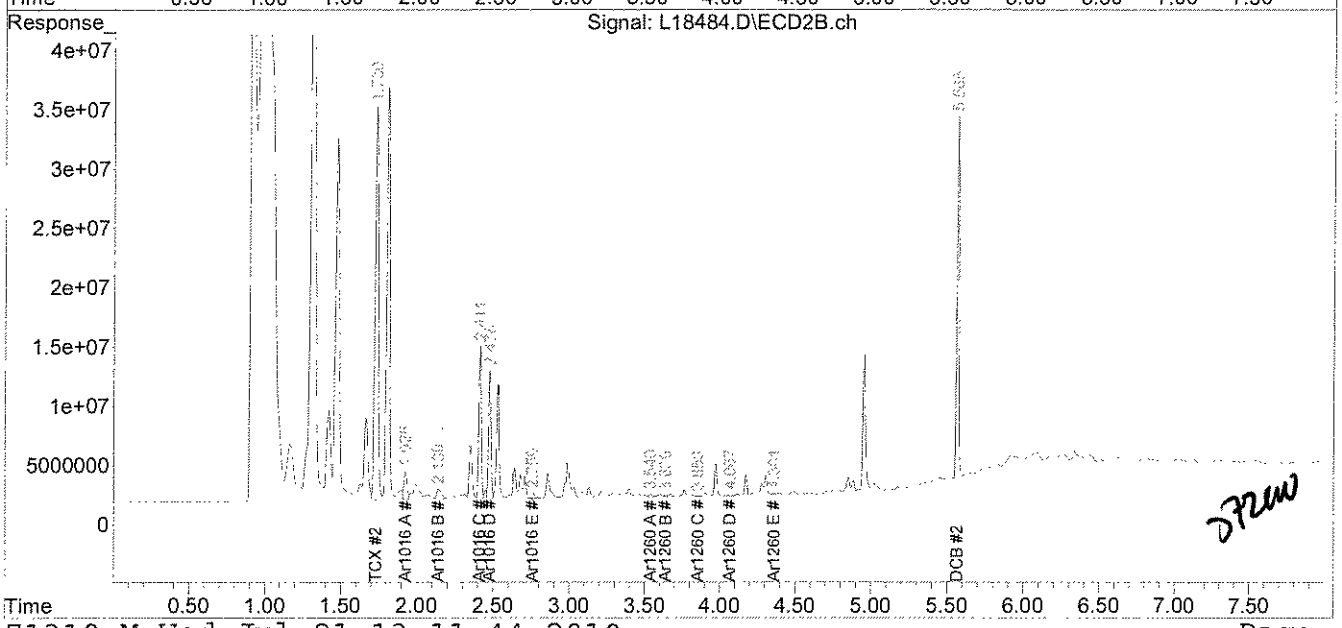
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\072110-L\
Data File : L18484.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 10 12:39 pm
Operator : JK
Sample : 67243-5,,A/C
Misc : SOIL
ALS Vial : 22 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 21 13:11:33 2010
Quant Method : C:\msdchem\1\METHODS\PCB071310.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 15 21:10:04 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 21, 2010

SAMPLE DATA

Lab Sample ID:	67243-6
Matrix:	Wipe
Percent Solid:	N/A
Dilution Factor:	1.0
Collection Date:	07/15/10
Lab Receipt Date:	07/16/10
Extraction Date:	07/16/10
Analysis Date:	07/21/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	22399
Field Sample ID:	AA-VWP-556

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/ wipe	Results µg/wipe
PCB-1016	0.5	U
PCB-1221	0.5	U
PCB-1232	0.5	U
PCB-1242	0.5	U
PCB-1248	0.5	U
PCB-1254	0.5	U
PCB-1260	0.5	U
PCB-1262	0.5	U
PCB-1268	0.5	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	90	%
Decachlorobiphenyl	66	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS:

PCB EXT Report

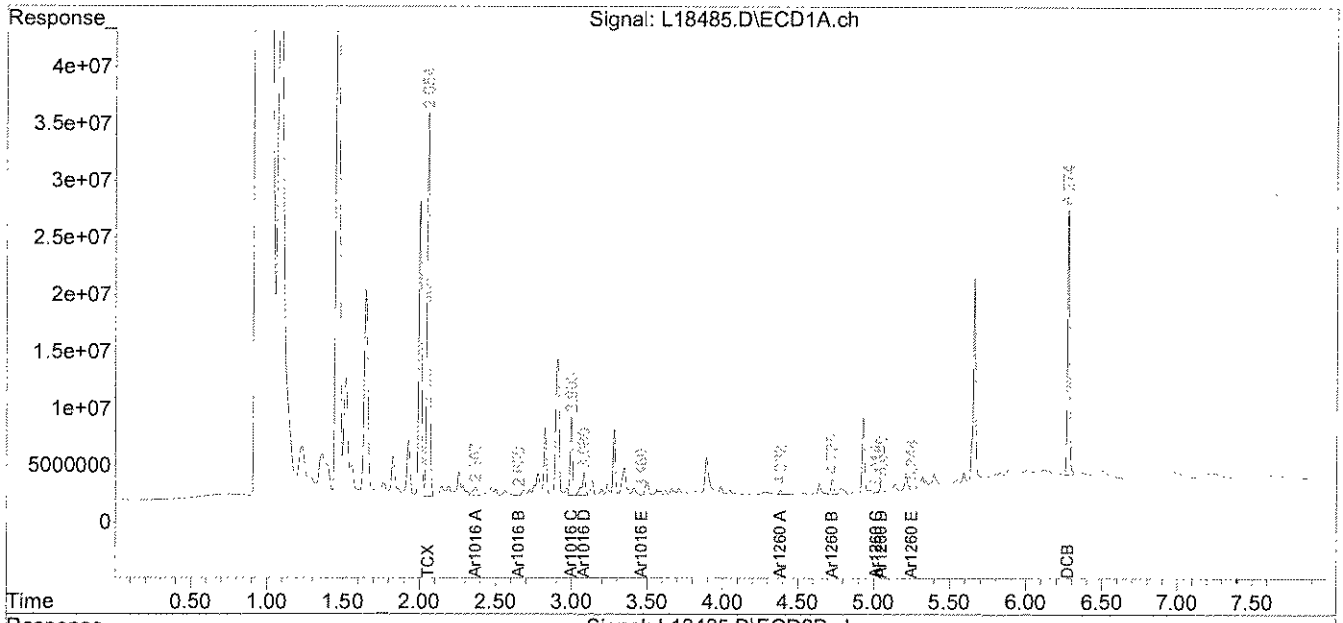
Authorized signature

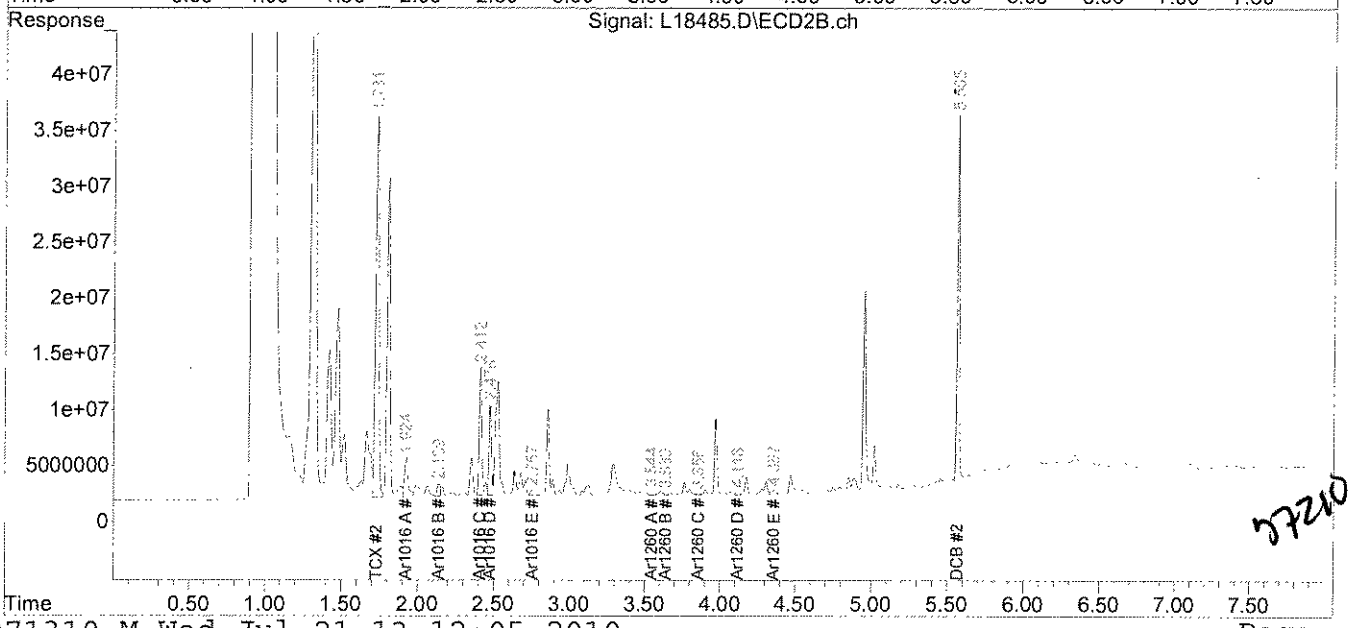
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\072110-L\
Data File : L18485.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 10 12:50 pm
Operator : JK
Sample : 67243-6,,A/C
Misc : SOIL
ALS Vial : 23 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 21 13:11:56 2010
Quant Method : C:\msdchem\1\METHODS\PCB071310.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 15 21:10:04 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





PCB
QC FORMS

AnalyticsLLC:AEL Documents LLC:Pkg Dividers:PCBQC.doc

PCB SOIL
SYSTEM MONITORING COMPOUNDS
SUMMARY

Instrument ID: L
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67243

	Column #1				Column #2			
SAMPLE ID	SMC 1 (%)	#	SMC 2 (%)	#	SMC 1 (%)	#	SMC 2 (%)	#
B071610PSOX,,A/C	85		73		86		68	
L071610PSOX,,A/C	87		75		88		70	
LD071610PSOX,,A/C	87		77		87		87	
L071610PSOXW,,A/C	86		77		89		73	
LD071610PSOXW,,A/C	89		74		87		70	
67243-1,,A/C	81		57		87		53	
67243-2,,A/C	87		59		96		57	
67243-3,,A/C	49		57		58		53	
67243-4,,A/C	86		62		87		58	
67243-5,,A/C	90		63		86		58	
67243-6,,A/C	90		66		88		62	

		Lower Limit	Upper Limit
SMC #1 =	TCX	40	130
SMC #2 =	DCB	40	130

\# Column to be used to flag recovery values outside of QC limits
* Values outside QC limits
D System Monitoring Compound diluted out

PCB FORM 2

PCB SOIL
LABORATORY CONTROL SAMPLE/DUPLICATE
PERCENT RECOVERY

Instrument ID: M

GC Column #1: STX-CLPesticides I

Column ID: 0.25 mm

GC Column #2: STX-CLPesticides II

Column ID: 0.25 mm

SDG: 67243

Non-spiked sample: B071610PSOX,,A/C

Spike: L071610PSOX,,A/C

Spike duplicate: LD071610PSOX,,A/C

COMPOUND	LCS SPIKE ADDED (ug/kg)	LCSD SPIKE ADDED (ug/kg)	LOWER LIMIT	UPPER LIMIT	RPD LIMIT	NON-SPIKE RESULT (ug/kg)	SPIKE RESULT (ug/kg)	SPIKE % REC	#	SPIKE DUP RESULT (ug/kg)	SPIKE DUP % REC	#	RPD	#
PCB 1016	200	200	65	140	30	0	209	104		237	118		12.4	
PCB 1260	200	200	60	130	30	0	169	85		193	96		12.8	
PCB 1016 #2	200	200	65	140	30	0	253	126		244	122		3.4	
PCB 1260 #2	200	200	60	130	30	0	193	97		228	114		16.2	

Column to be used to flag recovery and RPD values outside of QC limits

* Values outside QC limits

LCS/LCSD spike added values have been weight adjusted.

Non-spike result of "0" used in place of "U" to allow calculation of spike recovery.

Comments: _____

PCB FORM 3

PCB SOIL
LABORATORY CONTROL SAMPLE/DUPLICATE
PERCENT RECOVERY

Instrument ID: M

GC Column #1: STX-CLPesticides I

Column ID: 0.25 mm

GC Column #2: STX-CLPesticides II

Column ID: 0.25 mm

SDG: 67243

Non-spiked sample: B071610PSOX,,A/C

Spike: L071610PSOXW,,A/C

Spike duplicate: LD071610PSOXW,,A/C

COMPOUND	LCS SPIKE ADDED (ug/kg)	LCSD SPIKE ADDED (ug/kg)	LOWER LIMIT	UPPER LIMIT	RPD LIMIT	NON-SPIKE RESULT (ug/kg)	SPIKE RESULT (ug/kg)	SPIKE % REC	#	SPIKE DUP RESULT (ug/kg)	SPIKE DUP % REC	#	RPD	#
PCB 1016	200	200	65	140	30	0	230	115		193	97		17.3	
PCB 1260	200	200	60	130	30	0	208	104		194	97		6.8	
PCB 1016 #2	200	200	65	140	30	0	274	137		210	105		26.6	
PCB 1260 #2	200	200	60	130	30	0	197	99		200	100		1.4	

Column to be used to flag recovery and RPD values outside of QC limits

* Values outside QC limits

LCS/LCSD spike added values have been weight adjusted.

Non-spike result of "0" used in place of "U" to allow calculation of spike recovery.

Comments: _____

_____

CHAIN OF CUSTODIES

Chain Of Custody Form

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, NH 03801
Phone (603) 436-5111
Fax (603) 430-2151

For Analytics Use Only Rev. 5 06/18/08

Samples were:
1) Shipped or hand-delivered
2) Temp blank °C 5° on ice
3) Received in good condition Y or N
4) pH checked by: N/A
5) Labels checked by: JJW 7.16.10

Project#: 22309 Proj. Name: AMISTAD ACADEMY
Company: Woodard &Curran
Contact: GEORGE FRANKLIN / JEFF HAMEL
Address: 41 Hutchins Drive
Portland, ME
Phone: (207)774-2112 PO# Quote # WCI03051001
Sampler (Signature): [signature]

Matrix Key:
C = Concrete
WP = Wipe
WW = Wastewater
SW = Surface Water
GW = Groundwater
DW = Drinking Water
S = Soil/Sludge
O = Oil
E = Extract

Preservation: Unpres, 4° C, HNO_3, H_2SO_4, HCL, Methanol, Other Hexane

Container Key: P=plastic G=glass

Station Identification	Sample Date	Sample Time	Analysis	Unpres	4° C	HNO_3	H_2SO_4	HCL	Methanol	Other	Matrix	Container number/type		pH	Analytics Sample #
AA-VCC-151	7/15/10	0726	PCB's by U.S. E.P.A. 8082 w/ Soxhlet Extraction		✓						C	1	G		67243-1
AA-VCC-152		0730			✓						C	1	G		2
AA-VCC-153		0740			✓						C	1	G		3
AA-VWP-154		0830								✓	W	1	G		4
AA-VWP-155		1330								✓	W	1	G		5
AA-VWP-556		1335								✓	W	1	G		6

CP 7/16/10

Received By: Fed Ex Time: Date: 7/15/10
Received By: [signature] Time: 1000 Date: 7/16/10
Received By: [signature] Time: CP 7/16/10 Date:

Relinquished By Sampler: [signature]
Relinquished By: Fed Ex
Relinquished By:

Email Results to:
gfranklin...
jhamel...

Comments / Instructions:
R.L. ≤1.0 mg/kg

Turnaround Time (TAT)
☐ 24hr* ☐ 48hr*
☐ 72hr* ☑ 5 Days* STD 3-5 DAY TURN AROUND.
☐ 10 Days
*Fee may apply; lab approval required

Project Requirements:
*Fee may apply

Report Type:
☐ MCP* ☑ Level II*
☐ CTRCP* ☐ Level III*
☐ DOD* ☐ Level IV*
☐ Standard

State:
☐ NH
☐ MA
☐ ME
☑ CT
☐ RI
Other:

State Standard:
(eg. S-1 or GW-1)
EDD Required: Y* N
Type: .xls

Analytics\AEL Documents\AEL COC

Page 1 of 1

ANALYTICS SAMPLE RECEIPT CHECKLIST

analytics environmental laboratory LLC

AEL LAB#: 67243

CLIENT: Woodard

PROJECT: Amistad Academy

COOLER NUMBER: N/A

NUMBER OF COOLERS: 1

DATE RECEIVED: 7/16/10

A: PRELIMINARY EXAMINATION:

DATE COOLER OPENED: 7/16/10

1. Cooler received by(initials): CP

Date Received: 7/16/10

2. Circle one: Hand delivered (If so, skip 3) Shipped

3. Did cooler come with a shipping slip? Y N

3a. Enter carrier name and airbill number here: FedEx 7937 3058 7541

4. Were custody seals on the outside of cooler? Y N
How many & where: 4 on lid Seal Date: N/A Seal Name: JR

5. Did the custody seals arrive unbroken and intact upon arrival? Y N

6. COC#: N/A

7. Were Custody papers filled out properly (ink,signed, etc)? - No relinquished time written by sampler Y N

8. Were custody papers sealed in a plastic bag? Y N

9. Did you sign the COC in the appropriate place? Y N

10. Was the project identifiable from the COC papers? Y N

11. Was enough ice used to chill the cooler? Y N Temp. of cooler: 5° on ice

B. Log-In: Date samples were logged in: 7/16/10 By: CP

12. Type of packing in cooler(bubble wrap, popcorn) Y N

13. Were all bottles sealed in separate plastic bags? Y N

14. Did all bottles arrive unbroken and were labels in good condition? Y N

15. Were all bottle labels complete(ID,Date,time,etc.) Y N

16. Did all bottle labels agree with custody papers? Y N

17. Were the correct containers used for the tests indicated: Y N

18. Were samples received at the correct pH? Y N/A

19. Was sufficient amount of sample sent for the tests indicated? Y N

20. Were bubbles absent in VOA samples? Y N/A

If NO, List Sample ID's and Lab #s: _____

21. Laboratory labeling verified by (initials): Jw Date: 7·16·10

From: Origin ID: BNHA (203) 271-0379
Jesse Ream
WOODARD & CURRAN INC
1520 HIGHLAND AVENUE

CHESHIRE, CT 06410

FedEx Express

J19201085260225

Ship Date: 15JUL10
ActWgt: 25.0 LB
CAD: 2185050/INET3060

Delivery Address Bar Code

Ref # 223019.00
Invoice #
PO #
Dept #

SHIP TO: (603) 436-5111 BILL SENDER

Analytics Enviro Labs, LLC
Analytics Enviro Labs, LLC
195 COMMERCE WAY UNIT E

PORTSMOUTH, NH 03801

TRK# 0201 7937 3058 7541

FRI - 16 JUL A2
PRIORITY OVERNIGHT

03801
NH-US
MHT

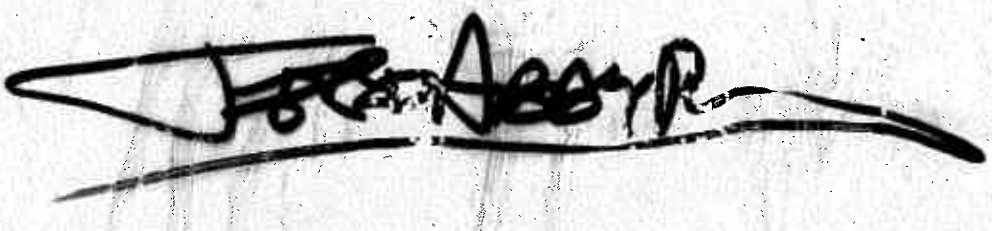
03 IGGA

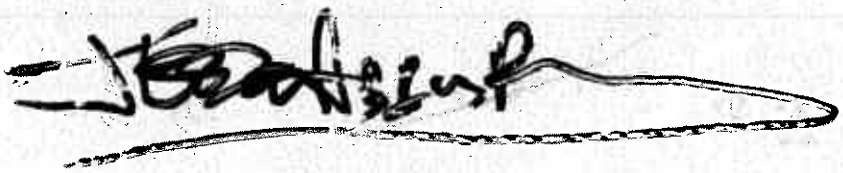
506G1/9807/9A24

After printing this label:
1. Use the 'Print' button on this page to print your label to your laser or inkjet printer.
2. Fold the printed page along the horizontal line.
3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

Warning: Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com.FedEx will not be responsible for any claim in excess of $100 per package, whether the result of loss, damage, delay, non-delivery,misdelivery,or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim.Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic valueof the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental,consequential, or special is limited to the greater of $100 or the authorized declared value. Recovery cannot exceed actual documented loss.Maximum for items of extraordinary value is $500, e.g. jewelry, precious metals, negotiable instruments and other items listed in our ServiceGuide. Written claims must be filed within strict time limits, see current FedEx Service Guide.





analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

July 26, 2010

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

RE: Analytical Results Case Narrative
Analytics # 67273
AMISTAD ACADEMY

Dear Mr. Franklin;

Enclosed please find the analytical results for samples submitted for the above-mentioned project. The attached Cover Page lists the sample IDs, Lab tracking numbers and collection dates for the samples included in this deliverable.

Samples were analyzed Polychlorinated Biphenyls (PCBs) by EPA Method 8082.

Unless otherwise noted in the Non-conformance Summary listed below, all of the quality control (QC) criteria including initial calibration, calibration verification, surrogate recovery, holding time and method accuracy/precision for these analyses were within acceptable limits.

This Level II data package has been assembled in the following order:

Case Narrative/Non-Conformance Summary
Sample Log Sheet - Cover Page
PCB Form 1 Data Sheet for Samples and Blanks
Chromatograms
PCB Form 10 Confirmation Results
PCB Form 3 MS/MSD (LCS) Recoveries
Chain of Custody (COC) Forms

QC NON-CONFORMANCE SUMMARY

Sample Receipt:
No exceptions.

PCBs by EPA Method 8082:
No results were reported below the quantitation limit.

The MS/MSD analyzed on sample 67273-6 had high recovery for PCB 1260 due to the concentrations of PCB 1254 detected in the parent sample.

If you have any questions on these results, please do not hesitate to contact me.

Sincerely,
ANALYTICS Environmental Laboratory, LLC

Stephen L. Knollmeyer
Laboratory Director

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

Report Number: 67273

Revision: Rev. 0

Re: Amistad Academy (Project No: 223019)

Enclosed are the results of the analyses on your sample(s). Samples were received on 20 July 2010 and analyzed for the tests listed. Samples were received in acceptable condition, with the exceptions noted below or on the chain of custody. These results pertain to samples as received by the laboratory and for the analytical tests requested on the chain of custody. The results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report. Please see individual reports for specific methodologies and references.

Lab Number	Sample Date	Station Location	Analysis	Comments
67273-1	07/16/10	AA-VCC-157	EPA 8082 (PCBs only)	
67273-2	07/19/10	AA-VWP-158	EPA 8082 (PCBs only)	
67273-3	07/19/10	AA-VWP-559	EPA 8082 (PCBs only)	
67273-4	07/19/10	AA-VWP-Q-160	EPA 8082 (PCBs only)	
67273-5	07/19/10	AA-VWP-161	EPA 8082 (PCBs only)	
67273-6	07/19/10	AA-VCC-162	EPA 8082 (PCBs only)	
67273-7	07/19/10	AA-VWP-163	Electronic Data Deliverable	
	07/19/10	AA-VWP-163	EPA 8082 (PCBs only)	

Sample Receipt Exceptions: None

Analytics Environmental Laboratory is certified by the states of New Hampshire, Maine, Massachusetts, Connecticut, Rhode Island, Virginia, Maryland, and is accredited by the Deparment of Defense (DOD) ELAP program. A list of actual certified parameters is available upon request.

If you have any questions on these results, please do not hesitate to contact us.

Authorized signature _____
Stephen L. Knollmeyer Lab. Director

Date 07/26/2010

This report shall not be reproduced, except in full, without the written consent of Analytics Environmental Laboratory, LLC.

Surrogate Compound Limits

Matrix:	Aqueous	Solid	
Units:	% Recovery	% Recovery	Method
Volatile Organic Compounds - Drinking Water			
1,4-Difluorobenzene	70-130		EPA 524.2
Bromofluorobenzene	70-130		
1,2-Dichlorobenzene-d4	70-130		
Volatile Organic Compounds			
1,2-Dichloroethane-d4	70-120	70-120	EPA 624/8260B
Toluene-d8	85-120	85-120	
Bromofluorobenzene	75-120	75-120	
Semi-Volatile Organic Compounds			
2-Fluorophenol	20-110	35-105	EPA 625/8270C
d5-Phenol	15-110	40-100	
d5-nitrobenzene	40-110	35-100	
2-Fluorobiphenyl	50-110	45-105	
2,4,6-Tribromophenol	40-110	40-125	
d14-p-terphenyl	50-130	30-125	
PAH's by SIM			
d5-nitrobenzene	21-110	35-110	EPA 8270C
2-Fluorobiphenyl	36-121	45-105	
d14-p-terphenyl	33-141	30-125	
Pesticides and PCBs			
2,4,5,6-Tetrachloro-m-xylene (TCX)	46-122	40-130	EPA 608/8082
Decachlorobiphenyl (DCB)	40-135	40-130	
Herbicides			
Dichloroacetic acid (DCAA)	30-150	30-150	
Gasoline Range Organics/TPH Gasoline			
Trifluorotoluene TFT (FID)	60-140	60-140	MEDEP 4217/EPA 8015
Bromofluorobenzene (BFB) (FID)	60-140	60-140	
Trifluorotoluene TFT (PID)	60-140	60-140	
Bromofluorobenzene (BFB) (PID)	60-140	60-140	
Diesel Range Organics/TPH Diesel			
m-terphenyl	60-140	60-140	MEDEP 4125/EPA 8015/CT ETPH
Volatile Petroleum Hydrocarbons			
2,5-Dibromotoluene (PID)	70-130	70-130	MADEP VPH May 2004 Rev1.1
2,5-Dibromotoluene (FID)	70-130	70-130	
Extracatable Petroleum Hydrocarbons			
1-chloro-octadecane (aliphatic)	40-140	40-140	MADEP EPH May 2004 Rev1.1
o-Terphenyl (aromatic)	40-140	40-140	
2-Fluorobiphenyl (Fractionation)	40-140	40-140	
2-Bromonaphthalene (fractionation)	40-140	40-140	

PCB
DATA SUMMARIES

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 24, 2010

SAMPLE DATA

Lab Sample ID:	B072010PSOX RR
Matrix:	Soil
Percent Solid:	N/A
Dilution Factor:	1.0
Collection Date:	
Lab Receipt Date:	
Extraction Date:	07/20/10
Analysis Date:	07/21/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	Lab QC

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	95	%
Decachlorobiphenyl	80	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 24, 2010

SAMPLE DATA

Lab Sample ID: B072010PSOX RR
Matrix: Wipe
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date:
Lab Receipt Date:
Extraction Date: 07/20/10
Analysis Date: 07/21/10

CLIENT SAMPLE ID

Project Name: Amistad Academy
Project Number: 223019
Field Sample ID: Lab QC

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/wipe	Results µg/wipe
PCB-1016	0.5	U
PCB-1221	0.5	U
PCB-1232	0.5	U
PCB-1242	0.5	U
PCB-1248	0.5	U
PCB-1254	0.5	U
PCB-1260	0.5	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	95	%
Decachlorobiphenyl	80	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS:

PCB Report

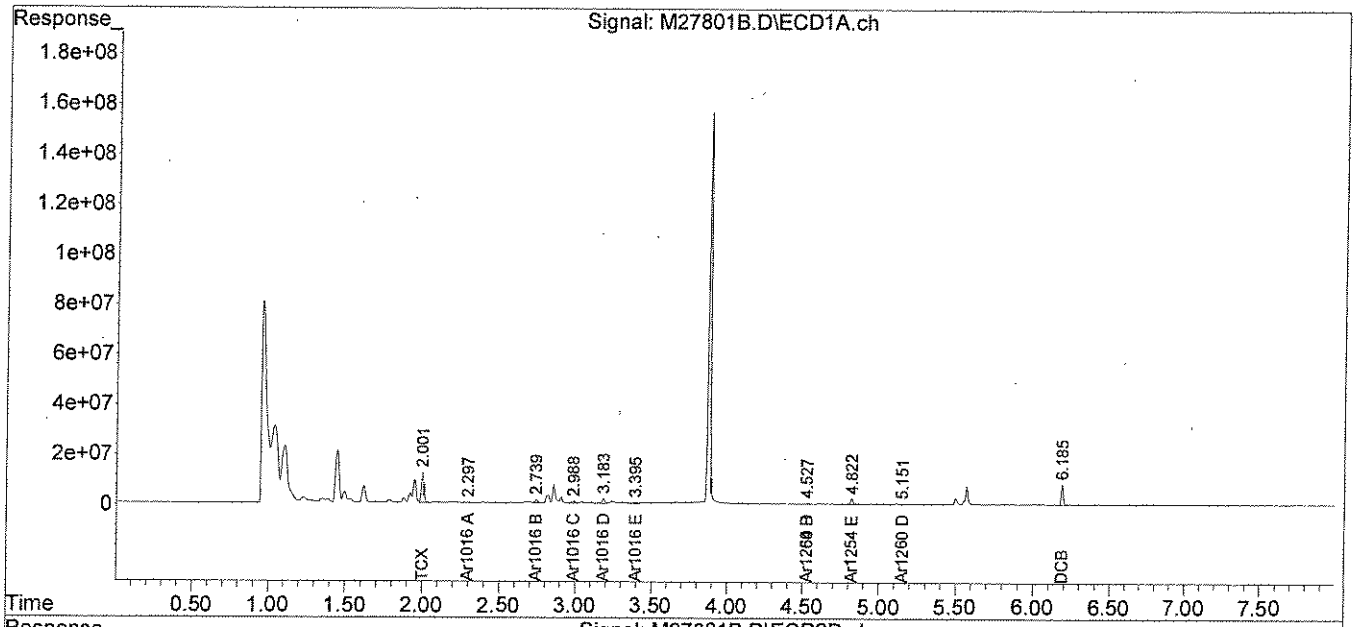
Authorized signature

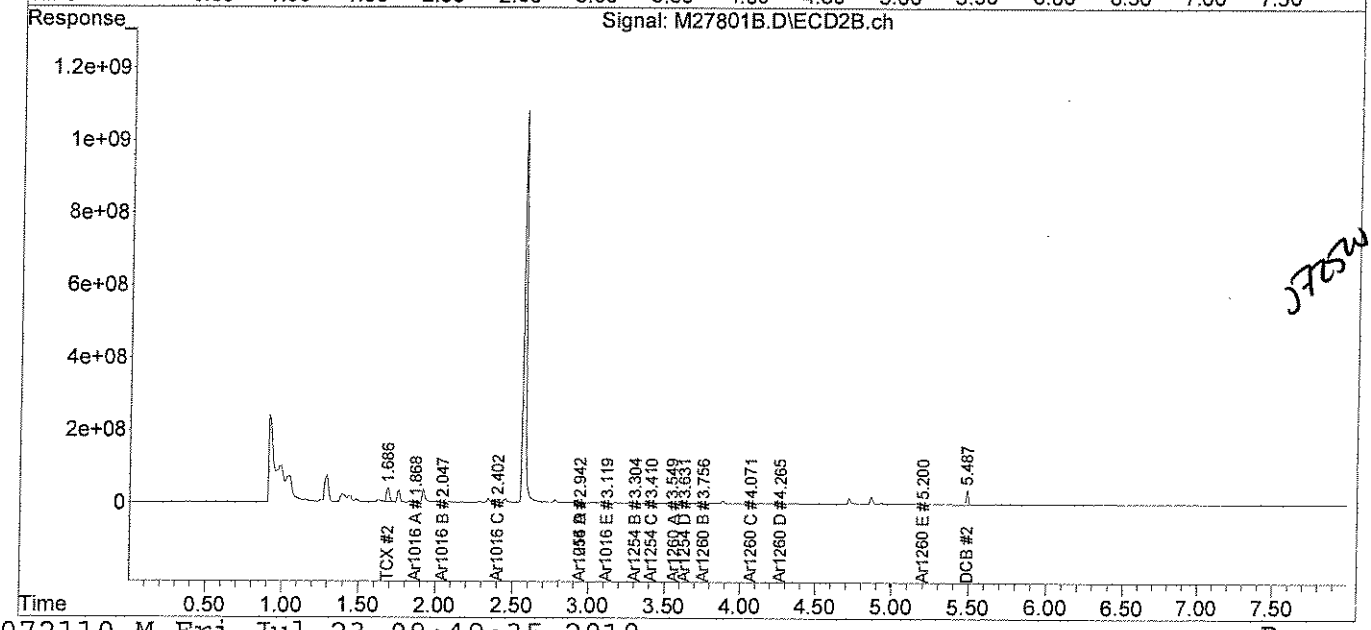
Data Path : C:\msdchem\1\DATA\072110-M\
Data File : M27801B.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 2010 10:54 pm
Operator : JK
Sample : B072010PSOX,RR,,A/C
Misc : SOIL
ALS Vial : 48 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 23 09:48:47 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um

JC 07.23.10





JTSW

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 24, 2010

SAMPLE DATA

Lab Sample ID:	B072010PW
Matrix:	Aqueous
Percent Solid:	N/A
Dilution Factor:	1.0
Collection Date:	
Lab Receipt Date:	
Extraction Date:	07/21/10
Analysis Date:	07/22/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	Lab QC

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/L	Results µg/L
PCB-1016	0.2	U
PCB-1221	0.2	U
PCB-1232	0.2	U
PCB-1242	0.2	U
PCB-1248	0.2	U
PCB-1254	0.2	U
PCB-1260	0.2	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	91	%
Decachlorobiphenyl	78	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS:

PCB Report

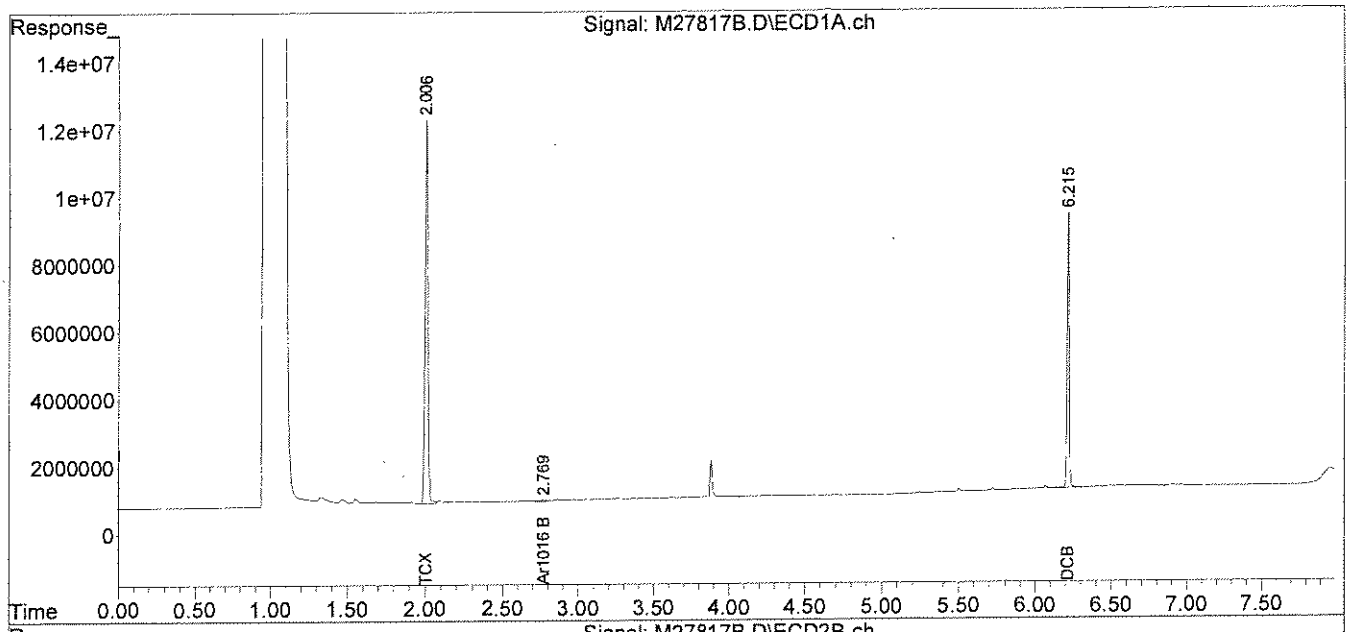
Authorized signature

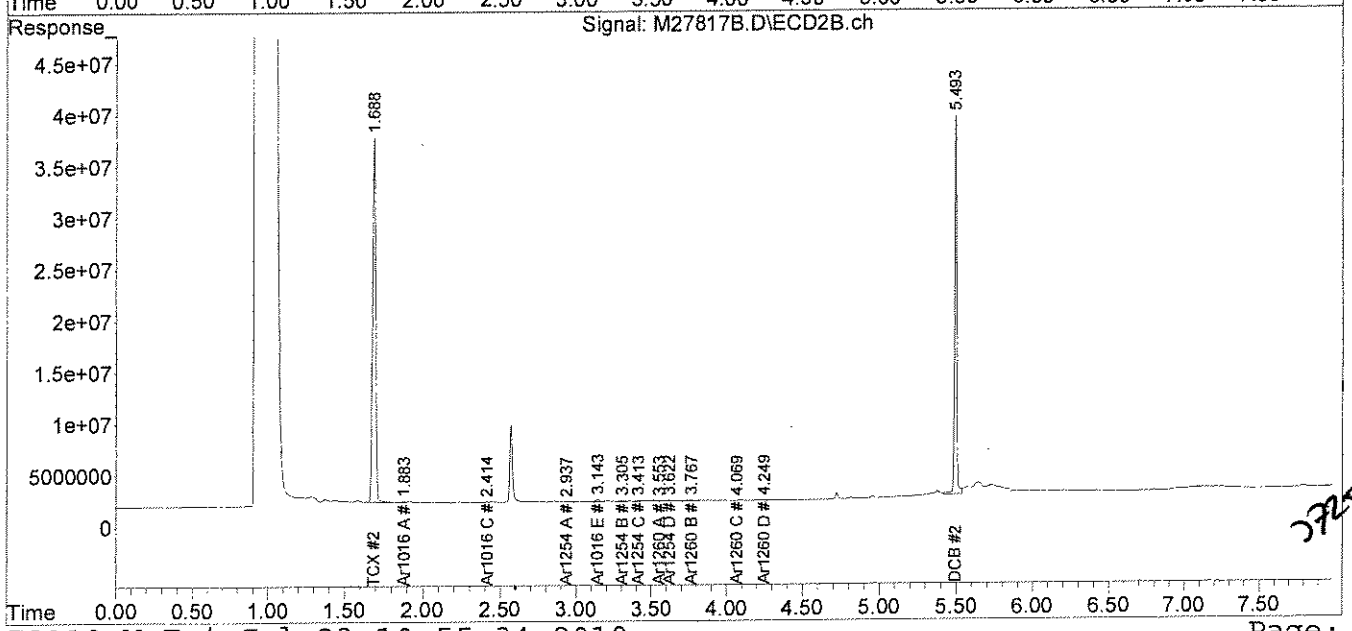
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\072110-M\
Data File : M27817B.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Jul 2010 10:58 am
Operator : JK
Sample : B072010PW
Misc :
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 23 10:54:52 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 24, 2010

SAMPLE DATA

Lab Sample ID:	67273-1
Matrix:	Solid
Percent Solid:	95
Dilution Factor:	1.0
Collection Date:	07/16/10
Lab Receipt Date:	07/20/10
Extraction Date:	07/20/10
Analysis Date:	07/21/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VCC-157

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	**70**
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	99	%
Decachlorobiphenyl	83	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67273
Sample: 67273-1,,A/C
Data File: M27802.D
Dilution Factor: 1.0

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	63	70	10.6	

Column to be used to flag RPD values greater than QC limit of 40%
* Values outside QC limits

Comments: _____

PCB FORM 10

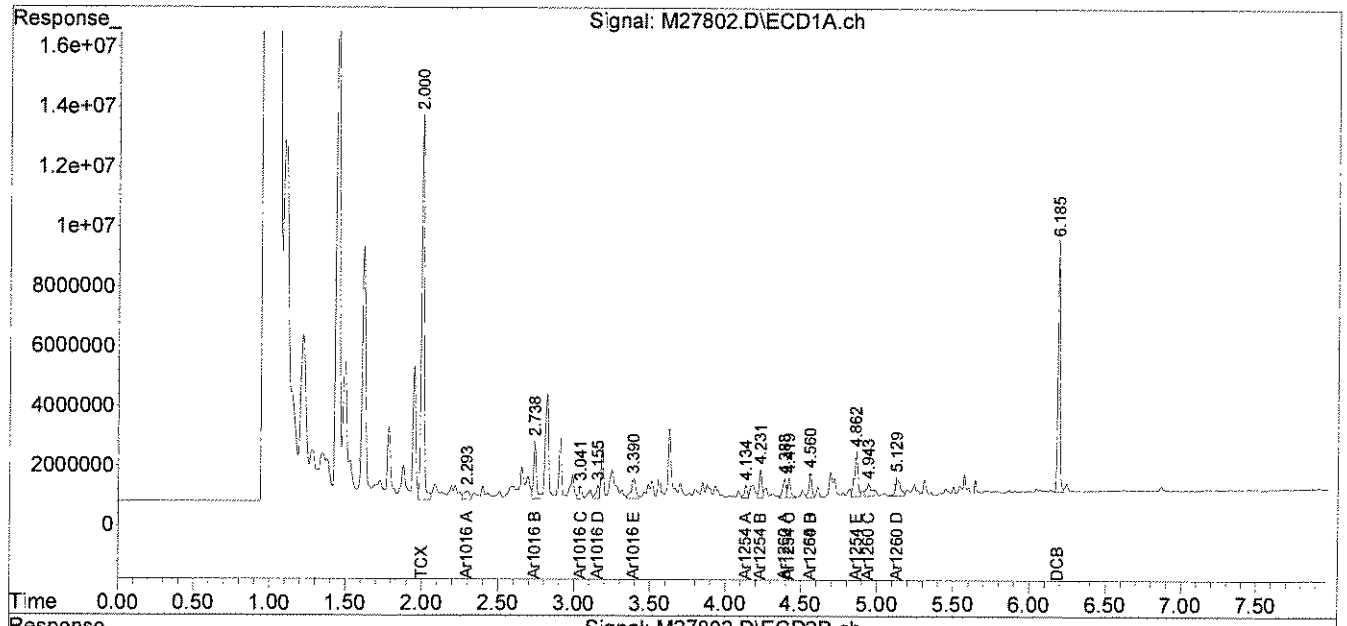
Quantitation Report (QT Reviewed)

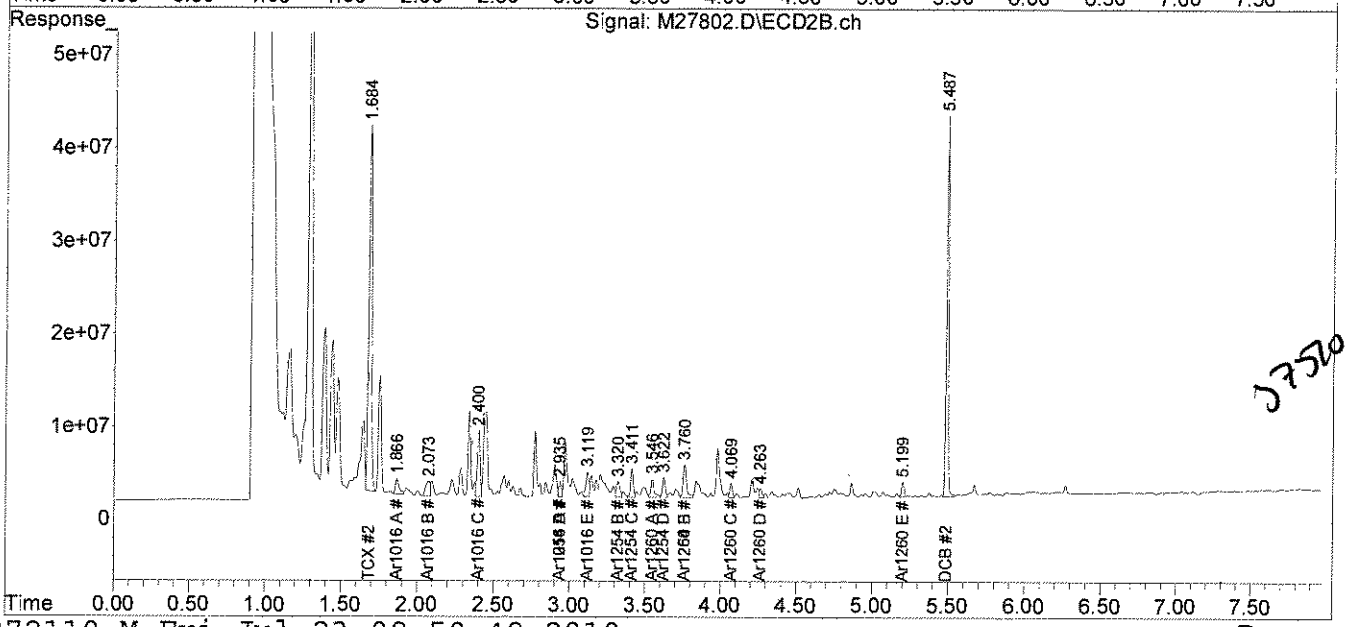
Data Path : C:\msdchem\1\DATA\072110-M\
Data File : M27802.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 2010 11:04 pm
Operator : JK
Sample : 67273-1,,A/C
Misc : SOIL
ALS Vial : 60 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 23 09:48:49 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:29 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um

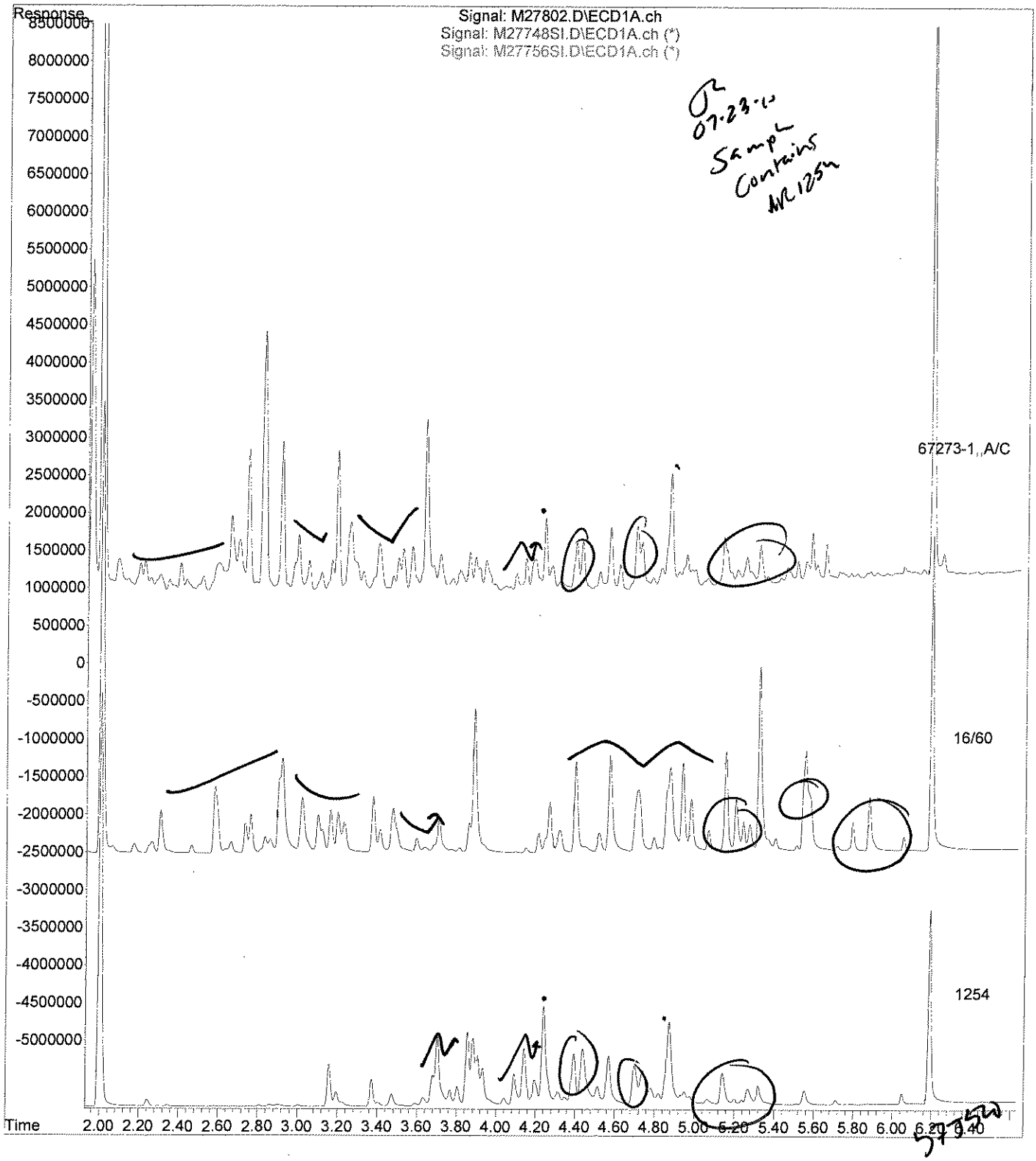
JL 07-23-10





J7520

File :C:\msdchem\1\DATA\072110-M\M27802.D
Operator : JK
Acquired : 21 Jul 2010 11:04 pm using AcqMethod PEST.M
Instrument : Instrument M
Sample Name: 67273-1,,A/C
Misc Info : SOIL
Vial Number: 60



Analytics Report 67273 page 0014 of 39

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 24, 2010

SAMPLE DATA

Lab Sample ID:	67273-2
Matrix:	Wipe
Percent Solid:	N/A
Dilution Factor:	1.0
Collection Date:	07/19/10
Lab Receipt Date:	07/20/10
Extraction Date:	07/20/10
Analysis Date:	07/21/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VWP-158

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/wipe	Results µg/wipe
PCB-1016	0.5	U
PCB-1221	0.5	U
PCB-1232	0.5	U
PCB-1242	0.5	U
PCB-1248	0.5	U
PCB-1254	0.5	U
PCB-1260	0.5	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	101	%
Decachlorobiphenyl	86	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS:

PCB Report

Authorized signature

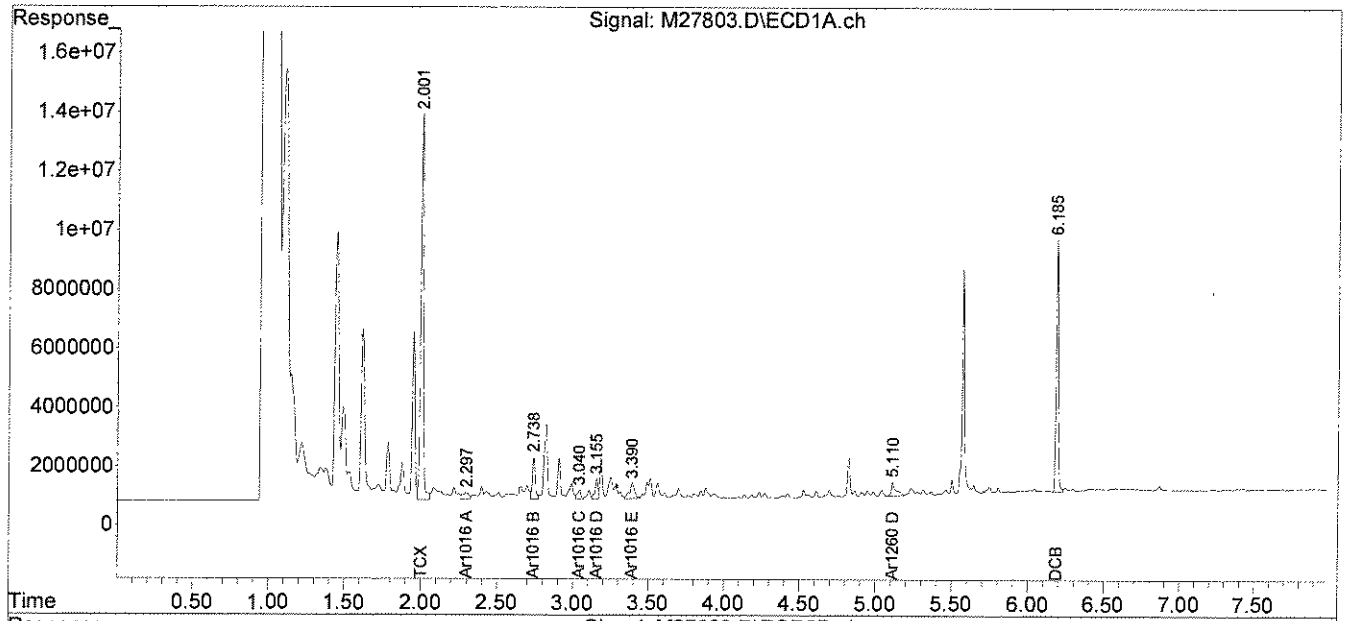
Quantitation Report (QT Reviewed)

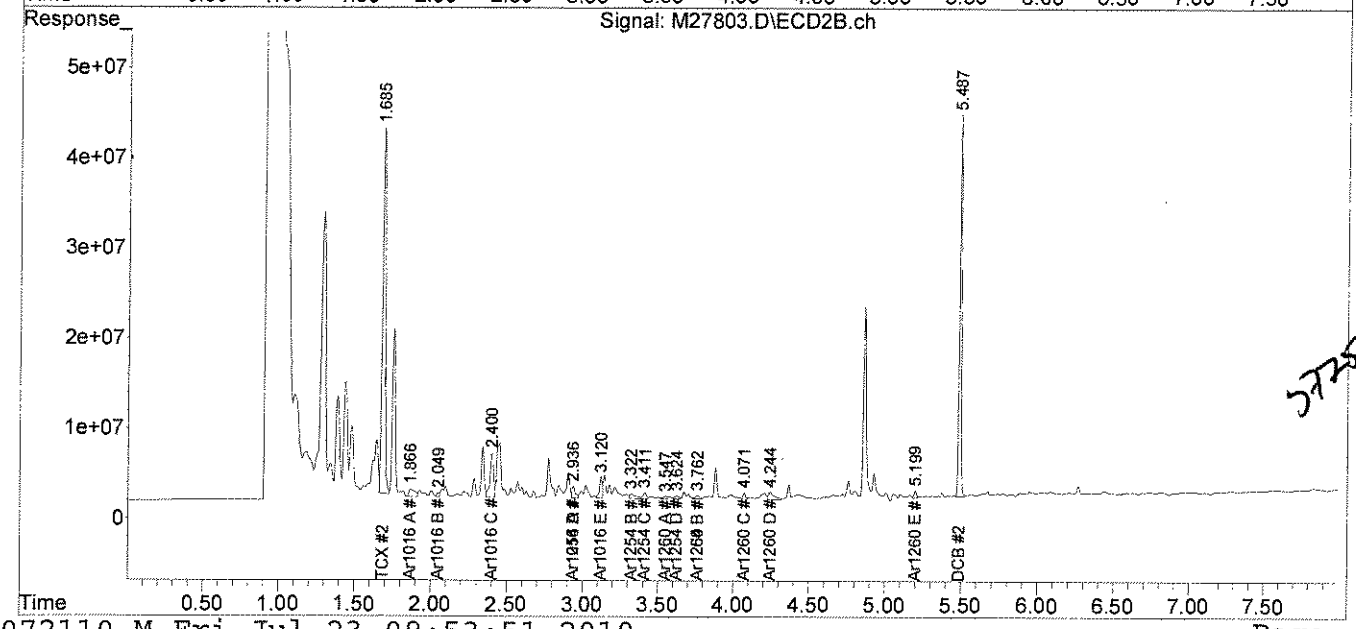
Data Path : C:\msdchem\1\DATA\072110-M\
Data File : M27803.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 2010 11:15 pm
Operator : JK
Sample : 67273-2,,A/C
Misc : SOIL
ALS Vial : 61 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 23 09:48:51 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:29 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um

07-23-10





572520

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 24, 2010

SAMPLE DATA

Lab Sample ID:	67273-3
Matrix:	Wipe
Percent Solid:	N/A
Dilution Factor:	1.0
Collection Date:	07/19/10
Lab Receipt Date:	07/20/10
Extraction Date:	07/20/10
Analysis Date:	07/21/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VWP-559

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/wipe	Results µg/wipe
PCB-1016	0.5	U
PCB-1221	0.5	U
PCB-1232	0.5	U
PCB-1242	0.5	U
PCB-1248	0.5	U
PCB-1254	0.5	U
PCB-1260	0.5	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	99	%
Decachlorobiphenyl	84	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS:

PCB Report

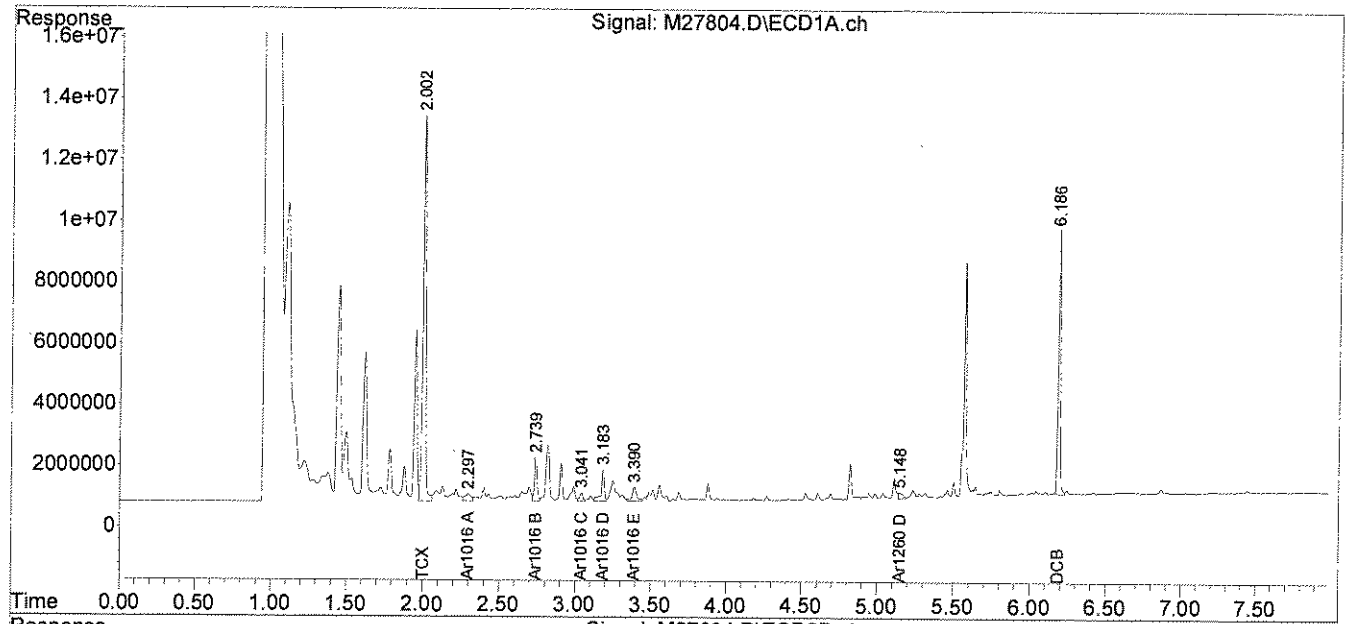
Authorized signature

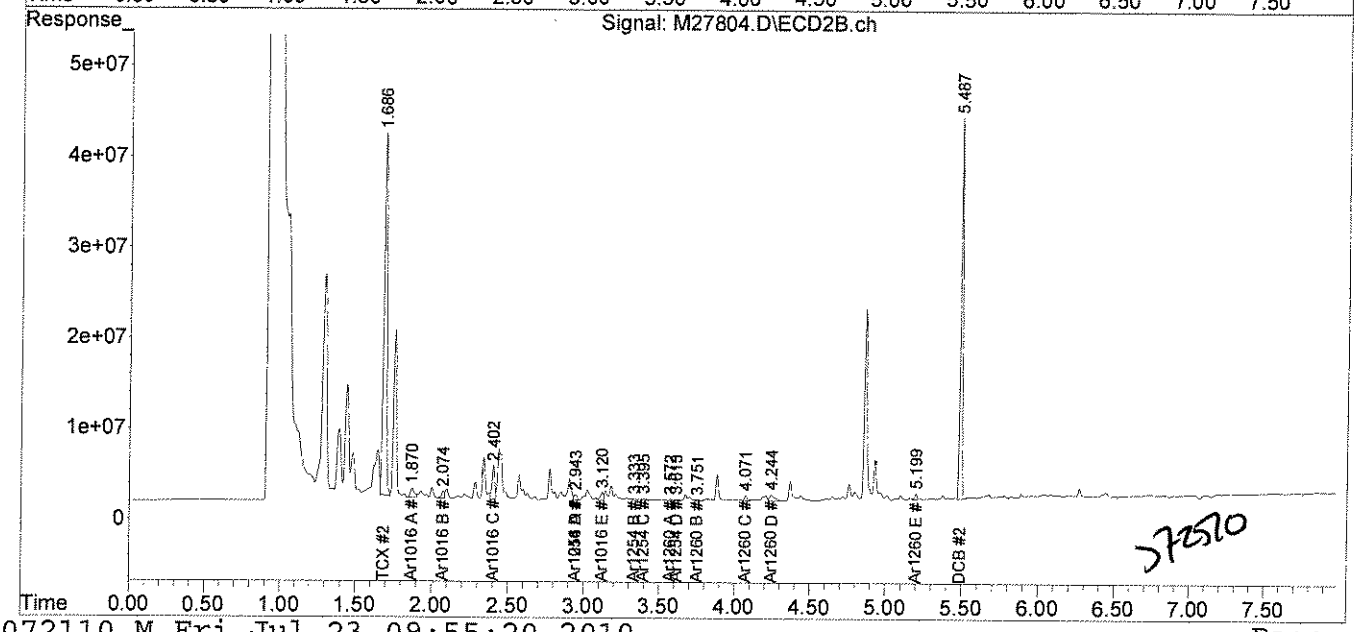
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\072110-M\
Data File : M27804.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 2010 11:25 pm
Operator : JK
Sample : 67273-3,,A/C
Misc : SOIL
ALS Vial : 62 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 23 09:48:53 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:29 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 24, 2010

SAMPLE DATA

Lab Sample ID:	67273-4
Matrix:	Aqueous
Percent Solid:	N/A
Dilution Factor:	1.0
Collection Date:	07/19/10
Lab Receipt Date:	07/20/10
Extraction Date:	07/20/10
Analysis Date:	07/22/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VWP-Q-160

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/L	Results µg/L
PCB-1016	0.2	U
PCB-1221	0.2	U
PCB-1232	0.2	U
PCB-1242	0.2	U
PCB-1248	0.2	U
PCB-1254	0.2	U
PCB-1260	0.2	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	81	%
Decachlorobiphenyl	64	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS:

PCB Report

Authorized signature

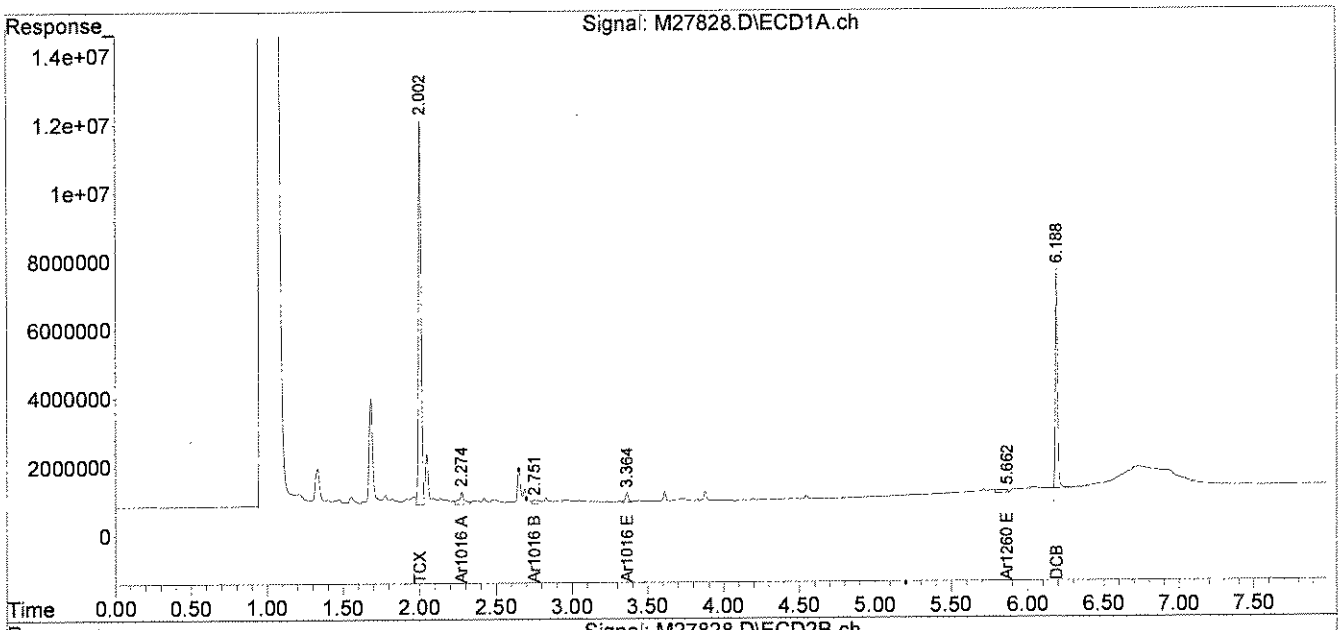
Quantitation Report (QT Reviewed)

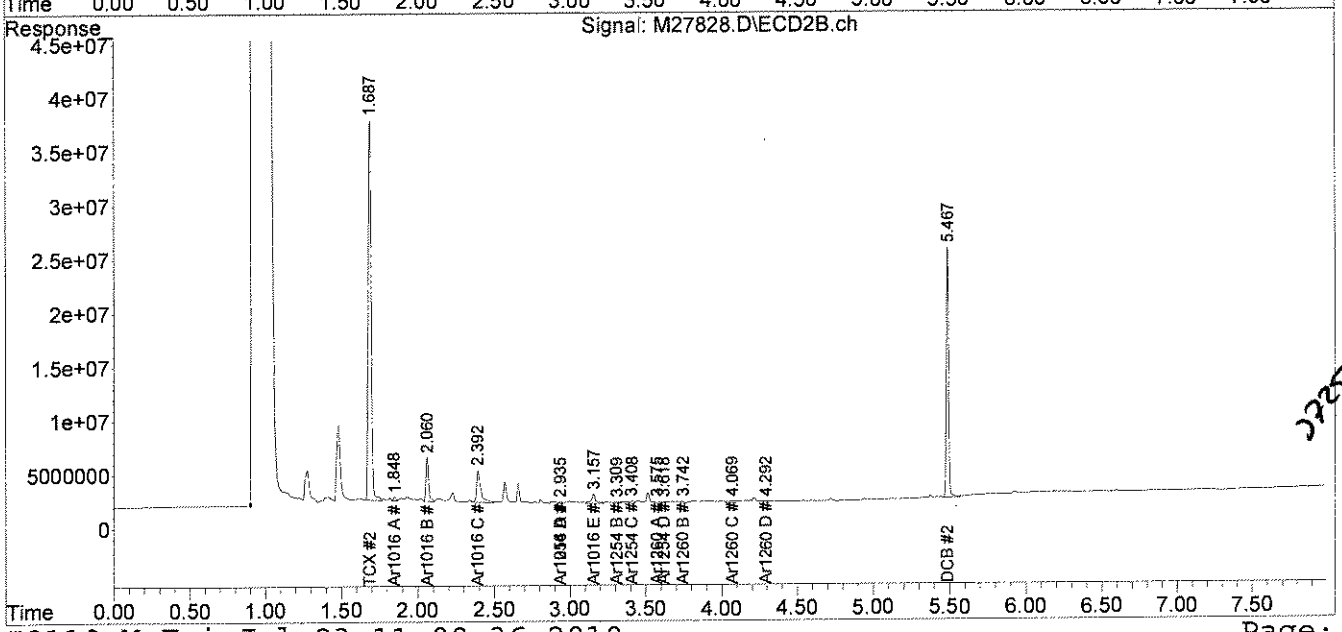
Data Path : C:\msdchem\1\DATA\072110-M\
Data File : M27828.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Jul 2010 12:51 pm
Operator : JK
Sample : 67273-4
Misc :
ALS Vial : 22 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 23 10:55:14 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:29 2010
Response via : Initial Calibration
Integrator: ChemStation

JL 07.23.10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





37250

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 24, 2010

SAMPLE DATA

Lab Sample ID:	67273-5
Matrix:	Wipe
Percent Solid:	N/A
Dilution Factor:	1.0
Collection Date:	07/19/10
Lab Receipt Date:	07/20/10
Extraction Date:	07/20/10
Analysis Date:	07/21/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VWP-161

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/wipe	Results µg/wipe
PCB-1016	0.5	U
PCB-1221	0.5	U
PCB-1232	0.5	U
PCB-1242	0.5	U
PCB-1248	0.5	U
PCB-1254	0.5	U
PCB-1260	0.5	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	93	%
Decachlorobiphenyl	81	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS:

PCB Report

Authorized signature

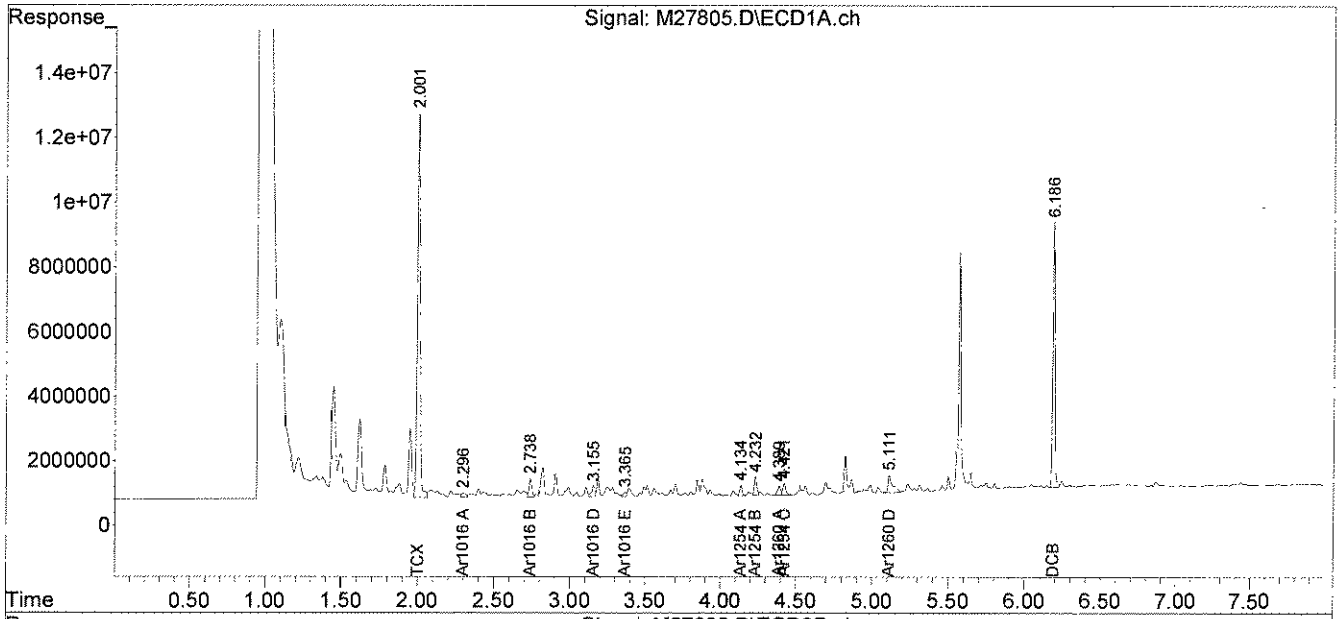
Quantitation Report (QT Reviewed)

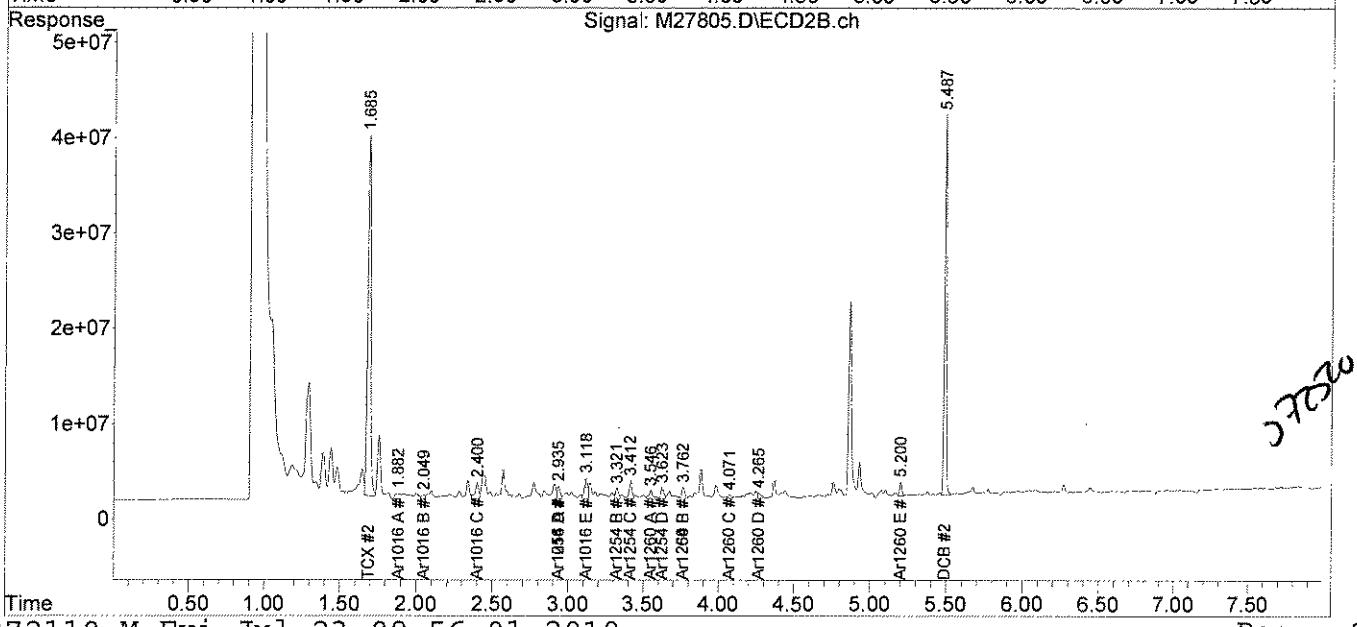
Data Path : C:\msdchem\1\DATA\072110-M\
Data File : M27805.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 2010 11:35 pm
Operator : JK
Sample : 67273-5,,A/C
Misc : SOIL
ALS Vial : 63 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 23 09:48:55 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:29 2010
Response via : Initial Calibration
Integrator: ChemStation

07.23.10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





37020

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 24, 2010

SAMPLE DATA

Lab Sample ID:	67273-6
Matrix:	Solid
Percent Solid:	99
Dilution Factor:	1.0
Collection Date:	07/19/10
Lab Receipt Date:	07/20/10
Extraction Date:	07/20/10
Analysis Date:	07/21/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VCC-162

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	**832**
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	81	%
Decachlorobiphenyl	69	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67273
Sample: 67273-6,,A/C
Data File: M27806.D
Dilution Factor: 0.9

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	832	744	11.1	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

PCB FORM 10

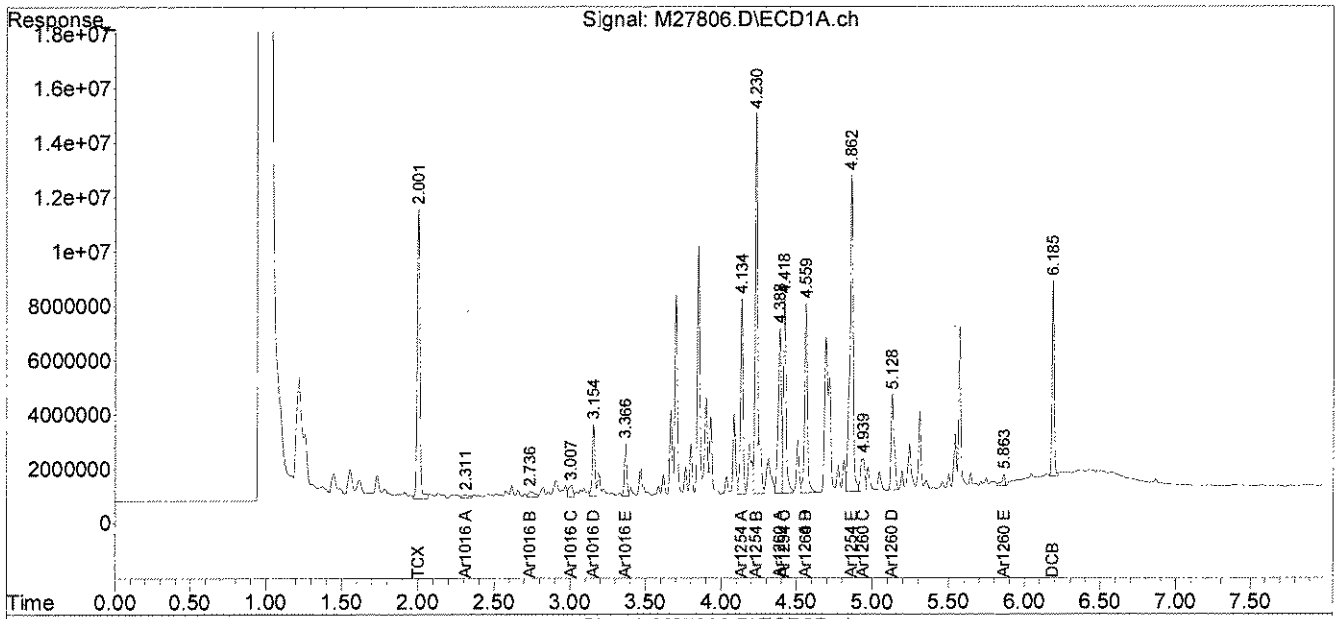
Quantitation Report (Not Reviewed)

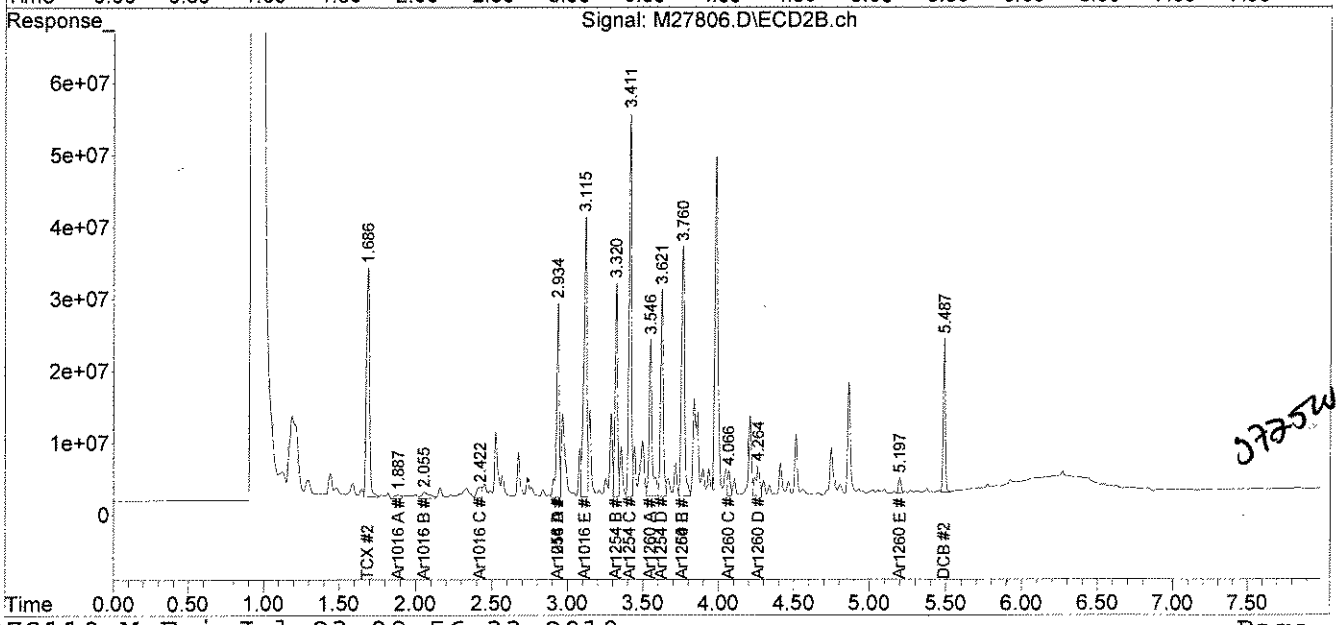
Data Path : C:\msdchem\1\DATA\072110-M\
Data File : M27806.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 2010 11:46 pm
Operator : JK
Sample : 67273-6,,A/C
Misc : SOIL
ALS Vial : 64 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 23 09:48:57 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:29 2010
Response via : Initial Calibration
Integrator: ChemStation

07-23-10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





07-25-10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 24, 2010

SAMPLE DATA

Lab Sample ID:	67273-7
Matrix:	Wipe
Percent Solid:	N/A
Dilution Factor:	1.0
Collection Date:	07/19/10
Lab Receipt Date:	07/20/10
Extraction Date:	07/20/10
Analysis Date:	07/22/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VWP-163

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/wipe	Results µg/wipe
PCB-1016	0.5	U
PCB-1221	0.5	U
PCB-1232	0.5	U
PCB-1242	0.5	U
PCB-1248	0.5	U
PCB-1254	0.5	U
PCB-1260	0.5	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	93	%
Decachlorobiphenyl	81	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS:

PCB Report

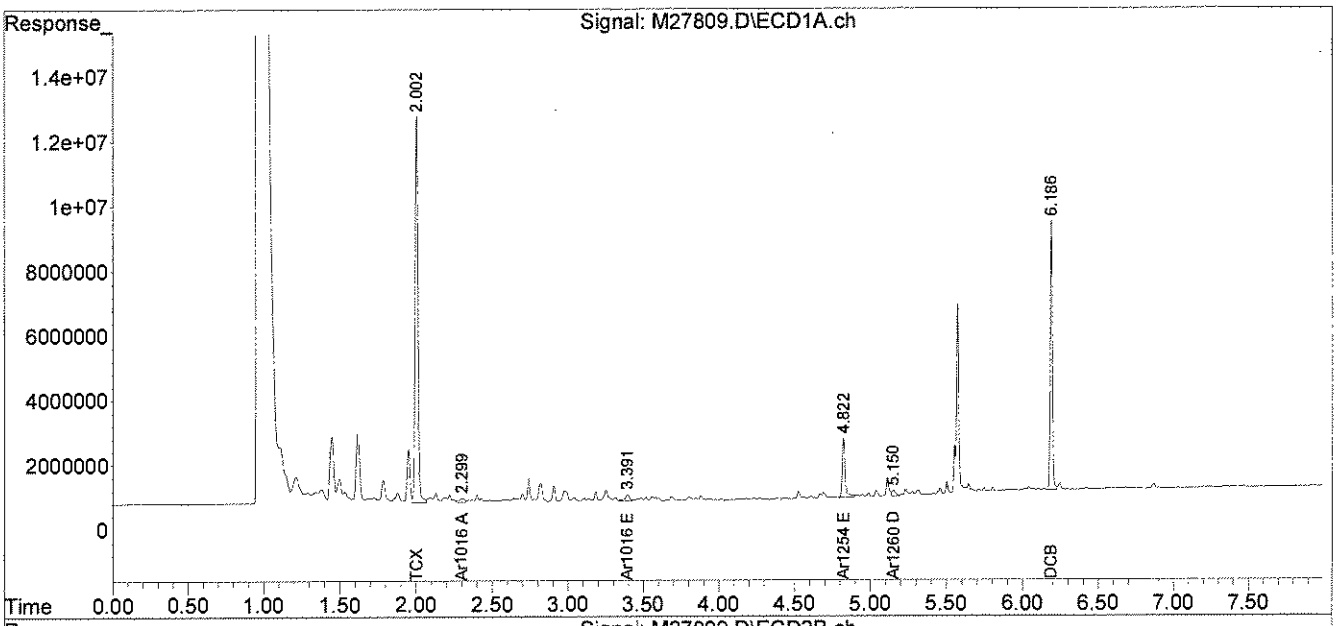
Authorized signature

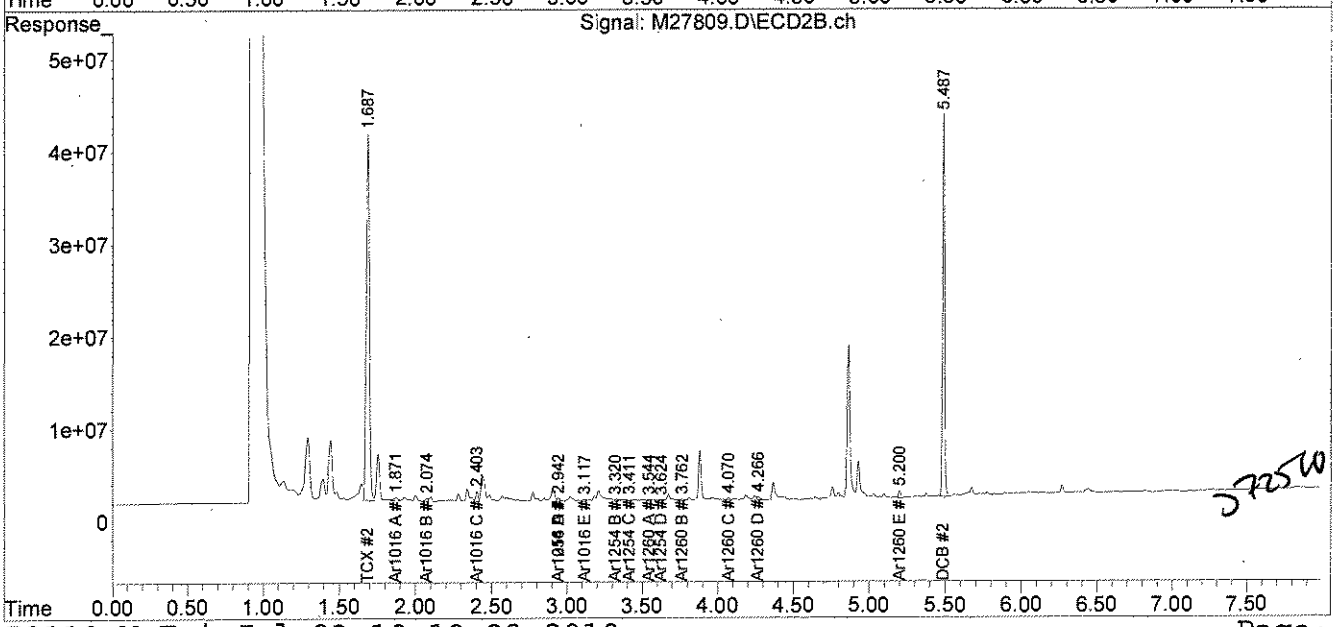
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\072110-M\
Data File : M27809.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Jul 2010 12:16 am
Operator : JK
Sample : 67273-7,,A/C
Misc : SOIL
ALS Vial : 67 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 23 09:49:03 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:29 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





analytics environmental laboratory LLC

PCB
QC FORMS

AnalyticsLLC:AEL Documents LLC:Pkg Dividers:PCBQC.doc

PCB SOIL
SYSTEM MONITORING COMPOUNDS
SUMMARY

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67273

	Column #1				Column #2			
SAMPLE ID	SMC 1 (%)	#	SMC 2 (%)	#	SMC 1 (%)	#	SMC 2 (%)	#
B072010PSOX,,A/C	90		82		82		74	
L072010PSOX,,A/C	91		82		84		76	
LD072010PSOX,,A/C	93		82		85		76	
L072010PSOXW,,A/C	93		86		85		73	
LD072010PSOXW,,A/C	92		85		83		74	

		Lower Limit	Upper Limit
SMC #1 =	TCX	40	130
SMC #2 =	DCB	40	130

Column to be used to flag recovery values outside of QC limits
* Values outside QC limits
D System Monitoring Compound diluted out

PCB SOIL
SYSTEM MONITORING COMPOUNDS
SUMMARY

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67273

	Column #I				Column #2			
SAMPLE ID	SMC I (%)	#	SMC 2 (%)	#	SMC 1 (%)	#	SMC 2 (%)	#
B072010PSOX,RR,,A/C	95		80		84		73	
67273-1,,A/C	99		83		87		74	
67273-2,,A/C	I01		86		90		75	
67273-3,,A/C	99		84		90		75	
67273-5,,A/C	93		81		86		72	
67273-6,,A/C	8I		69		72		40	
67273-6,MS,,A/C	89		82		78		62	
67273-6,MSD,,A/C	81		74		69		5I	
67273-7,,A/C	93		8I		89		75	

		Lower Limit	Upper Limit
SMC #I =	TCX	40	I30
SMC #2 =	DCB	40	I30

Column to be used to flag recovery values outside of QC limits
* Values outside QC limits
D System Monitoring Compound diluted out

PCB SOIL
SYSTEM MONITORING COMPOUNDS
SUMMARY

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67273

	Column #1				Column #2			
SAMPLE ID	SMC 1 (%)	#	SMC 2 (%)	#	SMC 1 (%)	#	SMC 2 (%)	#
B072010PW	91		78		84		70	
L072010PWB	88		68		84		64	
LD072010PWB	83		70		77		67	
67273-4	81		64		77		45	

		Lower Limit	Upper Limit
SMC #1 =	TCX	40	130
SMC #2 =	DCB	40	130

Column to be used to flag recovery values outside of QC limits
* Values outside QC limits
D System Monitoring Compound diluted out

PCB SOIL
LABORATORY CONTROL SAMPLE/DUPLICATE
PERCENT RECOVERY

Instrument ID: M

GC Column #1: STX-CLPesticides 1

Column ID: 0.25 mm

GC Column #2: STX-CLPesticides II

Column ID: 0.25 mm

SDG: 67273

Non-spiked sample: B072010PSOX,,A/C

Spike: L072010PSOX,,A/C

Spike duplicate: LD072010PSOX,,A/C

COMPOUND	LCS SPIKE ADDED (ug/kg)	LCSD SPIKE ADDED (ug/kg)	LOWER LIMIT	UPPER LIMIT	RPD LIMIT	NON-SPIKE RESULT (ug/kg)	SPIKE RESULT (ug/kg)	SPIKE % REC	#	SPIKE DUP RESULT (ug/kg)	SPIKE DUP % REC	#	RPD	#
PCB 1016	200	200	65	140	30	0	190	95		241	121		23.9	
PCB 1260	200	200	60	130	30	0	214	107		217	108		1.2	
PCB 1016 #2	200	200	65	140	30	0	260	130		254	127		2.1	
PCB 1260 #2	200	200	60	130	30	0	189	94		189	95		0.4	

Column to be used to flag recovery and RPD values outside of QC limits

* Values outside QC limits

LCS/LCSD spike added values have been weight adjusted.

Non-spike result of "0" used in place of "U" to allow calculation of spike recovery.

Comments: _____

PCB FORM 3

PCB SOIL
LABORATORY CONTROL SAMPLE/DUPLICATE
PERCENT RECOVERY

Instrument ID: M

GC Column #1: STX-CLPesticides I

Column ID: 0.25 mm

GC Column #2: STX-CLPesticides II

Column ID: 0.25 mm

SDG: 67273

Non-spiked sample: B072010PSOX,,A/C

Spike: L072010PSOXW,,A/C

Spike duplicate: LD071510PSOXW,,A/C

COMPOUND	LCS SPIKE ADDED (ug/wipe)	LCSD SPIKE ADDED (ug/wipe)	LOWER LIMIT	UPPER LIMIT	RPD LIMIT	NON-SPIKE RESULT (ug/wipe)	SPIKE RESULT (ug/wipe)	SPIKE % REC	#	SPIKE DUP RESULT (ug/wipe)	SPIKE DUP % REC	#	RPD	#
PCB 1016	4.00	4.00	65	140	30	0	5.37	134		4.04	101		28.2	
PCB 1260	4.00	4.00	60	130	30	0	4.47	112		4.49	112		0.5	
PCB 1016 #2	4.00	4.00	65	140	30	0	5.19	130		5.07	127		2.4	
PCB 1260 #2	4.00	4.00	60	130	30	0	3.76	94		3.76	94		0.0	

Column to be used to flag recovery and RPD values outside of QC limits

* Values outside QC limits

LCS/LCSD spike added values have been weight adjusted.

Non-spike result of "0" used in place of "U" to allow calculation of spike recovery.

Comments: _____

PCB FORM 3

PCB SOIL
MATRIX SPIKE/DUPLICATE
PERCENT RECOVERY

Instrument ID: M

GC Column #1: STX-CLPesticides I

Column ID: 0.25 mm

GC Column #2: STX-CLPesticides II

Column ID: 0.25 mm

SDG:

Non-spiked sample: 67273-6,,A/C

Spike: 67273-6,MS,,A/C

Spike duplicate: 67273-6,MSD,,A/C

COMPOUND	LCS SPIKE ADDED (ug/kg)	LCSD SPIKE ADDED (ug/kg)	LOWER LIMIT	UPPER LIMIT	RPD LIMIT	NON-SPIKE RESULT (ug/kg)	SPIKE RESULT (ug/kg)	SPIKE % REC	#	SPIKE DUP RESULT (ug/kg)	SPIKE DUP % REC	#	RPD	#
PCB 1016	192	193	65	140	30	0	199	104		184	95		8.9	
PCB 1260	192	193	60	130	30	0	420	218	*	422	219	*	0.1	
PCB 1016 #2	192	193	65	140	30	0	166	86		149	77		10.8	
PCB 1260 #2	192	193	60	130	30	0	332	173	*	356	184	*	6.3	

Column to be used to flag recovery and RPD values outside of QC limits

* Values outside QC limits

LCS/LCSD spike added values have been weight adjusted.

Non-spike result of "0" used in place of "U" to allow calculation of spike recovery.

Comments: _____

_____

PCB AQUEOUS
LABORATORY CONTROL SAMPLE/DUPLICATE
PERCENT RECOVERY

Instrument ID: M

GC Column #1: STX-CLPesticides I

Column ID: 0.25 mm

GC Column #2: STX-CLPesticides II

Column ID: 0.25 mm

SDG:

Non-spiked sample: B072010PW

Spike: L072010PWB

Spike duplicate: LD072010PWB

COMPOUND	LCS SPIKE ADDED (ug/L)	LCSD SPIKE ADDED (ug/L)	LOWER LIMIT	UPPER LIMIT	RPD LIMIT	NON-SPIKE RESULT (ug/L)	SPIKE RESULT (ug/L)	SPIKE % REC	#	SPIKE DUP RESULT (ug/L)	SPIKE DUP % REC	#	RPD	#
PCB 1016	2.00	2.00	79	113	30	0	1.96	98		2.17	108		9.9	
PCB 1260	2.00	2.00	58	115	30	0	1.88	94		1.82	91		3.4	
PCB 1016 #2	2.00	2.00	81	112	30	0	1.90	95		1.74	87		8.6	
PCB 1260 #2	2.00	2.00	54	123	30	0	1.73	87		1.70	85		2.1	

Column to be used to flag recovery and RPD values outside of QC limits

* Values outside QC limits

LCS/LCSD spike added values have been weight adjusted.

Non-spike result of "0" used in place of "U" to allow calculation of spike recovery.

Comments: _____

_____

analytics environmental laboratory LLC

CHAIN OF CUSTODIES

AnalyticsLLC:AEL Documents LLC:Pkg Dividers:COC.doc

Chain Of Custody Form

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, NH 03801
Phone (603) 436-5111
Fax (603) 430-2151

For Analytics Use Only Rev. 5 06/18/08

Samples were:
1) Shipped or hand-delivered
2) Temp blank °C 5.6°
3) Received in good condition Y or N
4) pH checked by: KAM ~~AA~~ KAM 7/20/10
5) Labels checked by: CP 7/20/10

Project#: 223019 Proj. Name: AMISTAD ACADEMY
Company: Woodard &Curran
Contact: GEORGE FRANKLIN / JEFF HAMEL
Address: 41 Hutchins Drive
Portland, ME
Phone: (207)774-2112 PO# Quote # WCI03051001
Sampler (Signature): JESSE ADRY

Matrix Key:
C = Concrete
WP = Wipe
WW = Wastewater
SW = Surface Water
GW = Groundwater
DW = Drinking Water
S = Soil/Sludge
O = Oil
E = Extract

Preservation: D = DIH2O

Container Key: P=plastic G=glass

Station Identification	Sample Date	Sample Time	Analysis	Unpres	4° C	HNO_3	H_2SO_4	HCL	Methanol	Other HEXANE	Matrix	Container number/type		pH	Analytics Sample #
AA-VCC-157	7/16/10	1130	PCB's by		✓						C	1	G		67273-1
AA-VWP-158	7/19/10	1220	8082 U.S.							✓	W	1	G		-2
AA-VWP-559		1225	E.P.A. w/							✓	W	1	G		-3
AA-VWP-Q-160		1230	Soxhlet		✓						D	1	G	5.5	-4
AA-VWP-161		1315	Extraction							✓	W	1	G		-5
AA-VCC-162		1320			✓						C	1	G		-6
AA-VWP-163		1330									W	1	G		-7

CP 7/20/10

Email Results to:
sfranklin...
jhamel...

Turnaround Time (TAT)
☐ 24hr* ☐ 48hr*
☐ 72hr* ☑ 5 Days* STD 3-5 DAY TURN AROUND.
☐ 10 Days
*Fee may apply; lab approval required

Comments / Instructions:
R.L. ≤ 1.0 mg/kg.
* Amber liter sample was negative for Cl when tested with KI paper. KAM 7/20/10

Project Requirements:
*Fee may apply

Report Type:
☐ MCP* ☑ Level II*
☐ CTRCP* ☐ Level III*
☐ DOD* ☐ Level IV*
☐ Standard

State:
☐ NH
☐ MA
☐ ME
☑ CT
☐ RI
Other:

State Standard:
(eg. S-1 or GW-1)
EDD Required: Y* N
Type: .xls

Received By: FedEx Time: Date: 7/19/10
Received By: Bullingham Hanna Time: 000 Date: 7/20/10
Received By: Time: Date:
Relinquished By Sampler: JESSE ADRY
Relinquished By: FedEx
Relinquished By: KAM 7/20/10

Analytics\AEL Documents\AEL COC

Page 1 of 1

ANALYTICS SAMPLE RECEIPT CHECKLIST

analytics environmental laboratory LLC

AEL LAB#: 67273
CLIENT: Woodard
PROJECT: Amistad

COOLER NUMBER: NA
NUMBER OF COOLERS: 1
DATE RECEIVED: 7-20-10

A: PRELIMINARY EXAMINATION:

DATE COOLER OPENED: 7-20-10

1. Cooler received by(initials): KtM

Date Received: 7-20-10

2. Circle one: Hand delivered (If so, skip 3) Shipped

3. Did cooler come with a shipping slip? Y N

3a. Enter carrier name and airbill number here: FedEx 7937 3902 2375

4. Were custody seals on the outside of cooler? Y NA
How many & where: NA Seal Date: NA Seal Name: NA

5. Did the custody seals arrive unbroken and intact upon arrival? Y NA

6. COC#: NA

7. Were Custody papers filled out properly (ink,signed, etc)? Y N *No time filled in for when sampl were relinquished to fed Ex

8. Were custody papers sealed in a plastic bag? Y N

9. Did you sign the COC in the appropriate place? Y N

10. Was the project identifiable from the COC papers? Y N

11. Was enough ice used to chill the cooler? Y N Temp. of cooler: 5.6°C

B. Log-In: Date samples were logged in: 7-20-10 By: KtM

12. Type of packing in cooler(bubble wrap, popcorn) Y N

13. Were all bottles sealed in separate plastic bags? Y N

14. Did all bottles arrive unbroken and were labels in good condition? Y N

15. Were all bottle labels complete(ID,Date,time,etc.) Y N

16. Did all bottle labels agree with custody papers? Y N

17. Were the correct containers used for the tests indicated: Y N

18. Were samples received at the correct pH? Y N

19. Was sufficient amount of sample sent for the tests indicated? Y N

20. Were bubbles absent in VOA samples? Y NA

If NO, List Sample ID's and Lab #s: _____

21. Laboratory labeling verified by (initials): CP Date: 7/20/10

C:ANLYTICS LLC\AEL DOCUMENTS\FORMS\SMPL CHKLST\Edit 4908 Rev. 2, 4/13/10

From: Origin ID: BNHA (203) 271-0379
Jesse Ream
WOODARD & CURRAN INC
1520 HIGHLAND AVENUE

CHESHIRE, CT 06410

FedEx Express

J18201806258225

Ship Date: 19JUL10
ActWgt: 25.0 LB
CAD: 2185050/INET3060

Delivery Address Bar Code

Ref # 223019.00
Invoice #
PO #
Dept #

SHIP TO: (603) 436-5111 BILL SENDER

Analytics Enviro Labs, LLC
Analytics Enviro Labs, LLC
195 COMMERCE WAY UNIT E

PORTSMOUTH, NH 03801

TRK# 0201 7937 3902 2375

TUE - 20 JUL A2
PRIORITY OVERNIGHT

03801
NH-US
MHT

03 IGGA

After printing this label:
1. Use the 'Print' button on this page to print your label to your laser or inkjet printer.
2. Fold the printed page along the horizontal line.
3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

Warning: Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com.FedEx will not be responsible for any claim in excess of $100 per package, whether the result of loss, damage, delay, non-delivery,misdelivery,or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim.Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic valueof the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental,consequential, or special is limited to the greater of $100 or the authorized declared value. Recovery cannot exceed actual documented loss.Maximum for items of extraordinary value is $500, e.g. jewelry, precious metals, negotiable instruments and other items listed in our ServiceGuide. Written claims must be filed within strict time limits, see current FedEx Service Guide.

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

August 26, 2010

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

RE: Analytical Results Case Narrative
Analytics # 67289 Revision 1
AMISTAD ACADEMY

Dear Mr. Franklin;

Enclosed please find the analytical results for samples submitted for the above-mentioned project. The attached Cover Page lists the sample IDs, Lab tracking numbers and collection dates for the samples included in this deliverable.

Samples were analyzed Polychlorinated Biphenyls (PCBs) by EPA Method 8082.

Revision 1: This report has been revised to include the form 2 for sample 67289-1 which was mistakenly omitted in the original report. Please replace and insert the pages of the original report with the pages provided here.

Unless otherwise noted in the Non-conformance Summary listed below, all of the quality control (QC) criteria including initial calibration, calibration verification, surrogate recovery, holding time and method accuracy/precision for these analyses were within acceptable limits.

This Level II data package has been assembled in the following order:

Case Narrative/Non-Conformance Summary
Sample Log Sheet - Cover Page
PCB Form 1 Data Sheet for Samples and Blanks
Chromatograms
PCB Form 10 Confirmation Results
PCB Form 3 MS/MSD (LCS) Recoveries
Chain of Custody (COC) Forms

QC NON-CONFORMANCE SUMMARY

Sample Receipt:
No exceptions.

PCBs by EPA Method 8082:
No results were reported below the quantitation limit.

Samples 67289-1, 67289-2, 67289-4 and 67289-6 required dilution due to PCB concentrations that exceeded the calibration range of the instrument.

If you have any questions on these results, please do not hesitate to contact me.

Sincerely,
ANALYTICS Environmental Laboratory, LLC

Stephen L. Knollmeyer
Laboratory Director

PCB SOIL
SYSTEM MONITORING COMPOUNDS
SUMMARY

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67289

	Column #1				Column #2			
SAMPLE ID	SMC 1 (%)	#	SMC 2 (%)	#	SMC 1 (%)	#	SMC 2 (%)	#
B072210PSOX,,A/C	99		79		91		75	
67289-10,,A/C	92		59		69		64	

		Lower Limit	Upper Limit
SMC #1 =	TCX	40	130
SMC #2 =	DCB	40	130

Column to be used to flag recovery values outside of QC limits
* Values outside QC limits
D System Monitoring Compound diluted out

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

July 28, 2010

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

RE: Analytical Results Case Narrative
Analytics # 67300
AMISTAD ACADEMY

Dear Mr. Franklin;

Enclosed please find the analytical results for samples submitted for the above-mentioned project. The attached Cover Page lists the sample IDs, Lab tracking numbers and collection dates for the samples included in this deliverable.

Samples were analyzed Polychlorinated Biphenyls (PCBs) by EPA Method 8082.

Unless otherwise noted in the Non-conformance Summary listed below, all of the quality control (QC) criteria including initial calibration, calibration verification, surrogate recovery, holding time and method accuracy/precision for these analyses were within acceptable limits.

This Level II data package has been assembled in the following order:

Case Narrative/Non-Conformance Summary
Sample Log Sheet - Cover Page
PCB Form 1 Data Sheet for Samples and Blanks
Chromatograms
PCB Form 10 Confirmation Results
PCB Form 3 MS/MSD (LCS) Recoveries
Chain of Custody (COC) Forms

QC NON-CONFORMANCE SUMMARY

Sample Receipt:
No exceptions.

PCBs by EPA Method 8082:
No results were reported below the quantitation limit.

Samples 67300-9 and 67300-11 had low surrogate recoveries on column#2. Column#1 was in control for surrogate results. Surrogate results were reported off of column#1 without qualification.

If you have any questions on these results, please do not hesitate to contact me.

Sincerely,
ANALYTICS Environmental Laboratory, LLC

Stephen L. Knollmeyer
Laboratory Director

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

Report Number: 67300

Revision: Rev. 0

Re: Amistad Academy (Project No: 223019)

Enclosed are the results of the analyses on your sample(s). Samples were received on 22 July 2010 and analyzed for the tests listed. Samples were received in acceptable condition, with the exceptions noted below or on the chain of custody. These results pertain to samples as received by the laboratory and for the analytical tests requested on the chain of custody. The results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report. Please see individual reports for specific methodologies and references.

Sample Analysis: The attached pages detail the Client Sample IDs, Lab Sample IDs, and Analyses requested

Sample Receipt Exceptions: None

Analytics Environmental Laboratory is certified by the states of New Hampshire, Maine, Massachusetts, Connecticut, Rhode Island, Virginia, Maryland, and is accredited by the Deparment of Defense (DOD) ELAP program. A list of actual certified parameters is available upon request.

If you have any questions on these results, please do not hesitate to contact us.

Authorized signature _____
Stephen L. Knollmeyer Lab. Director

Date 07/28/2010

This report shall not be reproduced, except in full, without the written consent of Analytics Environmental Laboratory, LLC.

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

CLIENT: Woodard & Curran **REPORT NUMBER: 67300** **REV: Rev. 0**

PROJECT: Amistad Academy (Project No: 223019)

Lab Number	Sample Date	Station Location	Analysis	Comments
67300-1	07/21/10	AA-VSS-169	EPA 8082 (PCBs only)	
67300-2	07/21/10	AA-VSS-170	EPA 8082 (PCBs only)	
67300-3	07/21/10	AA-VSS-171	EPA 8082 (PCBs only)	
67300-4	07/21/10	AA-VSS-172	EPA 8082 (PCBs only)	
67300-5	07/21/10	AA-VSS-173	EPA 8082 (PCBs only)	
67300-6	07/21/10	AA-VSS-174	EPA 8082 (PCBs only)	
67300-7	07/21/10	AA-VSS-175	EPA 8082 (PCBs only)	
67300-8	07/21/10	AA-VSS-176	EPA 8082 (PCBs only)	
67300-9	07/21/10	AA-VCC-177	EPA 8082 (PCBs only)	
67300-10	07/21/10	AA-VSS-178	EPA 8082 (PCBs only)	
67300-11	07/21/10	AA-VCC-179	EPA 8082 (PCBs only)	
67300-12	07/21/10	AA-VSS-180	Electronic Data Deliverable	
	07/21/10	AA-VSS-180	EPA 8082 (PCBs only)	

Surrogate Compound Limits

Matrix:	Aqueous	Solid	
Units:	% Recovery	% Recovery	Method
Volatile Organic Compounds - Drinking Water			
1,4-Difluorobenzene	70-130		EPA 524.2
Bromofluorobenzene	70-130		
1,2-Dichlorobenzene-d4	70-130		
Volatile Organic Compounds			
1,2-Dichloroethane-d4	70-120	70-120	EPA 624/8260B
Toluene-d8	85-120	85-120	
Bromofluorobenzene	75-120	75-120	
Semi-Volatile Organic Compounds			
2-Fluorophenol	20-110	35-105	EPA 625/8270C
d5-Phenol	15-110	40-100	
d5-nitrobenzene	40-110	35-100	
2-Fluorobiphenyl	50-110	45-105	
2,4,6-Tribromophenol	40-110	40-125	
d14-p-terphenyl	50-130	30-125	
PAH's by SIM			
d5-nitrobenzene	21-110	35-110	EPA 8270C
2-Fluorobiphenyl	36-121	45-105	
d14-p-terphenyl	33-141	30-125	
Pesticides and PCBs			
2,4,5,6-Tetrachloro-m-xylene (TCX)	46-122	40-130	EPA 608/8082
Decachlorobiphenyl (DCB)	40-135	40-130	
Herbicides			
Dichloroacetic acid (DCAA)	30-150	30-150	
Gasoline Range Organics/TPH Gasoline			
Trifluorotoluene TFT (FID)	60-140	60-140	MEDEP 4217/EPA 8015
Bromofluorobenzene (BFB) (FID)	60-140	60-140	
Trifluorotoluene TFT (PID)	60-140	60-140	
Bromofluorobenzene (BFB) (PID)	60-140	60-140	
Diesel Range Organics/TPH Diesel			
m-terphenyl	60-140	60-140	MEDEP 4125/EPA 8015/CT ETPH
Volatile Petroleum Hydrocarbons			
2,5-Dibromotoluene (PID)	70-130	70-130	MADEP VPH May 2004 Rev1.1
2,5-Dibromotoluene (FID)	70-130	70-130	
Extracatable Petroleum Hydrocarbons			
1-chloro-octadecane (aliphatic)	40-140	40-140	MADEP EPH May 2004 Rev1.1
o-Terphenyl (aromatic)	40-140	40-140	
2-Fluorobiphenyl (Fractionation)	40-140	40-140	
2-Bromonaphthalene (fractionation)	40-140	40-140	

PCB
DATA SUMMARIES

AnalyticsLLC:AEL Documents LLC:Pkg Dividers:PCB.doc

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 28, 2010

SAMPLE DATA

Lab Sample ID: B072210PSOX
Matrix: Soil
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date:
Lab Receipt Date:
Extraction Date: 07/22/10
Analysis Date: 07/27/10

CLIENT SAMPLE ID

Project Name: Amistad Academy
Project Number: 223019
Field Sample ID: Lab QC

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	99	%
Decachlorobiphenyl	79	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

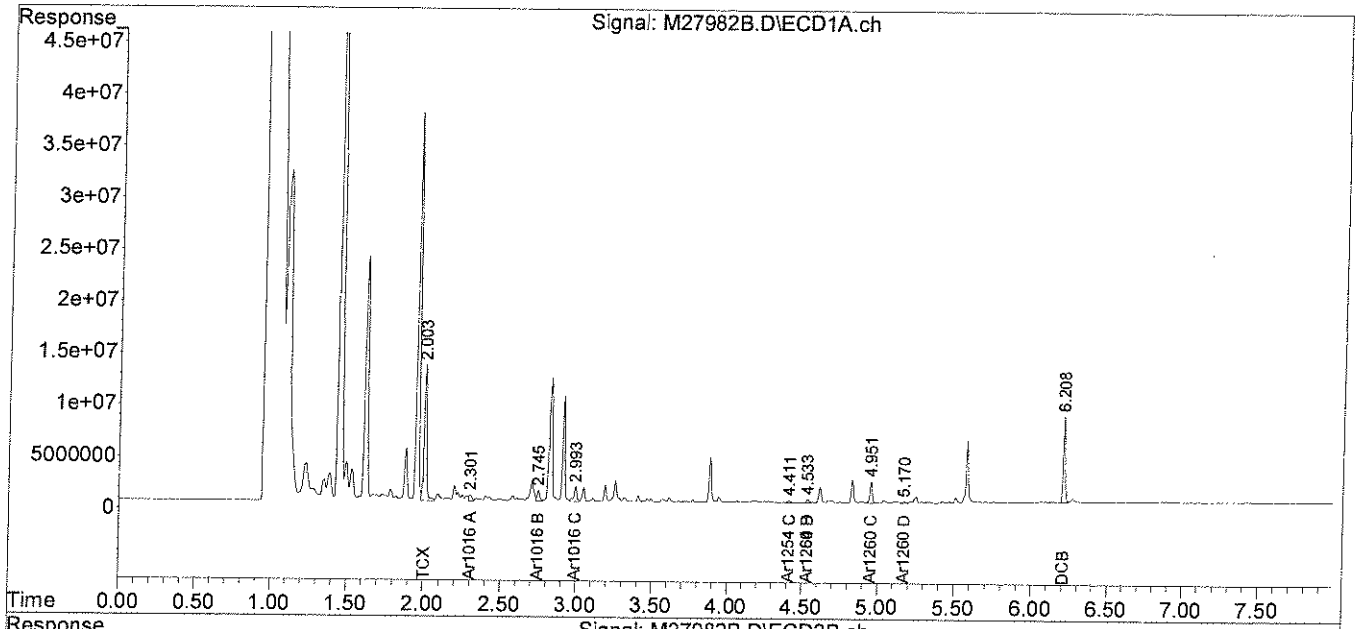
PCB Report

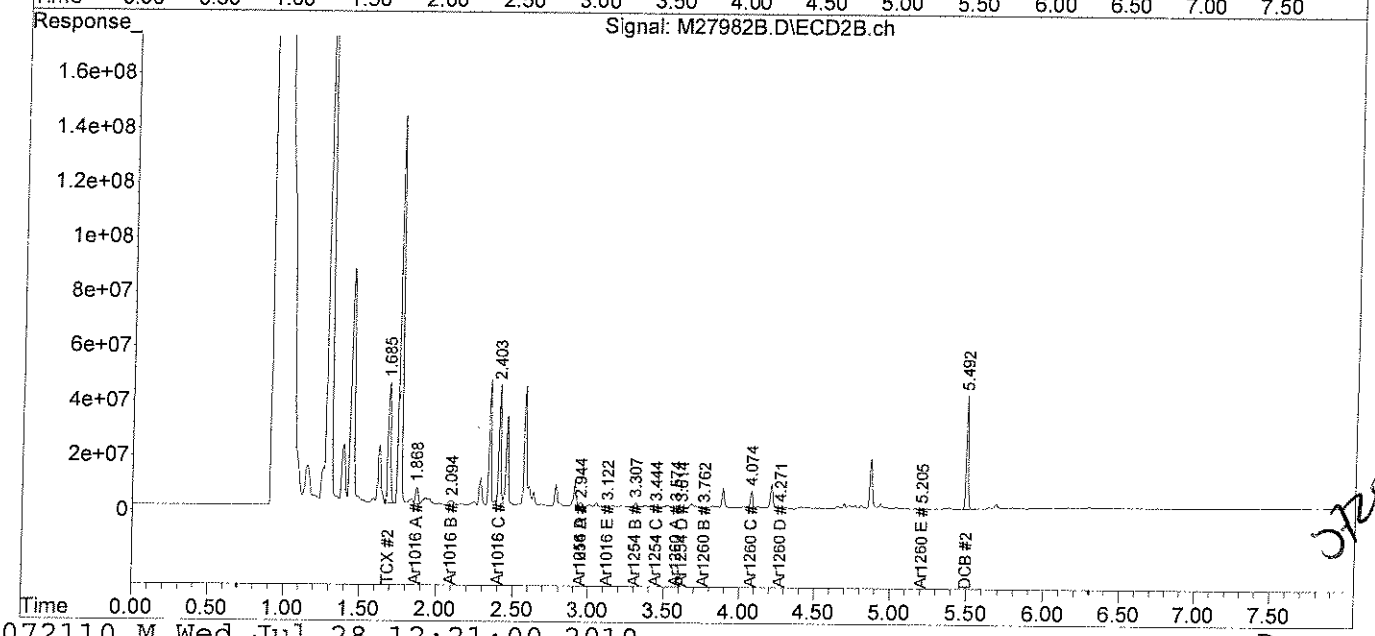
Authorized signature

Data Path : C:\msdchem\1\DATA\072710-M\
Data File : M27982B.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Jul 2010 11:57 am
Operator : JK
Sample : B072210PSOX,,A/C
Misc : SOIL
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 28 12:20:02 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 28, 2010

SAMPLE DATA

Lab Sample ID:	67300-1
Matrix:	Solid
Percent Solid:	93
Dilution Factor:	1.0
Collection Date:	07/21/10
Lab Receipt Date:	07/22/10
Extraction Date:	07/22/10
Analysis Date:	07/27/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-169

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	90	%
Decachlorobiphenyl	77	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB Report

Authorized signature

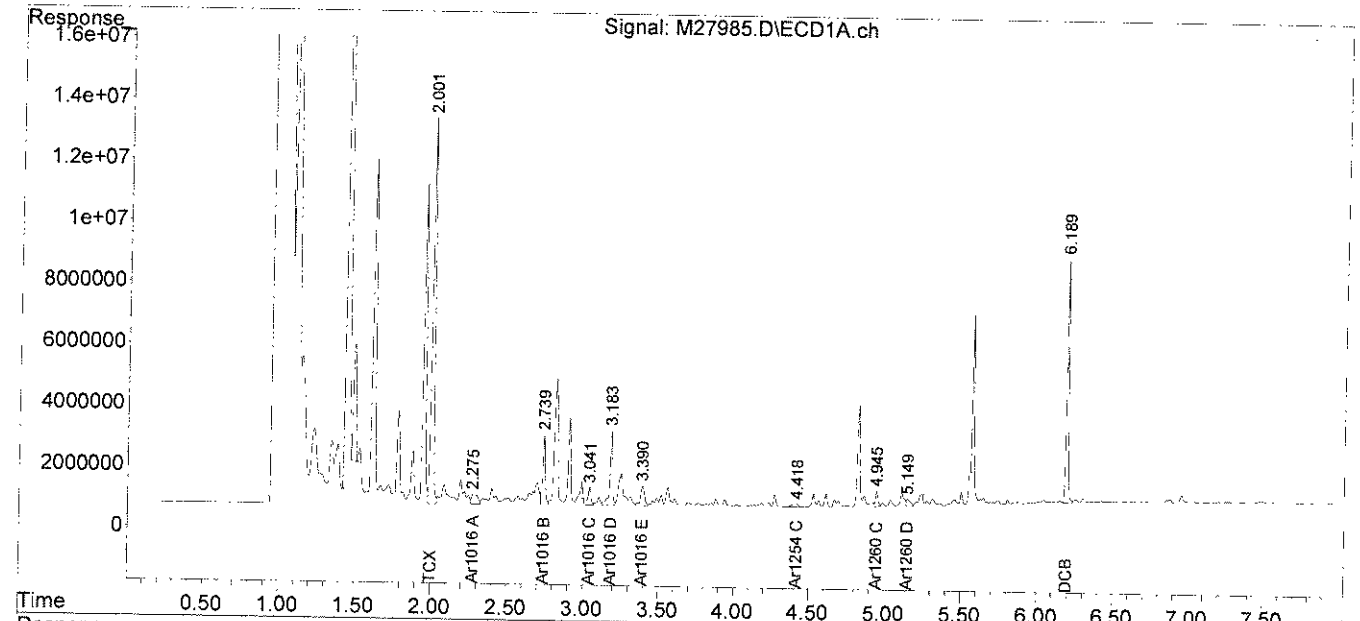
Quantitation Report (QT Reviewed)

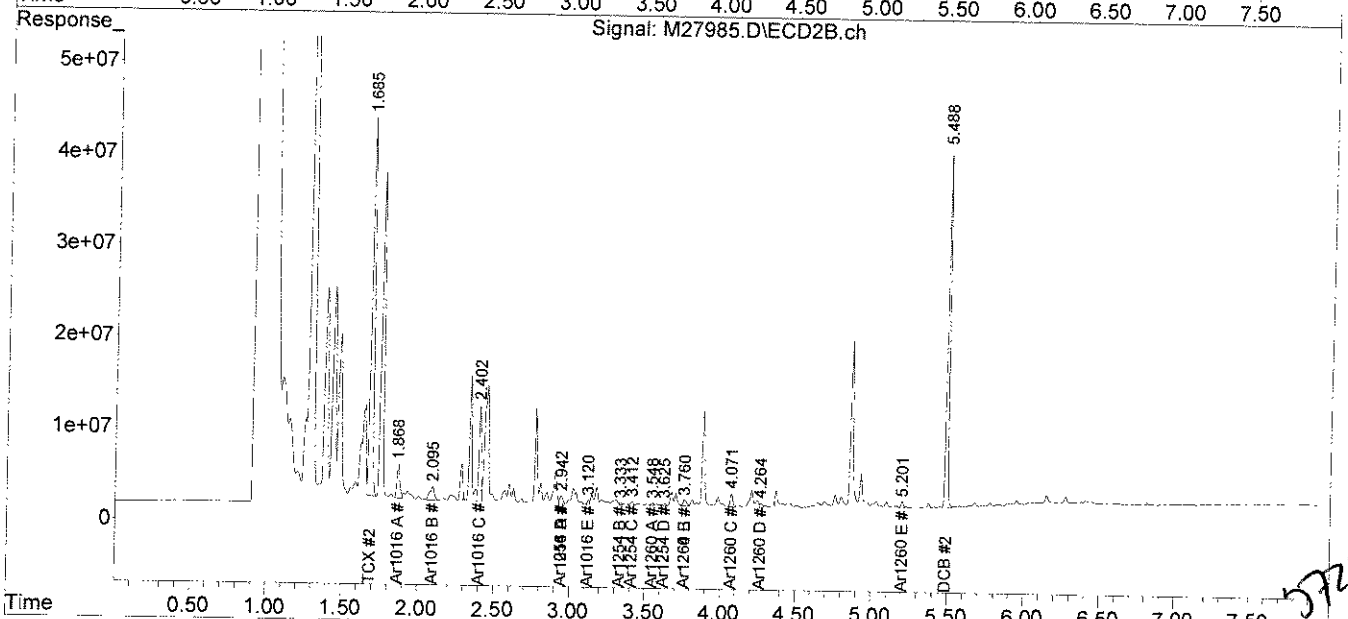
Data Path : C:\msdchem\1\DATA\072710-M\
Data File : M27985.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Jul 2010 12:27 pm
Operator : JK
Sample : 67300-1,,A/C
Misc : SOIL
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 28 12:20:08 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:29 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um

JR 07.29.10





072610

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 28, 2010

SAMPLE DATA

Lab Sample ID:	67300-2
Matrix:	Solid
Percent Solid:	93
Dilution Factor:	1.1
Collection Date:	07/21/10
Lab Receipt Date:	07/22/10
Extraction Date:	07/22/10
Analysis Date:	07/27/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-170

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	36	U
PCB-1221	36	U
PCB-1232	36	U
PCB-1242	36	U
PCB-1248	36	U
PCB-1254	36	U
PCB-1260	36	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	92	%
Decachlorobiphenyl	77	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB Report

Authorized signature

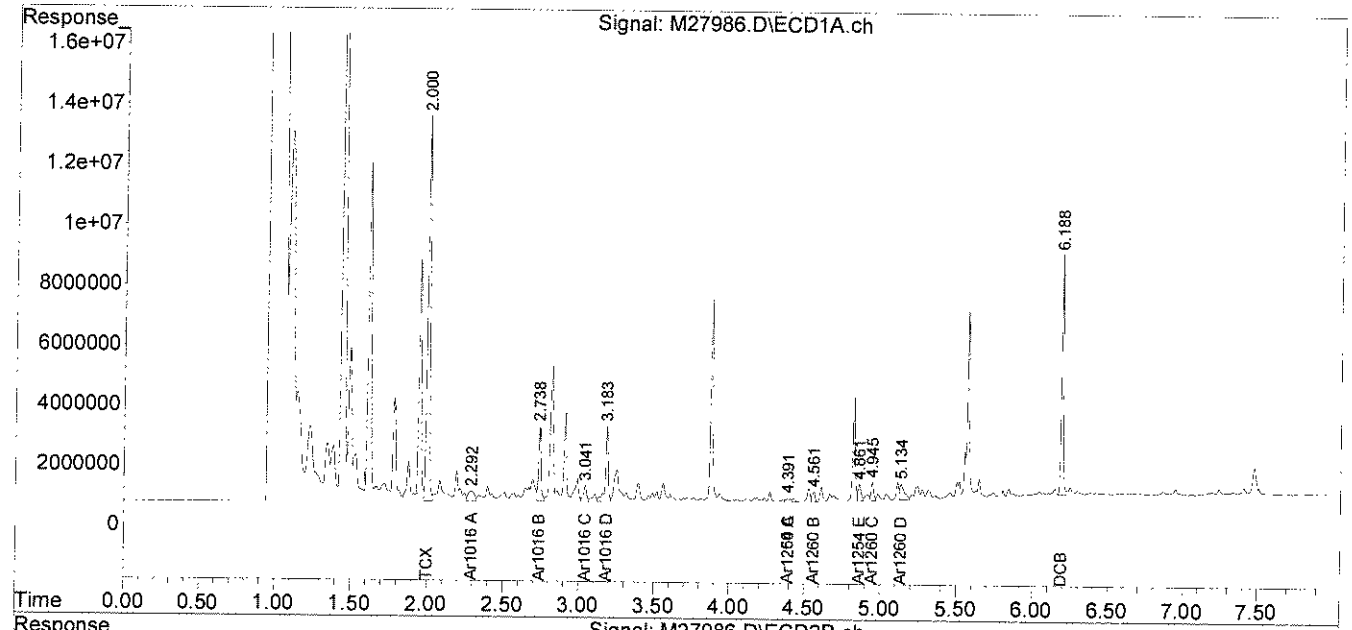
Quantitation Report (QT Reviewed)

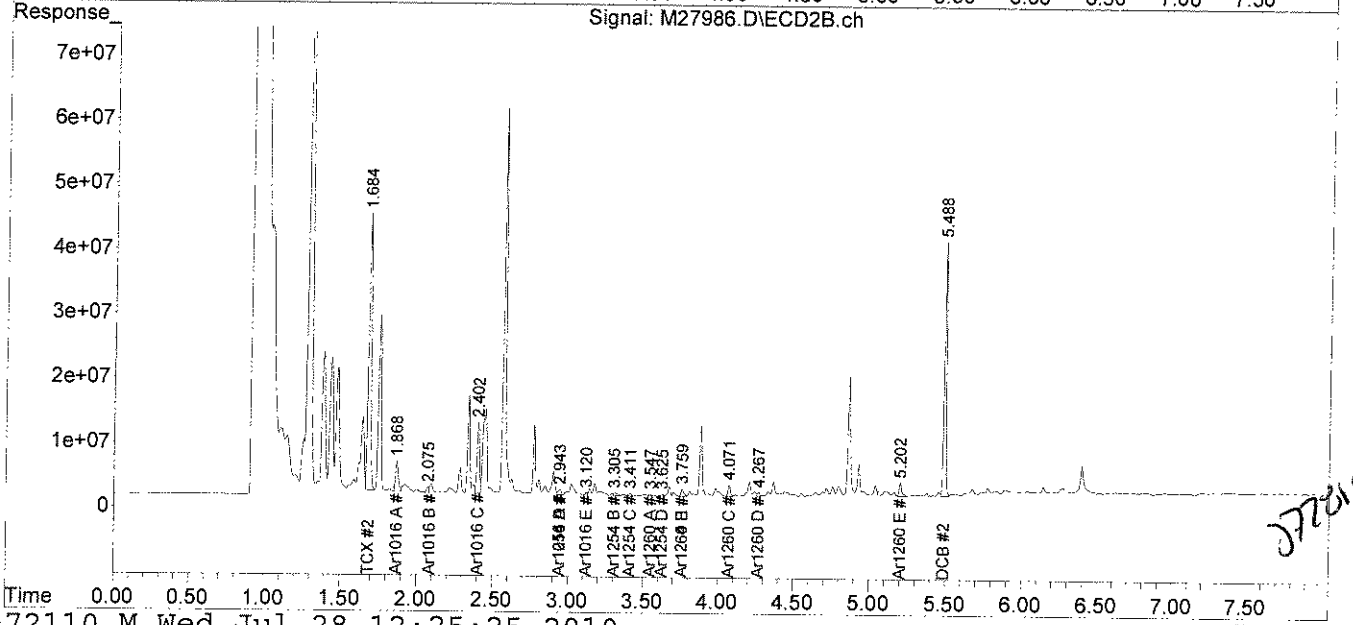
Data Path : C:\msdchem\1\DATA\072710-M\
Data File : M27986.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Jul 2010 12:38 pm
Operator : JK
Sample : 67300-2,,A/C
Misc : SOIL
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 28 12:20:10 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:29 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um

JL 07.28.10





JL 7.28.10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 28, 2010

SAMPLE DATA

Lab Sample ID:	67300-3
Matrix:	Solid
Percent Solid:	98
Dilution Factor:	1.0
Collection Date:	07/21/10
Lab Receipt Date:	07/22/10
Extraction Date:	07/22/10
Analysis Date:	07/27/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-171

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	87	%
Decachlorobiphenyl	75	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

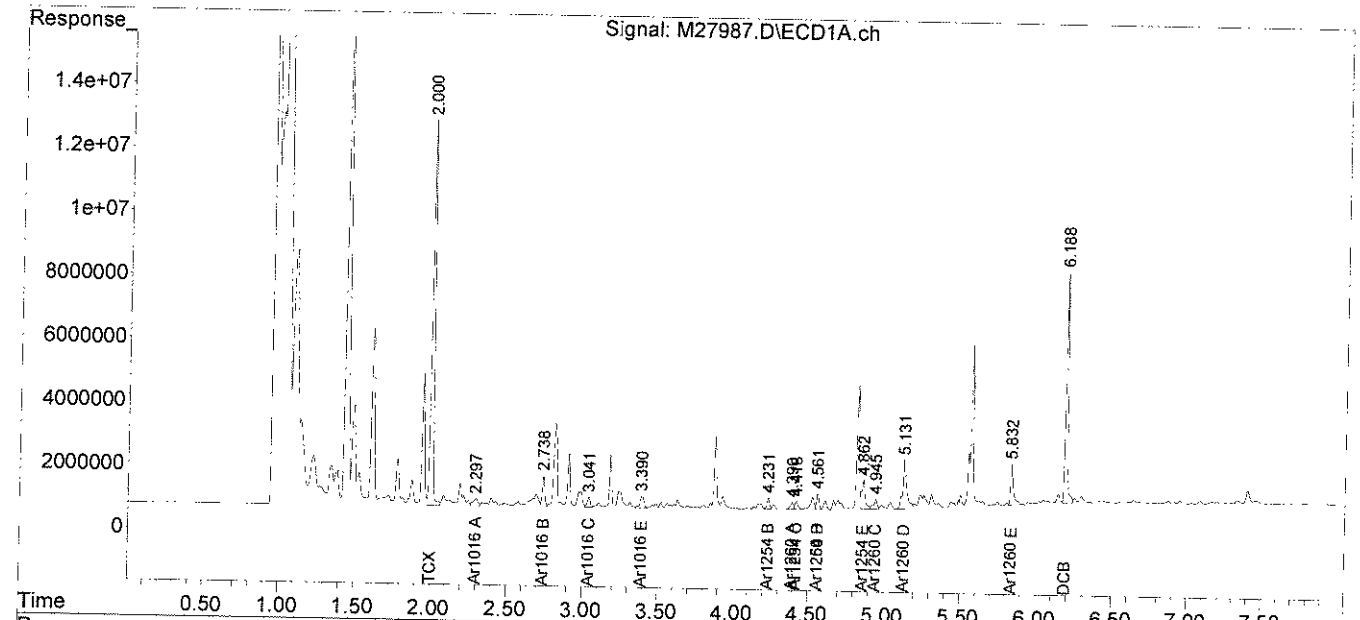
Quantitation Report (QT Reviewed)

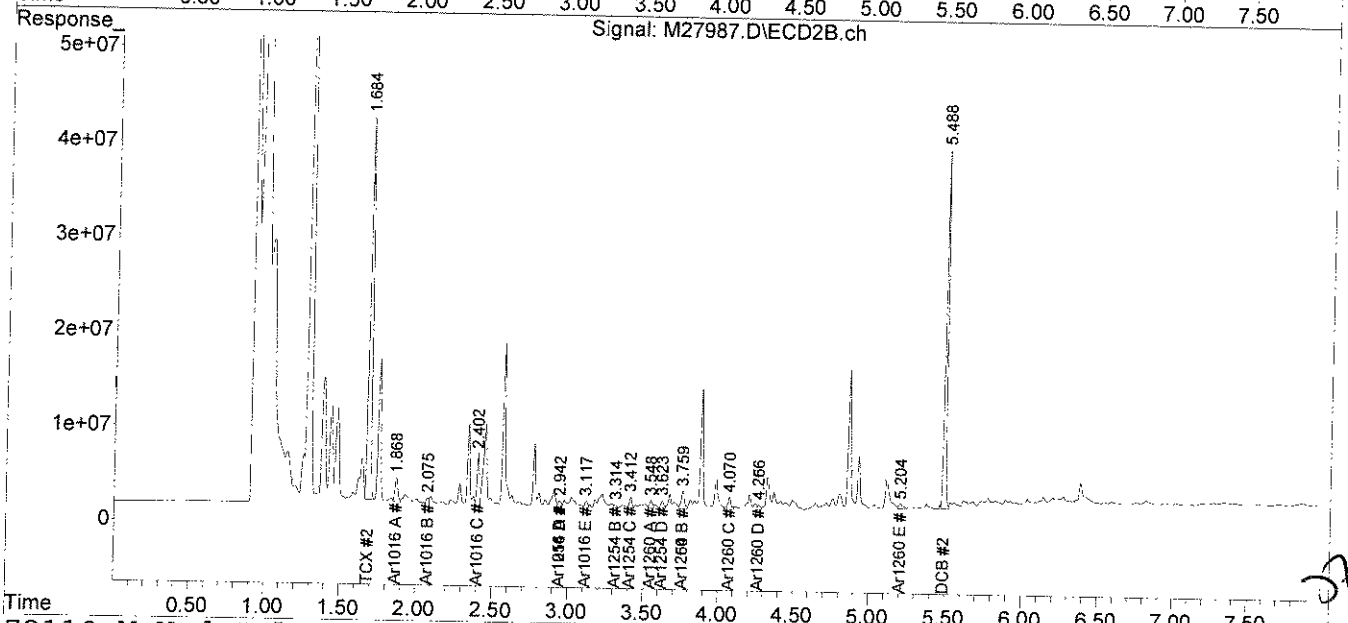
Data Path : C:\msdchem\1\DATA\072710-M\
Data File : M27987.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Jul 2010 12:48 pm
Operator : JK
Sample : 67300-3,,A/C
Misc : SOIL
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 28 12:20:12 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:29 2010
Response via : Initial Calibration
Integrator: ChemStation

JR 07.28.10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





072810

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 28, 2010

SAMPLE DATA

Lab Sample ID:	67300-4
Matrix:	Solid
Percent Solid:	96
Dilution Factor:	1.0
Collection Date:	07/21/10
Lab Receipt Date:	07/22/10
Extraction Date:	07/22/10
Analysis Date:	07/27/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-172

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	93	%
Decachlorobiphenyl	79	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB Report

Authorized signature

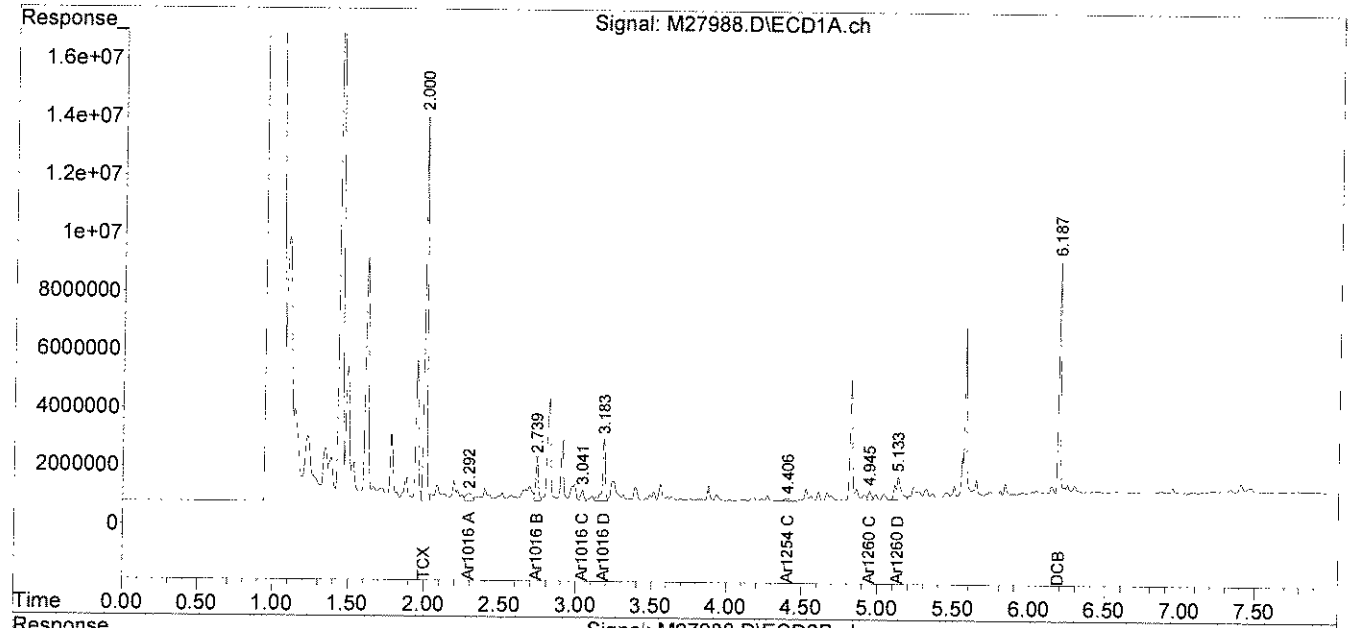
Quantitation Report (QT Reviewed)

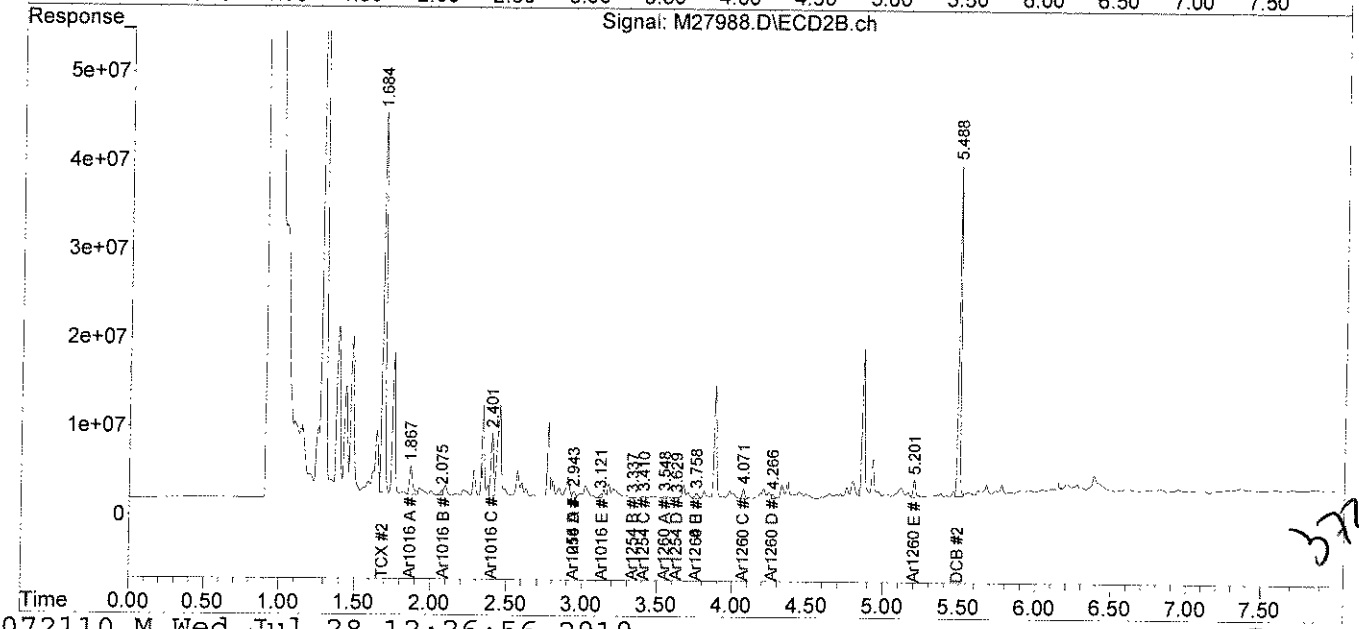
Data Path : C:\msdchem\1\DATA\072710-M\
Data File : M27988.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Jul 2010 12:58 pm
Operator : JK
Sample : 67300-4,,A/C
Misc : SOIL
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 28 12:20:14 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:29 2010
Response via : Initial Calibration
Integrator: ChemStation

R 07.28.10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





3.72.10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 28, 2010

SAMPLE DATA

Lab Sample ID:	67300-5
Matrix:	Solid
Percent Solid:	97
Dilution Factor:	1.0
Collection Date:	07/21/10
Lab Receipt Date:	07/22/10
Extraction Date:	07/22/10
Analysis Date:	07/27/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-173

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	90	%
Decachlorobiphenyl	76	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB Report

Authorized signature

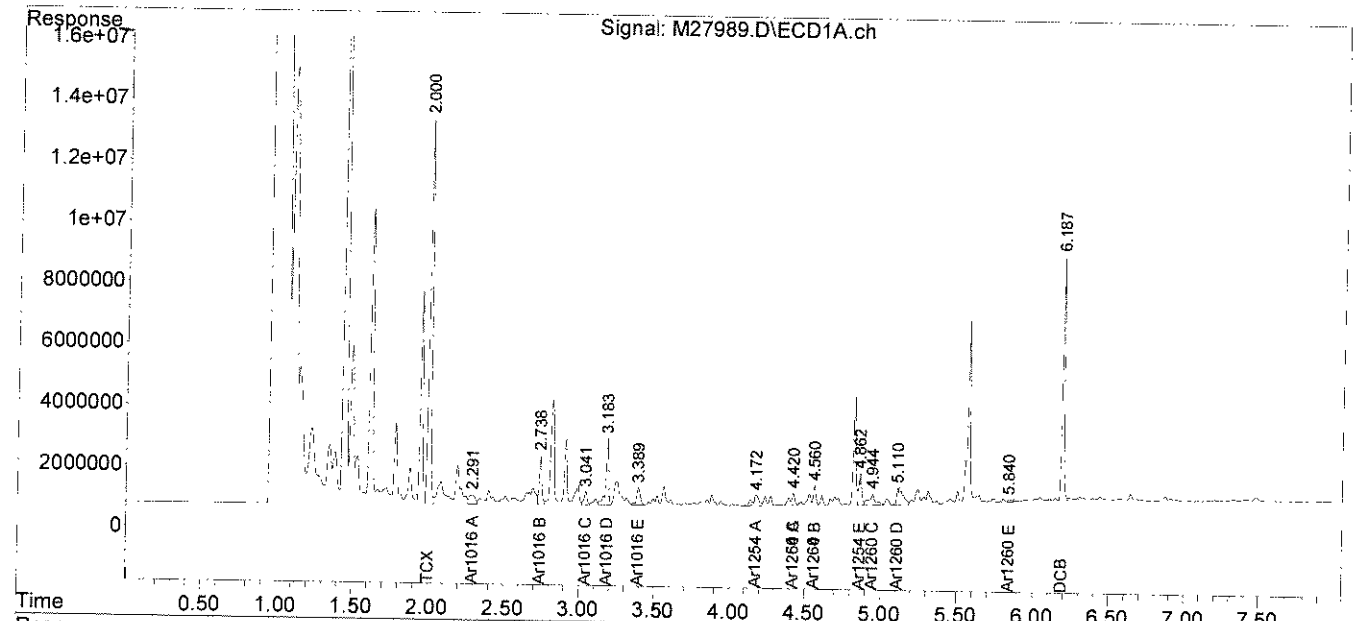
Quantitation Report (QT Reviewed)

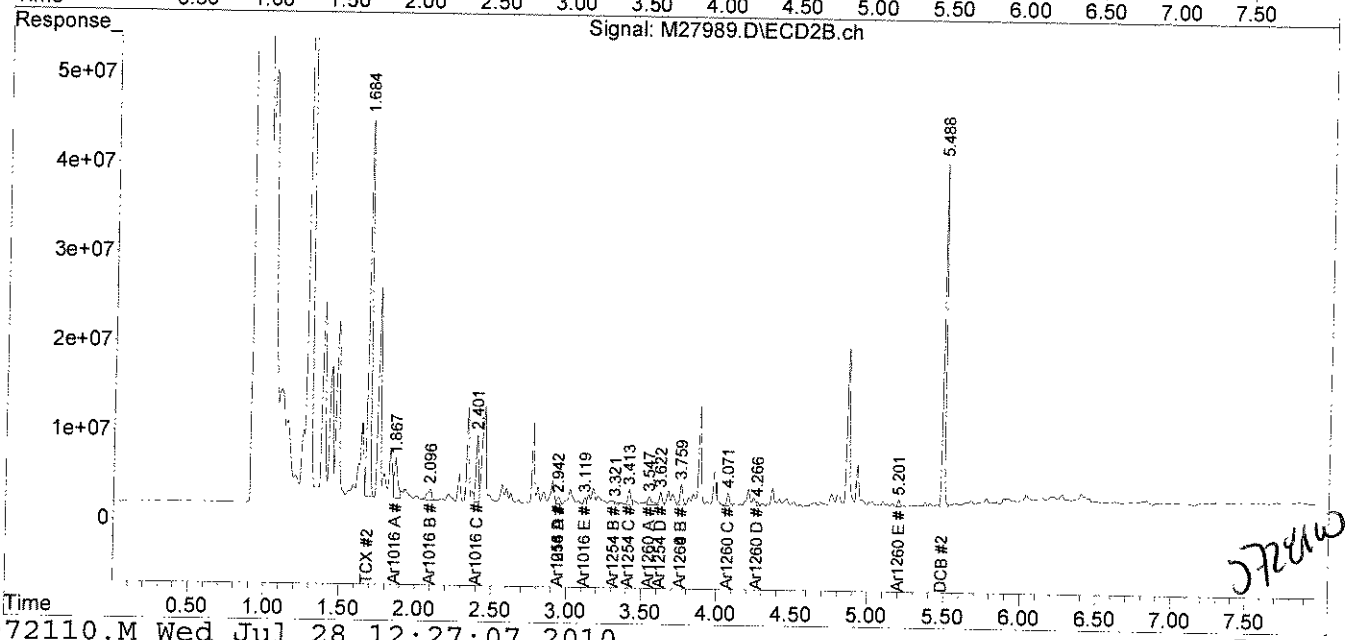
Data Path : C:\msdchem\1\DATA\072710-M\
Data File : M27989.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Jul 2010 1:09 pm
Operator : JK
Sample : 67300-5,,A/C
Misc : SOIL
ALS Vial : 13 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 28 12:20:16 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:29 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um

JL 07.28.10





072810

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 28, 2010

SAMPLE DATA

Lab Sample ID:	67300-6
Matrix:	Solid
Percent Solid:	96
Dilution Factor:	1.0
Collection Date:	07/21/10
Lab Receipt Date:	07/22/10
Extraction Date:	07/22/10
Analysis Date:	07/27/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-174

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	91	%
Decachlorobiphenyl	76	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

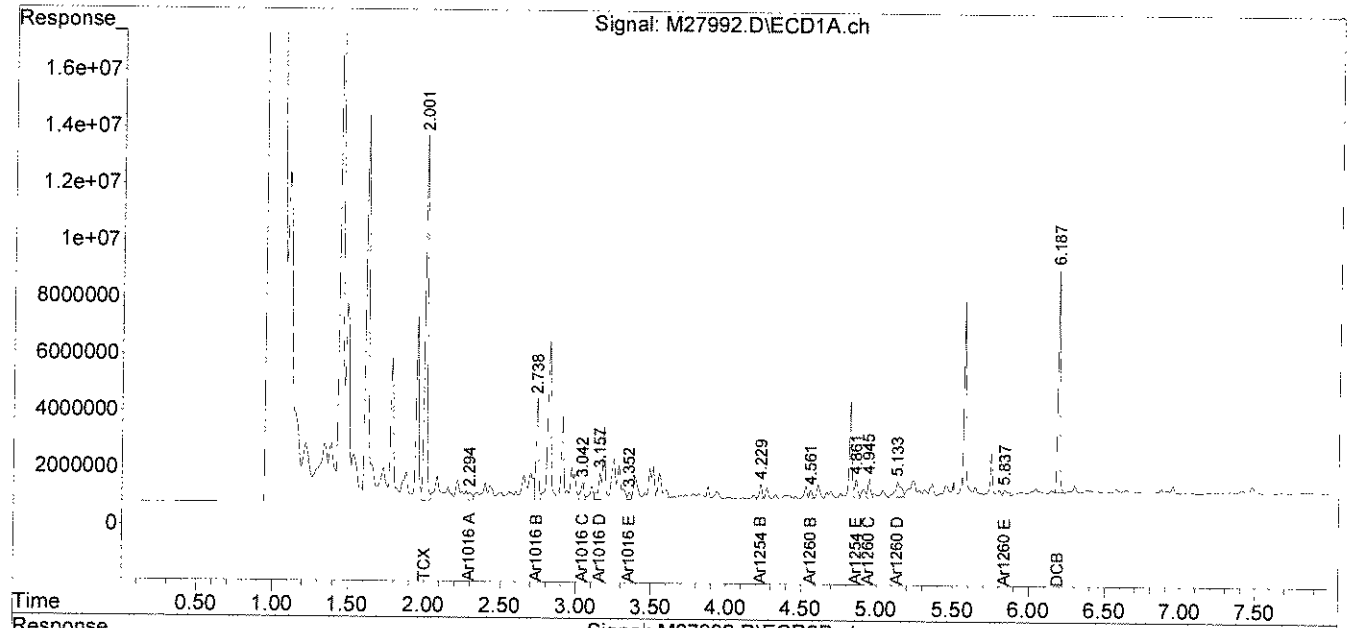
Quantitation Report (QT Reviewed)

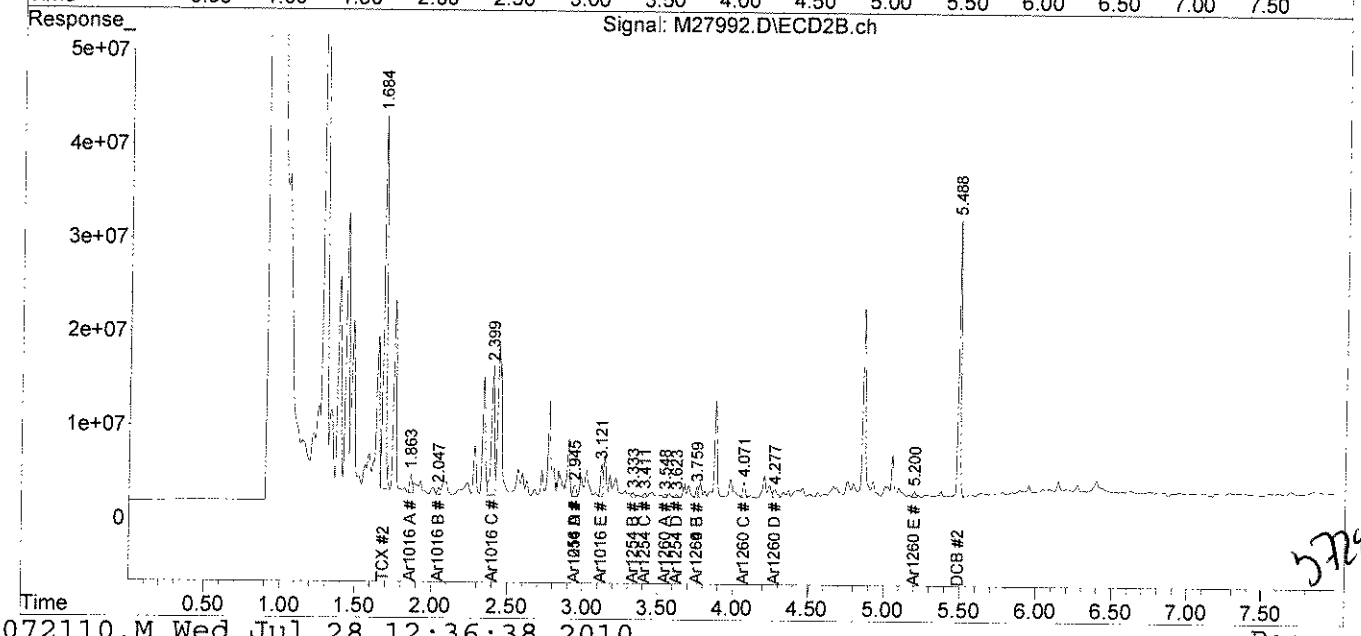
Data Path : C:\msdchem\1\DATA\072710-M\
Data File : M27992.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Jul 2010 1:39 pm
Operator : JK
Sample : 67300-6,,A/C
Misc : SOIL
ALS Vial : 16 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 28 12:20:22 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:29 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um

JK 07-28-10





3728/10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 28, 2010

SAMPLE DATA

Lab Sample ID:	67300-7
Matrix:	Solid
Percent Solid:	93
Dilution Factor:	1.0
Collection Date:	07/21/10
Lab Receipt Date:	07/22/10
Extraction Date:	07/22/10
Analysis Date:	07/27/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-175

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	88	%
Decachlorobiphenyl	75	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB Report

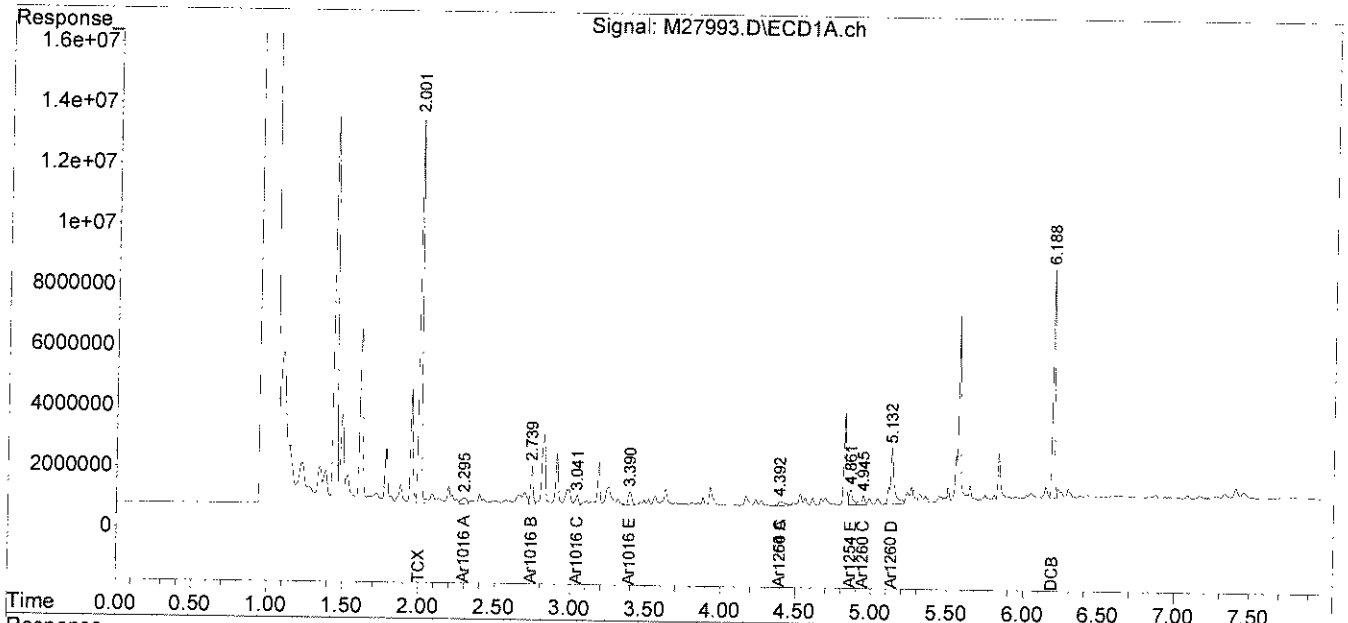
Authorized signature

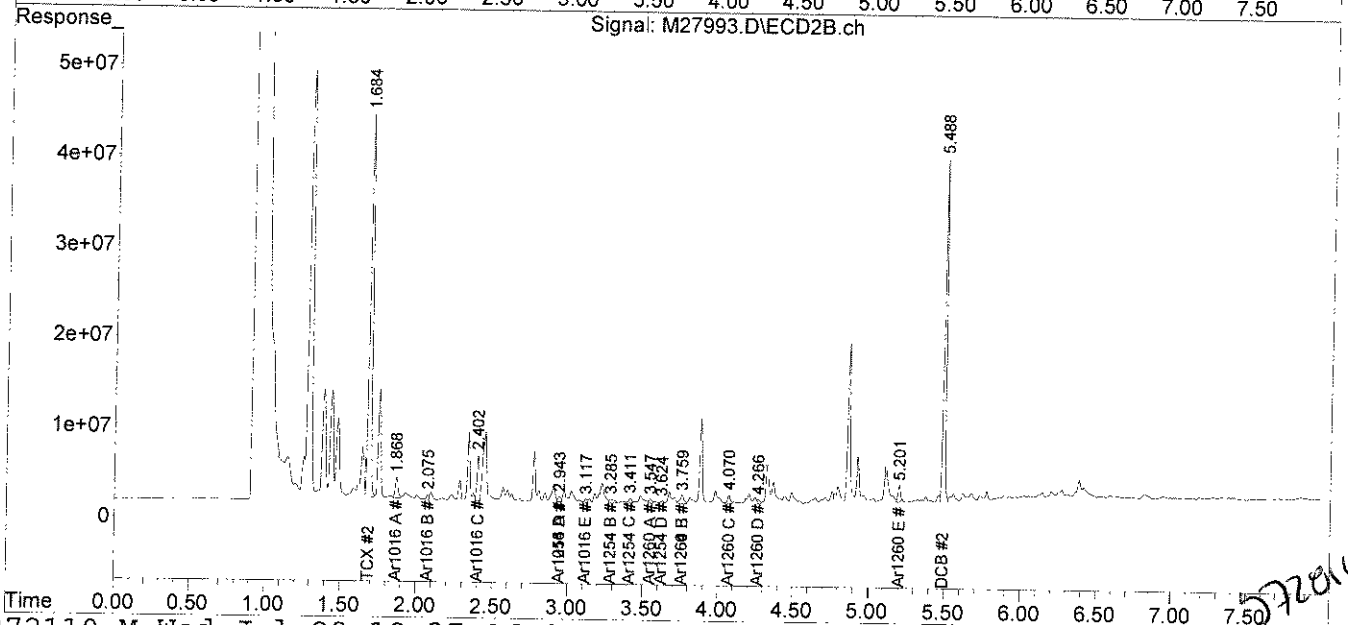
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\072710-M\
Data File : M27993.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Jul 2010 1:50 pm
Operator : JK
Sample : 67300-7,,A/C
Misc : SOIL
ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 28 12:20:24 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:29 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 28, 2010

SAMPLE DATA

Lab Sample ID:	67300-8
Matrix:	Solid
Percent Solid:	96
Dilution Factor:	1.0
Collection Date:	07/21/10
Lab Receipt Date:	07/22/10
Extraction Date:	07/22/10
Analysis Date:	07/27/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-176

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	88	%
Decachlorobiphenyl	76	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB Report

Authorized signature

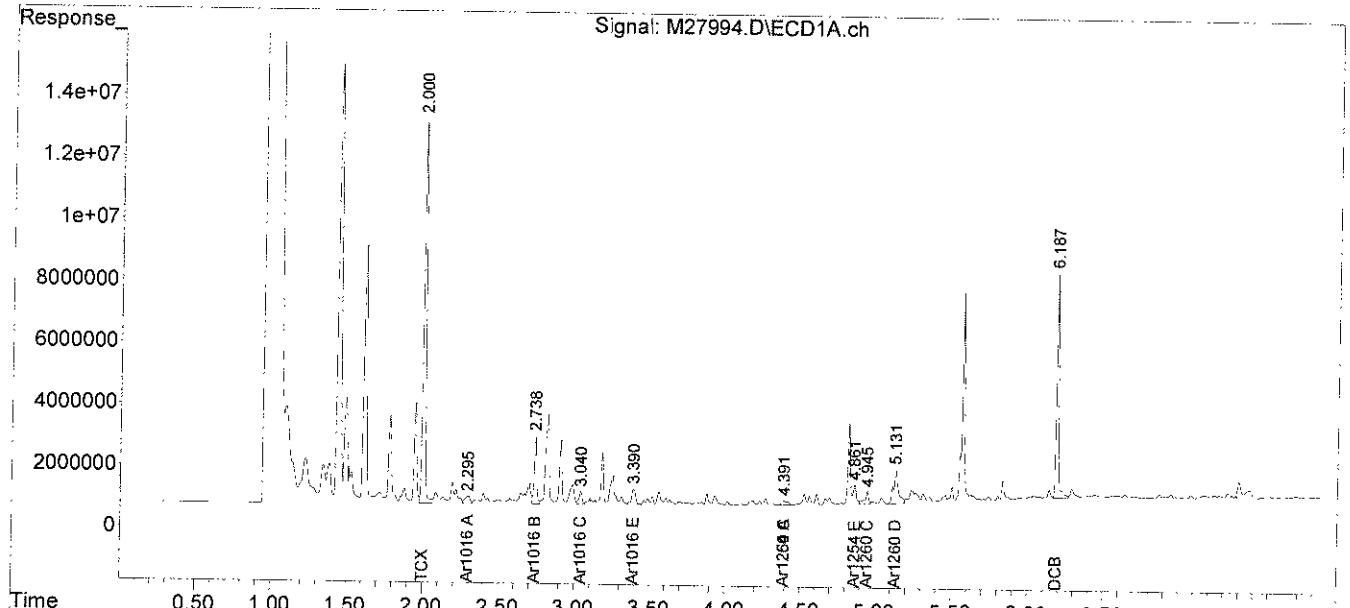
Quantitation Report (QT Reviewed)

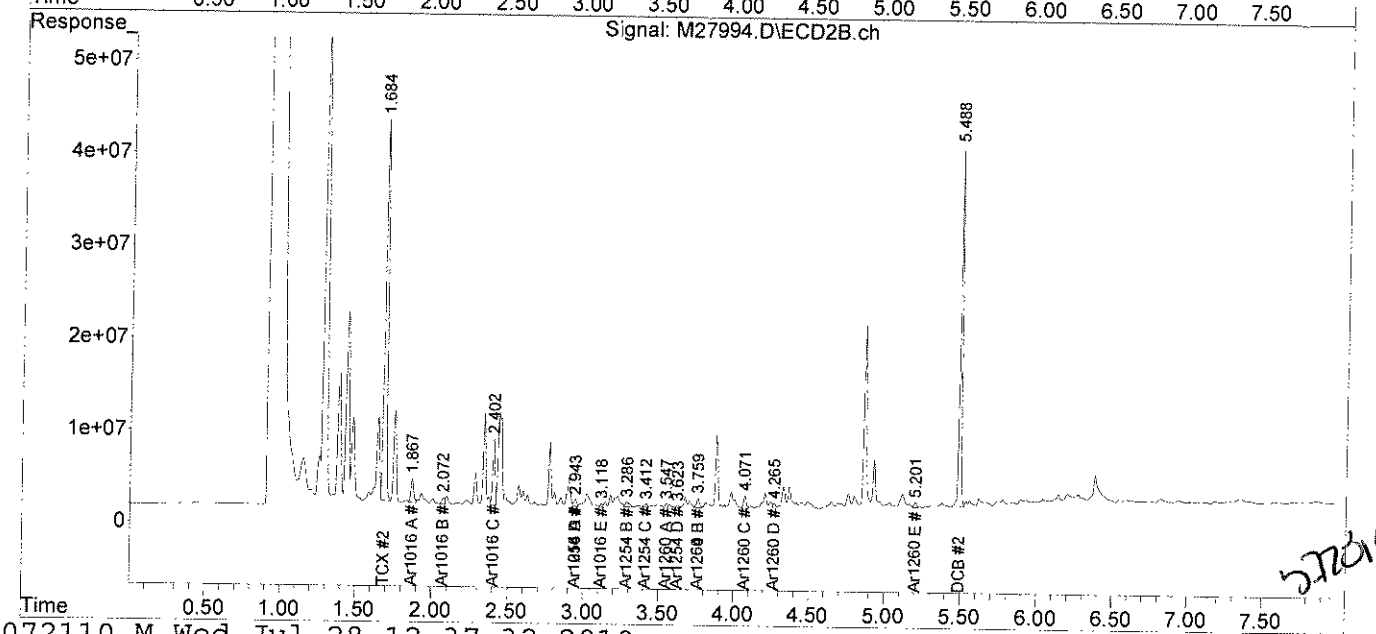
Data Path : C:\msdchem\1\DATA\072710-M\
Data File : M27994.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Jul 2010 2:00 pm
Operator : JK
Sample : 67300-8,,A/C
Misc : SOIL
ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 28 12:20:26 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:29 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um

JR 07.28.10





5/22/10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 28, 2010

SAMPLE DATA

Lab Sample ID:	67300-9
Matrix:	Solid
Percent Solid:	94
Dilution Factor:	1.0
Collection Date:	07/21/10
Lab Receipt Date:	07/22/10
Extraction Date:	07/22/10
Analysis Date:	07/27/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VCC-177

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	**132**
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	51	%
Decachlorobiphenyl	54	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67300
Sample: 67300-9,,A/C
Data File: M27995.D
Dilution Factor: 1.0

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	111	132	17.1	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

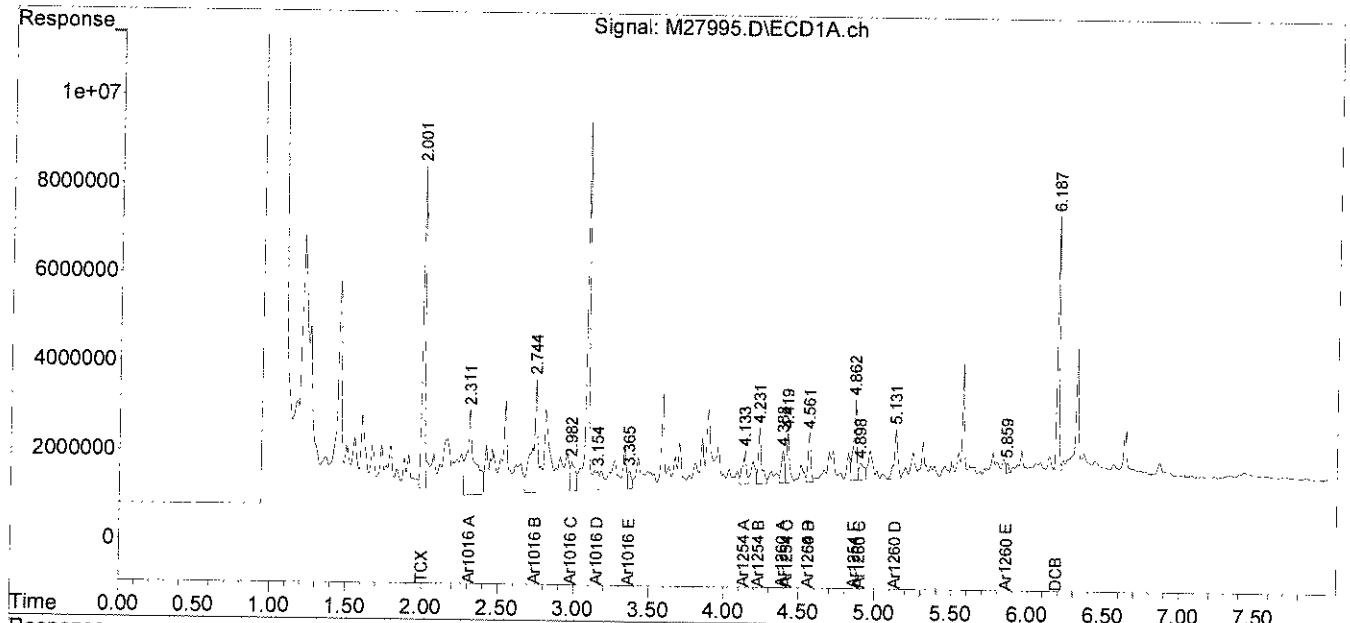
PCB FORM 10

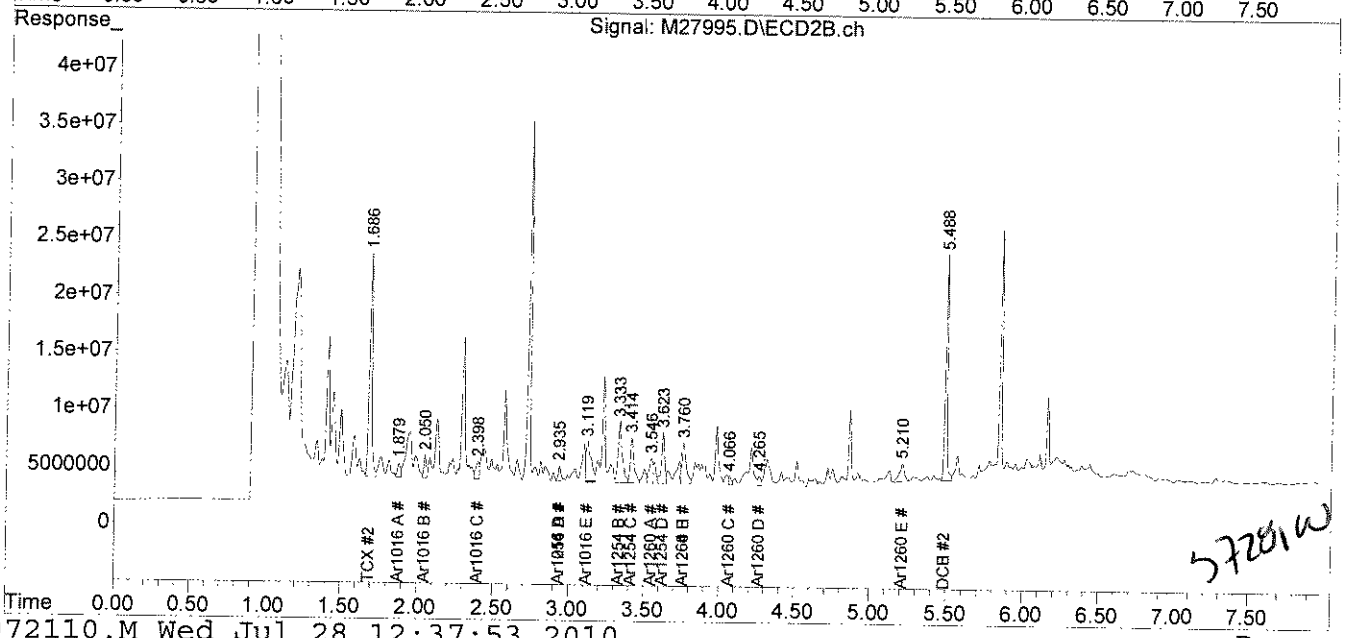
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\072710-M\
Data File : M27995.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Jul 2010 2:10 pm
Operator : JK
Sample : 67300-9,,A/C
Misc : SOIL
ALS Vial : 19 Sample Multiplier: 1

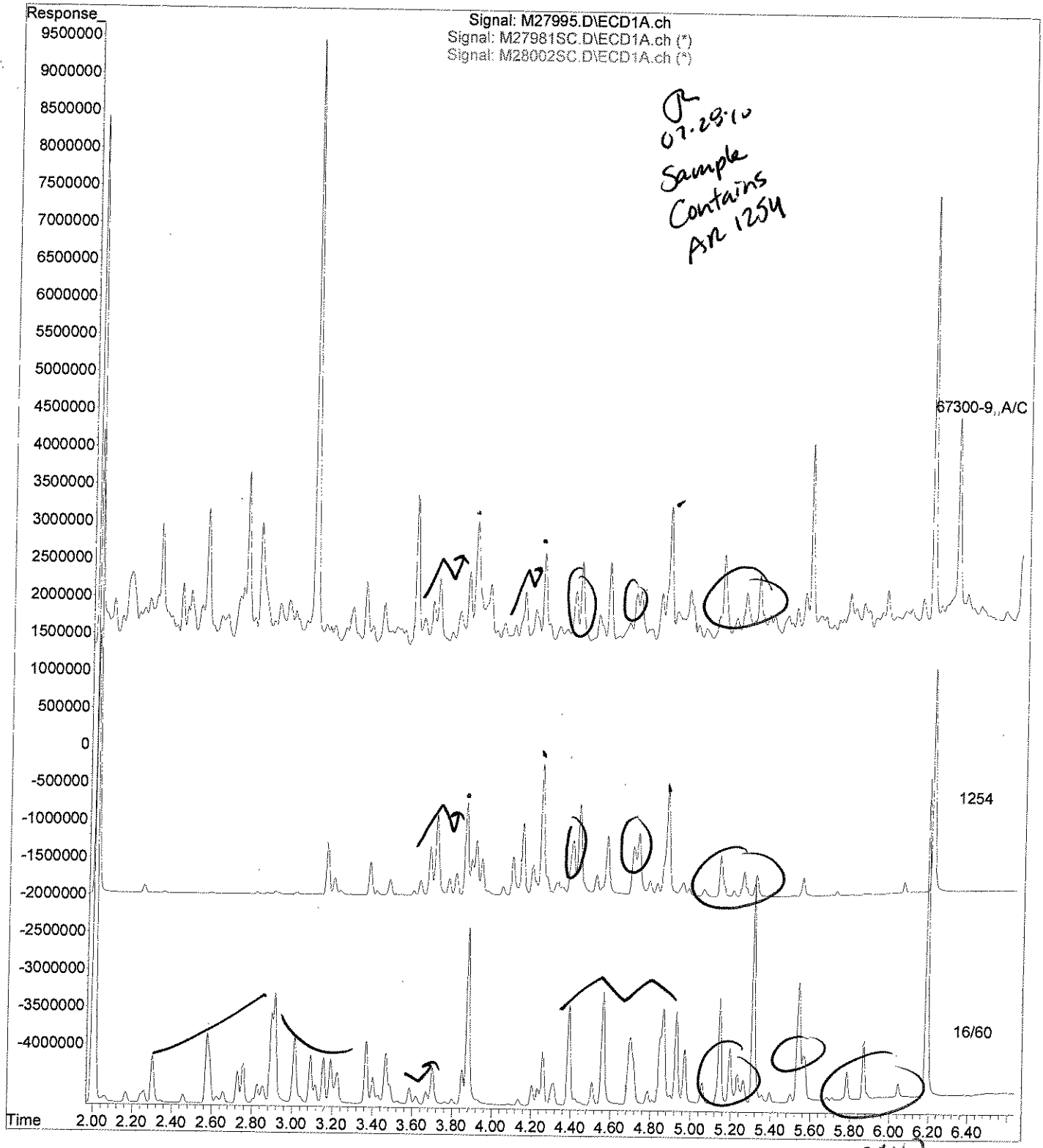
Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 28 12:37:45 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:29 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





File :C:\msdchem\1\DATA\072710-M\M27995.D
Operator : JK
Acquired : 27 Jul 2010 2:10 pm using AcqMethod PEST.M
Instrument : Instrument M
Sample Name: 67300-9,,A/C
Misc Info : SOIL
Vial Number: 19



072810

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 28, 2010

SAMPLE DATA

Lab Sample ID:	67300-10
Matrix:	Solid
Percent Solid:	93
Dilution Factor:	1.1
Collection Date:	07/21/10
Lab Receipt Date:	07/22/10
Extraction Date:	07/22/10
Analysis Date:	07/27/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-178

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	36	U
PCB-1221	36	U
PCB-1232	36	U
PCB-1242	36	U
PCB-1248	36	U
PCB-1254	36	U
PCB-1260	36	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	89	%
Decachlorobiphenyl	70	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB Report

Authorized signature

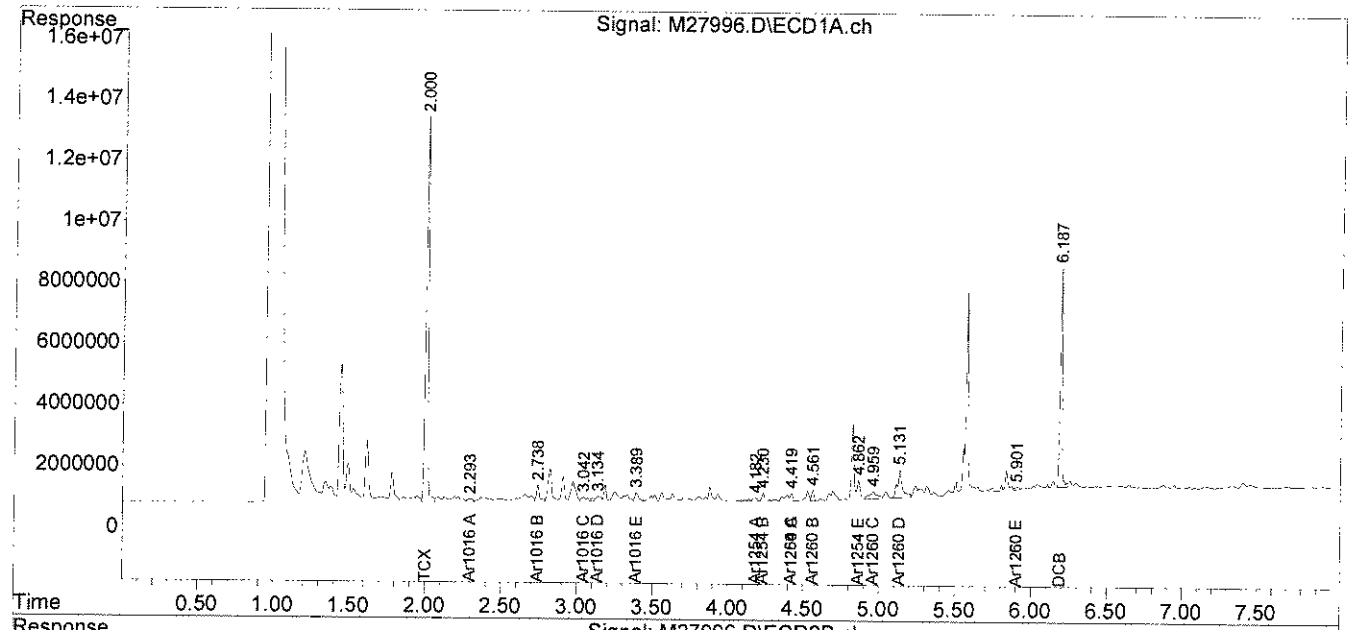
Quantitation Report (QT Reviewed)

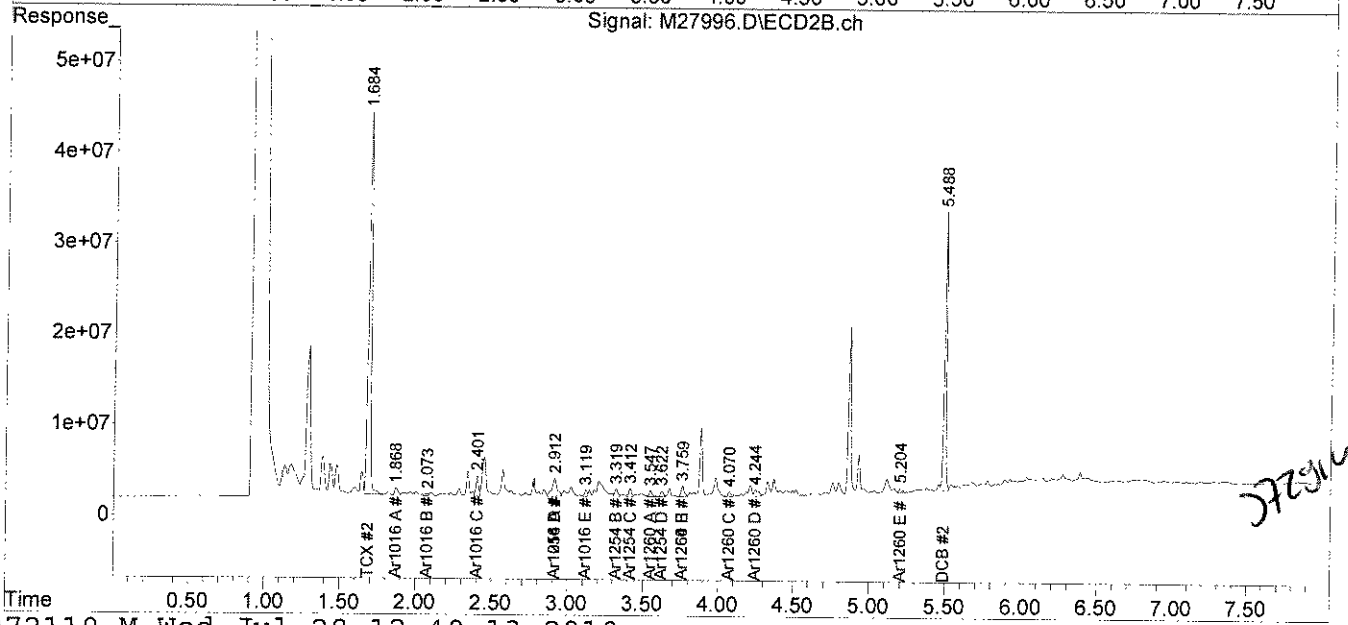
Data Path : C:\msdchem\1\DATA\072710-M\
Data File : M27996.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Jul 2010 2:20 pm
Operator : JK
Sample : 67300-10,,A/C
Misc : SOIL
ALS Vial : 20 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 28 12:20:30 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:29 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um

JL 07.29.10





JL 07.29.10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 28, 2010

SAMPLE DATA

Lab Sample ID:	67300-11
Matrix:	Solid
Percent Solid:	93
Dilution Factor:	1.0
Collection Date:	07/21/10
Lab Receipt Date:	07/22/10
Extraction Date:	07/22/10
Analysis Date:	07/27/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VCC-179

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	77
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	49	%
Decachlorobiphenyl	48	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67300
Sample: 67300-11,,A/C
Data File: M27997.D
Dilution Factor: 1.0

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	55	77	32.7	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

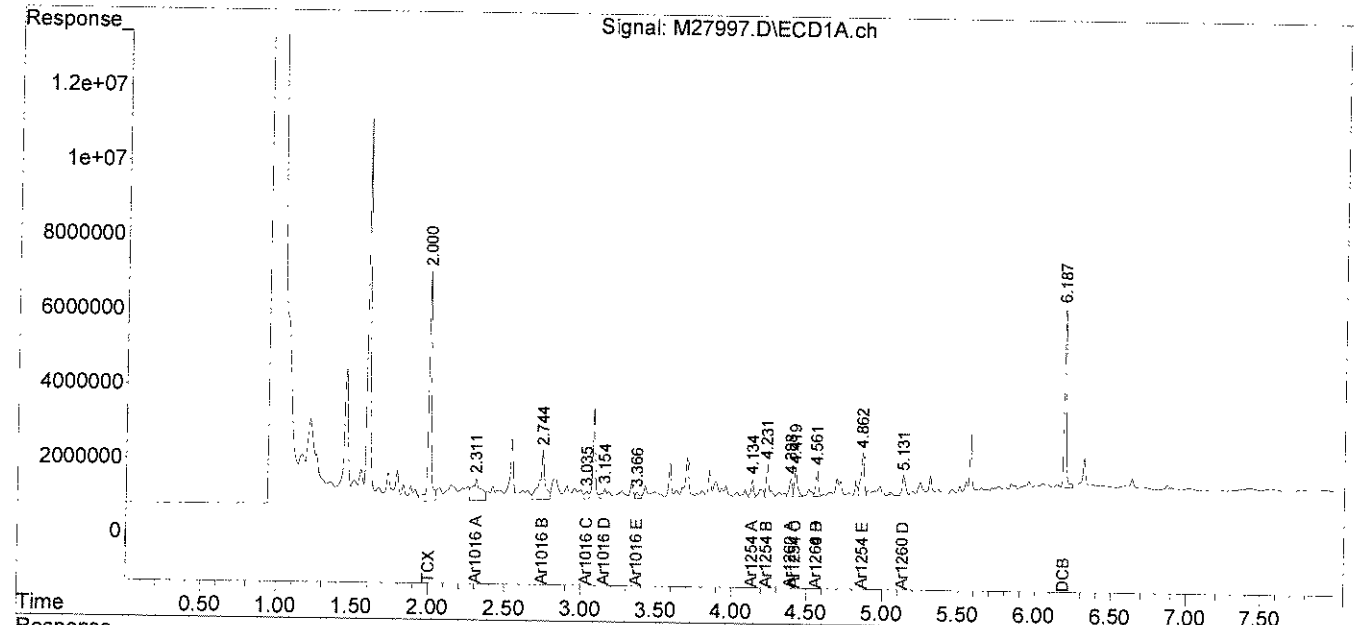
PCB FORM 10

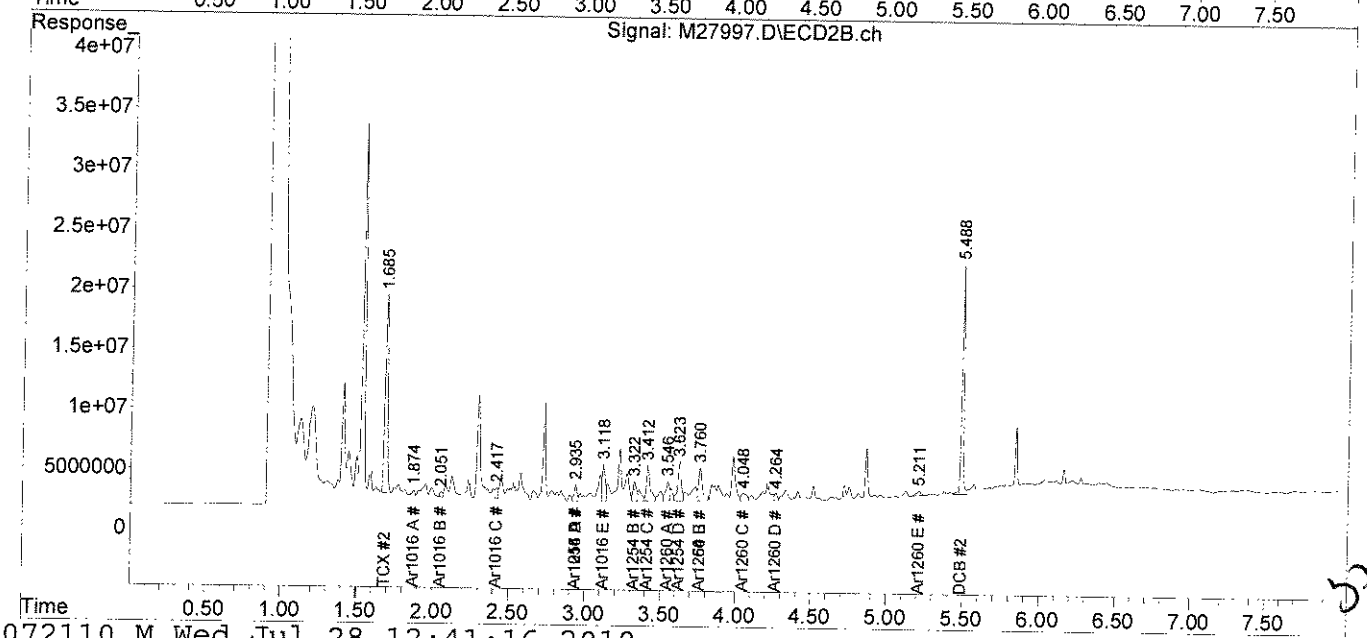
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\072710-M\
Data File : M27997.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Jul 2010 2:31 pm
Operator : JK
Sample : 67300-11,,A/C
Misc : SOIL
ALS Vial : 21 Sample Multiplier: 1

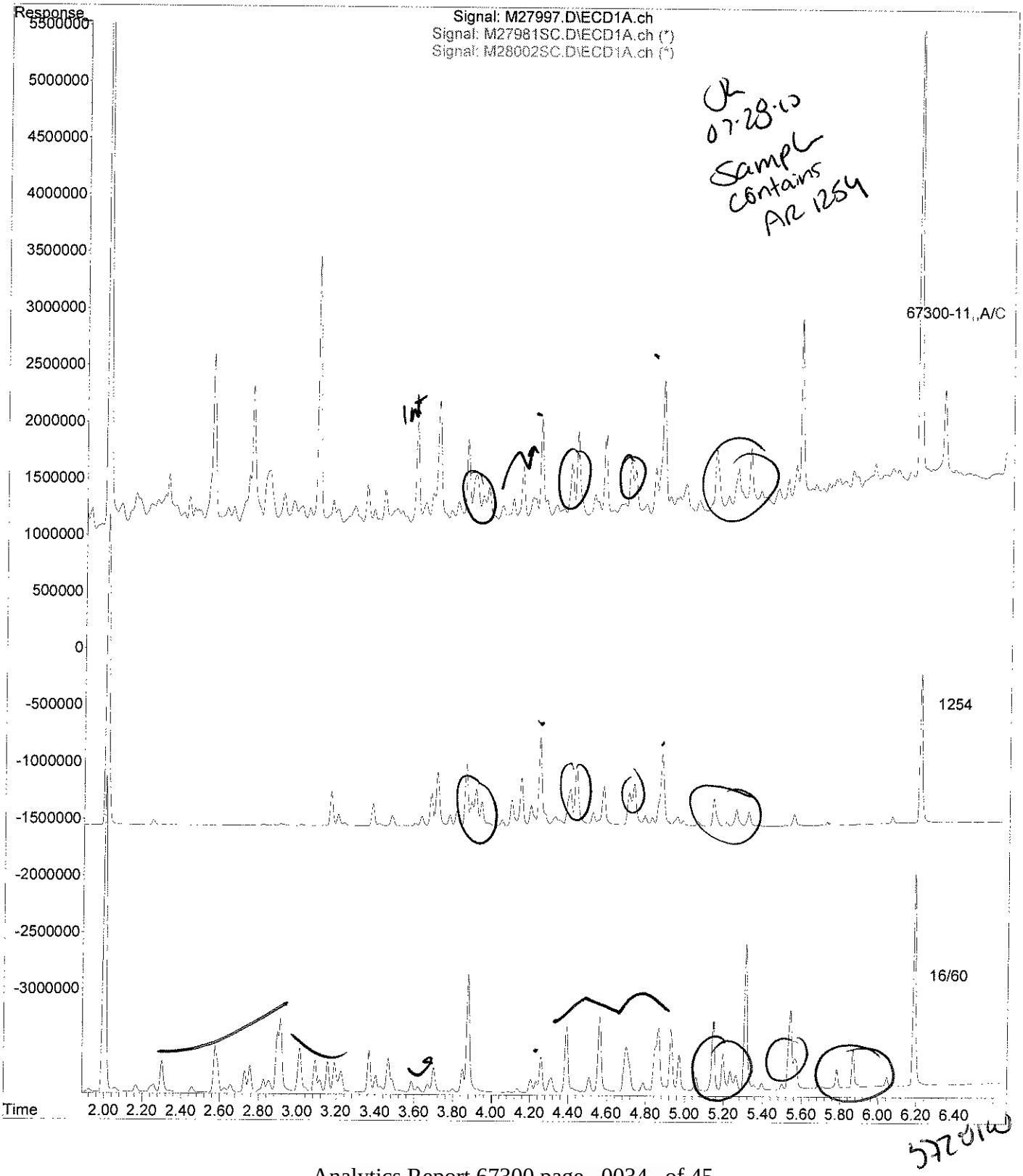
Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 28 12:20:32 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:29 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





File :C:\msdchem\1\DATA\072710-M\M27997.D
Operator : JK
Acquired : 27 Jul 2010 2:31 pm using AcqMethod PEST.M
Instrument : Instrument M
Sample Name: 67300-11,,A/C
Misc Info : SOIL
Vial Number: 21



JK 07.28.10 Sample contains AR 1254

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 28, 2010

SAMPLE DATA

Lab Sample ID:	67300-12
Matrix:	Solid
Percent Solid:	94
Dilution Factor:	1.0
Collection Date:	07/21/10
Lab Receipt Date:	07/22/10
Extraction Date:	07/22/10
Analysis Date:	07/27/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-180

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	86	%
Decachlorobiphenyl	56	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB Report

Authorized signature

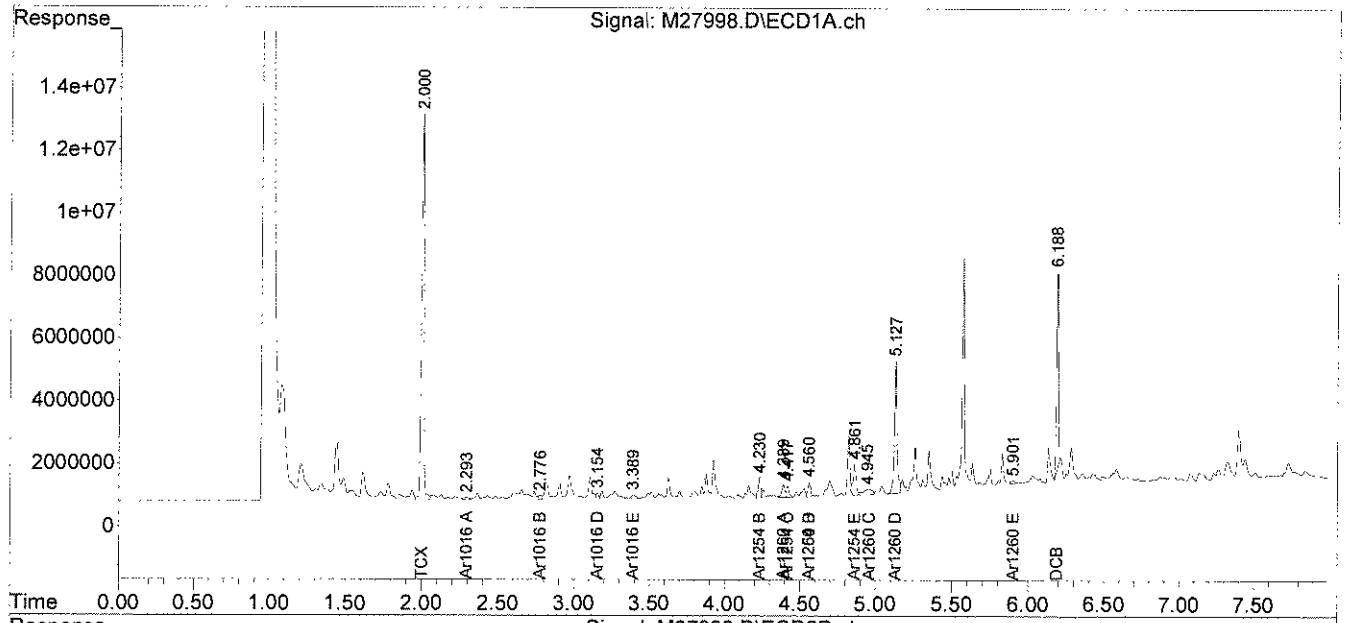
Quantitation Report (QT Reviewed)

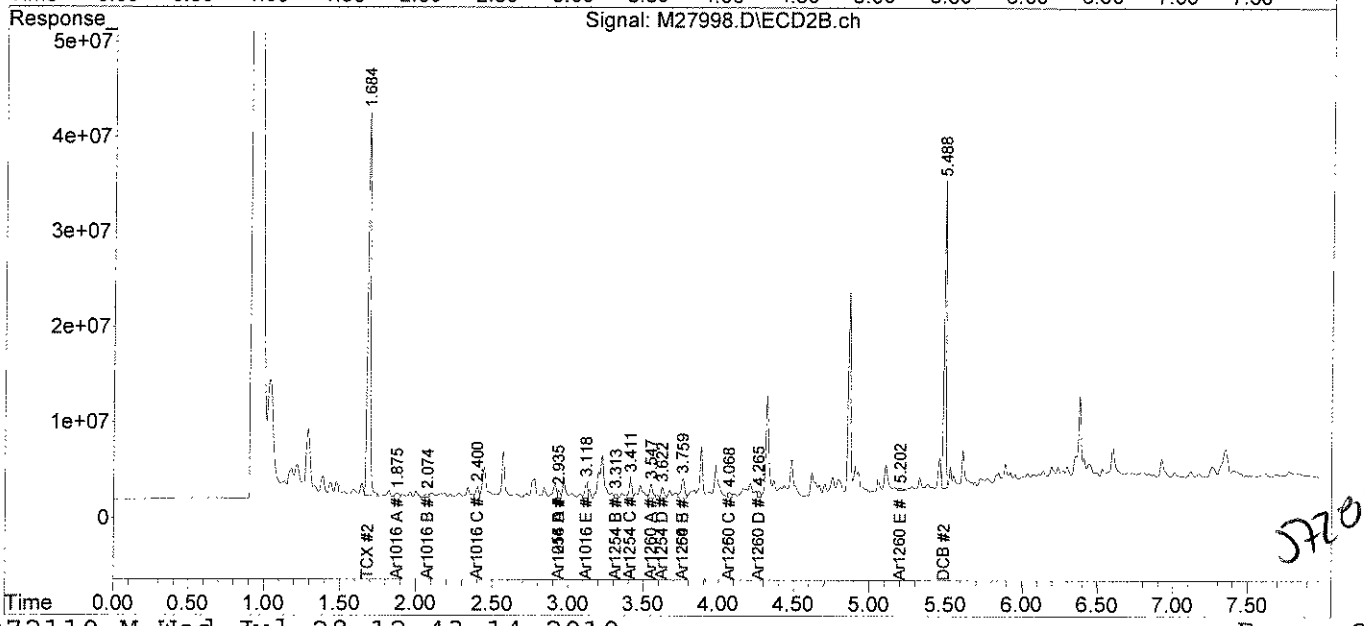
Data Path : C:\msdchem\1\DATA\072710-M\
Data File : M27998.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Jul 2010 2:41 pm
Operator : JK
Sample : 67300-12,,A/C
Misc : SOIL
ALS Vial : 22 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 28 12:43:05 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:29 2010
Response via : Initial Calibration
Integrator: ChemStation

JR 07-29-10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





572010

PCB
QC FORMS

AnalyticsLLC:AEL Documents LLC:Pkg Dividers:PCBQC.doc

PCB SOIL
SYSTEM MONITORING COMPOUNDS
SUMMARY

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67300

	Column #1				Column #2			
SAMPLE ID	SMC 1 (%)	#	SMC 2 (%)	#	SMC 1 (%)	#	SMC 2 (%)	#
B072210PSOX,,A/C	99		79		91		75	
L072210PSOX,,A/C	93		80		88		75	
LD072210PSOX,,A/C	89		77		85		73	
67300-1,,A/C	90		77		86		72	
67300-2,,A/C	92		77		87		72	
67300-3,,A/C	87		75		83		70	
67300-4,,A/C	93		79		89		68	
67300-5,,A/C	90		76		86		71	
67300-5,MS,,A/C	91		79		87		72	
67300-5,MSD,,A/C	90		79		83		69	
67300-6,,A/C	91		76		81		57	
67300-7,,A/C	88		75		86		70	
67300-8,,A/C	88		76		84		71	
67300-9,,A/C	51		54		41		38	*
67300-10,,A/C	89		70		87		56	
67300-11,,A/C	49		48		34	*	37	*
67300-12,,A/C	86		56		82		59	

		Lower Limit	Upper Limit
SMC #1 =	TCX	40	130
SMC #2 =	DCB	40	130

\# Column to be used to flag recovery values outside of QC limits
* Values outside QC limits
D System Monitoring Compound diluted out

PCB SOIL
LABORATORY CONTROL SAMPLE/DUPLICATE
PERCENT RECOVERY

Instrument ID: M

GC Column #1: STX-CLPesticides I

Column ID: 0.25 mm

GC Column #2: STX-CLPesticides II

Column ID: 0.25 mm

SDG: 67300

Non-spiked sample: B072210PSOX,,A/C

Spike: L072210PSOX,,A/C

Spike duplicate: LD072210PSOX,,A/C

COMPOUND	LCS SPIKE ADDED (ug/kg)	LCSD SPIKE ADDED (ug/kg)	LOWER LIMIT	UPPER LIMIT	RPD LIMIT	NON-SPIKE RESULT (ug/kg)	SPIKE RESULT (ug/kg)	SPIKE % REC	#	SPIKE DUP RESULT (ug/kg)	SPIKE DUP % REC	#	RPD	#
PCB 1016	200	200	65	140	30	0	200	100		209	105		4.3	
PCB 1260	200	200	60	130	30	0	220	110		212	106		3.5	
PCB 1016 #2	200	200	65	140	30	0	275	137		266	133		3.5	
PCB 1260 #2	200	200	60	130	30	0	198	99		194	97		1.9	

Column to be used to flag recovery and RPD values outside of QC limits

* Values outside QC limits

LCS/LCSD spike added values have been weight adjusted.

Non-spike result of "0" used in place of "U" to allow calculation of spike recovery.

Comments: _____

_____

PCB FORM 3

PCB SOIL
MATRIX SPIKE/DUPLICATE
PERCENT RECOVERY

Instrument ID: M

GC Column #1: STX-CLPesticides I

Column ID: 0.25 mm

GC Column #2: STX-CLPesticides II

Column ID: 0.25 mm

SDG: 67300

Non-spiked sample: 67300-5,,A/C

Spike: 67300-5,MS,,A/C

Spike duplicate: 67300-5,MSD,,A/C

COMPOUND	LCS SPIKE ADDED (ug/kg)	LCSD SPIKE ADDED (ug/kg)	LOWER LIMIT	UPPER LIMIT	RPD LIMIT	NON-SPIKE RESULT (ug/kg)	SPIKE RESULT (ug/kg)	SPIKE % REC	#	SPIKE DUP RESULT (ug/kg)	SPIKE DUP % REC	#	RPD	#
PCB 1016	197	193	65	140	30	0	210	106		223	115		8.3	
PCB 1260	197	193	60	130	30	0	241	122		229	119		2.8	
PCB 1016 #2	197	193	65	140	30	0	243	123		240	125		1.1	
PCB 1260 #2	197	193	60	130	30	0	209	106		196	102		4.1	

Column to be used to flag recovery and RPD values outside of QC limits

* Values outside QC limits

LCS/LCSD spike added values have been weight adjusted.

Non-spike result of "0" used in place of "U" to allow calculation of spike recovery.

Comments: _____

_____

PCB FORM 3

CHAIN OF CUSTODIES

AnalyticsLLC:AEL Documents LLC:Pkg Dividers:COC.doc

Chain Of Custody Form

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, NH 03801
Phone (603) 436-5111
Fax (603) 430-2151

For Analytics Use Only Rev. 5 06/18/08

Samples were:
1) Shipped or hand-delivered
2) Temp blank °C 1.2°C
3) Received in good condition Y or N
4) pH checked by: N/A
5) Labels checked by: JB 7/22/10

Project#: 223019 Proj. Name: AMISTAD ACADEMY
Company: Woodard & Curran
Contact: GEORGE FRANKLIN / JEFF HAMEL
Address: 35 New England Business Center Suite 180
Andover, MA 01810
Phone: (978)557-8150 PO# Quote # WCI03051001
Sampler (Signature): Jesse Andrews

Matrix Key:
C = Concrete
WP = Wipe
WW = Wastewater
SW = Surface Water
GW = Groundwater
DW = Drinking Water
S = Soil/Sludge
O = Oil
E = Extract

Container Key
P=plastic G=glass

Station Identification	Sample Date	Sample Time	Analysis	Unpres	4° C	HNO_3	H_2SO_4	HCL	Methanol	Other	Matrix	Container number/type		pH	Analytics Sample #
AA-VSS-169	7/21/10	1205	PCB's by U.S. E.P.A. 8082 w/ Soxhlet Extraction		✓						S	1	G		67300-1
AA-VSS-170		1210			✓						S	1	G		2
AA-VSS-171		1220			✓						S	1	G		3
AA-VSS-172		1225			✓						S	1	G		4
AA-VSS-173		1235			✓						S	1	G		5
AA-VSS-174		1240			✓						S	1	G		6
AA-VSS-175		1250			✓						S	1	G		7
AA-VSS-176		1255			✓						S	1	G		8
AA-VCC-177		1310			✓						C	1	G		9
AA-VSS-178		1315			✓						S	1	G		10
AA-VCC-179		1320			✓						C	1	G		11

Preservation

Email Results to:
gfranklin@...
jhamel@...

Turnaround Time (TAT)
☐ 24hr* ☐ 48hr*
☐ 72hr* ☑ 5 Days*
☐ 10 Days
*Fee may apply; lab approval required

Comments / Instructions:
R.L. ≤ 1.0 mg/kg.

STD TURN AROUND TIME (3-5 DAYS)

Project Requirements:
*Fee may apply

Report Type:
☐ MCP* ☑ Level II*
☐ CTRCP* ☐ Level III*
☐ DOD* ☐ Level IV*
☐ Standard

State:
☐ NH
☐ MA
☐ ME
☑ CT
☐ RI
Other:

State Standard:
(eg. S-1 or GW-1)
EDD Required: (Y) N
Type: .xls

Relinquished By Sampler:	Relinquished By:	Relinquished By:
Jesse Andrews	Fed EX	
Date: 7/21/10	Date: 7.22.10	Date:
Time:	Time: 10:00am	Time:

Received By:	Received By:	Received By:
Fed EX	J. Lewis	

Page 1 of 2

Analytics\AEL Documents\AEL COC

Chain Of Custody Form

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, NH 03801
Phone (603) 436-5111
Fax (603) 430-2151

Project#: 223019 Proj. Name: AMISTAD ACADEMY
Company: Woodard & Curran
Contact: GEORGE FRANKLIN / JEFF HAMEL
Address: 35 New England Business Center Suite 180
Andover, MA 01810
Phone: (978)557-8150 PO# Quote # WCI 0305 1001
Sampler (Signature): [signature]

Matrix Key:
C = Concrete
WP = Wipe
WW = Wastewater
SW = Surface Water
GW = Groundwater
DW = Drinking Water
S = Soil/Sludge
O = Oil
E = Extract

For Analytics Use Only Rev. 5 06/18/08
Samples were:
1) Shipped or hand-delivered
2) Temp blank °C 1.2°C
3) Received in good condition Y or N
4) pH checked by: N/A
5) Labels checked by: JB 7/22/10

Container Key
P=plastic G=glass

Station Identification	Sample Date	Sample Time	Analysis	Preservation: Unpres	4° C	HNO_3	H_2SO_4	HCL	Methanol	Other	Matrix	Container number/type		pH	Analytics Sample #
AA-VSS-180	7/21/10	1325	PCB's by U.S. E.P.A. 8082 w/ Soxhlet Extraction		✓						S	1	G		67300-12

JB 7/22/10

Email Results to:
gfranklin@..,
jhamel@...

Turnaround Time (TAT)
☐ 24hr* ☐ 48hr*
☐ 72hr* ☑ 5 Days* STD. TURN AROUND TIME (3-5 DAYS)
☐ 10 Days
*Fee may apply; lab approval required

Comments / Instructions:
R.L. ≤ 1.0 mg/kg.

Project Requirements:
*Fee may apply

Report Type:
☐ MCP* ☑ Level II*
☐ CTRCP* ☐ Level III*
☐ DOD* ☐ Level IV*
☐ Standard

State:
☐ NH
☐ MA
☐ ME
☑ CT
☐ RI
Other:

State Standard:
(eg. S-1 or GW-1)
EDD Required: Y* N
Type: .xls

Received By: Fed Ex	Received By: [signature]	Received By:
Time:	Time: 10:00am	Time:
Date: 7/21/10	Date: 7.22.10	Date:
Relinquished By Sampler: [signature]	Relinquished By: Fed Ex	Relinquished By:

Analytics\AEL Documents\AEL COC

Page 2 of 2

ANALYTICS SAMPLE RECEIPT CHECKLIST

analytics environmental laboratory LLC

AEL LAB#: 67300 | COOLER NUMBER: —

CLIENT: W+C | NUMBER OF COOLERS: 1

PROJECT: Amistad | DATE RECEIVED: 7.22.10

A: PRELIMINARY EXAMINATION: | DATE COOLER OPENED: 7.22.10

1. Cooler received by(initials): JL | Date Received: 7.22.10

2. Circle one: Hand delivered (If so, skip 3) Shipped

3. Did cooler come with a shipping slip? Y N

3a. Enter carrier name and airbill number here: 0201 7937 4700 1239

4. Were custody seals on the outside of cooler? Y N
How many & where: _____ Seal Date: _____ Seal Name: _____

5. Did the custody seals arrive unbroken and intact upon arrival? Y N/A

6. COC#: _____

7. Were Custody papers filled out properly (ink,signed, etc)? JL 7.22.10 Y N — time relinquished to Fed Ex missing

8. Were custody papers sealed in a plastic bag? Y N

9. Did you sign the COC in the appropriate place? Y N

10. Was the project identifiable from the COC papers? Y N

11. Was enough ice used to chill the cooler? Y N Temp. of cooler: 1.2°C

B. Log-In: Date samples were logged in: 7.22.10 By: JL

12. Type of packing in cooler(bubble wrap, popcorn) Y N

13. Were all bottles sealed in separate plastic bags? Y N

14. Did all bottles arrive unbroken and were labels in good condition? Y N

15. Were all bottle labels complete(ID,Date,time,etc.) Y N

16. Did all bottle labels agree with custody papers? Y N

17. Were the correct containers used for the tests indicated: Y N

18. Were samples received at the correct pH? Y N/A

19. Was sufficient amount of sample sent for the tests indicated? Y N

20. Were bubbles absent in VOA samples? Y N/A

If NO, List Sample ID's and Lab #s: _____

21. Laboratory labeling verified by (initials): JL JB JB 7/22/10 Date: 7.22.10

From: Origin ID: BNHA (203) 271-0379
Jesse Ream
WOODARD & CURRAN INC
1520 HIGHLAND AVENUE

CHESHIRE, CT 06410

FedEx Express

Ship Date: 21JUL10
ActWgt: 35.0 LB
CAD: 2185050/INET3060

Delivery Address Bar Code

SHIP TO: (603) 436-5111 BILL SENDER

Analytics Enviro Labs, LLC
Analytics Enviro Labs, LLC
195 COMMERCE WAY UNIT E

PORTSMOUTH, NH 03801

Ref # 223019.00
Invoice #
PO #
Dept #

TRK# 0201 7937 4700 1239

THU - 22 JUL A2
PRIORITY OVERNIGHT

03801
NH-US
MHT

03 IGGA

508G1/9807/9A24

After printing this label:
1. Use the 'Print' button on this page to print your label to your laser or inkjet printer.
2. Fold the printed page along the horizontal line.
3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

Warning: Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com.FedEx will not be responsible for any claim in excess of $100 per package, whether the result of loss, damage, delay, non-delivery,misdelivery,or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim.Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic valueof the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental,consequential, or special is limited to the greater of $100 or the authorized declared value. Recovery cannot exceed actual documented loss.Maximum for items of extraordinary value is $500, e.g. jewelry, precious metals, negotiable instruments and other items listed in our ServiceGuide. Written claims must be filed within strict time limits, see current FedEx Service Guide.

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

July 31, 2010

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

RE: Analytical Results Case Narrative
Analytics # 67353
AMISTAD ACADEMY

Dear Mr. Franklin;

Enclosed please find the analytical results for samples submitted for the above-mentioned project. The attached Cover Page lists the sample IDs, Lab tracking numbers and collection dates for the samples included in this deliverable.

Samples were analyzed Polychlorinated Biphenyls (PCBs) by EPA Method 8082.

Unless otherwise noted in the Non-conformance Summary listed below, all of the quality control (QC) criteria including initial calibration, calibration verification, surrogate recovery, holding time and method accuracy/precision for these analyses were within acceptable limits.

This Level II data package has been assembled in the following order:

Case Narrative/Non-Conformance Summary
Sample Log Sheet - Cover Page
PCB Form 1 Data Sheet for Samples and Blanks
Chromatograms
PCB Form 10 Confirmation Results
PCB Form 3 MS/MSD (LCS) Recoveries
Chain of Custody (COC) Forms

QC NON-CONFORMANCE SUMMARY

Sample Receipt:
No exceptions.

PCBs by EPA Method 8082:
No results were reported below the quantitation limit.

Samples 67353-14 and 67353-15 required dilution due to concentrations of PCBs detected in the sample.

The MS/MSD analyzed on sample 67353-8 had high recoveries for PCB 1260 due to the presence of PCB 1254 in the parent sample. The laboratory control samples (L072710PSOX/LD072710PSOX) were in control for all analytes. Results were reported without qualification.

If you have any questions on these results, please do not hesitate to contact me.

Sincerely,
ANALYTICS Environmental Laboratory, LLC

Stephen L. Knollmeyer
Laboratory Director

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

Report Number: 67353

Revision: Rev. 0

Re: Amistad Academy (Project No: 223019)

Enclosed are the results of the analyses on your sample(s). Samples were received on 27 July 2010 and analyzed for the tests listed. Samples were received in acceptable condition, with the exceptions noted below or on the chain of custody. These results pertain to samples as received by the laboratory and for the analytical tests requested on the chain of custody. The results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report. Please see individual reports for specific methodologies and references.

Sample Analysis: The attached pages detail the Client Sample IDs, Lab Sample IDs, and Analyses requested

Sample Receipt Exceptions: None

Analytics Environmental Laboratory is certified by the states of New Hampshire, Maine, Massachusetts, Connecticut, Rhode Island, Virginia, Maryland, and is accredited by the Deparment of Defense (DOD) ELAP program. A list of actual certified parameters is available upon request.

If you have any questions on these results, please do not hesitate to contact us.

Authorized signature _____
Stephen L. Knollmeyer Lab. Director

Date 07/30/2010

This report shall not be reproduced, except in full, without the written consent of Analytics Environmental Laboratory, LLC.

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

CLIENT: Woodard & Curran **REPORT NUMBER: 67353** **REV: Rev. 0**

PROJECT: Amistad Academy (Project No: 223019)

Lab Number	Sample Date	Station Location	Analysis	Comments
67353-1	07/26/10	AA-VSS-Q-181	EPA 8082 (PCBs only)	
67353-2	07/26/10	AA-VSS-182	EPA 8082 (PCBs only)	
67353-3	07/26/10	AA-VSS-183	EPA 8082 (PCBs only)	
67353-4	07/26/10	AA-VSS-184	EPA 8082 (PCBs only)	
67353-5	07/26/10	AA-VSS-185	EPA 8082 (PCBs only)	
67353-6	07/26/10	AA-VSS-186	EPA 8082 (PCBs only)	
67353-7	07/26/10	AA-VSS-187	EPA 8082 (PCBs only)	
67353-8	07/26/10	AA-VSS-188	EPA 8082 (PCBs only)	
67353-9	07/26/10	AA-VSS-189	EPA 8082 (PCBs only)	
67353-10	07/26/10	AA-VSS-190	EPA 8082 (PCBs only)	
67353-11	07/26/10	AA-VSS-191	EPA 8082 (PCBs only)	
67353-12	07/26/10	AA-VSS-192	EPA 8082 (PCBs only)	
67353-13	07/26/10	AA-VSS-193	EPA 8082 (PCBs only)	
67353-14	07/26/10	AA-VCC-194	EPA 8082 (PCBs only)	
67353-15	07/26/10	AA-VCC-195	Electronic Data Deliverable	
	07/26/10	AA-VCC-195	EPA 8082 (PCBs only)	

Surrogate Compound Limits

Matrix:	Aqueous	Solid	
Units:	% Recovery	% Recovery	Method
Volatile Organic Compounds - Drinking Water			
1,4-Difluorobenzene	70-130		EPA 524.2
Bromofluorobenzene	70-130		
1,2-Dichlorobenzene-d4	70-130		
Volatile Organic Compounds			
1,2-Dichloroethane-d4	70-120	70-120	EPA 624/8260B
Toluene-d8	85-120	85-120	
Bromofluorobenzene	75-120	75-120	
Semi-Volatile Organic Compounds			
2-Fluorophenol	20-110	35-105	EPA 625/8270C
d5-Phenol	15-110	40-100	
d5-nitrobenzene	40-110	35-100	
2-Fluorobiphenyl	50-110	45-105	
2,4,6-Tribromophenol	40-110	40-125	
d14-p-terphenyl	50-130	30-125	
PAH's by SIM			
d5-nitrobenzene	21-110	35-110	EPA 8270C
2-Fluorobiphenyl	36-121	45-105	
d14-p-terphenyl	33-141	30-125	
Pesticides and PCBs			
2,4,5,6-Tetrachloro-m-xylene (TCX)	46-122	40-130	EPA 608/8082
Decachlorobiphenyl (DCB)	40-135	40-130	
Herbicides			
Dichloroacetic acid (DCAA)	30-150	30-150	
Gasoline Range Organics/TPH Gasoline			
Trifluorotoluene TFT (FID)	60-140	60-140	MEDEP 4217/EPA 8015
Bromofluorobenzene (BFB) (FID)	60-140	60-140	
Trifluorotoluene TFT (PID)	60-140	60-140	
Bromofluorobenzene (BFB) (PID)	60-140	60-140	
Diesel Range Organics/TPH Diesel			
m-terphenyl	60-140	60-140	MEDEP 4125/EPA 8015/CT ETPH
Volatile Petroleum Hydrocarbons			
2,5-Dibromotoluene (PID)	70-130	70-130	MADEP VPH May 2004 Rev1.1
2,5-Dibromotoluene (FID)	70-130	70-130	
Extracatable Petroleum Hydrocarbons			
1-chloro-octadecane (aliphatic)	40-140	40-140	MADEP EPH May 2004 Rev1.1
o-Terphenyl (aromatic)	40-140	40-140	
2-Fluorobiphenyl (Fractionation)	40-140	40-140	
2-Bromonaphthalene (fractionation)	40-140	40-140	

PCB
DATA SUMMARIES

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 30, 2010

SAMPLE DATA

Lab Sample ID: B072710PSOX
Matrix: Soil
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date:
Lab Receipt Date:
Extraction Date: 07/27/10
Analysis Date: 07/28/10

CLIENT SAMPLE ID

Project Name: Amistad Academy
Project Number: 223019
Field Sample ID: Lab QC

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	94	%
Decachlorobiphenyl	72	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

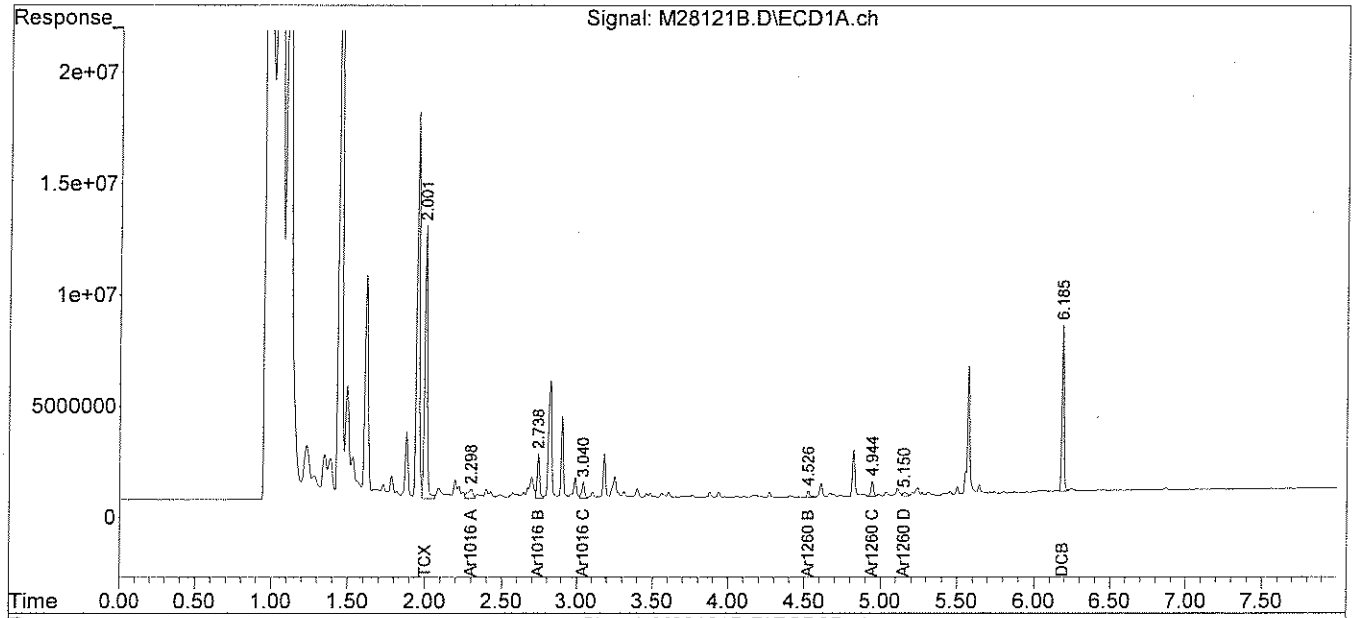
Quantitation Report (Not Reviewed)

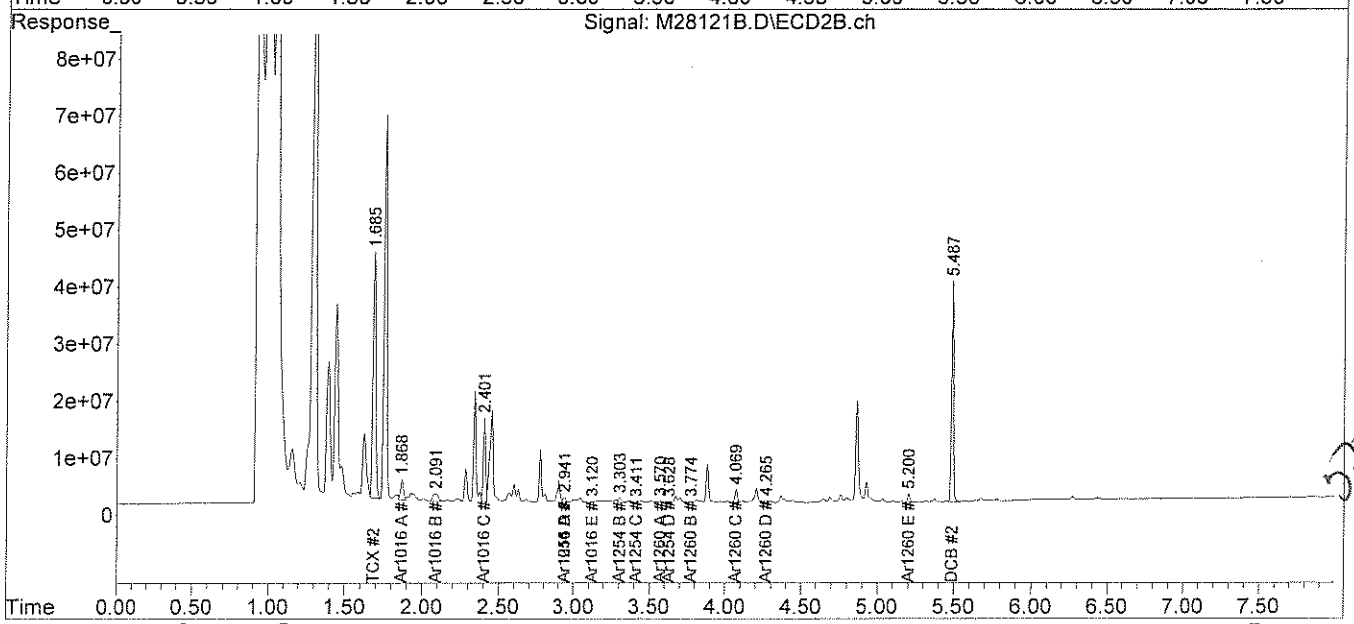
Data Path : C:\msdchem\1\DATA\072810-M\
Data File : M28121B.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jul 2010 9:41 pm
Operator : JK
Sample : B072710PSOX,,A/C
Misc : SOIL
ALS Vial : 38 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 29 13:45:13 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

JK 07-29-10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





373010

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 30, 2010

SAMPLE DATA

Lab Sample ID: B072710PSOX RR
Matrix: Soil
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date:
Lab Receipt Date:
Extraction Date: 07/27/10
Analysis Date: 07/29/10

CLIENT SAMPLE ID

Project Name: Amistad Academy
Project Number: 223019
Field Sample ID: Lab QC

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	97	%
Decachlorobiphenyl	73	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

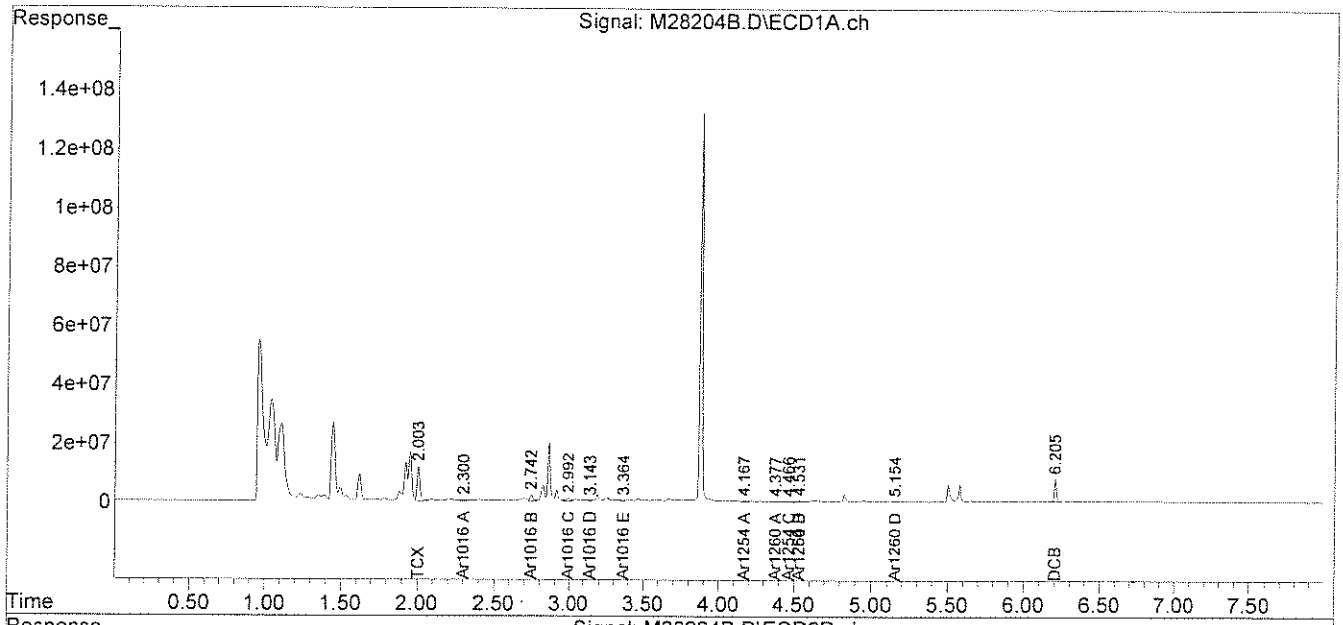
Quantitation Report (Not Reviewed)

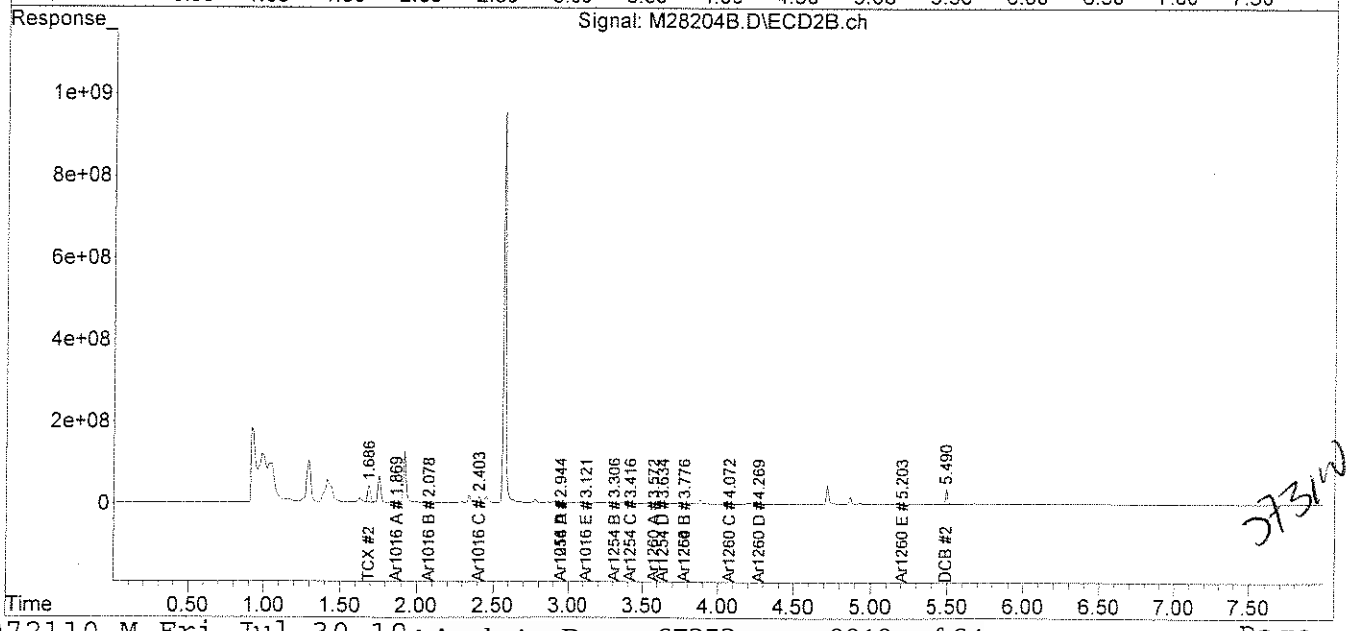
Data Path : C:\msdchem\1\DATA\072910-M\
Data File : M28204B.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jul 2010 4:40 pm
Operator : JK
Sample : B072710PSOX,RR,,A/C
Misc : SOIL
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 30 10:43:20 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um

JR 07-30-10





273ND

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 30, 2010

SAMPLE DATA

Lab Sample ID: B072810PW
Matrix: Aqueous
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date:
Lab Receipt Date:
Extraction Date: 07/28/10
Analysis Date: 07/29/10

CLIENT SAMPLE ID

Project Name: Amistad Academy
Project Number: 223019
Field Sample ID: Lab QC

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/L	Results µg/L
PCB-1016	0.2	U
PCB-1221	0.2	U
PCB-1232	0.2	U
PCB-1242	0.2	U
PCB-1248	0.2	U
PCB-1254	0.2	U
PCB-1260	0.2	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	96	%
Decachlorobiphenyl	71	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS:

PCB Report

Authorized signature

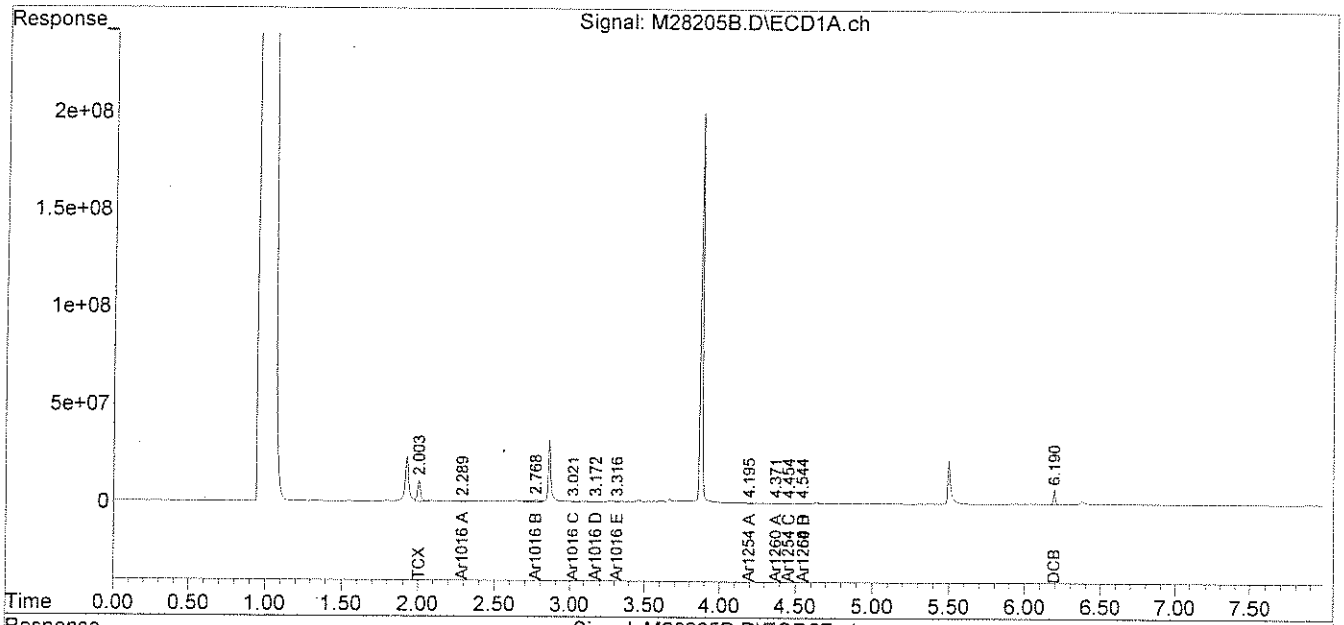
Quantitation Report (Not Reviewed)

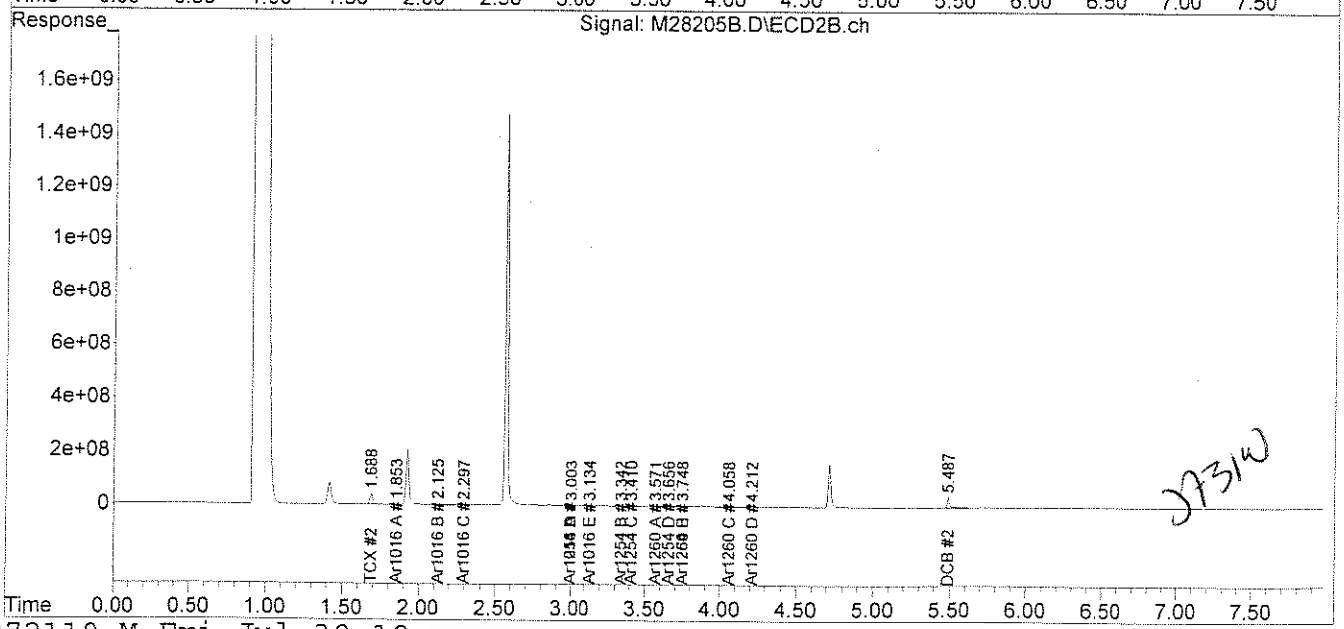
Data Path : C:\msdchem\1\DATA\072910-M\
Data File : M28205B.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jul 2010 4:50 pm
Operator : JK
Sample : B072810PW
Misc :
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 30 10:43:22 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um

JL 07-30-10





J73W

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 30, 2010

SAMPLE DATA

Lab Sample ID:	67353-1
Matrix:	Aqueous
Percent Solid:	N/A
Dilution Factor:	1.1
Collection Date:	07/26/10
Lab Receipt Date:	07/27/10
Extraction Date:	07/28/10
Analysis Date:	07/29/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-Q-181

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/L	Results µg/L
PCB-1016	0.2	U
PCB-1221	0.2	U
PCB-1232	0.2	U
PCB-1242	0.2	U
PCB-1248	0.2	U
PCB-1254	0.2	U
PCB-1260	0.2	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	80	%
Decachlorobiphenyl	71	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS:

PCB Report

Authorized signature

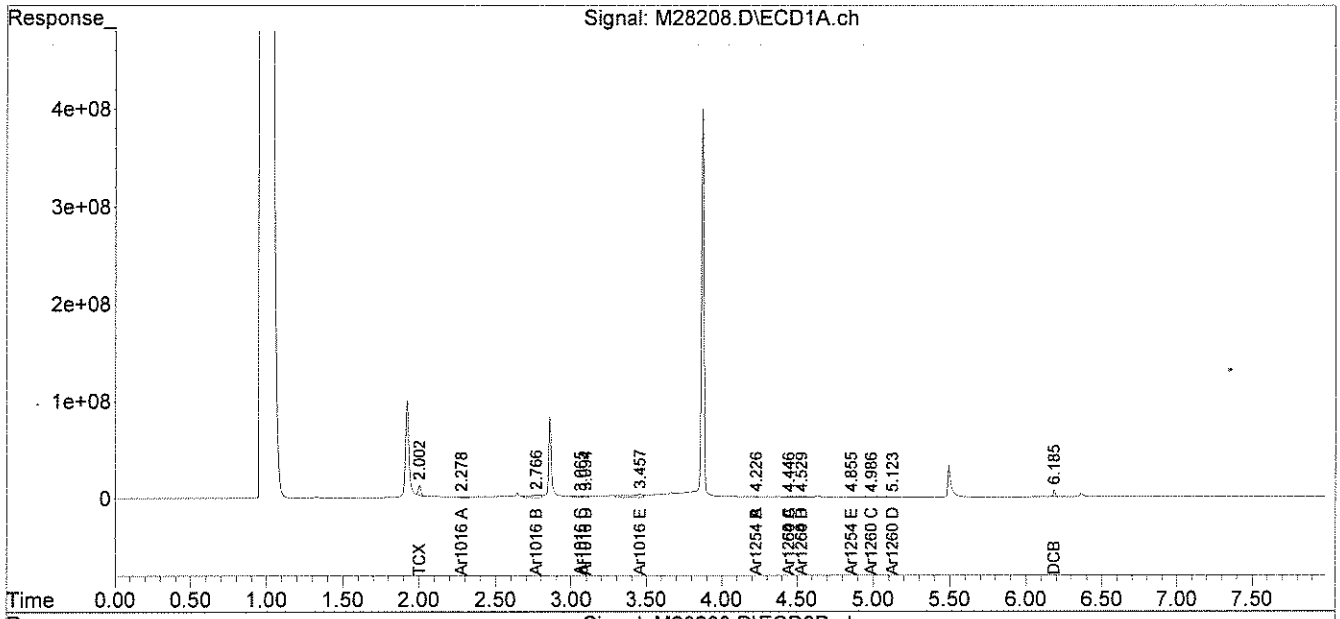
Quantitation Report (QT Reviewed)

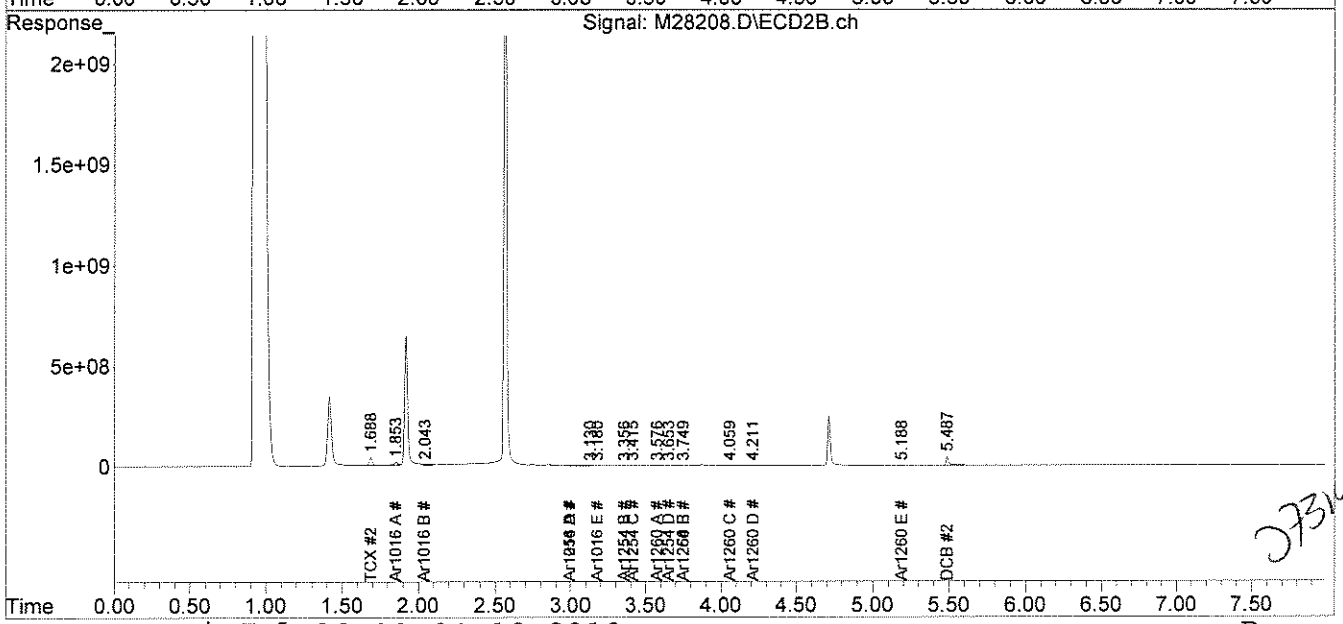
Data Path : C:\msdchem\1\DATA\072910-M\
Data File : M28208.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jul 2010 5:21 pm
Operator : JK
Sample : 67353-1
Misc :
ALS Vial : 15 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 30 11:04:08 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

JL 07-30-10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





67310

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 30, 2010

SAMPLE DATA

Lab Sample ID:	67353-2
Matrix:	Solid
Percent Solid:	93
Dilution Factor:	1.1
Collection Date:	07/26/10
Lab Receipt Date:	07/27/10
Extraction Date:	07/27/10
Analysis Date:	07/28/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-182

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	36	U
PCB-1221	36	U
PCB-1232	36	U
PCB-1242	36	U
PCB-1248	36	U
PCB-1254	36	U
PCB-1260	36	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	93	%
Decachlorobiphenyl	72	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

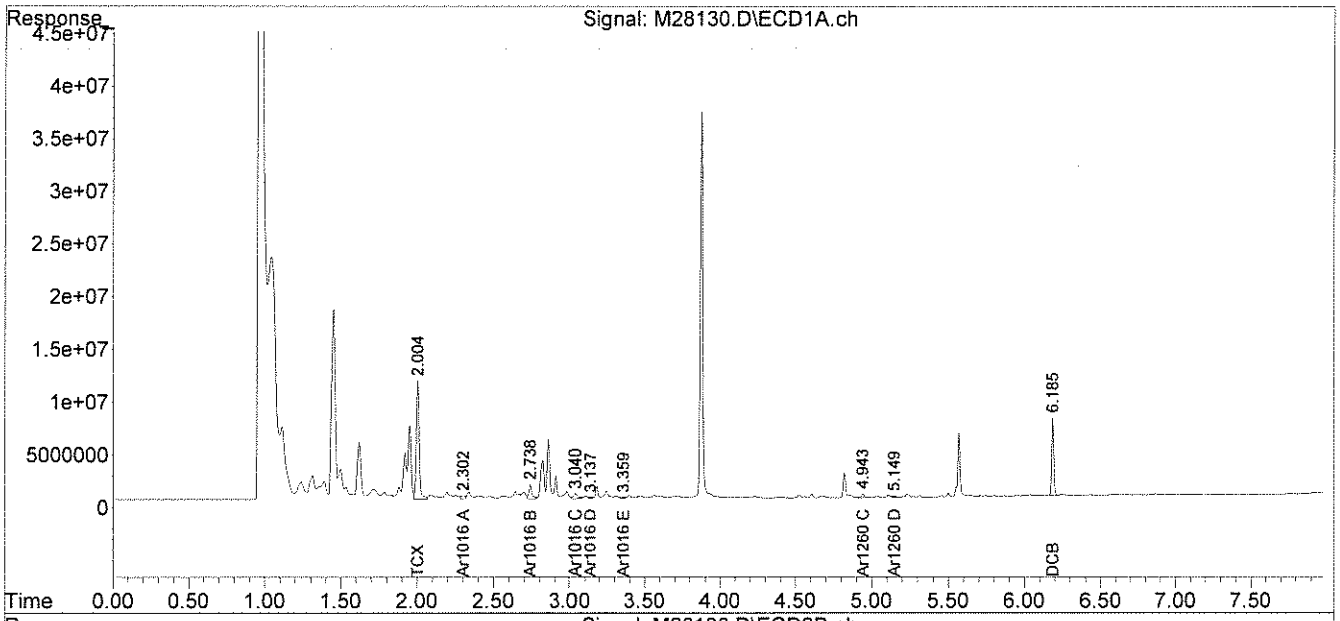
Authorized signature

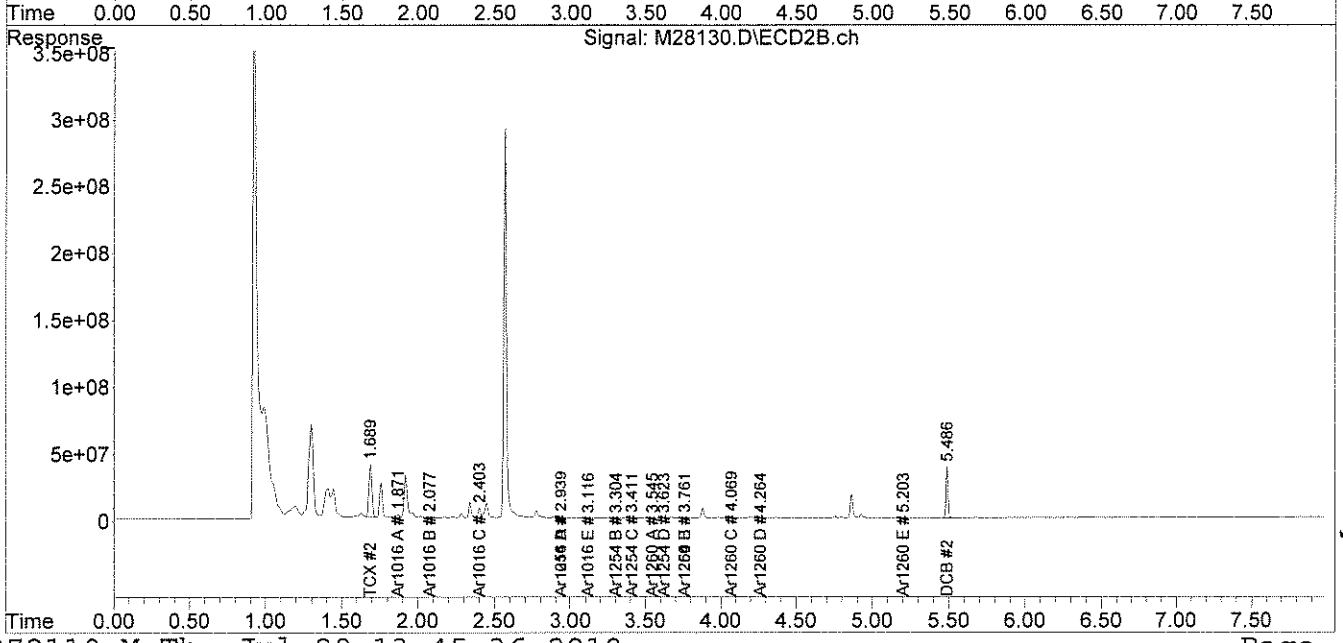
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\072810-M\
Data File : M28130.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jul 2010 11:13 pm
Operator : JK
Sample : 67353-2,,A/C
Misc : SOIL
ALS Vial : 47 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 29 13:45:36 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides 07.28.10
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





573010

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 30, 2010

SAMPLE DATA

Lab Sample ID:	67353-3
Matrix:	Solid
Percent Solid:	93
Dilution Factor:	1.1
Collection Date:	07/26/10
Lab Receipt Date:	07/27/10
Extraction Date:	07/27/10
Analysis Date:	07/28/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-183

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	36	U
PCB-1221	36	U
PCB-1232	36	U
PCB-1242	36	U
PCB-1248	36	U
PCB-1254	36	**136**
PCB-1260	36	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	88	%
Decachlorobiphenyl	74	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67353
Sample: 67353-3,,A/C
Data File: M28131.D
Dilution Factor: 1.1

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	136	136	0.2	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

PCB FORM 10

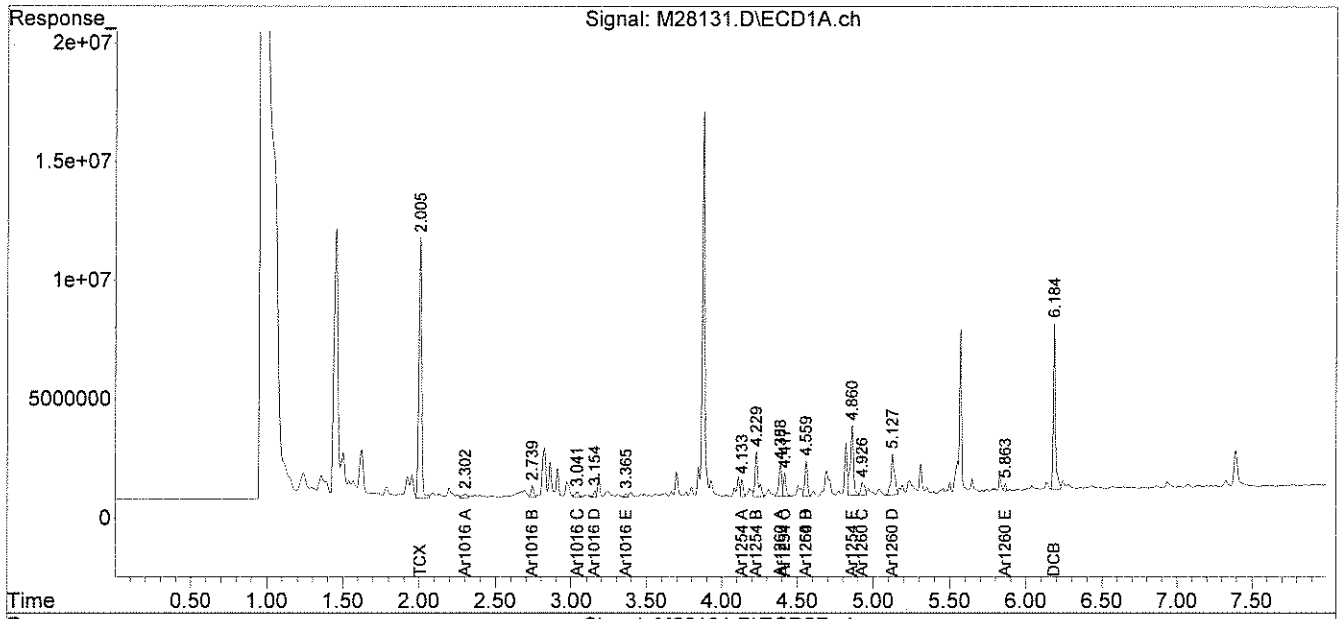
Quantitation Report (Not Reviewed)

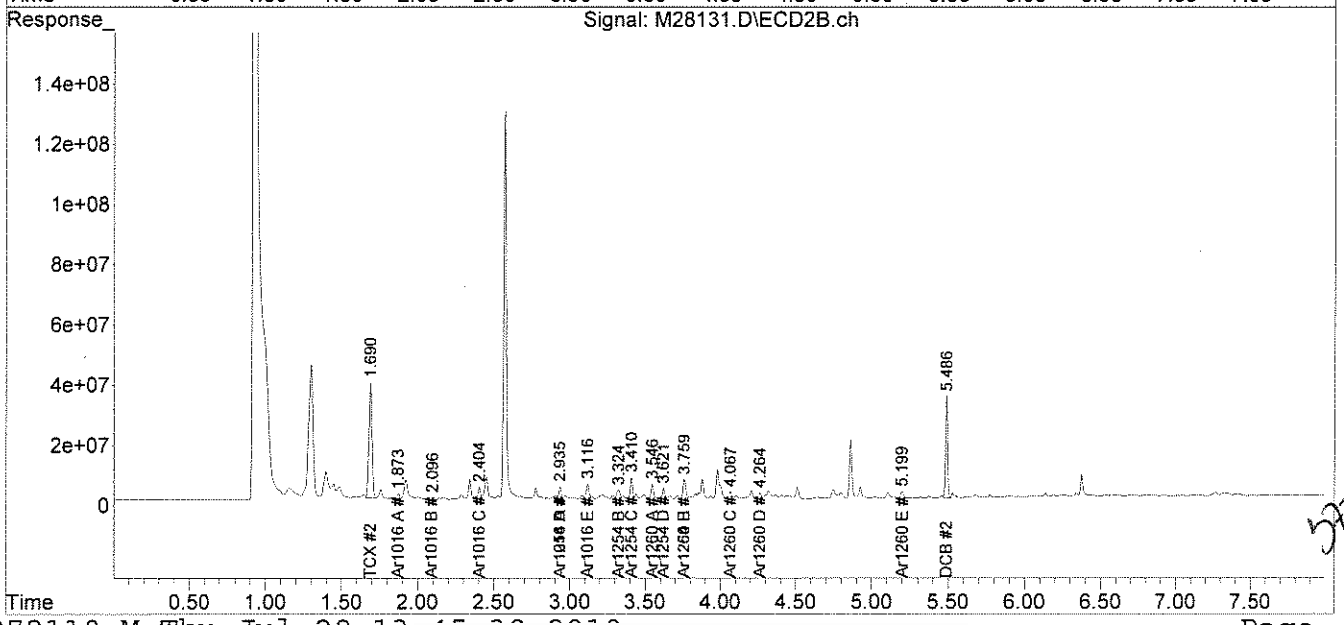
Data Path : C:\msdchem\1\DATA\072810-M\
Data File : M28131.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jul 2010 11:24 pm
Operator : JK
Sample : 67353-3,,A/C
Misc : SOIL
ALS Vial : 48 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 29 13:45:38 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

JR 07.29.10

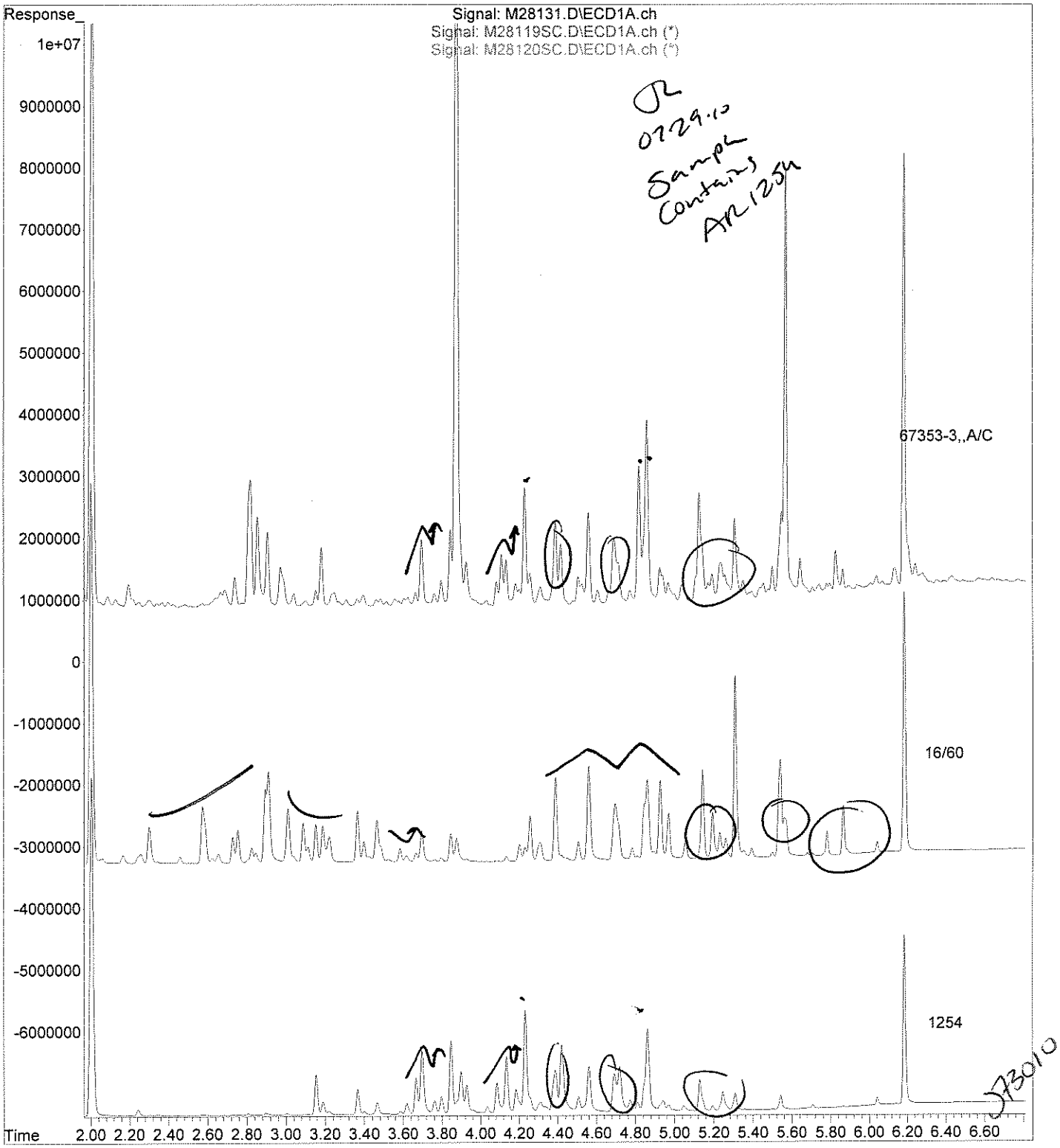
Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





573010

File :C:\msdchem\1\DATA\072810-M\M28131.D
Operator : JK
Acquired : 28 Jul 2010 11:24 pm using AcqMethod PEST.M
Instrument : Instrument M
Sample Name: 67353-3,,A/C
Misc Info : SOIL
Vial Number: 48



analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 30, 2010

SAMPLE DATA

Lab Sample ID:	67353-4
Matrix:	Solid
Percent Solid:	93
Dilution Factor:	1.1
Collection Date:	07/26/10
Lab Receipt Date:	07/27/10
Extraction Date:	07/27/10
Analysis Date:	07/28/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-184

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	36	U
PCB-1221	36	U
PCB-1232	36	U
PCB-1242	36	U
PCB-1248	36	U
PCB-1254	36	**274**
PCB-1260	36	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	88	%
Decachlorobiphenyl	70	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67353
Sample: 67353-4,,A/C
Data File: M28132.D
Dilution Factor: 1.1

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	274	220	22.1	

Column to be used to flag RPD values greater than QC limit of 40%
* Values outside QC limits

Comments: _____

PCB FORM 10

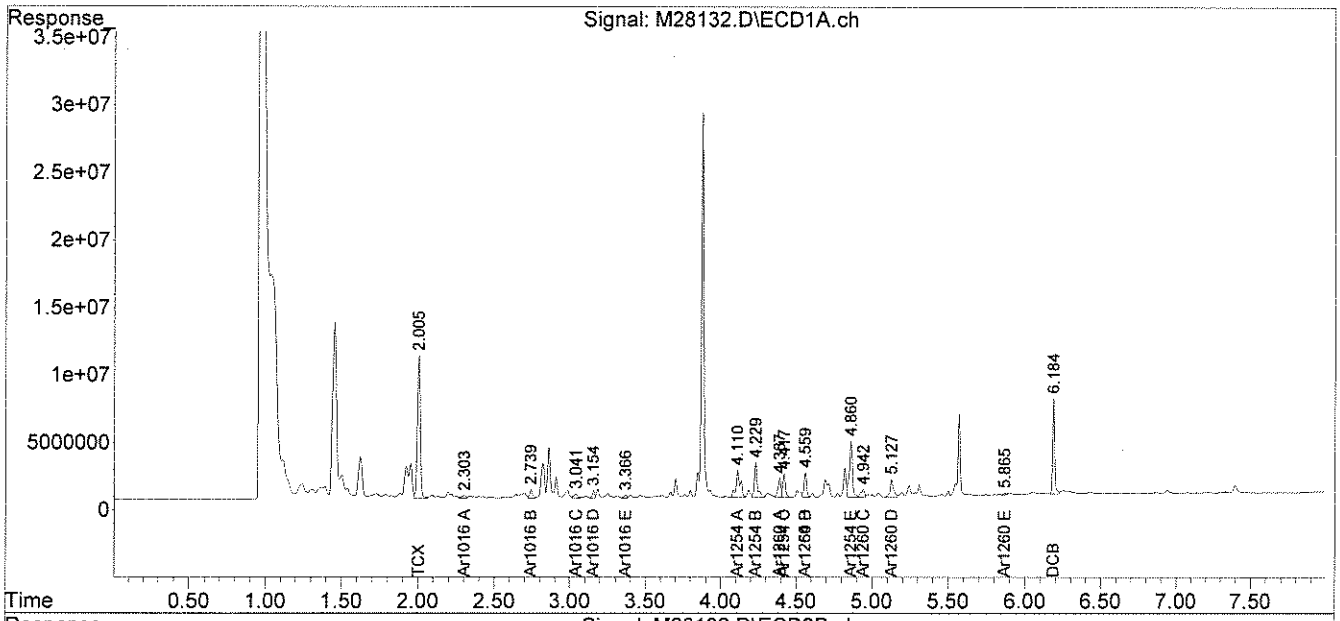
Quantitation Report (Not Reviewed)

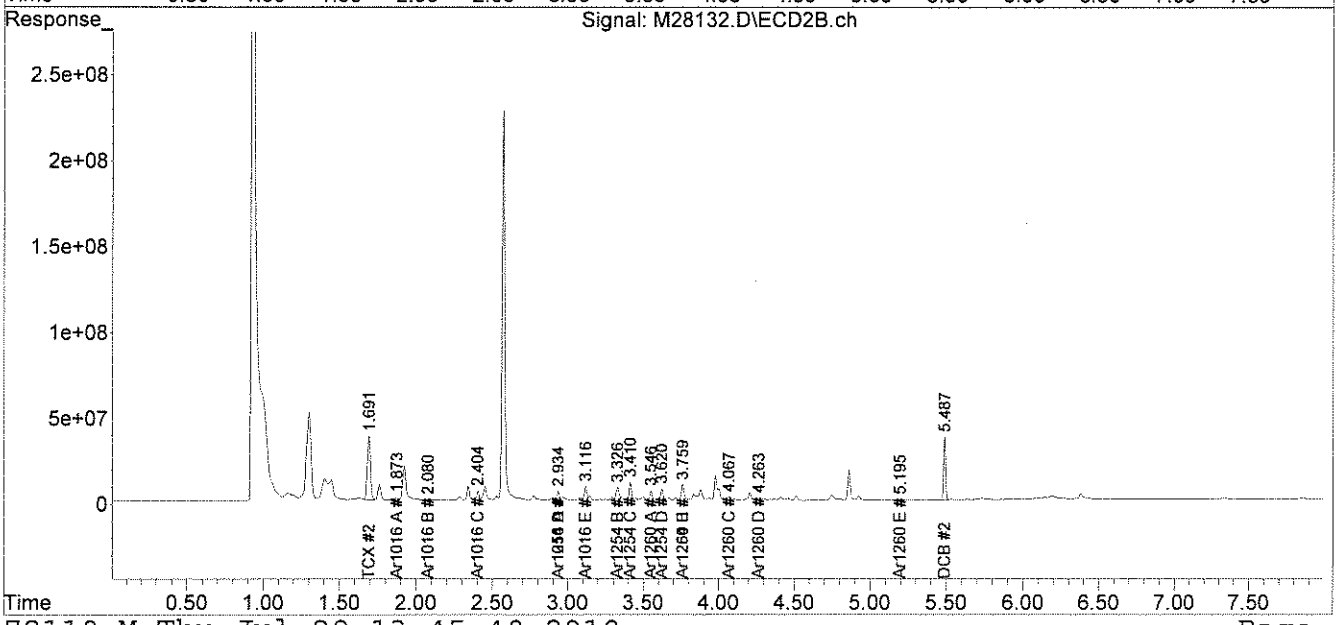
Data Path : C:\msdchem\1\DATA\072810-M\
Data File : M28132.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jul 2010 11:34 pm
Operator : JK
Sample : 67353-4,,A/C
Misc : SOIL
ALS Vial : 49 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 29 13:45:40 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

07.29.10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





67301

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 30, 2010

SAMPLE DATA

Lab Sample ID:	67353-5
Matrix:	Solid
Percent Solid:	94
Dilution Factor:	1.0
Collection Date:	07/26/10
Lab Receipt Date:	07/27/10
Extraction Date:	07/27/10
Analysis Date:	07/28/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-185

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	98	%
Decachlorobiphenyl	72	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

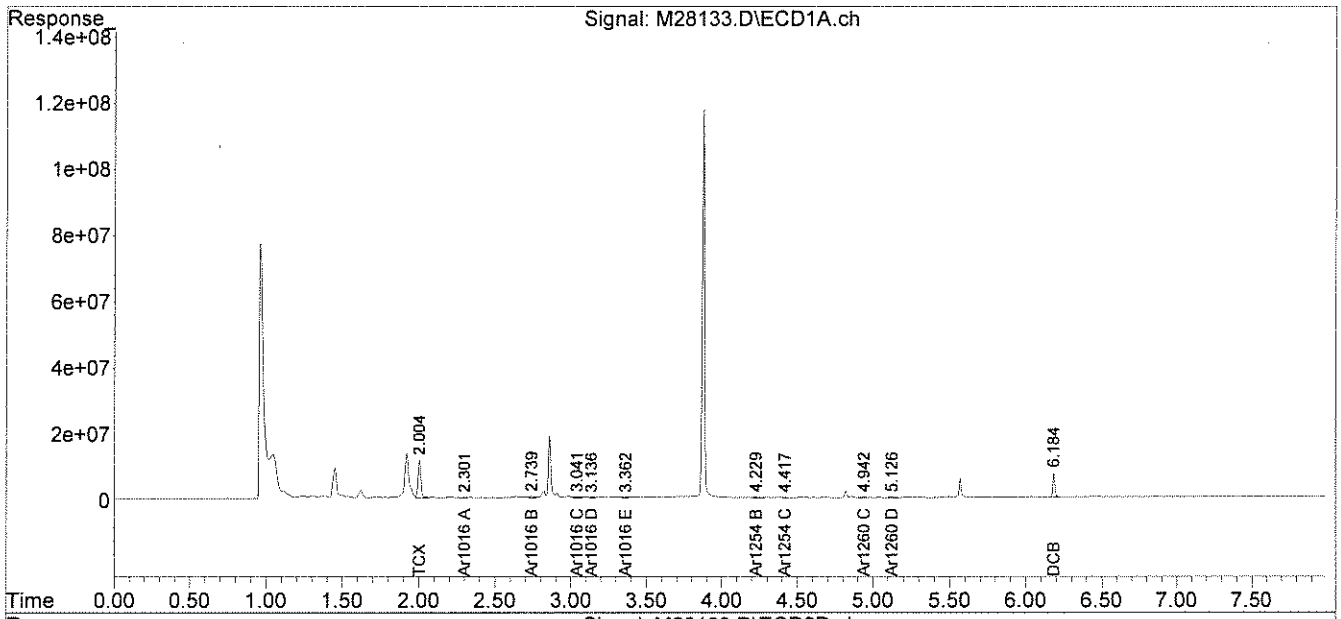
Quantitation Report (Not Reviewed)

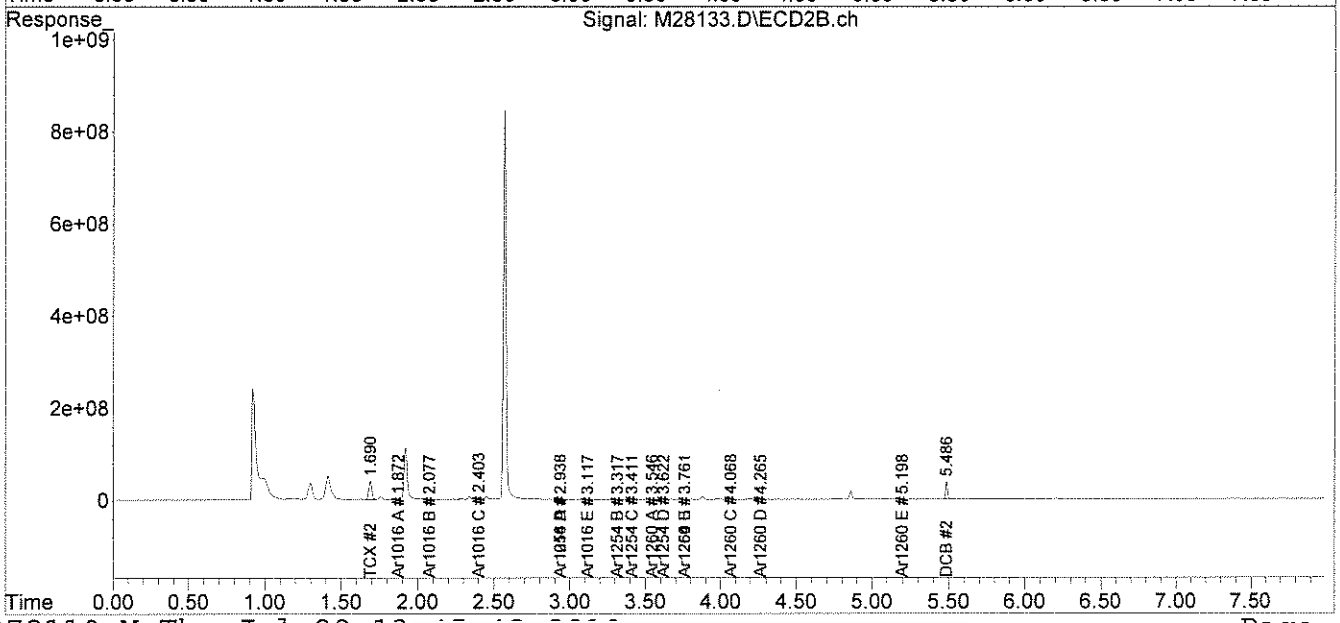
Data Path : C:\msdchem\1\DATA\072810-M\
Data File : M28133.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jul 2010 11:44 pm
Operator : JK
Sample : 67353-5,,A/C
Misc : SOIL
ALS Vial : 50 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 29 13:45:42 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

07.22.10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





073010

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 30, 2010

SAMPLE DATA

Lab Sample ID:	67353-6
Matrix:	Solid
Percent Solid:	94
Dilution Factor:	1.0
Collection Date:	07/26/10
Lab Receipt Date:	07/27/10
Extraction Date:	07/27/10
Analysis Date:	07/28/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-186

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	103	%
Decachlorobiphenyl	73	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

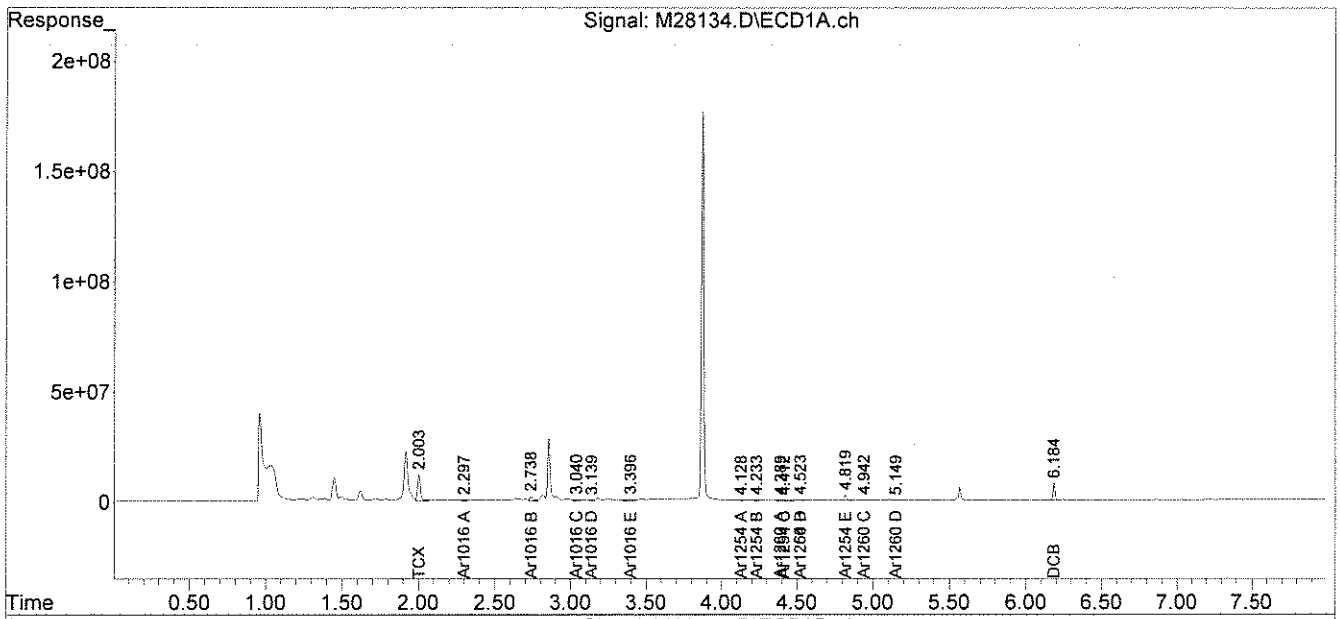
Quantitation Report (Not Reviewed)

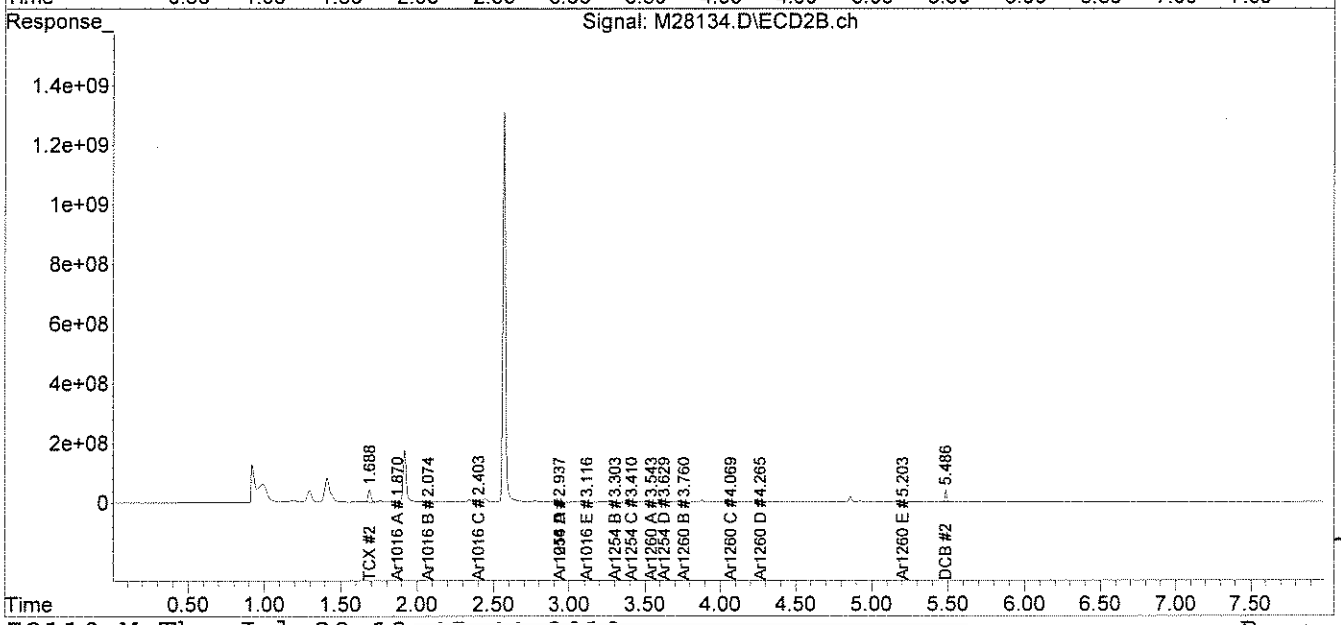
Data Path : C:\msdchem\1\DATA\072810-M\
Data File : M28134.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jul 2010 11:55 pm
Operator : JK
Sample : 67353-6,,A/C
Misc : SOIL
ALS Vial : 51 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 29 13:45:44 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

JL 07.29.10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





373010

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 30, 2010

SAMPLE DATA

Lab Sample ID:	67353-7
Matrix:	Solid
Percent Solid:	94
Dilution Factor:	1.1
Collection Date:	07/26/10
Lab Receipt Date:	07/27/10
Extraction Date:	07/27/10
Analysis Date:	07/29/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-187

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	36	U
PCB-1221	36	U
PCB-1232	36	U
PCB-1242	36	U
PCB-1248	36	U
PCB-1254	36	**179**
PCB-1260	36	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	87	%
Decachlorobiphenyl	74	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67353
Sample: 67353-7,,A/C
Data File: M28135.D
Dilution Factor: 1.1

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	179	195	8.3	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

PCB FORM 10

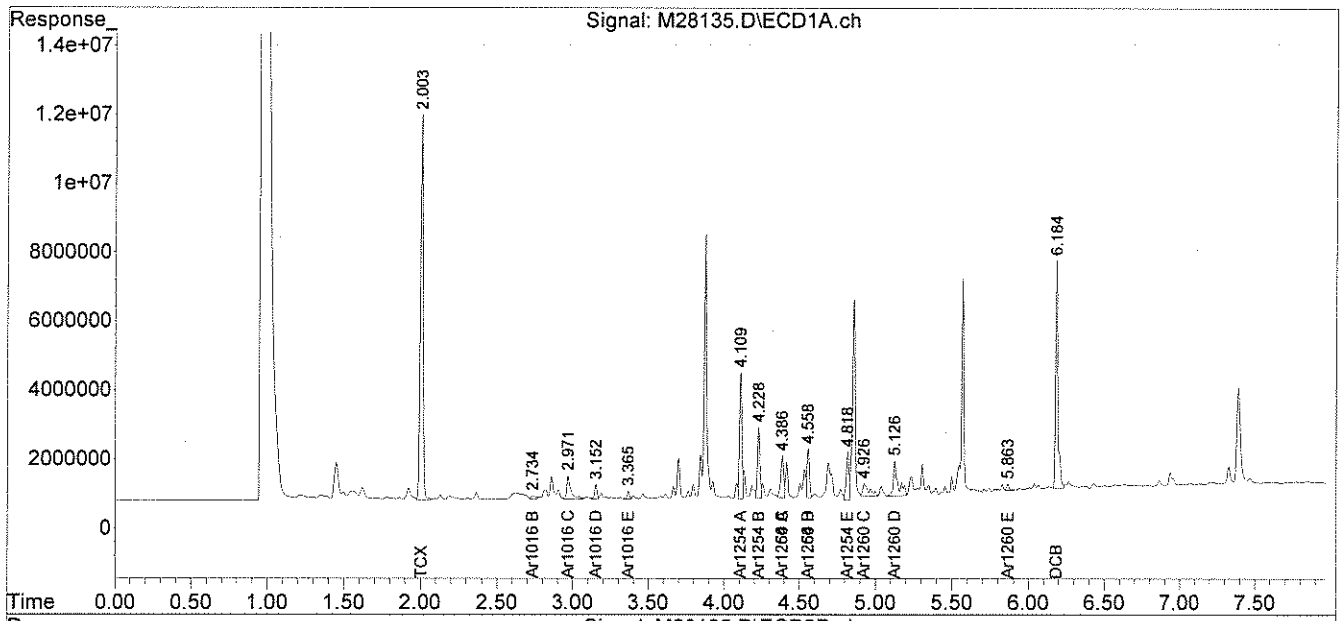
Quantitation Report (QT Reviewed)

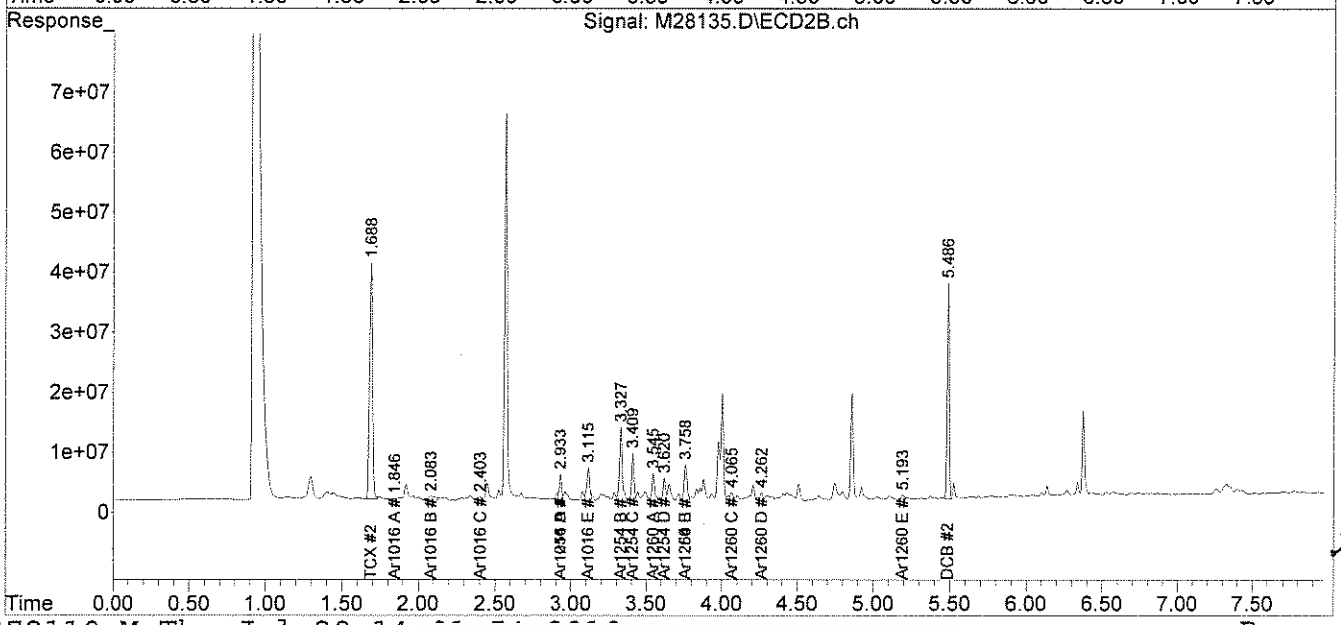
Data Path : C:\msdchem\1\DATA\072810-M\
Data File : M28135.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jul 2010 12:05 am
Operator : JK
Sample : 67353-7,,A/C
Misc : SOIL
ALS Vial : 52 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 29 14:01:43 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um

JL 07.29.10





573010

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 30, 2010

SAMPLE DATA

Lab Sample ID:	67353-8
Matrix:	Solid
Percent Solid:	94
Dilution Factor:	1.1
Collection Date:	07/26/10
Lab Receipt Date:	07/27/10
Extraction Date:	07/27/10
Analysis Date:	07/29/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-188

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	36	U
PCB-1221	36	U
PCB-1232	36	U
PCB-1242	36	U
PCB-1248	36	U
PCB-1254	36	**251**
PCB-1260	36	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	90	%
Decachlorobiphenyl	72	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67353
Sample: 67353-8,,A/C
Data File: M28136.D
Dilution Factor: 1.1

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	251	220	13.2	

Column to be used to flag RPD values greater than QC limit of 40%
* Values outside QC limits

Comments: _____

PCB FORM 10

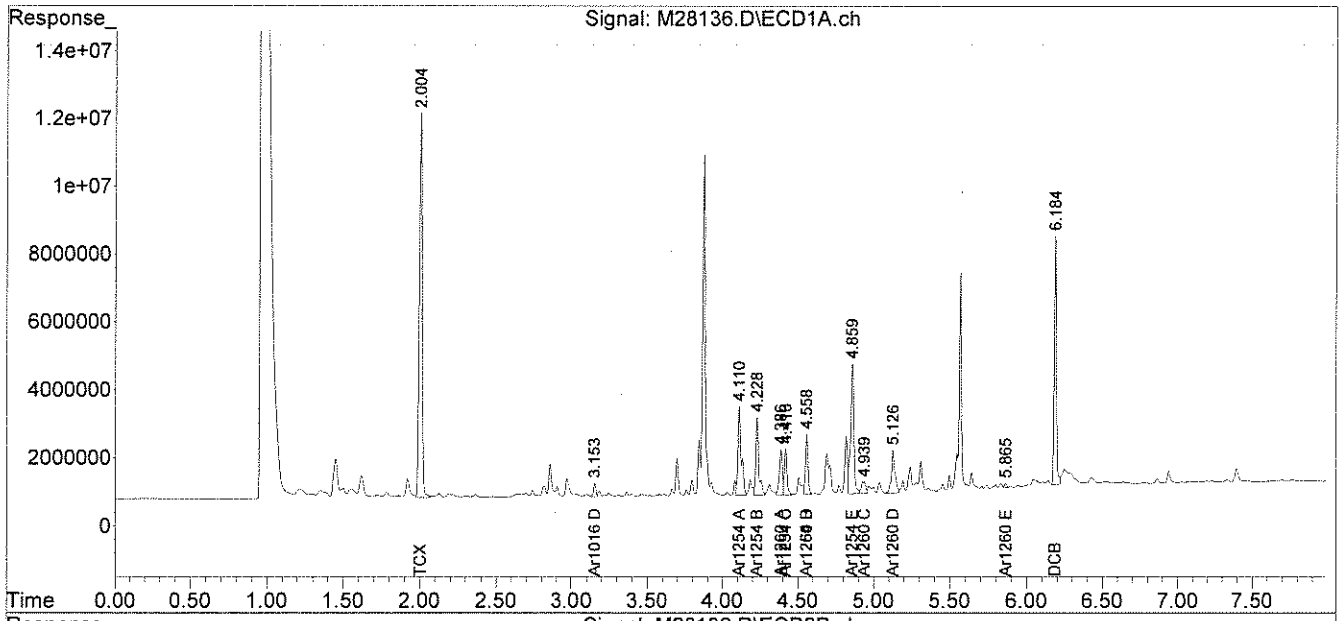
Quantitation Report (Not Reviewed)

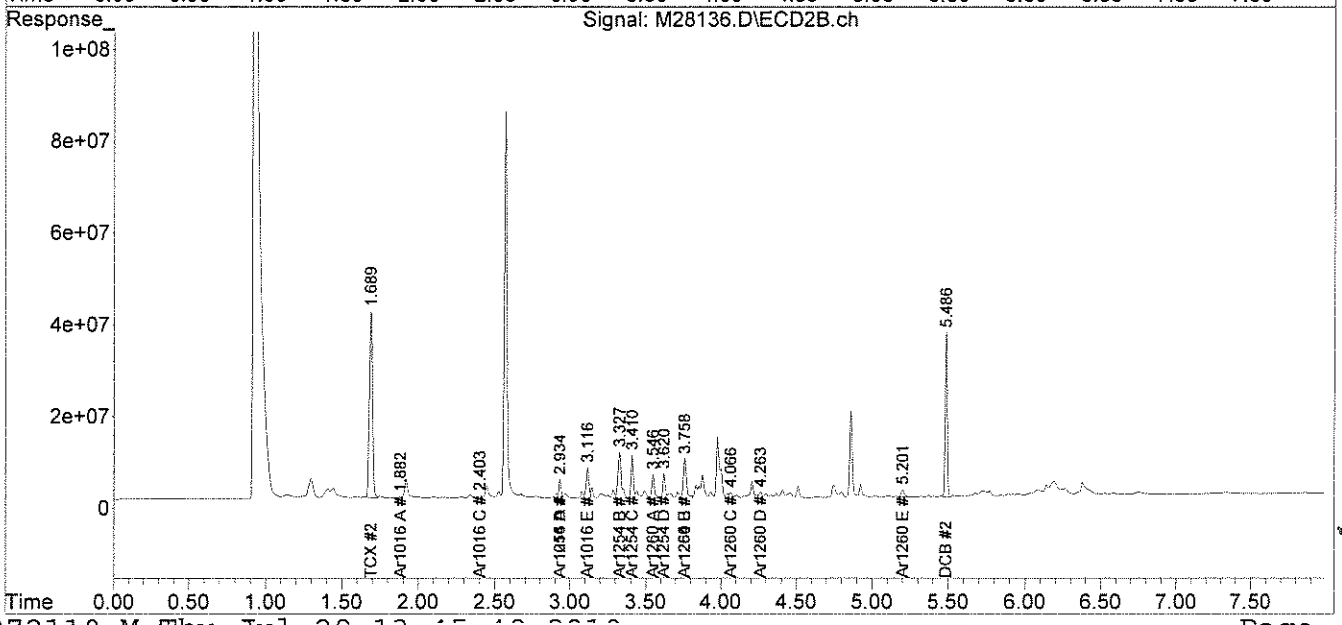
Data Path : C:\msdchem\1\DATA\072810-M\
Data File : M28136.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jul 2010 12:15 am
Operator : JK
Sample : 67353-8,,A/C
Misc : SOIL
ALS Vial : 53 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 29 13:45:49 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

JL 07-29-10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





37300

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 30, 2010

SAMPLE DATA

Lab Sample ID:	67353-9
Matrix:	Solid
Percent Solid:	94
Dilution Factor:	1.0
Collection Date:	07/26/10
Lab Receipt Date:	07/27/10
Extraction Date:	07/27/10
Analysis Date:	07/29/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-189

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	93	%
Decachlorobiphenyl	74	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

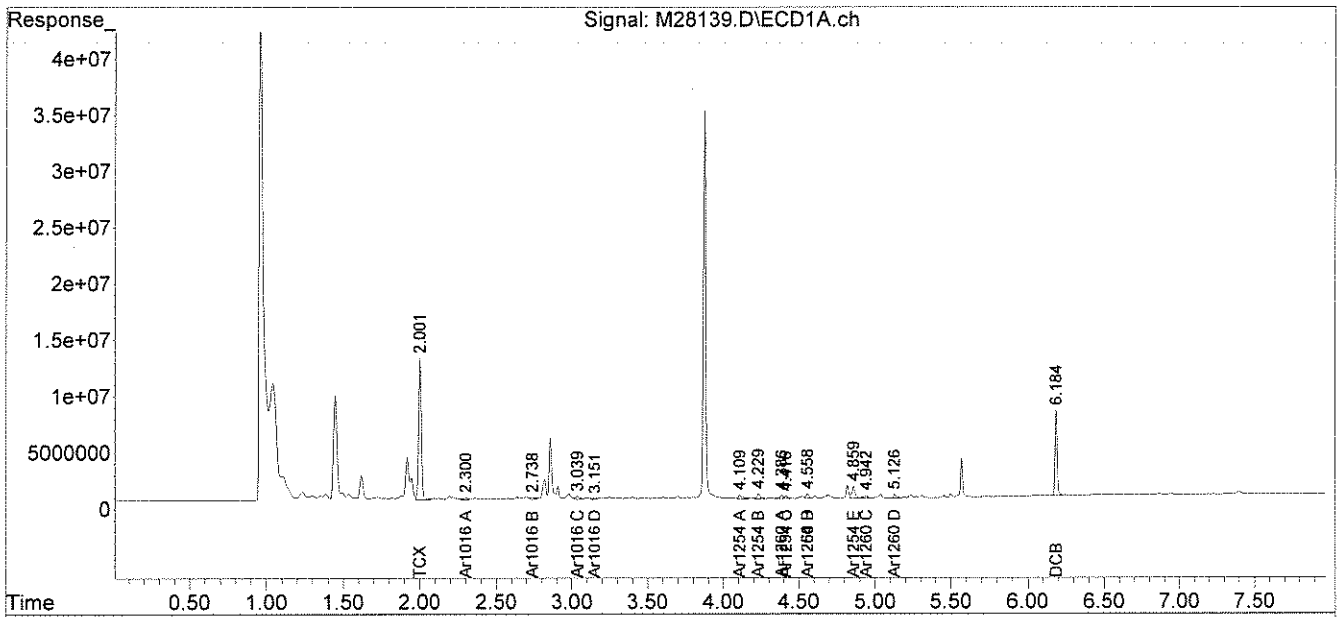
Quantitation Report (Not Reviewed)

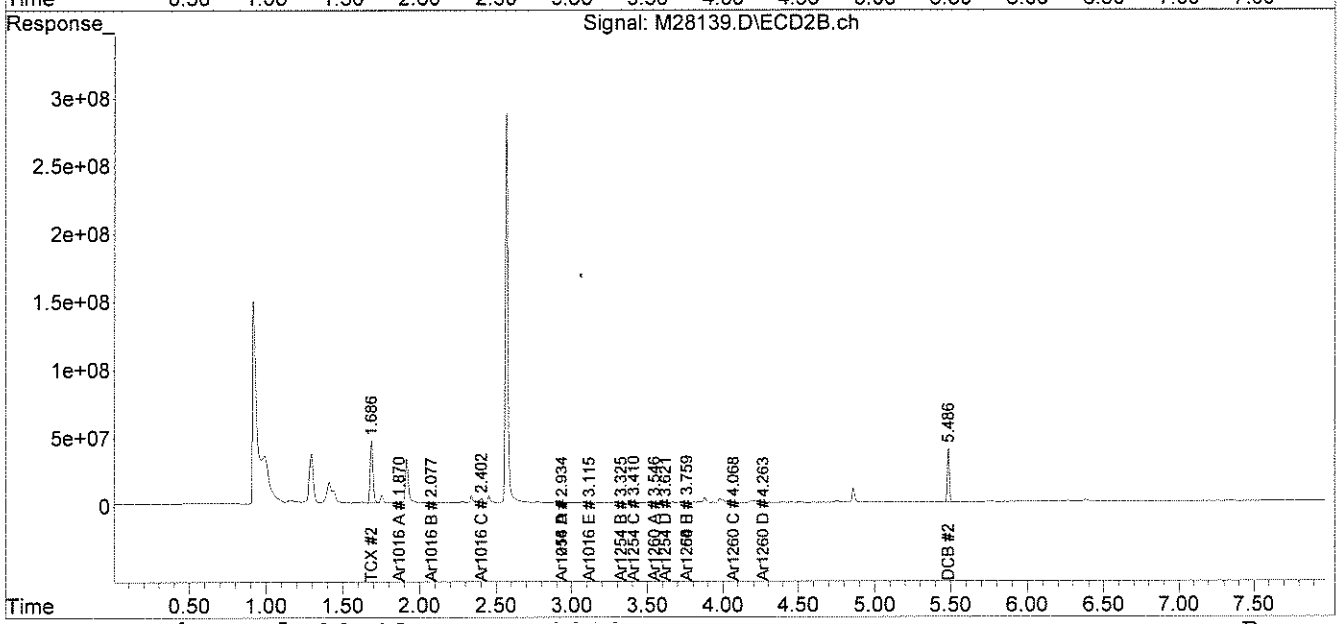
Data Path : C:\msdchem\1\DATA\072810-M\
Data File : M28139.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jul 2010 12:46 am
Operator : JK
Sample : 67353-9,,A/C
Misc : SOIL
ALS Vial : 56 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 29 13:45:55 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um

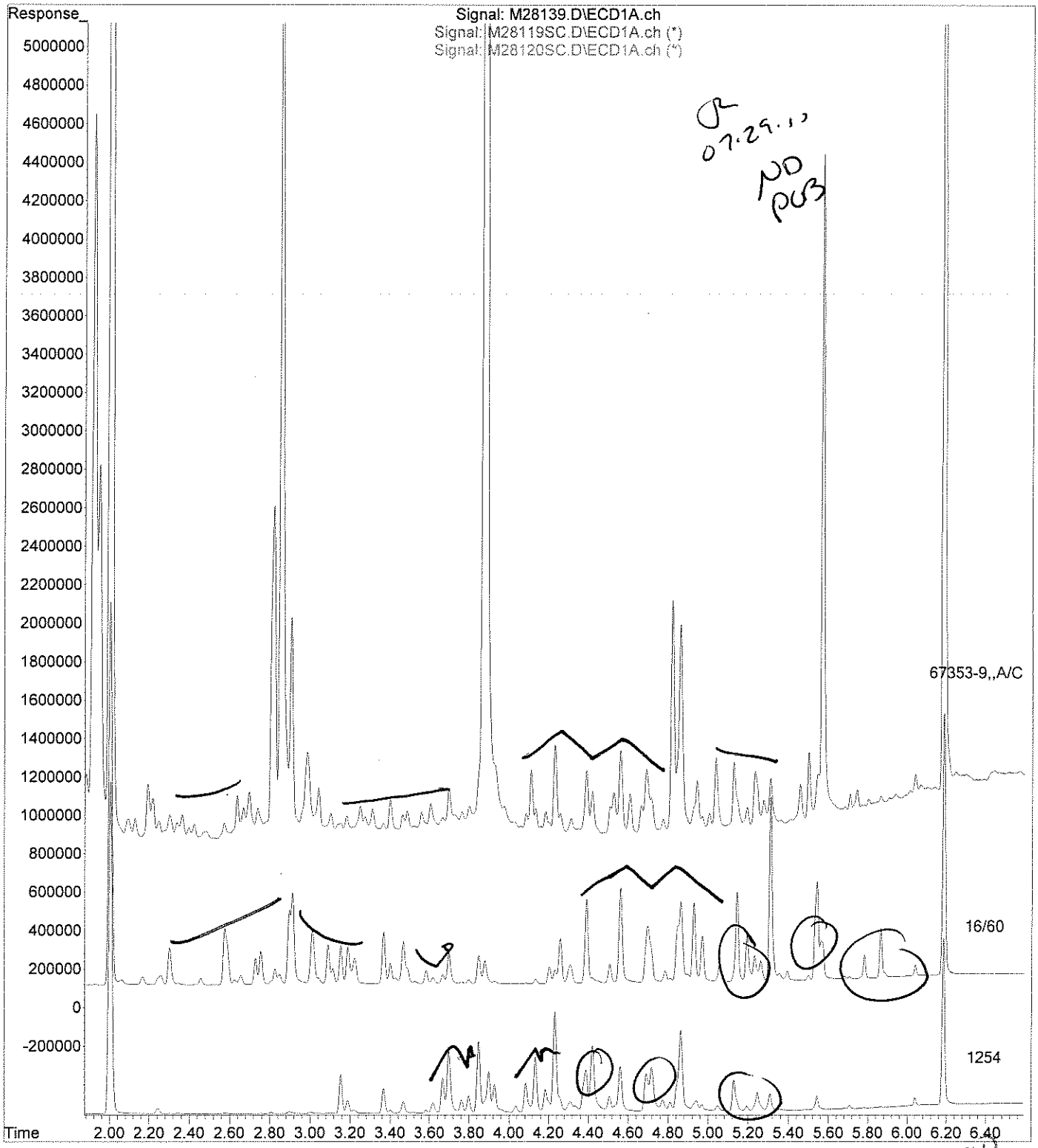
JL 07.22.13





373010

File :C:\msdchem\1\DATA\072810-M\M28139.D
Operator : JK
Acquired : 29 Jul 2010 12:46 am using AcqMethod PEST.M
Instrument : Instrument M
Sample Name: 67353-9,,A/C
Misc Info : SOIL
Vial Number: 56



analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 30, 2010

SAMPLE DATA

Lab Sample ID:	67353-10
Matrix:	Solid
Percent Solid:	94
Dilution Factor:	1.0
Collection Date:	07/26/10
Lab Receipt Date:	07/27/10
Extraction Date:	07/27/10
Analysis Date:	07/29/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-190

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	89	%
Decachlorobiphenyl	73	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

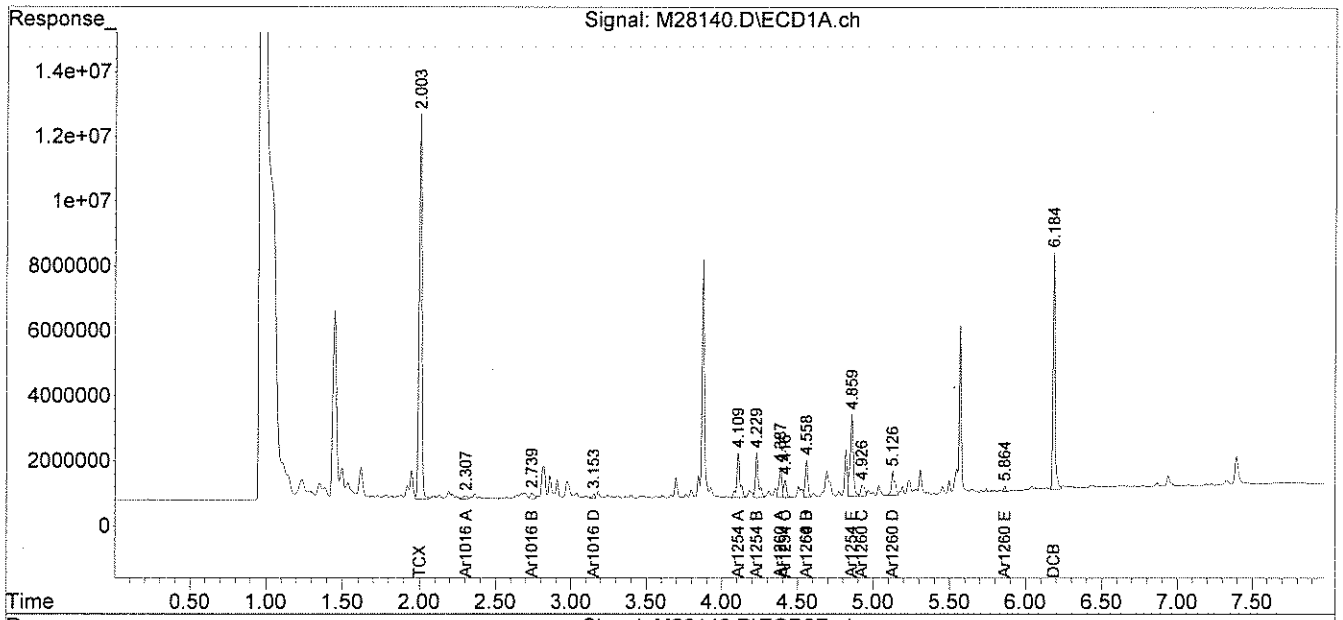
Quantitation Report (Not Reviewed)

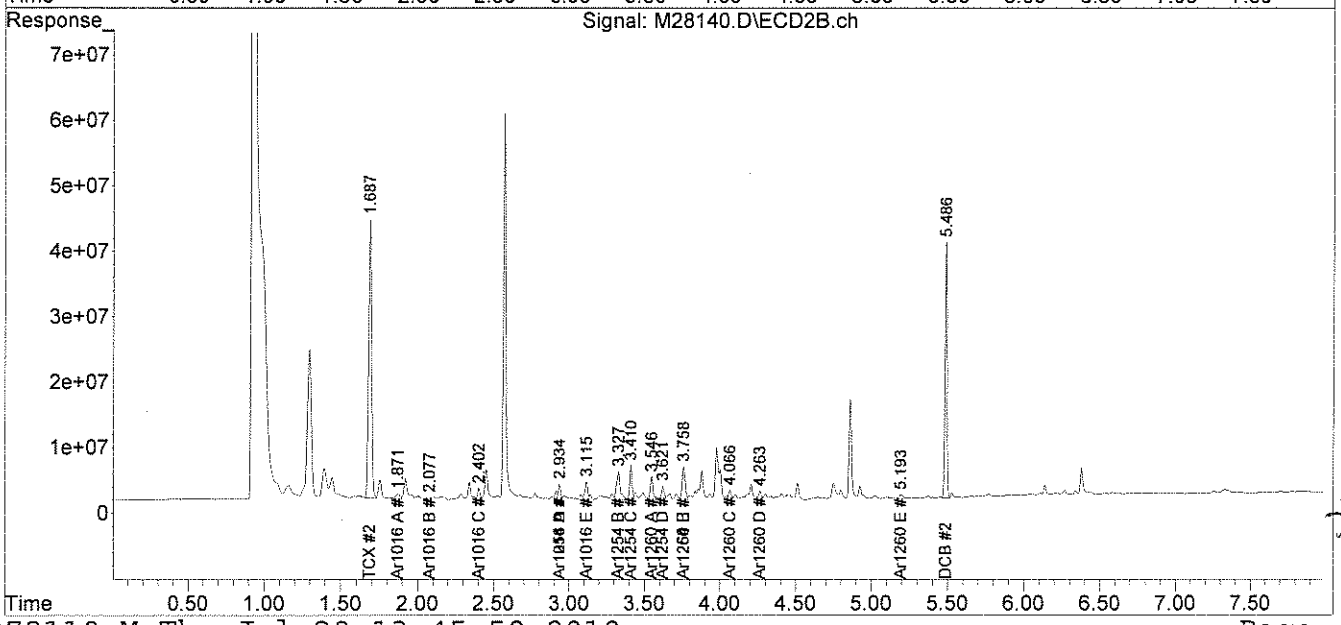
Data Path : C:\msdchem\1\DATA\072810-M\
Data File : M28140.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jul 2010 12:56 am
Operator : JK
Sample : 67353-10,,A/C
Misc : SOIL
ALS Vial : 57 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 29 13:45:58 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um

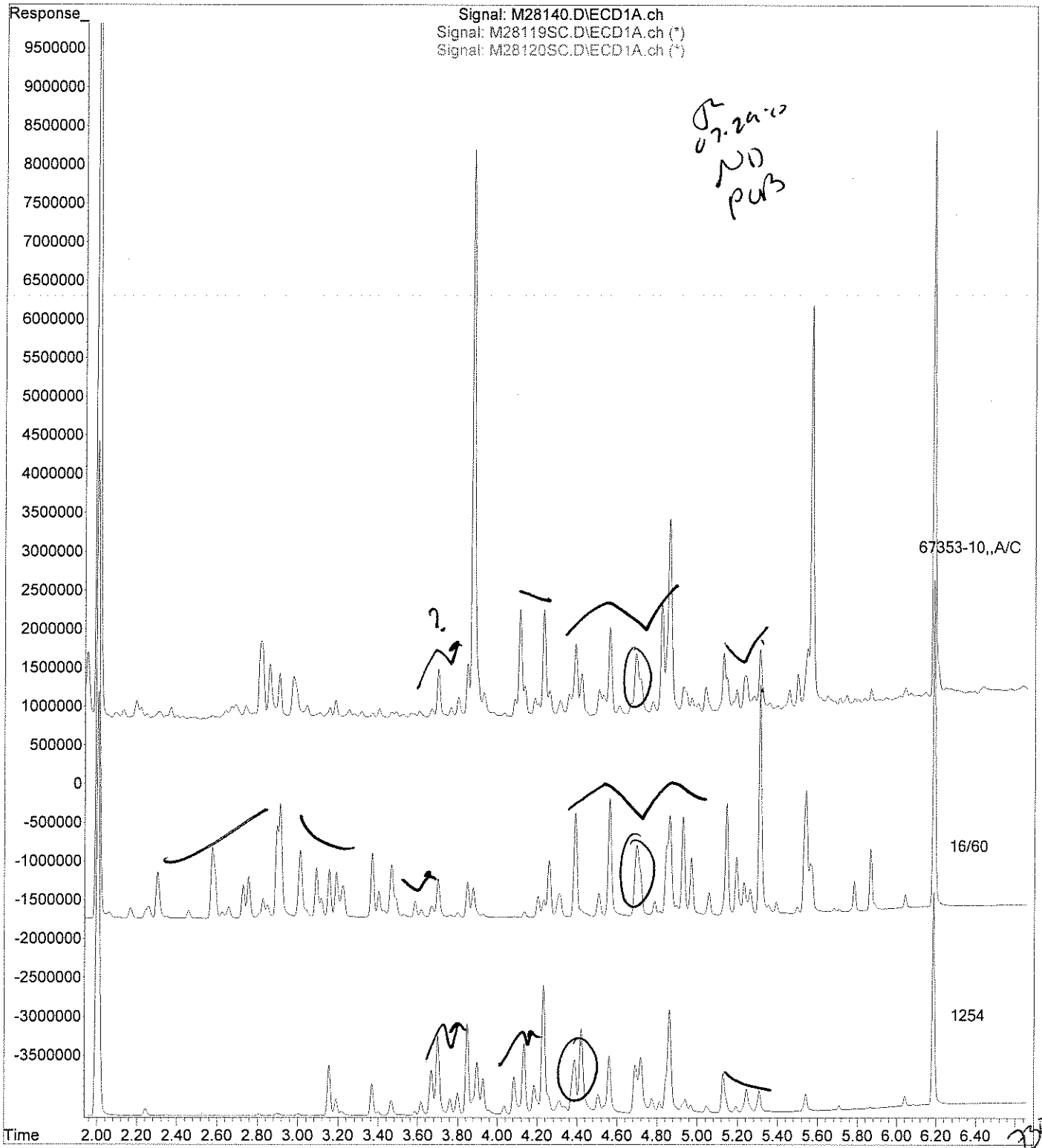
JR 07.29.10



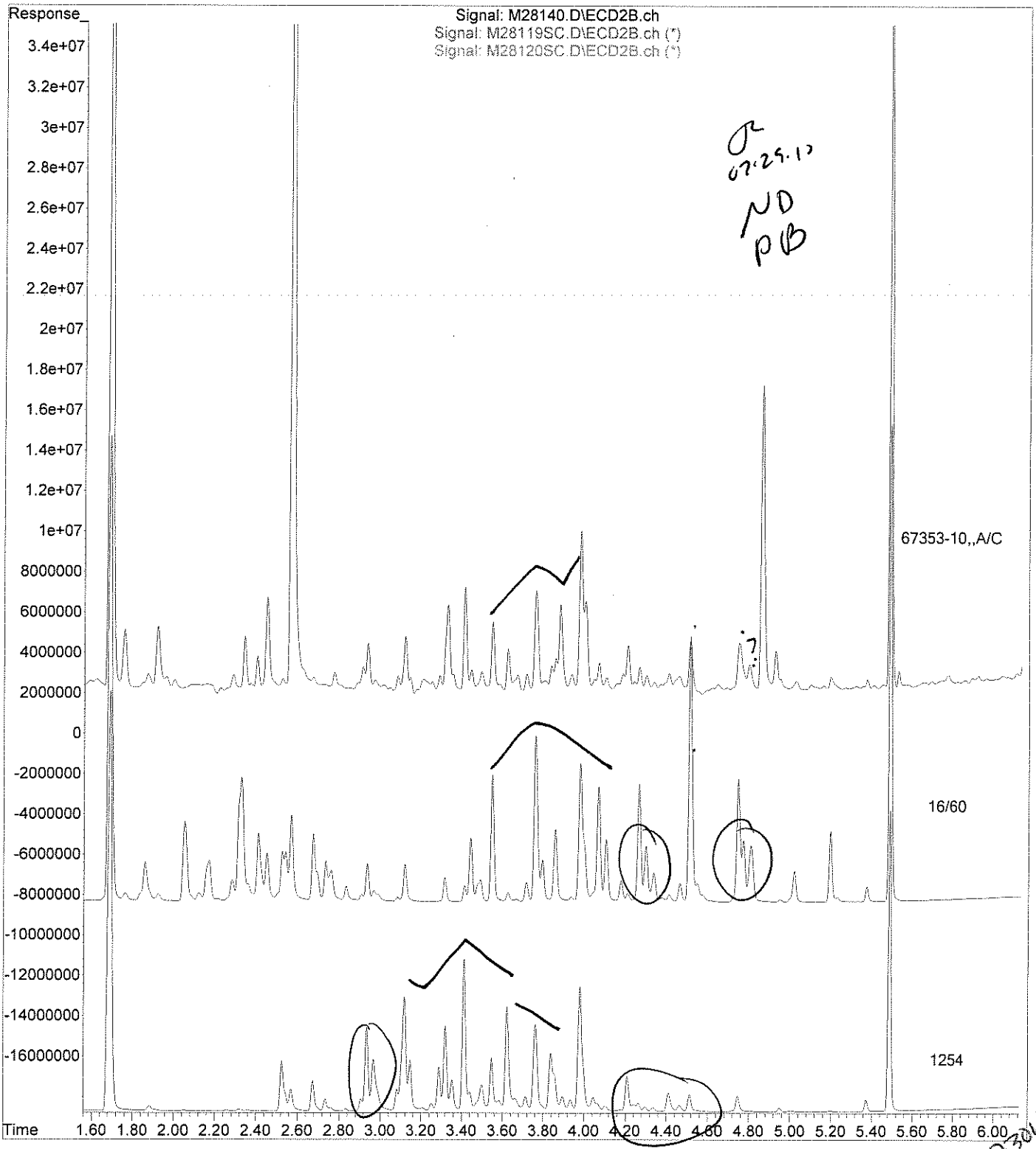


D73010

File :C:\msdchem\1\DATA\072810-M\M28140.D
Operator : JK
Acquired : 29 Jul 2010 12:56 am using AcqMethod PEST.M
Instrument : Instrument M
Sample Name: 67353-10,,A/C
Misc Info : SOIL
Vial Number: 57



File :C:\msdchem\1\DATA\072810-M\M28140.D
Operator : JK
Acquired : 29 Jul 2010 12:56 am using AcqMethod PEST.M
Instrument : Instrument M
Sample Name: 67353-10,,A/C
Misc Info : SOIL
Vial Number: 57



analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 30, 2010

SAMPLE DATA

Lab Sample ID:	67353-11
Matrix:	Solid
Percent Solid:	95
Dilution Factor:	1.0
Collection Date:	07/26/10
Lab Receipt Date:	07/27/10
Extraction Date:	07/27/10
Analysis Date:	07/29/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-191

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	90	%
Decachlorobiphenyl	72	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

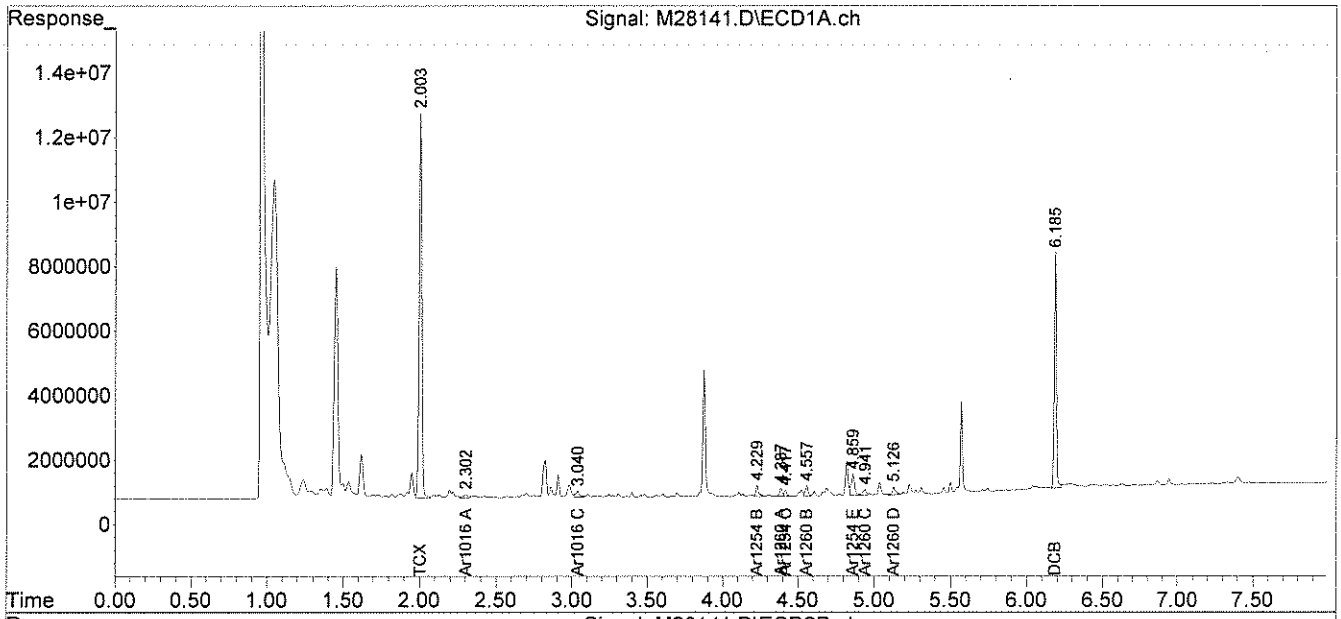
Quantitation Report (Not Reviewed)

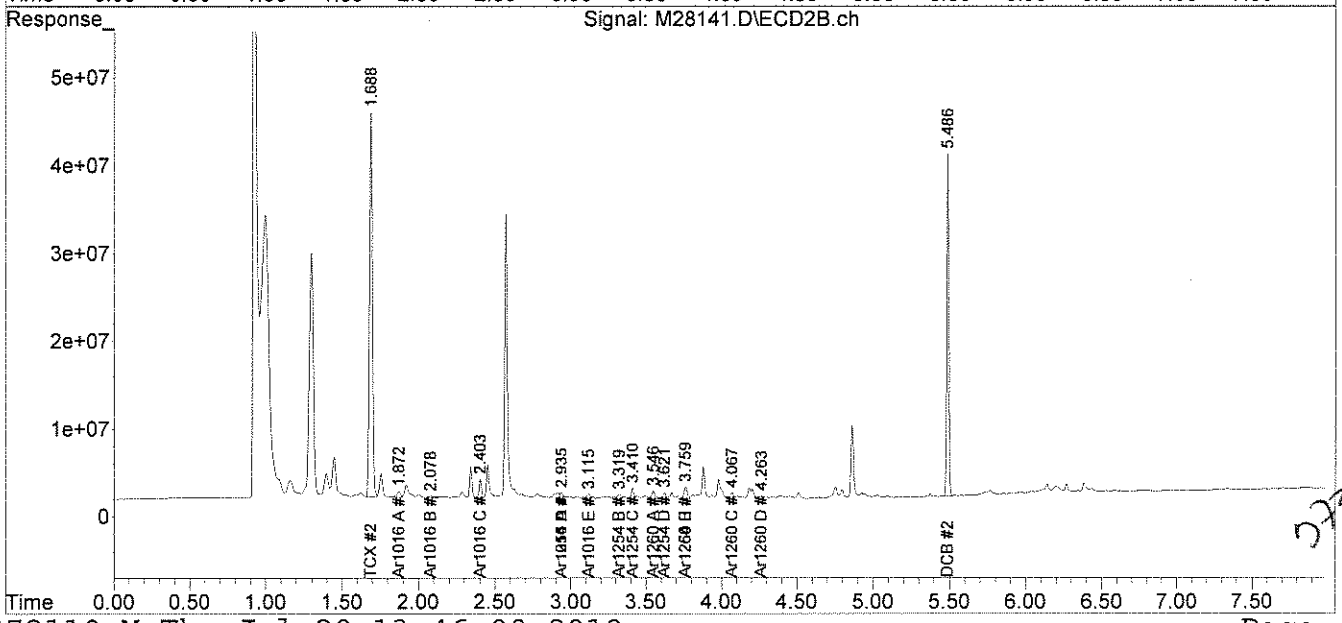
Data Path : C:\msdchem\1\DATA\072810-M\
Data File : M28141.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jul 2010 1:06 am
Operator : JK
Sample : 67353-11,,A/C
Misc : SOIL
ALS Vial : 58 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 29 13:46:00 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um

JR 07.29.10





073010

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 30, 2010

SAMPLE DATA

Lab Sample ID:	67353-12
Matrix:	Solid
Percent Solid:	95
Dilution Factor:	1.0
Collection Date:	07/26/10
Lab Receipt Date:	07/27/10
Extraction Date:	07/27/10
Analysis Date:	07/29/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-192

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	96	%
Decachlorobiphenyl	74	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

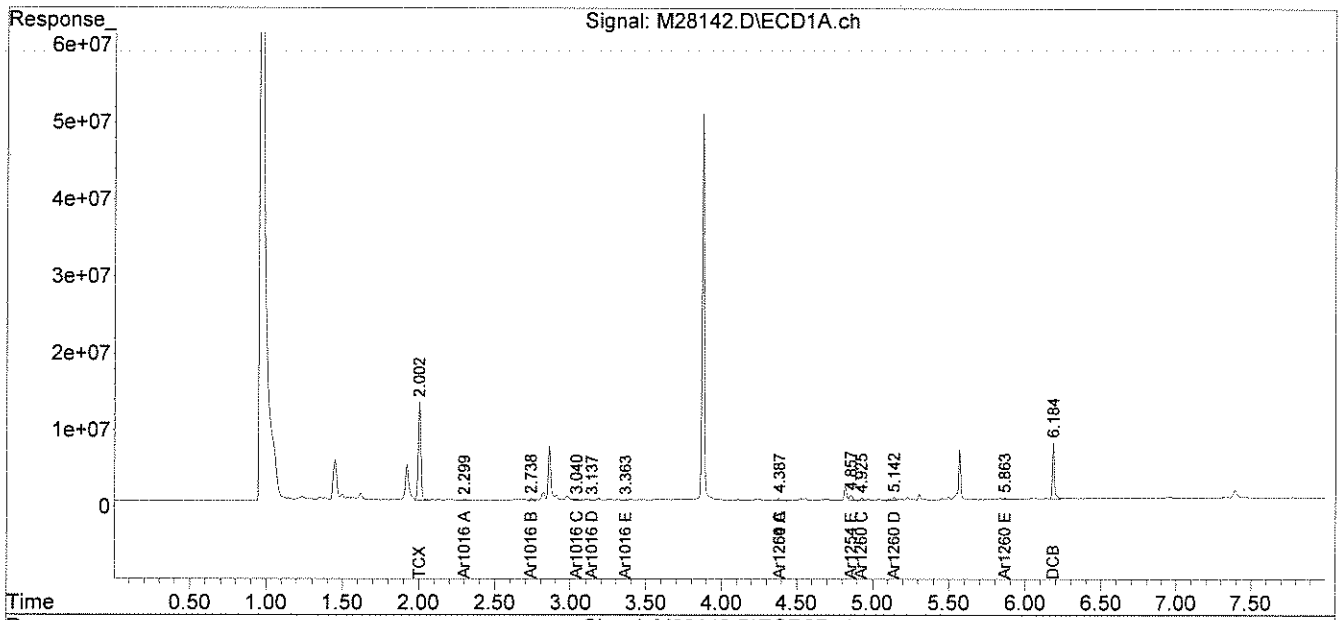
Quantitation Report (Not Reviewed)

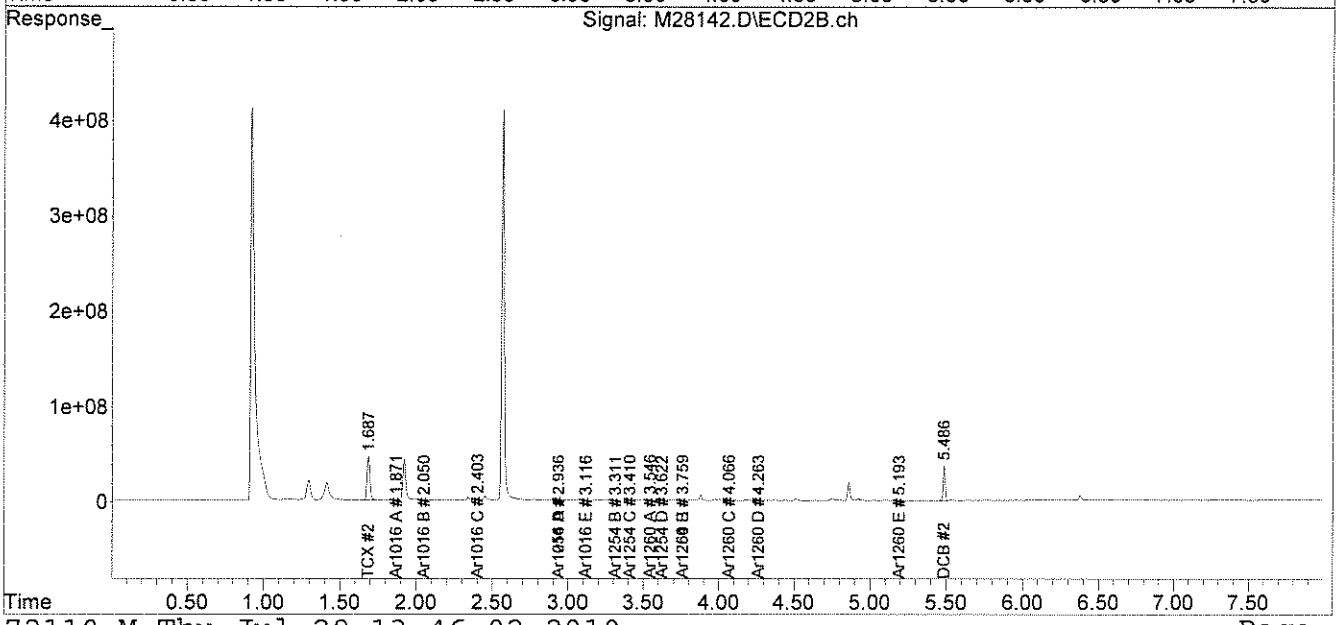
Data Path : C:\msdchem\1\DATA\072810-M\
Data File : M28142.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jul 2010 1:17 am
Operator : JK
Sample : 67353-12,,A/C
Misc : SOIL
ALS Vial : 59 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 29 13:46:02 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um

JR 07.29.10





53010

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 30, 2010

SAMPLE DATA

Lab Sample ID:	67353-13
Matrix:	Solid
Percent Solid:	92
Dilution Factor:	1.0
Collection Date:	07/26/10
Lab Receipt Date:	07/27/10
Extraction Date:	07/27/10
Analysis Date:	07/29/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-193

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	94	%
Decachlorobiphenyl	64	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

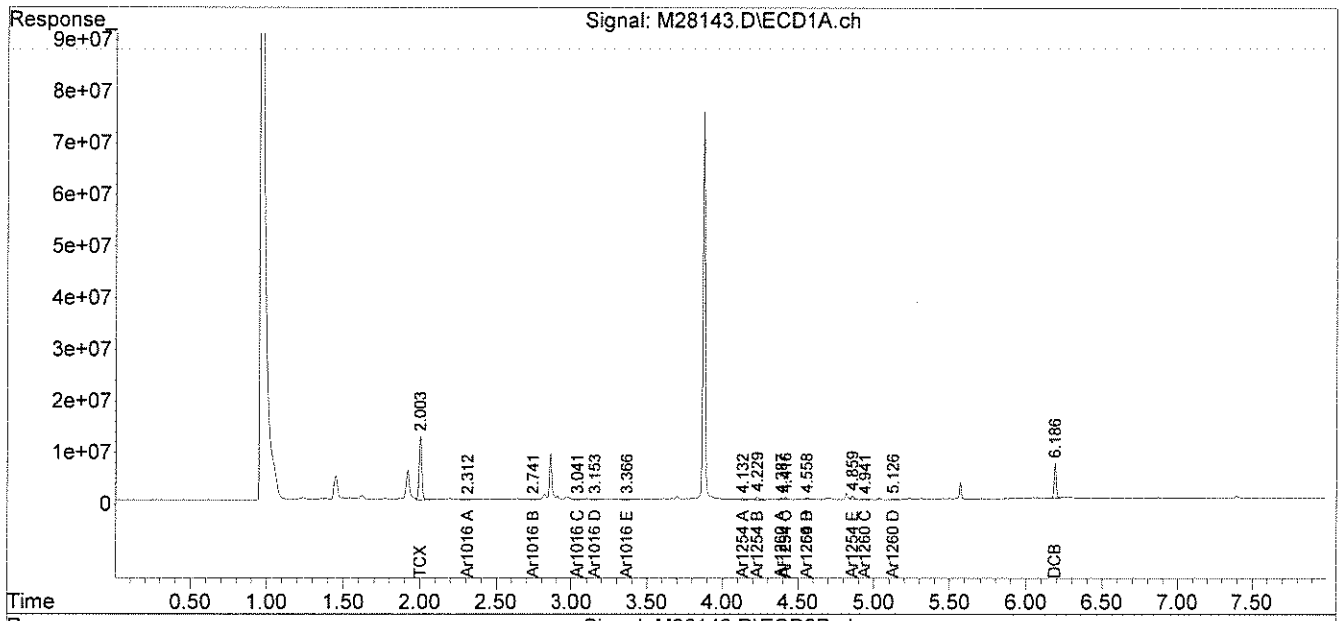
Quantitation Report (Not Reviewed)

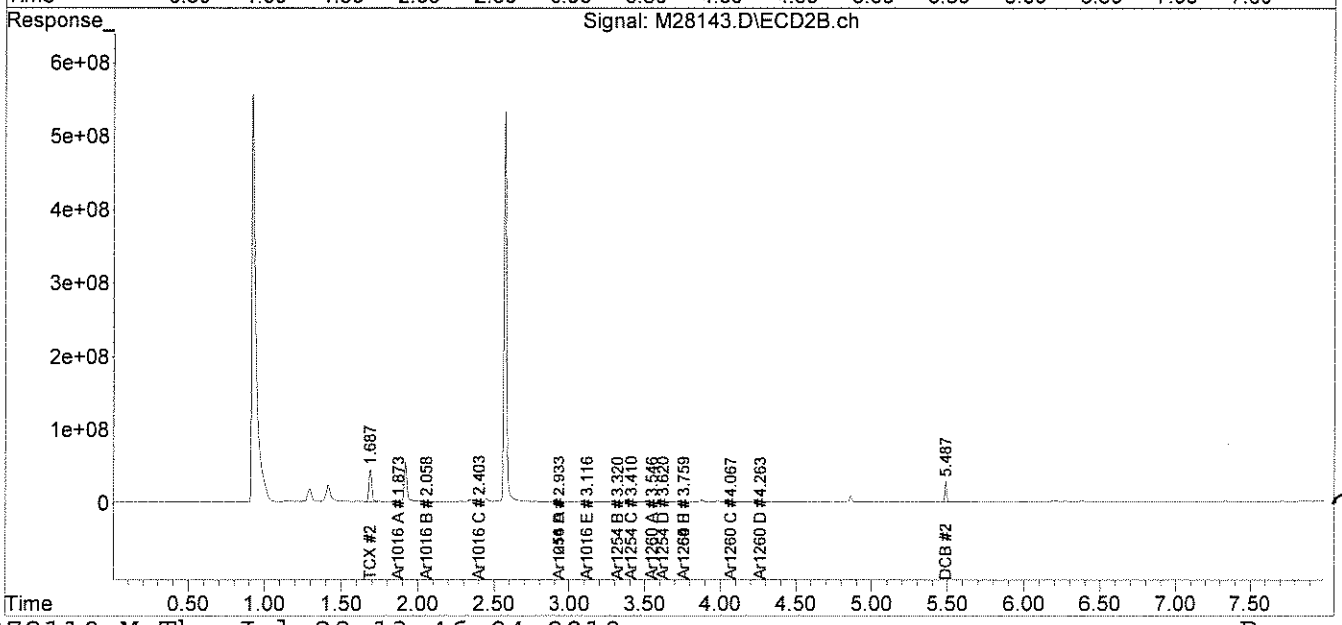
Data Path : C:\msdchem\1\DATA\072810-M\
Data File : M28143.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jul 2010 1:27 am
Operator : JK
Sample : 67353-13,,A/C
Misc : SOIL
ALS Vial : 60 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 29 13:46:04 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um

07.29.10





273010

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 30, 2010

SAMPLE DATA

Lab Sample ID:	67353-14
Matrix:	Solid
Percent Solid:	96
Dilution Factor:	2.1
Collection Date:	07/26/10
Lab Receipt Date:	07/27/10
Extraction Date:	07/27/10
Analysis Date:	07/29/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VCC-194

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	69	U
PCB-1221	69	U
PCB-1232	69	U
PCB-1242	69	U
PCB-1248	69	U
PCB-1254	69	**1490**
PCB-1260	69	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	95	%
Decachlorobiphenyl	86	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67353
Sample: 67353-14,1:2,,A/C
Data File: M28210.D
Dilution Factor: 2.1

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	1492	1255	17.3	

Column to be used to flag RPD values greater than QC limit of 40%
* Values outside QC limits

Comments: _____

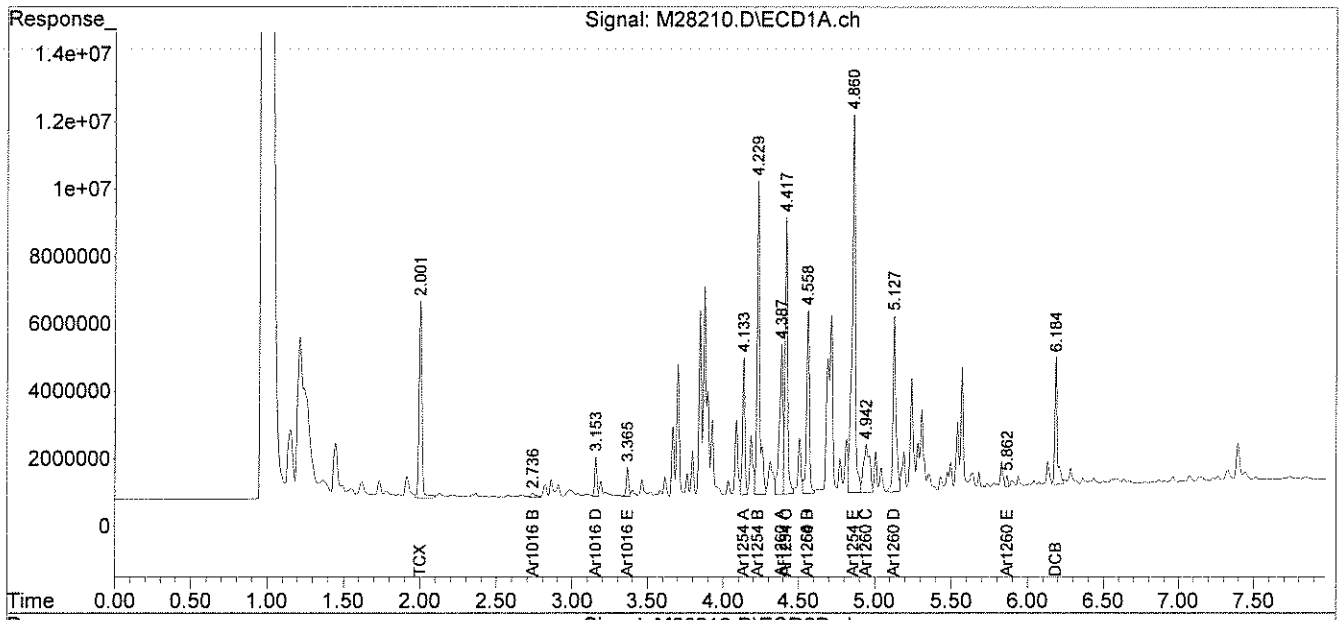
PCB FORM 10

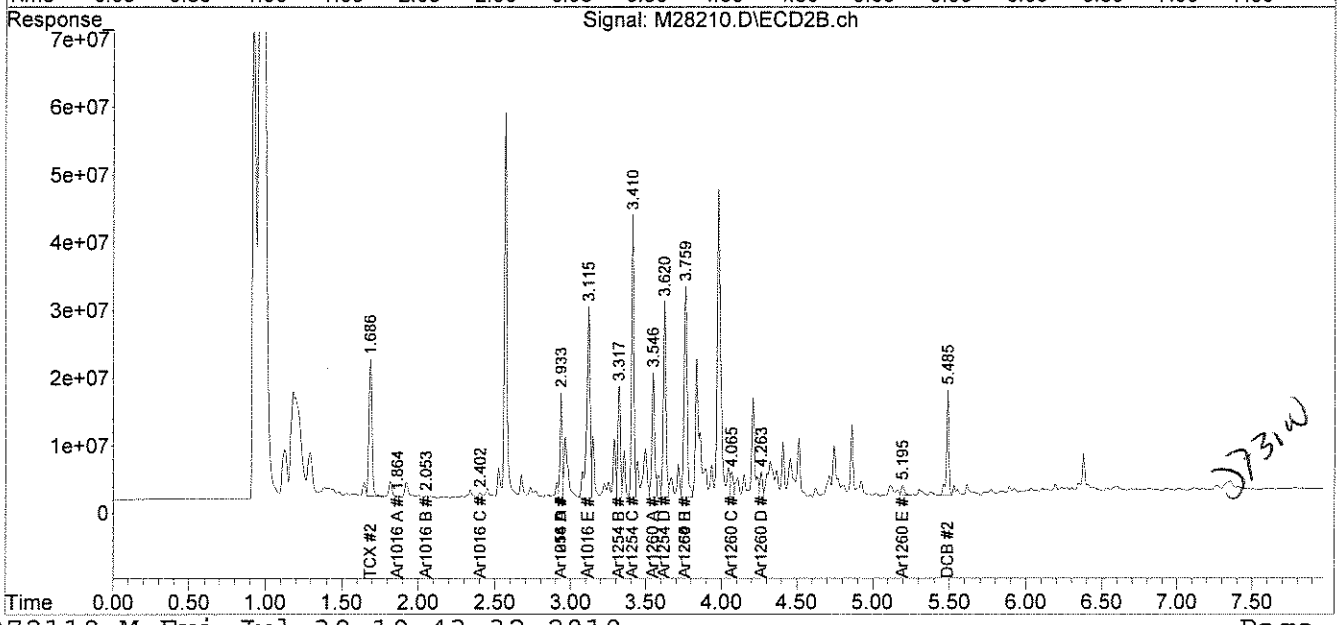
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\072910-M\
Data File : M28210.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jul 2010 5:41 pm
Operator : JK
Sample : 67353-14,1:2,,A/C
Misc : SOIL
ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 30 10:43:32 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 30, 2010

SAMPLE DATA

Lab Sample ID:	67353-15
Matrix:	Solid
Percent Solid:	93
Dilution Factor:	5
Collection Date:	07/26/10
Lab Receipt Date:	07/27/10
Extraction Date:	07/27/10
Analysis Date:	07/29/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VCC-195

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	170	U
PCB-1221	170	U
PCB-1232	170	U
PCB-1242	170	U
PCB-1248	170	U
PCB-1254	170	**2980**
PCB-1260	170	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	64	%
Decachlorobiphenyl	49	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67353
Sample: 67353-15,1:5,,A/C
Data File: M28211.D
Dilution Factor: 5.3

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	2981	2132	33.2	

Column to be used to flag RPD values greater than QC limit of 40%
* Values outside QC limits

Comments: _____

PCB FORM 10

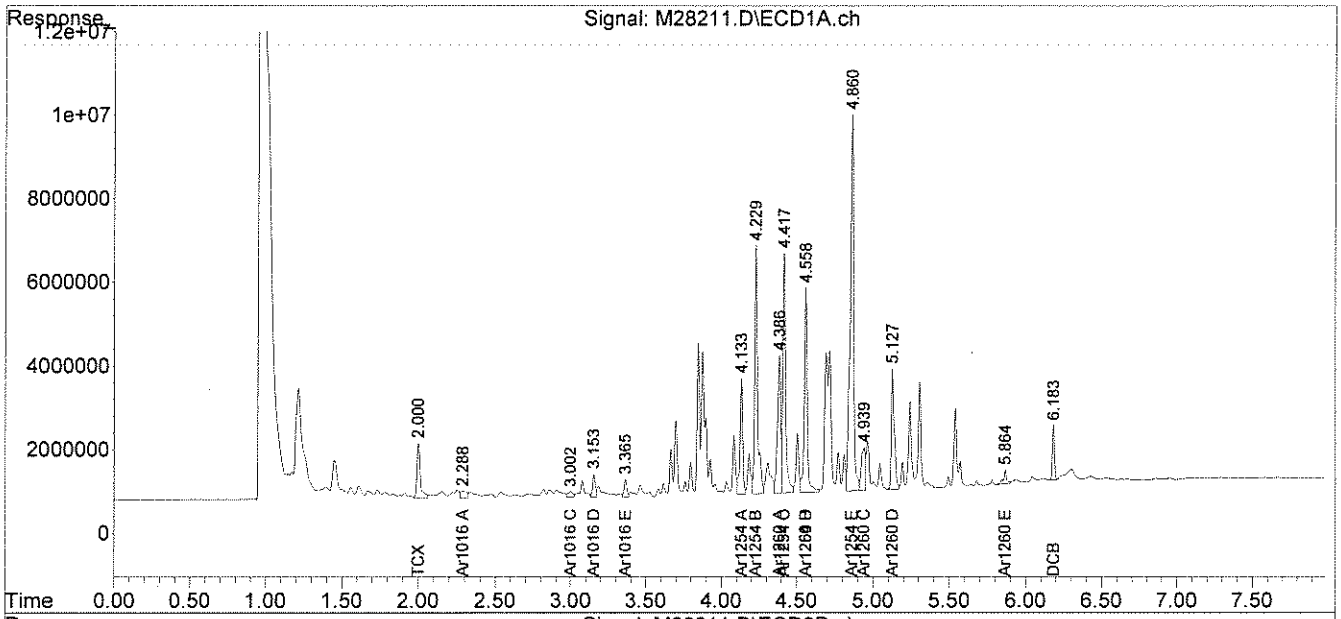
Quantitation Report (Not Reviewed)

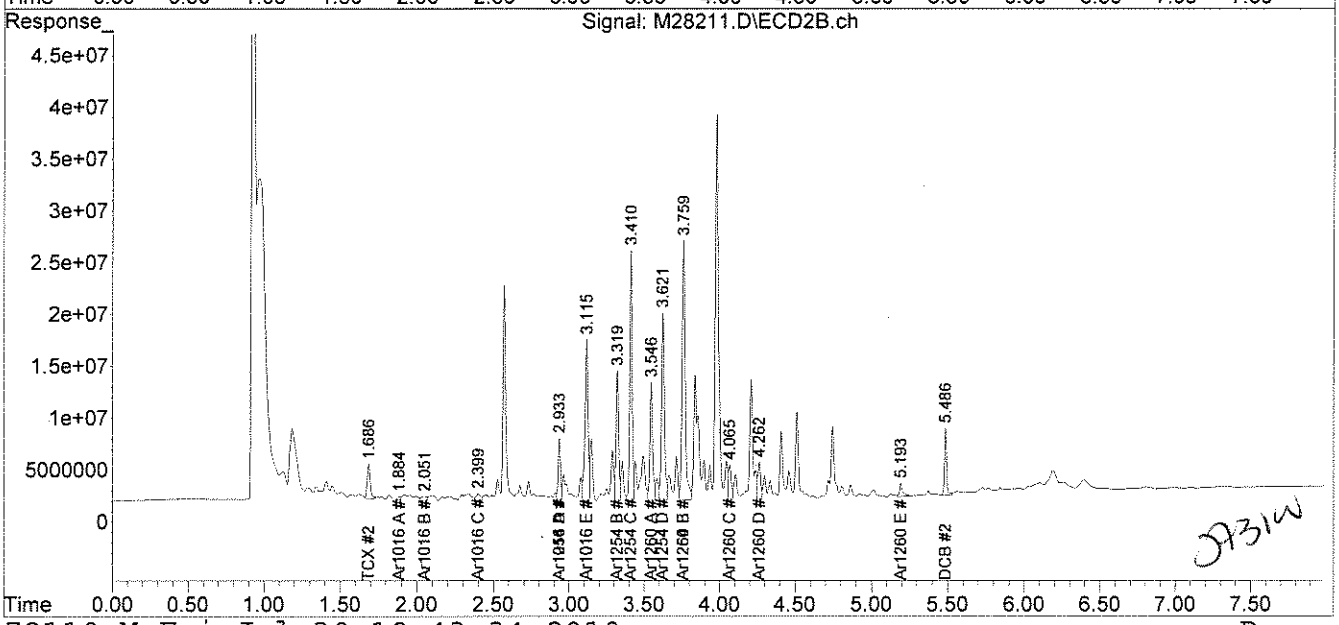
Data Path : C:\msdchem\1\DATA\072910-M\
Data File : M28211.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jul 2010 5:52 pm
Operator : JK
Sample : 67353-15,1:5,,A/C
Misc : SOIL
ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 30 10:43:34 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

JR 07.30.10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





07.31.10

PCB
QC FORMS

PCB SOIL
SYSTEM MONITORING COMPOUNDS
SUMMARY

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67353

	Column #1				Column #2			
SAMPLE ID	SMC 1 (%)	#	SMC 2 (%)	#	SMC 1 (%)	#	SMC 2 (%)	#
B072710PSOX,,A/C	94		72		92		70	
L072710PSOX,,A/C	93		74		92		72	
LD072710PSOX,,A/C	93		74		91		70	
67353-2,,A/C	93		72		90		68	
67353-3,,A/C	88		74		87		61	
67353-4,,A/C	88		70		88		66	
67353-5,,A/C	98		72		93		69	
67353-6,,A/C	103		73		92		70	
67353-7,,A/C	87		74		90		64	
67353-8,,A/C	90		72		94		65	
67353-8,MS,,A/C	89		73		96		70	
67353-8,MSD,,A/C	92		73		94		70	
67353-9,,A/C	93		74		96		71	
67353-10,,A/C	89		73		92		69	
67353-11,,A/C	90		72		96		69	
67353-12,,A/C	96		74		97		67	
67353-13,,A/C	94		64		94		50	

		Lower Limit	Upper Limit
SMC #1 =	TCX	40	130
SMC #2 =	DCB	40	130

\# Column to be used to flag recovery values outside of QC limits
* Values outside QC limits
D System Monitoring Compound diluted out

PCB AQUEOUS
SYSTEM MONITORING COMPOUNDS
SUMMARY

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67353

	Column #1				Column #2			
SAMPLE ID	SMC 1 (%)	#	SMC 2 (%)	#	SMC 1 (%)	#	SMC 2 (%)	#
B072810PW	96		71		90		94	
L072810PWB	75		70		86		105	
LD072810PWB	77		73		93		121	
67353-1	80		71		93		123	

		Lower Limit	Upper Limit
SMC #1 =	TCX	46	122
SMC #2 =	DCB	40	135

Column to be used to flag recovery values outside of QC limits
* Values outside QC limits
D System Monitoring Compound diluted out

PCB FORM 2

PCB SOIL
SYSTEM MONITORING COMPOUNDS
SUMMARY

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67353

	Column #1				Column #2			
SAMPLE ID	SMC 1 (%)	#	SMC 2 (%)	#	SMC 1 (%)	#	SMC 2 (%)	#
B072710PSOX,RR,,A/C	97		73		93		67	
67353-14,1:2,,A/C	95		86		94		68	
67353-15,1:5,,A/C	64		49		46		62	

		Lower Limit	Upper Limit
SMC #1 =	TCX	40	130
SMC #2 =	DCB	40	130

Column to be used to flag recovery values outside of QC limits
* Values outside QC limits
D System Monitoring Compound diluted out

PCB SOIL
LABORATORY CONTROL SAMPLE/DUPLICATE
PERCENT RECOVERY

Instrument ID: M

GC Column #1: STX-CLPesticides I

Column ID: 0.25 mm

GC Column #2: STX-CLPesticides II

Column ID: 0.25 mm

SDG: 67353

Non-spiked sample: B072710PSOX2,,A/C

Spike: L072710PSOX2,,A/C

Spike duplicate: LD072710PSOX2,,A/C

COMPOUND	LCS SPIKE ADDED (ug/kg)	LCSD SPIKE ADDED (ug/kg)	LOWER LIMIT	UPPER LIMIT	RPD LIMIT	NON-SPIKE RESULT (ug/kg)	SPIKE RESULT (ug/kg)	SPIKE % REC	#	SPIKE DUP RESULT (ug/kg)	SPIKE DUP % REC	#	RPD	#
PCB 1016	200	200	65	140	30	0	196	98		208	104		6.1	
PCB 1260	200	200	60	130	30	0	230	115		248	124		7.6	
PCB 1016 #2	200	200	65	140	30	0	249	125		252	126		1.3	
PCB 1260 #2	200	200	60	130	30	0	220	110		235	118		6.5	

Column to be used to flag recovery and RPD values outside of QC limits

* Values outside QC limits

LCS/LCSD spike added values have been weight adjusted.

Non-spike result of "0" used in place of "U" to allow calculation of spike recovery.

Comments: _____

_____

PCB SOIL
LABORATORY CONTROL SAMPLE/DUPLICATE
PERCENT RECOVERY

Instrument ID: M

GC Column #1: STX-CLPesticides I

Column ID: 0.25 mm

GC Column #2: STX-CLPesticides II

Column ID: 0.25 mm

SDG: 67353

Non-spiked sample: 67353-8,,A/C

Spike: 67353-8,MS,,A/C

Spike duplicate: 67353-8,MSD,,A/C

COMPOUND	LCS SPIKE ADDED (ug/kg)	LCSD SPIKE ADDED (ug/kg)	LOWER LIMIT	UPPER LIMIT	RPD LIMIT	NON-SPIKE RESULT (ug/kg)	SPIKE RESULT (ug/kg)	SPIKE % REC	#	SPIKE DUP RESULT (ug/kg)	SPIKE DUP % REC	#	RPD	#
PCB 1016	207	210	65	140	30	0	226	109		222	106		2.8	
PCB 1260	207	210	60	130	30	0	288	139	*	285	135	*	2.5	
PCB 1016 #2	207	210	65	140	30	0	210	101		228	108		6.8	
PCB 1260 #2	207	210	60	130	30	0	271	131	*	280	133	*	1.9	

Column to be used to flag recovery and RPD values outside of QC limits

* Values outside QC limits

LCS/LCSD spike added values have been weight adjusted.

Non-spike result of "0" used in place of "U" to allow calculation of spike recovery.

Comments: _____

PCB FORM 3

PCB AQUEOUS
LABORATORY CONTROL SAMPLE/DUPLICATE
PERCENT RECOVERY

Instrument ID: M

GC Column #1: STX-CLPesticides I

Column ID: 0.25 mm

GC Column #2: STX-CLPesticides II

Column ID: 0.25 mm

SDG: 67353

Non-spiked sample: B072810PW

Spike: L072810PWB

Spike duplicate: LD072810PWB

COMPOUND	LCS SPIKE ADDED (ug/L)	LCSD SPIKE ADDED (ug/L)	LOWER LIMIT	UPPER LIMIT	RPD LIMIT	NON-SPIKE RESULT (ug/L)	SPIKE RESULT (ug/L)	SPIKE % REC	#	SPIKE DUP RESULT (ug/L)	SPIKE DUP % REC	#	RPD	#
PCB 1016	2.00	2.00	79	113	30	0.00	1.84	92		1.78	89		3.5	
PCB 1260	2.00	2.00	58	115	30	0.00	2.28	114		2.26	113		1.0	
PCB 1016 #2	2.00	2.00	81	112	30	0.00	2.03	102		2.21	111		8.5	
PCB 1260 #2	2.00	2.00	54	123	30	0.00	2.30	115		2.32	116		1.1	

Column to be used to flag recovery and RPD values outside of QC limits

* Values outside QC limits

LCS/LCSD spike added values have been weight adjusted.

Non-spike result of "0" used in place of "U" to allow calculation of spike recovery.

Comments: _____

_____

CHAIN OF CUSTODIES

Chain Of Custody Form

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, NH 03801
Phone (603) 436-5111
Fax (603) 430-2151

For Analytics Use Only Rev. 5 06/18/08

Samples were:
1) Shipped or hand-delivered
2) Temp blank °C 2.3
3) Received in good condition Y or N
4) pH checked by: [illegible] 7/27/10
5) Labels checked by: [illegible] 7/27/10

Project#: 223019 Proj. Name: AMISTAD ACADEMY
Company: Woodard &Curran
Contact: GEORGE FRANKLIN / JEFF HAMEL
Address: 41 Hutchins Drive
Portland, ME
Phone: (207)774-2112 PO# Quote # WCI03051001
Sampler (Signature): [illegible]

Matrix Key:
C = Concrete
WP = Wipe
WW = Wastewater
SW = Surface Water
GW = Groundwater
DW = Drinking Water
S = Soil/Sludge
O = Oil
E = Extract D-DIH_2O

Container Key
P=plastic G=glass

Station Identification	Sample Date	Sample Time	Analysis	Preservation: Unpres	4° C	HNO_3	H_2SO_4	HCL	Methanol	Other	Matrix	Container number/type		pH	Analytics Sample #
AA-VSS-Q-181	7/26/10	0640	PCB's by U.S. E.P.A. 8082 w/ Soxhlet Extraction		✓						D	1	G	55	67353 -1
AA-VSS-182		0705			✓						S	1	G		2
AA-VSS-183		0710			✓						S	1	G		3
AA-VSS-184		0715			✓						S	1	G		4
AA-VSS-185		0720			✓						S	1	G		5
AA-VSS-186		0725			✓						S	1	G		6
AA-VSS-187		0730			✓						S	1	G		7
AA-VSS-188		0735			✓						S	1	G		8
AA-VSS-189		0740			✓						S	1	G		9
AA-VSS-190		0745			✓						S	1	G		10
AA-VSS-191		0750			✓						S	1	G		11

Email Results to:
gfranklin@...
jhamel@...

Turnaround Time (TAT)
☑ 24hr* ☐ 48hr* ASAP (2nd PRIORITY)
☐ 72hr* ~~☐ [illegible]~~
☐ 10 Days
*Fee may apply; lab approval required

Comments / Instructions:
R.L. ≤ 1.0 mg/kg.
AMBER LITRE TESTED (-) FOR CL WHEN MEASURED WITH KI PAPER

Project Requirements:
*Fee may apply

Report Type:
☐ MCP* ☑ Level II*
☐ CTRCP* ☐ Level III*
☐ DOD* ☐ Level IV*
☐ Standard

State:
☐ NH
☐ MA
☐ ME
☑ CT
☐ RI
Other:

State Standard:
(eg. S-1 or GW-1)
EDD Required: Y* N
Type:

Received By: Fed Ex Time: Date: 7/26/10
Received By: [illegible] Time: 1030 Date: 7/27/10
Received By: Time: 07/27/10
Relinquished By Sampler: [illegible] Date: 7/26/10
Relinquished By: Fed Ex Date: 7/27/10
Relinquished By: [illegible] Date: 07/27/10

Analytics\AEL Documents\AEL COC

Page 1 of 2

Chain Of Custody Form

analytics environmental laboratory LLC
195 Commerce Way Suite E
Portsmouth, NH 03801
Phone (603) 436-5111
Fax (603) 430-2151

For Analytics Use Only Rev. 5 06/18/08

Samples were:
1) Shipped or hand-delivered
2) Temp blank °C 2.3
3) Received in good condition Y or N
4) pH checked by: N/A
5) Labels checked by: 7/27/10

Project#: 223019 Proj. Name: AMISTAD ACADEMY
Company: Woodard &Curran
Contact: GEORGE FRANKLIN / JEFF HAMEL
Address: 41 Hutchins Drive
Portland, ME
Phone: (207)774-2112 PO# Quote # WCI03051001
Sampler (Signature): JESSE ABBY R

Matrix Key:
C = Concrete
WP = Wipe
WW = Wastewater
SW = Surface Water
GW = Groundwater
DW = Drinking Water
S = Soil/Sludge
O = Oil
E = Extract

Container Key
P=plastic G=glass

Station Identification	Sample Date	Sample Time	Analysis	Unpres	4° C	HNO_3	H_2SO_4	HCL	Methanol	Other	Matrix	Container number/type		pH	Analytics Sample #
AA-VSS-192	7/26/10	0755	PCB's by U.S.		✓						S	1	G		67353-12
AA-VSS-193	↓	0800	EPA 8082 w/		✓						S	1	G		13
AA-VCC-194	↓	0830	Soxhlet Extraction		✓						C	1	G		14
AA-VCC-195		0840			✓						C	1	G		15

OR 7/27/10

Comments / Instructions:
R.L. ≤ 1.0 mg/kg.

Email Results to:
jfranklin@...
jhamel@...

Turnaround Time (TAT)
☑ 24hr* ☐ 48hr* ASAP (2nd PRIORITY)
☐ 72hr* ☐ 5 Days*
☐ 10 Days
*Fee may apply; lab approval required

Project Requirements:
*Fee may apply

Report Type:
☐ MCP* ☑ Level II*
☐ CTRCP* ☐ Level III*
☐ DOD* ☐ Level IV*
☐ Standard

State:
☐ NH
☐ MA
☐ ME
☑ CT
☐ RI
Other:

State Standard:
(eg. S-1 or GW-1)
EDD Required: Y* N
Type: .xls

Received By: FEDEX	Received By: [illegible]	Received By:
Time:	Time: 1030	Time:
Date: 7/26/10	Date: 7/27/10	Date: 7/27/10
Relinquished By Sampler: JESSE ABBY R	Relinquished By: FEDEX	Relinquished By:

Analytics\AEL Documents\AEL COC

Page 2 of 2

ANALYTICS SAMPLE RECEIPT CHECKLIST

analytics environmental laboratory LLC

AEL LAB#: 67353 COOLER NUMBER: N/A

CLIENT: WOODARD & CURRAN NUMBER OF COOLERS: 1

PROJECT: AMISTAD ACADEMY DATE RECEIVED: 7/27/10

A: PRELIMINARY EXAMINATION: DATE COOLER OPENED: 7/27/10

1. Cooler received by(initials): A Date Received: 7/27/10

2. Circle one: Hand delivered (If so, skip 3) Shipped

3. Did cooler come with a shipping slip? Y N

3a. Enter carrier name and airbill number here: FEDEX 7937 6053 6360

4. Were custody seals on the outside of cooler? Y N
How many & where: N/A Seal Date: N/A Seal Name: N/A

5. Did the custody seals arrive unbroken and intact upon arrival? Y N/A

6. COC#: N/A

7. Were Custody papers filled out properly (ink,signed, etc)? Y N NO RELINQUISH TIME BY SAMPLER

8. Were custody papers sealed in a plastic bag? Y N

9. Did you sign the COC in the appropriate place? Y N

10. Was the project identifiable from the COC papers? Y N

11. Was enough ice used to chill the cooler? Y N Temp. of cooler: 2.3°

B. Log-In: Date samples were logged in: A By: 07/27/10

12. Type of packing in cooler(bubble wrap, popcorn) Y N

13. Were all bottles sealed in separate plastic bags? Y N

14. Did all bottles arrive unbroken and were labels in good condition? Y N

15. Were all bottle labels complete(ID,Date,time,etc.) Y N

16. Did all bottle labels agree with custody papers? Y N

17. Were the correct containers used for the tests indicated: Y N

18. Were samples received at the correct pH? Y N

19. Was sufficient amount of sample sent for the tests indicated? Y N

20. Were bubbles absent in VOA samples? Y NA

If NO, List Sample ID's and Lab #s: _____

21. Laboratory labeling verified by (initials): CP Date: 7/27/10

From: Origin ID: BNHA (203) 271-0379
Jesse Ream
WOODARD & CURRAN INC
1520 HIGHLAND AVENUE

CHESHIRE, CT 06410

FedEx Express

J102010052502 25

Ship Date: 26JUL10
ActWgt: 35.0 LB
CAD: 2185050/INET3060

Delivery Address Bar Code

SHIP TO: (603) 436-5111 BILL SENDER

Analytics Enviro Labs, LLC
Analytics Enviro Labs, LLC
195 COMMERCE WAY UNIT E

PORTSMOUTH, NH 03801

Ref # 223019.00
Invoice #
PO #
Dept #

2 of 2

MPS# 0263 7937 6053 6360

Mstr# 7937 6053 6234 0201

TUE - 27 JUL A2
PRIORITY OVERNIGHT

03801
NH-US
MHT

03 IGGA

RT 328 1 C
6360
07.27
FZ

508G1/9807/9A24

After printing this label:
1. Use the 'Print' button on this page to print your label to your laser or inkjet printer.
2. Fold the printed page along the horizontal line.
3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

Warning: Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com.FedEx will not be responsible for any claim in excess of $100 per package, whether the result of loss, damage, delay, non-delivery,misdelivery,or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim.Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic valueof the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental,consequential, or special is limited to the greater of $100 or the authorized declared value. Recovery cannot exceed actual documented loss.Maximum for items of extraordinary value is $500, e.g. jewelry, precious metals, negotiable instruments and other items listed in our ServiceGuide. Written claims must be filed within strict time limits, see current FedEx Service Guide.

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

July 31, 2010

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

RE: Analytical Results Case Narrative
Analytics # 67354
AMISTAD ACADEMY

Dear Mr. Franklin;

Enclosed please find the analytical results for samples submitted for the above-mentioned project. The attached Cover Page lists the sample IDs, Lab tracking numbers and collection dates for the samples included in this deliverable.

Samples were analyzed Polychlorinated Biphenyls (PCBs) by EPA Method 8082.

Unless otherwise noted in the Non-conformance Summary listed below, all of the quality control (QC) criteria including initial calibration, calibration verification, surrogate recovery, holding time and method accuracy/precision for these analyses were within acceptable limits.

This Level II data package has been assembled in the following order:

Case Narrative/Non-Conformance Summary
Sample Log Sheet - Cover Page
PCB Form 1 Data Sheet for Samples and Blanks
Chromatograms
PCB Form 10 Confirmation Results
PCB Form 3 MS/MSD (LCS) Recoveries
Chain of Custody (COC) Forms

QC NON-CONFORMANCE SUMMARY

Sample Receipt:
No exceptions.

PCBs by EPA Method 8082:
No results were reported below the quantitation limit.

The MS/MSD analyzed on sample 67354-3 had high recoveries for PCB 1260 due to the presence of PCB 1254 in the parent sample. The laboratory control samples (L072710PSOX2/LD072710PSOX2) were in control for all analytes. Results were reported without qualification.

If you have any questions on these results, please do not hesitate to contact me.

Sincerely,
ANALYTICS Environmental Laboratory, LLC

Stephen L. Knollmeyer
Laboratory Director

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

Report Number: 67354

Revision: Rev. 0

Re: Amistad Academy (Project No: 223019)

Enclosed are the results of the analyses on your sample(s). Samples were received on 27 July 2010 and analyzed for the tests listed. Samples were received in acceptable condition, with the exceptions noted below or on the chain of custody. These results pertain to samples as received by the laboratory and for the analytical tests requested on the chain of custody. The results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report. Please see individual reports for specific methodologies and references.

Sample Analysis: The attached pages detail the Client Sample IDs, Lab Sample IDs, and Analyses requested

Sample Receipt Exceptions: None

Analytics Environmental Laboratory is certified by the states of New Hampshire, Maine, Massachusetts, Connecticut, Rhode Island, Virginia, Maryland, and is accredited by the Deparment of Defense (DOD) ELAP program. A list of actual certified parameters is available upon request.

If you have any questions on these results, please do not hesitate to contact us.

Authorized signature _____
Stephen L. Knollmeyer Lab. Director

Date 07/31/2010

This report shall not be reproduced, except in full, without the written consent of Analytics Environmental Laboratory, LLC.

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

CLIENT: Woodard & Curran **REPORT NUMBER: 67354** **REV: Rev. 0**

PROJECT: Amistad Academy (Project No: 223019)

Lab Number	Sample Date	Station Location	Analysis	Comments
67354-1	07/26/10	AA-VBS-196	EPA 8082 (PCBs only)	
67354-2	07/26/10	AA-VBS-197	EPA 8082 (PCBs only)	
67354-3	07/26/10	AA-VSS-198	EPA 8082 (PCBs only)	
67354-4	07/26/10	AA-VSS-599	EPA 8082 (PCBs only)	
67354-5	07/26/10	AA-VSS-Q-200	EPA 8082 (PCBs only)	
67354-6	07/26/10	AA-VSS-201	EPA 8082 (PCBs only)	
67354-7	07/26/10	AA-VSS-202	EPA 8082 (PCBs only)	
67354-8	07/26/10	AA-VSS-203	EPA 8082 (PCBs only)	
67354-9	07/26/10	AA-VSS-204	EPA 8082 (PCBs only)	
67354-10	07/26/10	AA-VSS-205	EPA 8082 (PCBs only)	
67354-11	07/26/10	AA-VSS-206	EPA 8082 (PCBs only)	
67354-12	07/26/10	AA-VSS-207	EPA 8082 (PCBs only)	
67354-13	07/26/10	AA-VSS-208	EPA 8082 (PCBs only)	
67354-14	07/26/10	AA-VSS-209	Electronic Data Deliverable	
	07/26/10	AA-VSS-209	EPA 8082 (PCBs only)	

Surrogate Compound Limits

Matrix:	Aqueous	Solid	
Units:	% Recovery	% Recovery	Method
Volatile Organic Compounds - Drinking Water			
1,4-Difluorobenzene	70-130		EPA 524.2
Bromofluorobenzene	70-130		
1,2-Dichlorobenzene-d4	70-130		
Volatile Organic Compounds			
1,2-Dichloroethane-d4	70-120	70-120	EPA 624/8260B
Toluene-d8	85-120	85-120	
Bromofluorobenzene	75-120	75-120	
Semi-Volatile Organic Compounds			
2-Fluorophenol	20-110	35-105	EPA 625/8270C
d5-Phenol	15-110	40-100	
d5-nitrobenzene	40-110	35-100	
2-Fluorobiphenyl	50-110	45-105	
2,4,6-Tribromophenol	40-110	40-125	
d14-p-terphenyl	50-130	30-125	
PAH's by SIM			
d5-nitrobenzene	21-110	35-110	EPA 8270C
2-Fluorobiphenyl	36-121	45-105	
d14-p-terphenyl	33-141	30-125	
Pesticides and PCBs			
2,4,5,6-Tetrachloro-m-xylene (TCX)	46-122	40-130	EPA 608/8082
Decachlorobiphenyl (DCB)	40-135	40-130	
Herbicides			
Dichloroacetic acid (DCAA)	30-150	30-150	
Gasoline Range Organics/TPH Gasoline			
Trifluorotoluene TFT (FID)	60-140	60-140	MEDEP 4217/EPA 8015
Bromofluorobenzene (BFB) (FID)	60-140	60-140	
Trifluorotoluene TFT (PID)	60-140	60-140	
Bromofluorobenzene (BFB) (PID)	60-140	60-140	
Diesel Range Organics/TPH Diesel			
m-terphenyl	60-140	60-140	MEDEP 4125/EPA 8015/CT ETPH
Volatile Petroleum Hydrocarbons			
2,5-Dibromotoluene (PID)	70-130	70-130	MADEP VPH May 2004 Rev1.1
2,5-Dibromotoluene (FID)	70-130	70-130	
Extracatable Petroleum Hydrocarbons			
1-chloro-octadecane (aliphatic)	40-140	40-140	MADEP EPH May 2004 Rev1.1
o-Terphenyl (aromatic)	40-140	40-140	
2-Fluorobiphenyl (Fractionation)	40-140	40-140	
2-Bromonaphthalene (fractionation)	40-140	40-140	

PCB
DATA SUMMARIES

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 30, 2010

SAMPLE DATA

Lab Sample ID: B072710PSOX2
Matrix: Soil
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date:
Lab Receipt Date:
Extraction Date: 07/27/10
Analysis Date: 07/29/10

CLIENT SAMPLE ID

Project Name: Amistad Academy
Project Number: 223019
Field Sample ID: Lab QC

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	91	%
Decachlorobiphenyl	75	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

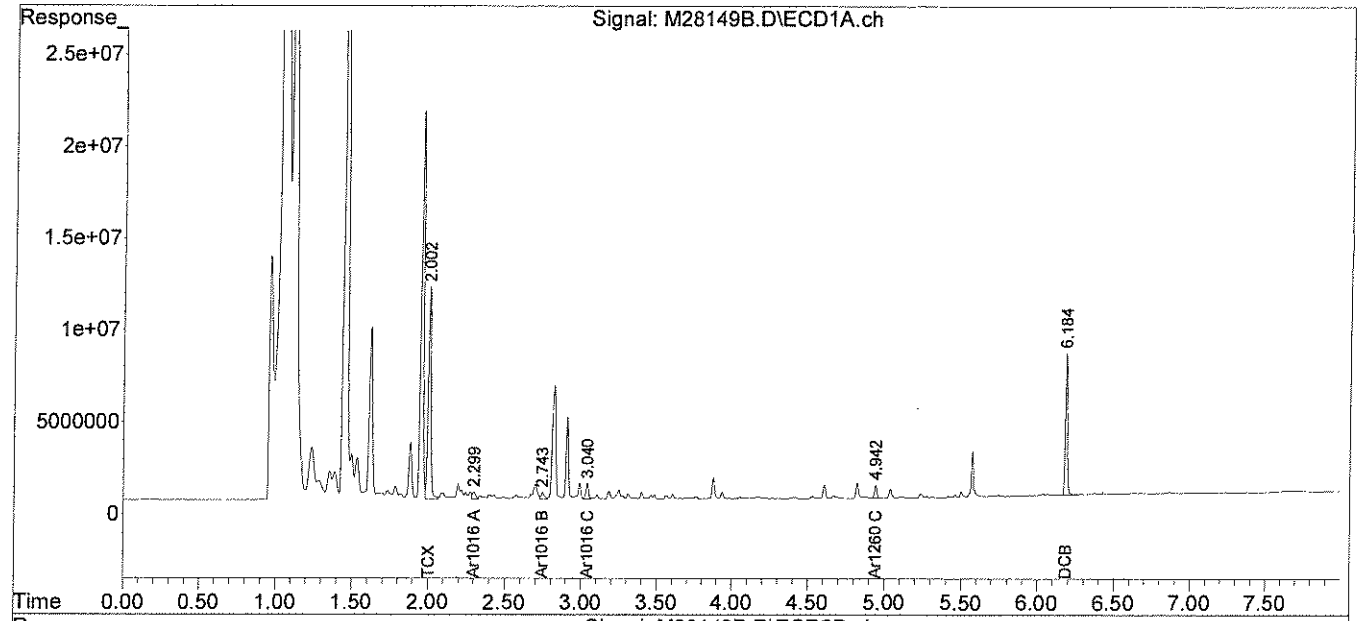
PCB Report

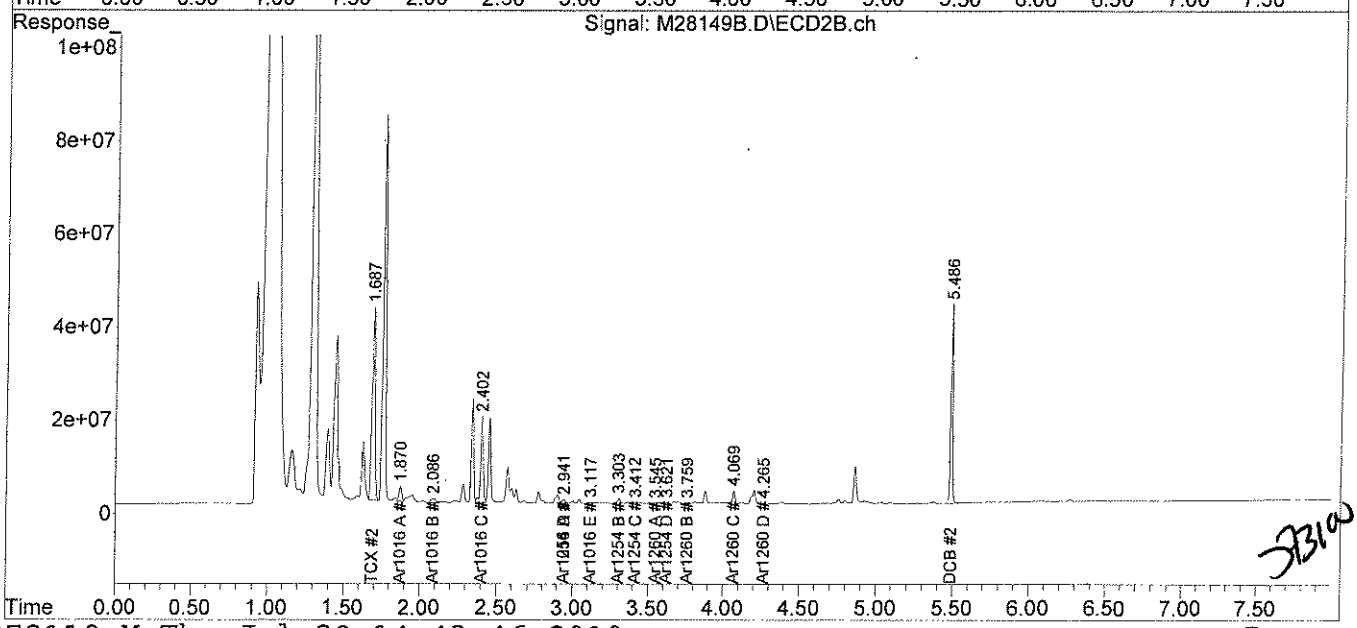
Authorized signature

Data Path : C:\msdchem\1\DATA\072810-M\
Data File : M28149B.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jul 2010 2:29 am
Operator : JK
Sample : B072710PSOX2,,A/C
Misc : SOIL
ALS Vial : 63 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 29 14:43:45 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 30, 2010

SAMPLE DATA

Lab Sample ID: B072810PW
Matrix: Aqueous
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date:
Lab Receipt Date:
Extraction Date: 07/28/10
Analysis Date: 07/29/10

CLIENT SAMPLE ID

Project Name: Amistad Academy
Project Number: 223019
Field Sample ID: Lab QC

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/L	Results µg/L
PCB-1016	0.2	U
PCB-1221	0.2	U
PCB-1232	0.2	U
PCB-1242	0.2	U
PCB-1248	0.2	U
PCB-1254	0.2	U
PCB-1260	0.2	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	96	%
Decachlorobiphenyl	71	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS:

PCB Report

Authorized signature

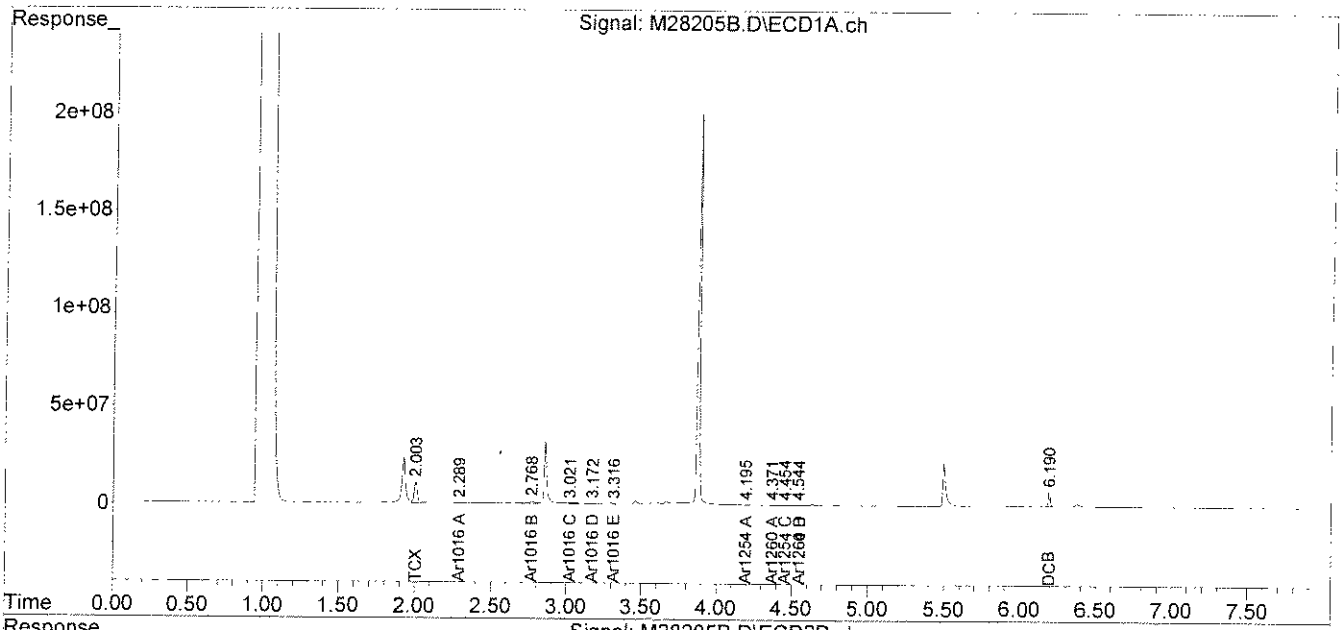
Quantitation Report (Not Reviewed)

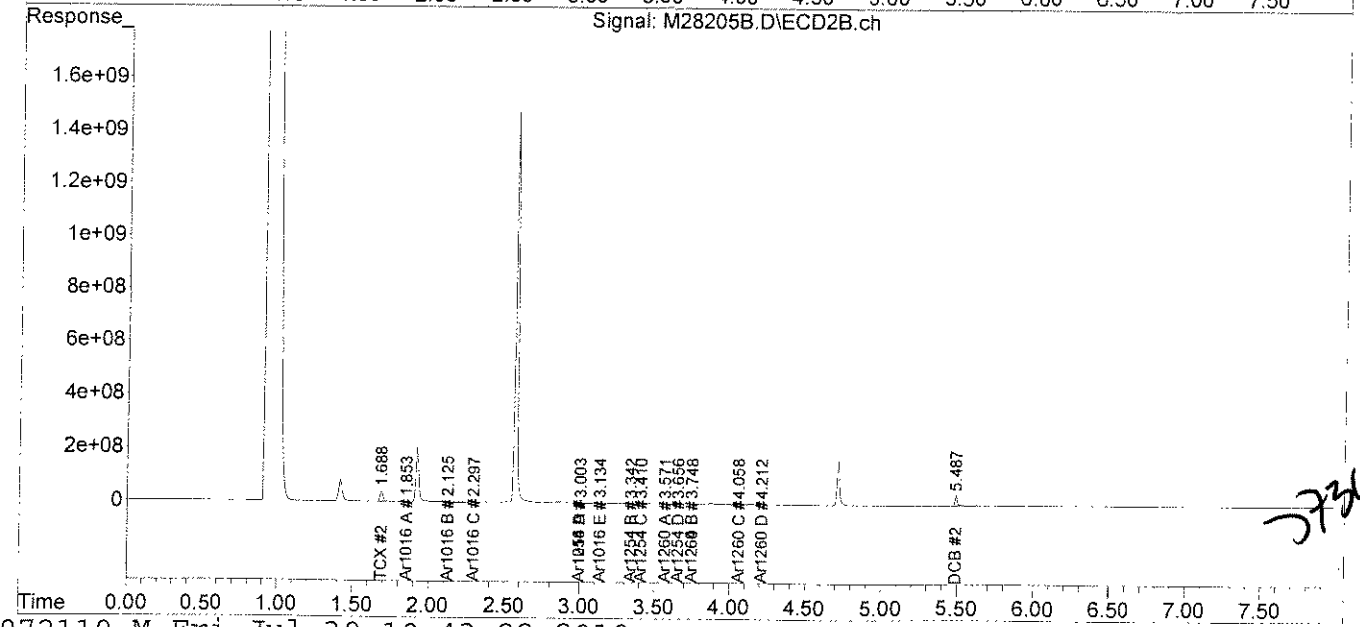
Data Path : C:\msdchem\1\DATA\072910-M\
Data File : M28205B.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jul 2010 4:50 pm
Operator : JK
Sample : B072810PW
Misc :
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 30 10:43:22 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um

JL 07/30/10





7354

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 30, 2010

SAMPLE DATA

Lab Sample ID:	67354-1
Matrix:	Solid
Percent Solid:	100
Dilution Factor:	1.0
Collection Date:	07/26/10
Lab Receipt Date:	07/27/10
Extraction Date:	07/27/10
Analysis Date:	07/29/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VBS-196

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	**426**
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	70	%
Decachlorobiphenyl	69	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67354
Sample: 67354-1,,A/C
Data File: M28157.D
Dilution Factor: 1.0

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	426	386	9.8	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

PCB FORM 10

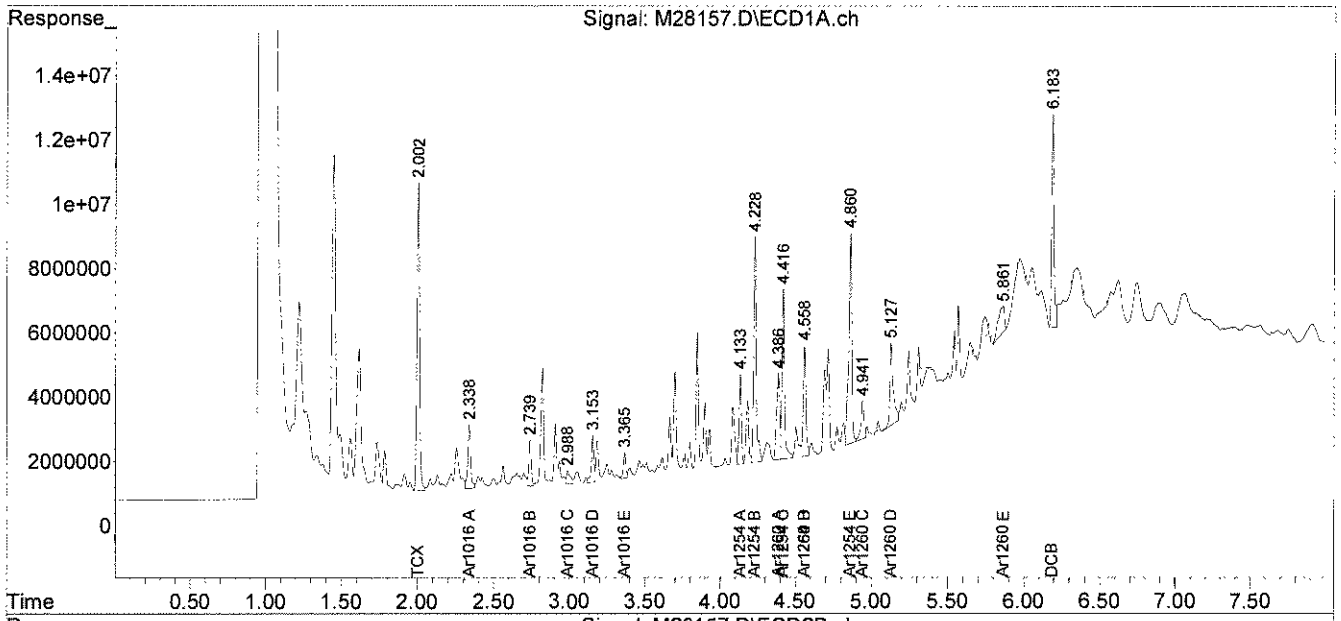
Quantitation Report (Not Reviewed)

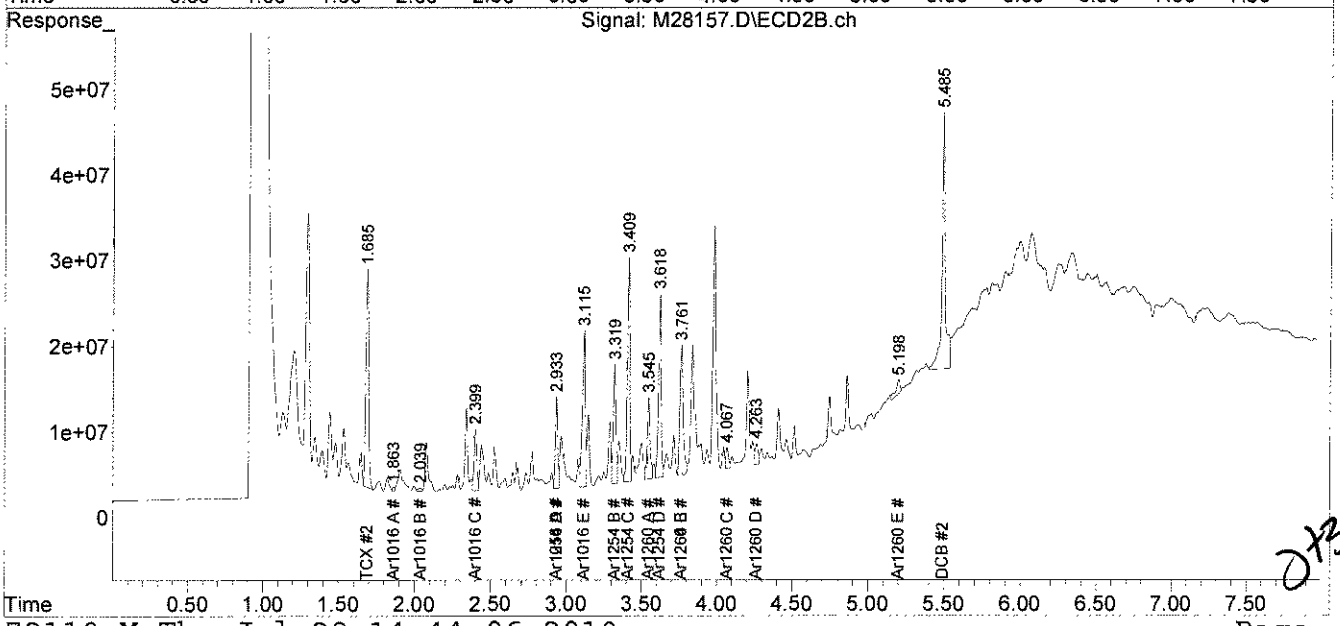
Data Path : C:\msdchem\1\DATA\072810-M\
Data File : M28157.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jul 2010 3:51 am
Operator : JK
Sample : 67354-1,,A/C
Misc : SOIL
ALS Vial : 71 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 29 14:44:06 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

JL 07-30-10

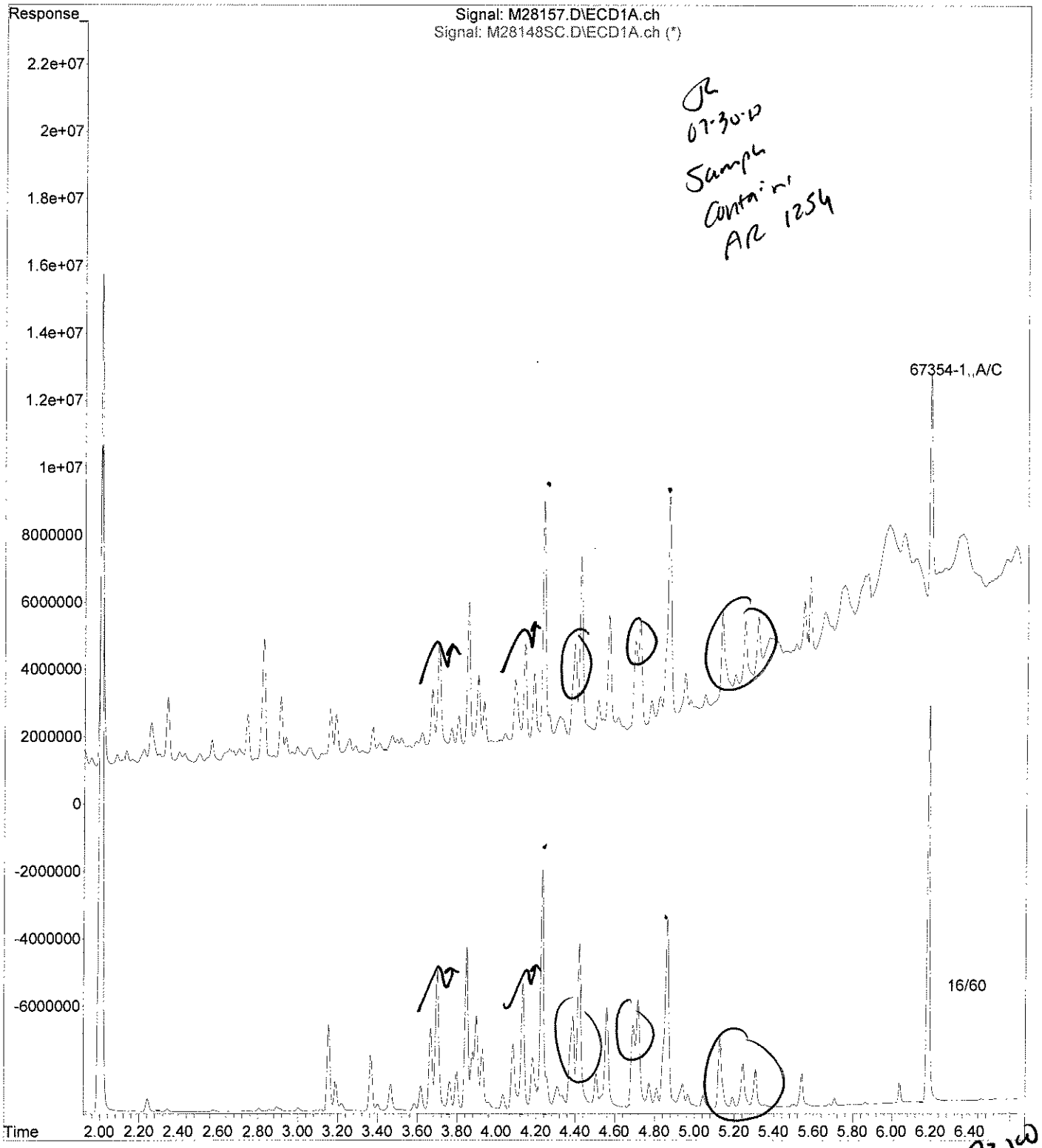
Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





07310

File :C:\msdchem\1\DATA\072810-M\M28157.D
Operator : JK
Acquired : 29 Jul 2010 3:51 am using AcqMethod PEST.M
Instrument : Instrument M
Sample Name: 67354-1,,A/C
Misc Info : SOIL
Vial Number: 71



373100

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 30, 2010

SAMPLE DATA

Lab Sample ID:	67354-2
Matrix:	Solid
Percent Solid:	100
Dilution Factor:	1.0
Collection Date:	07/26/10
Lab Receipt Date:	07/27/10
Extraction Date:	07/27/10
Analysis Date:	07/29/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VBS-197

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	**138**
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	98	%
Decachlorobiphenyl	63	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67354
Sample: 67354-2,,A/C
Data File: M28158.D
Dilution Factor: 1.0

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	92	138	39.9	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

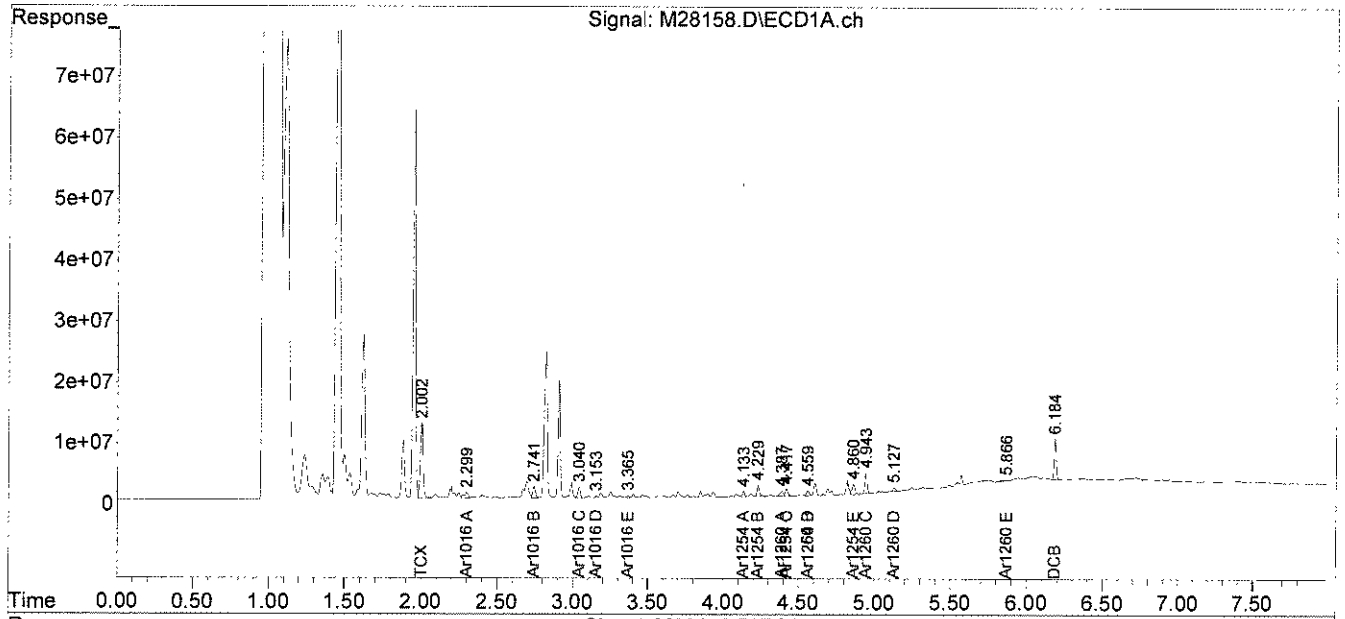
PCB FORM 10

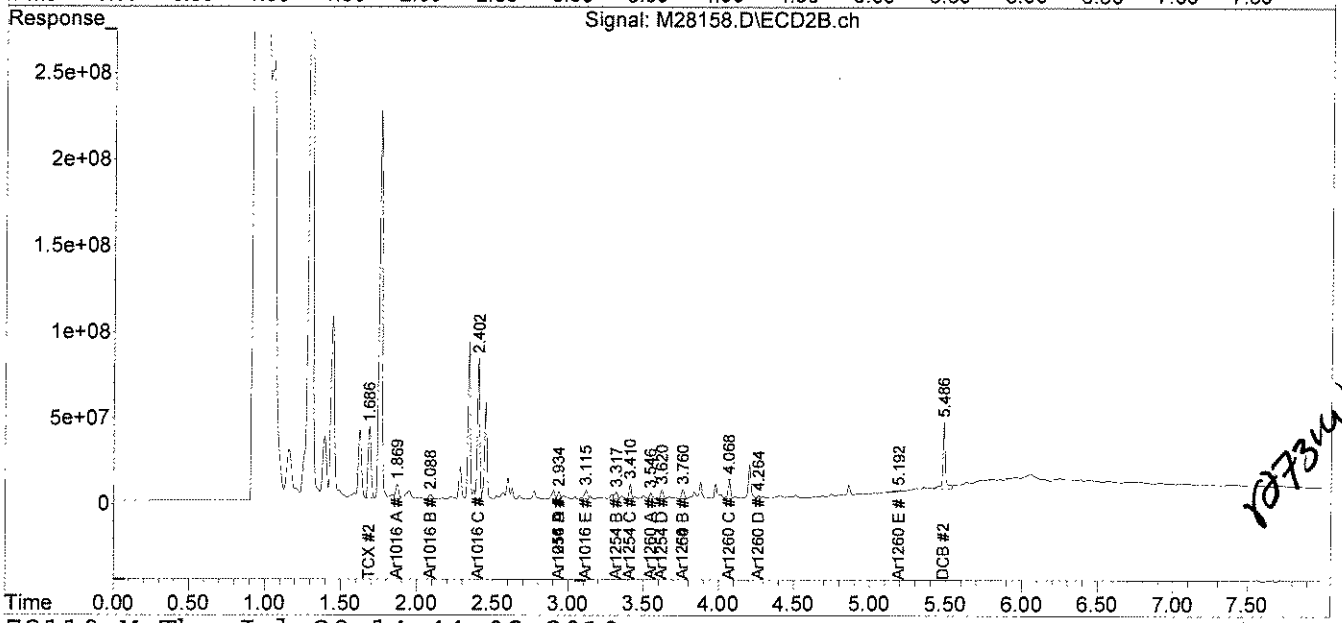
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\072810-M\
Data File : M28158.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jul 2010 4:01 am
Operator : JK
Sample : 67354-2,,A/C
Misc : SOIL
ALS Vial : 72 Sample Multiplier: 1

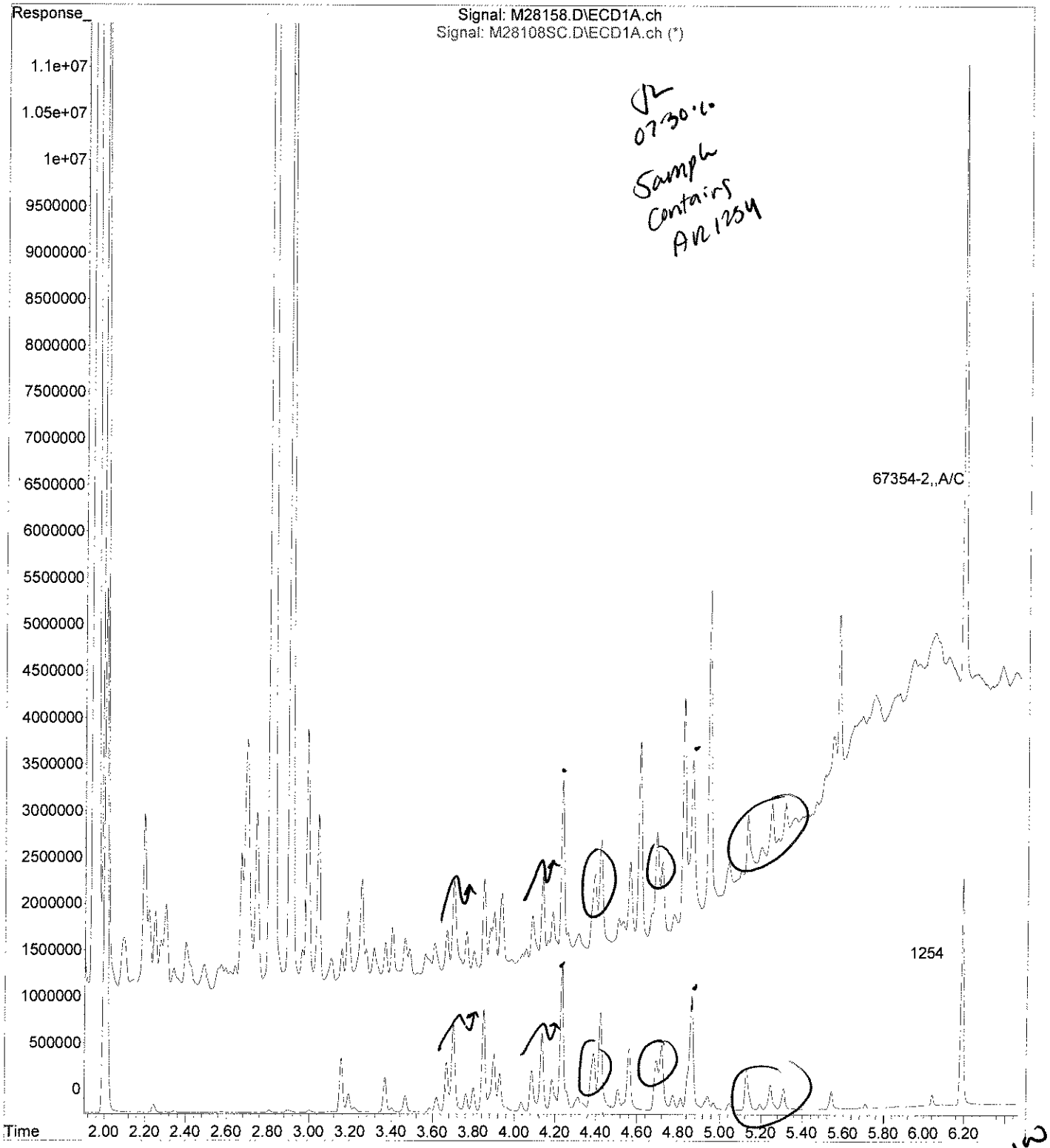
Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 29 14:44:08 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





File :C:\msdchem\1\DATA\072810-M\M28158.D
Operator : JK
Acquired : 29 Jul 2010 4:01 am using AcqMethod PEST.M
Instrument : Instrument M
Sample Name: 67354-2,,A/C
Misc Info : SOIL
Vial Number: 72



b73100

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 30, 2010

SAMPLE DATA

Lab Sample ID: 67354-3
Matrix: Solid
Percent Solid: 95
Dilution Factor: 1.0
Collection Date: 07/26/10
Lab Receipt Date: 07/27/10
Extraction Date: 07/27/10
Analysis Date: 07/29/10

CLIENT SAMPLE ID

Project Name: Amistad Academy
Project Number: 223019
Field Sample ID: AA-VSS-198

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	**615**
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	92	%
Decachlorobiphenyl	72	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides I1
Column ID: 0.25 mm

SDG: 67354
Sample: 67354-3,,A/C
Data File: M28159.D
Dilution Factor: 1.0

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	615	497	21.3	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

PCB FORM 10

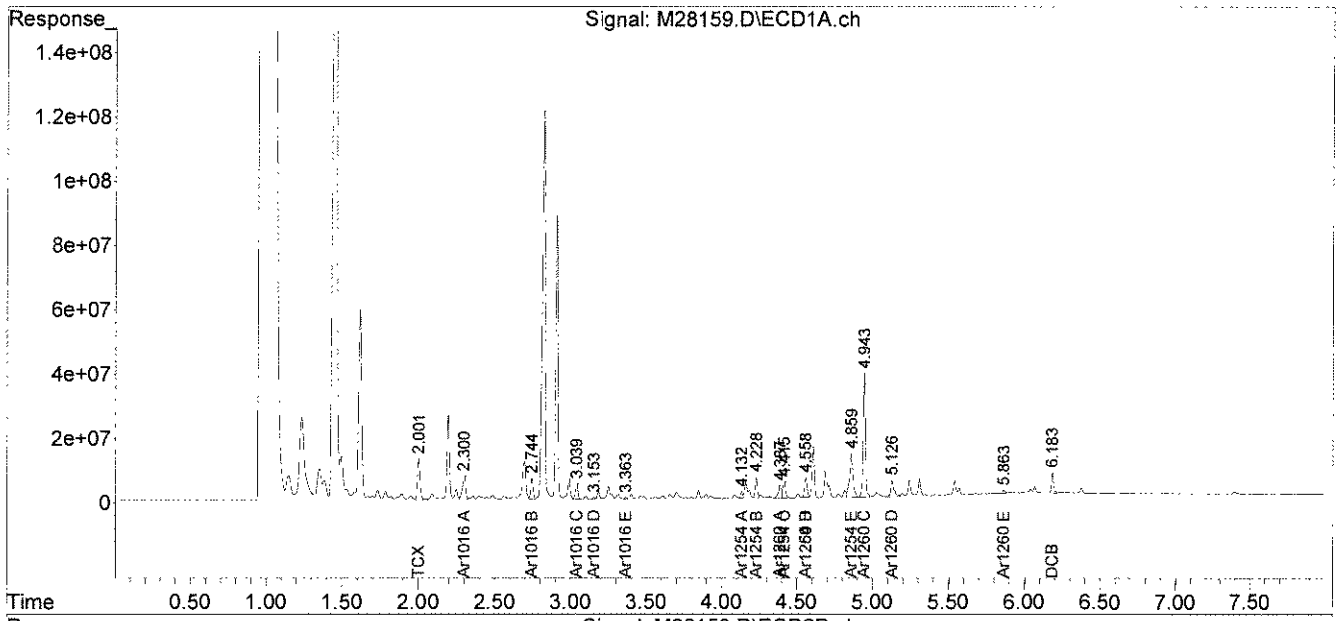
Quantitation Report (QT Reviewed)

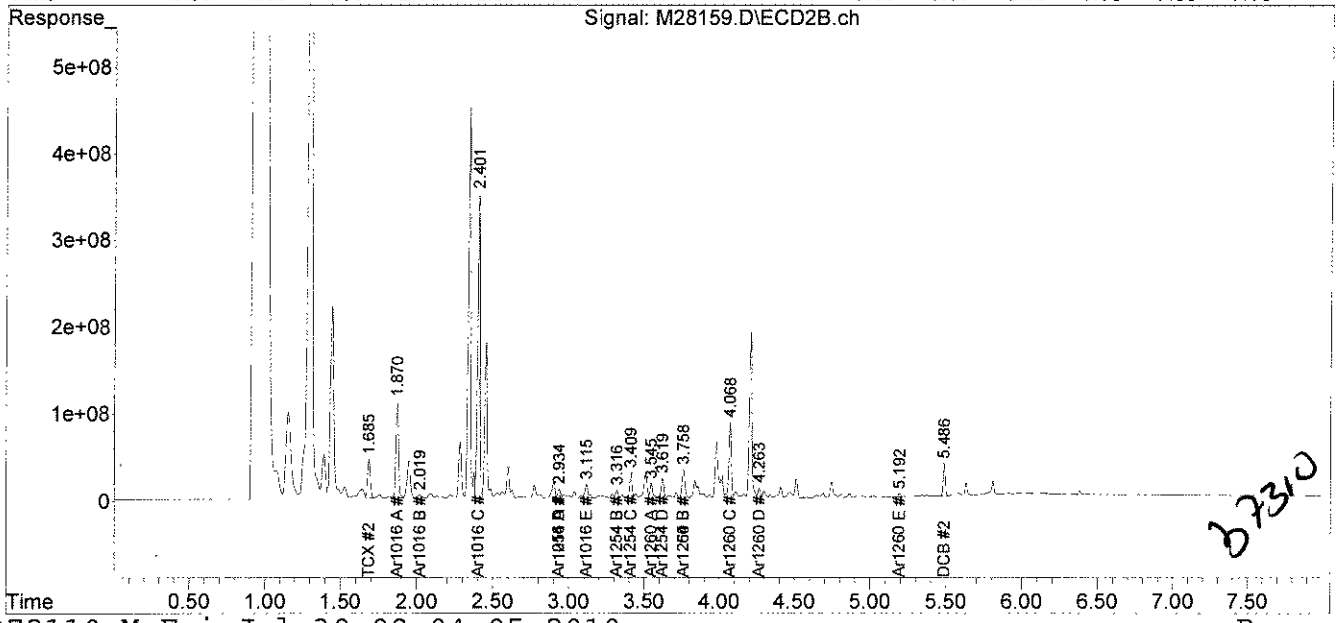
Data Path : C:\msdchem\1\DATA\072810-M\
Data File : M28159.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jul 2010 4:12 am
Operator : JK
Sample : 67354-3,,A/C
Misc : SOIL
ALS Vial : 73 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 30 08:03:55 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um

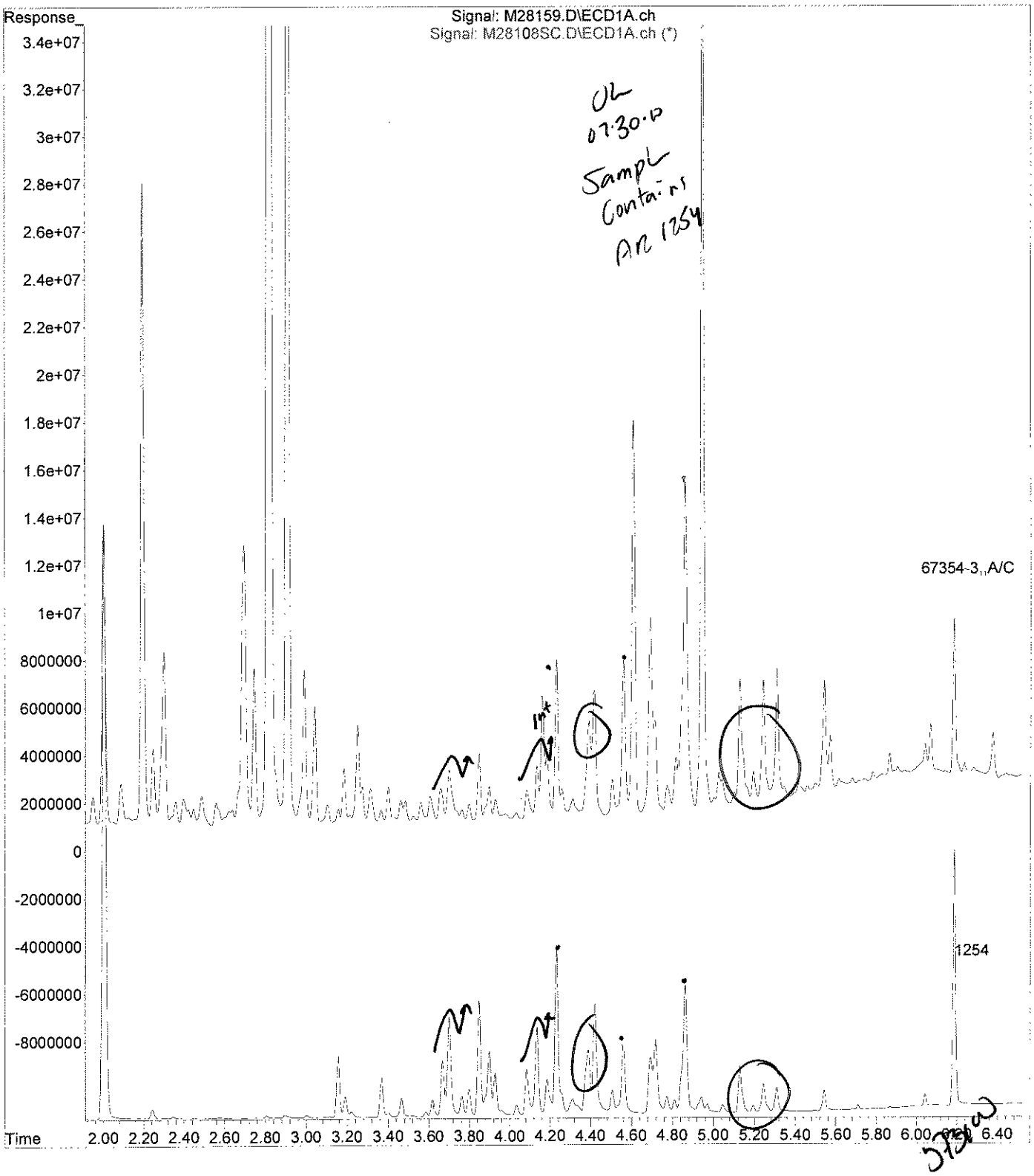
JL 07.30.10





07310

File :C:\msdchem\1\DATA\072810-M\M28159.D
Operator : JK
Acquired : 29 Jul 2010 4:12 am using AcqMethod PEST.M
Instrument : Instrument M
Sample Name: 67354-3,,A/C
Misc Info : SOIL
Vial Number: 73



analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 30, 2010

SAMPLE DATA

Lab Sample ID:	67354-4
Matrix:	Solid
Percent Solid:	95
Dilution Factor:	1.0
Collection Date:	07/26/10
Lab Receipt Date:	07/27/10
Extraction Date:	07/27/10
Analysis Date:	07/29/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-599

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	**1020**
PCB-1260	33	**641**

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	87	%
Decachlorobiphenyl	74	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67354
Sample: 67354-4,,A/C
Data File: M28162.D
Dilution Factor: 1.0

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1260	641	595	7.5	
PCB 1254	1021	860	17.1	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

PCB FORM 10

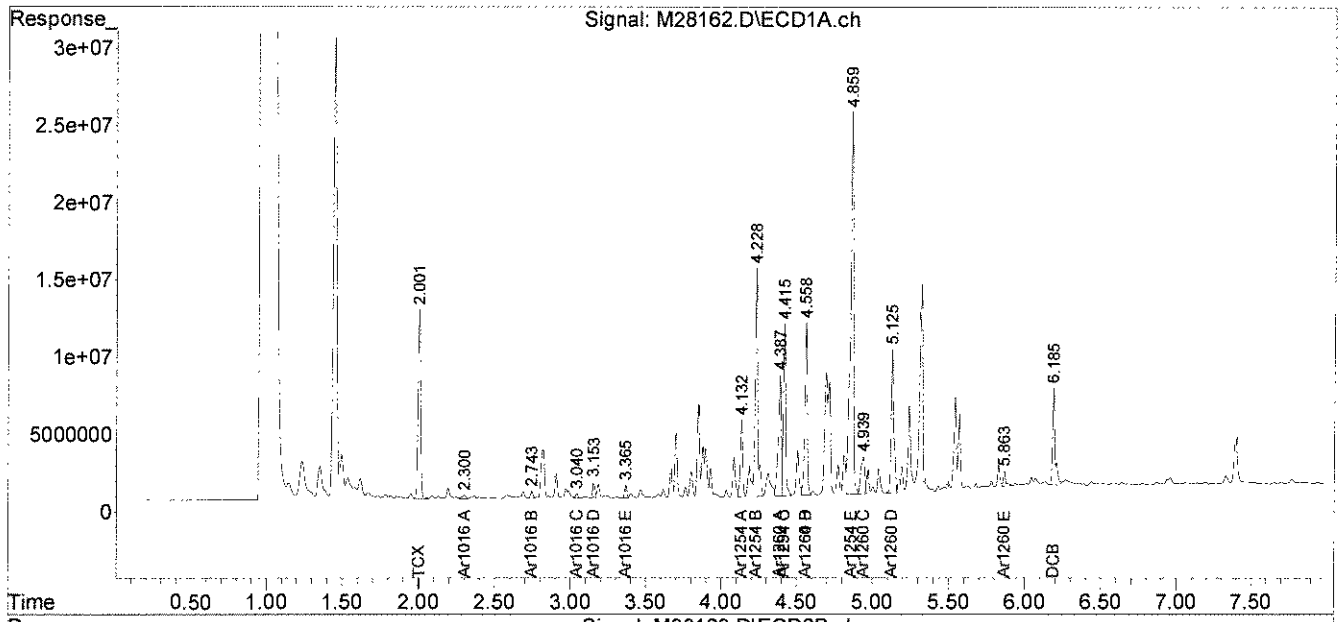
Quantitation Report (QT Reviewed)

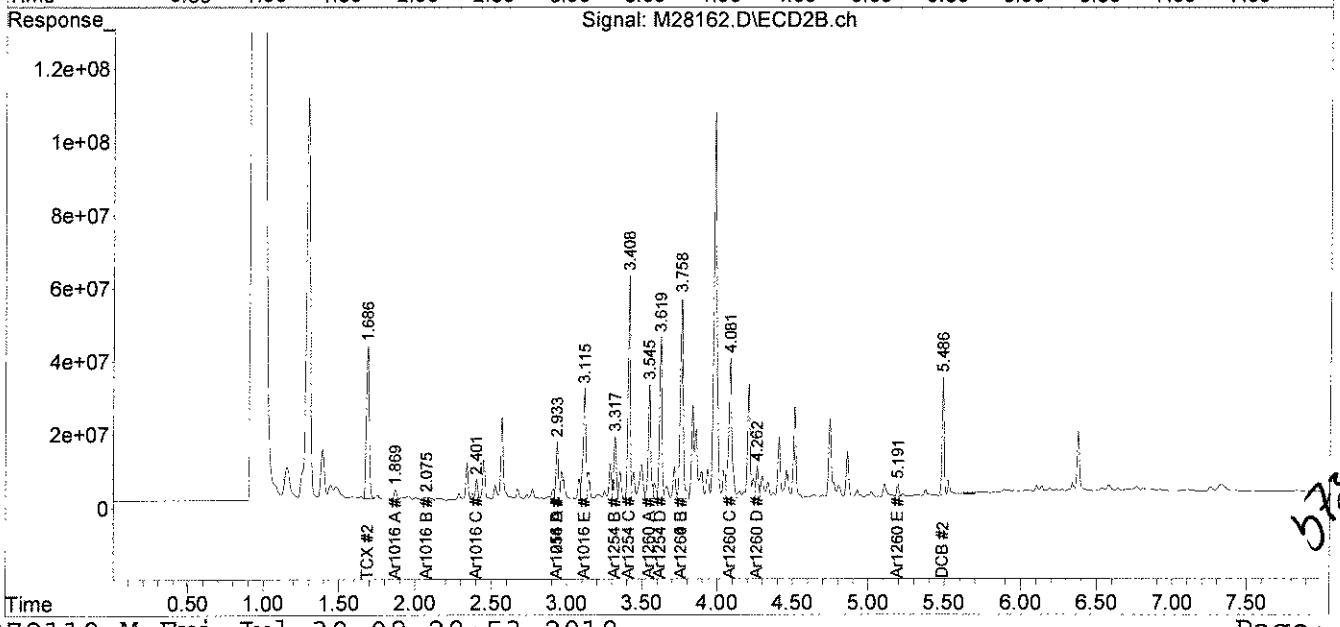
Data Path : C:\msdchem\1\DATA\072810-M\
Data File : M28162.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jul 2010 4:43 am
Operator : JK
Sample : 67354-4,,A/C
Misc : SOIL
ALS Vial : 76 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 29 14:44:17 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um

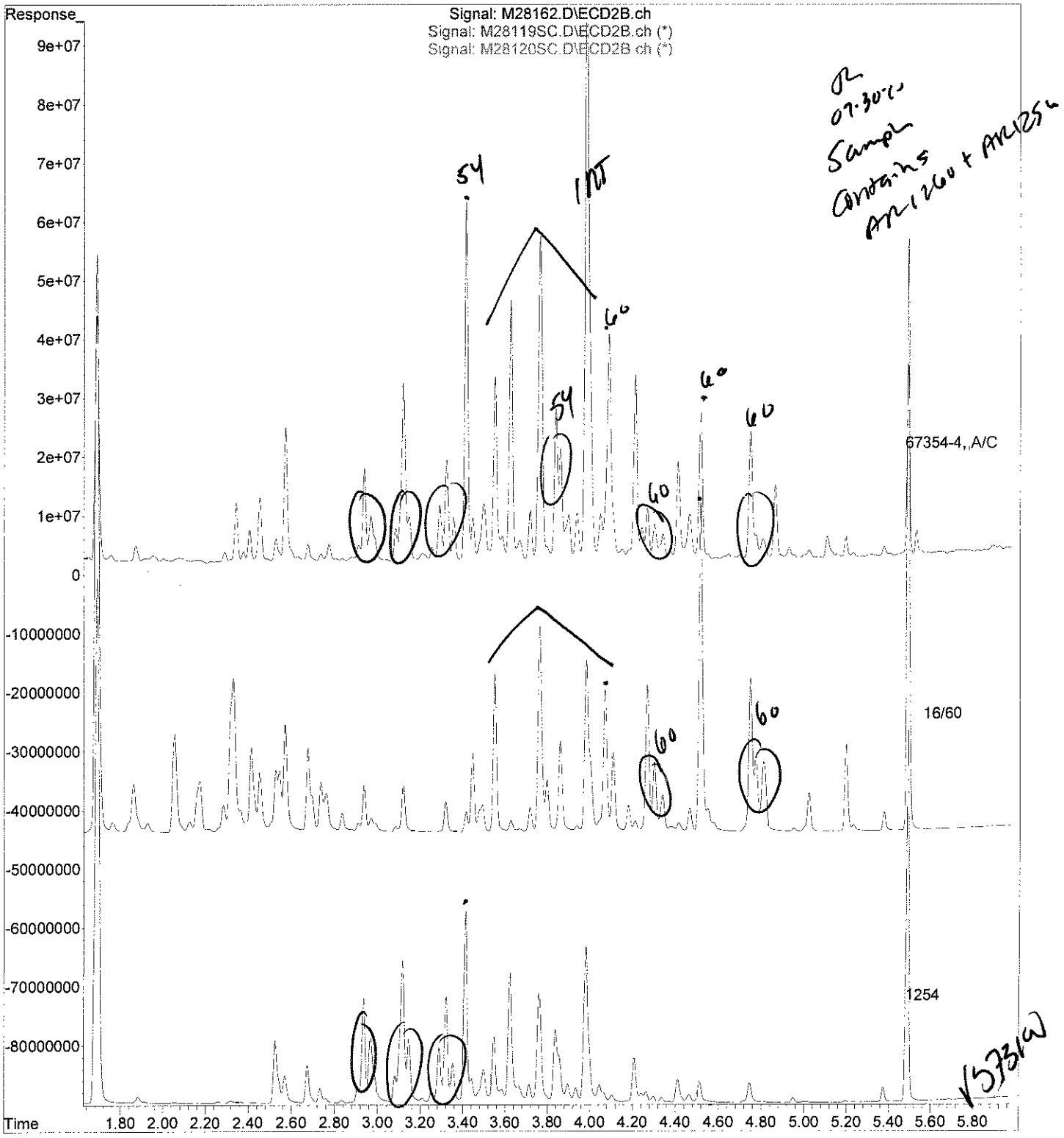
JR 07.30.10





67314

File :C:\msdchem\1\DATA\072810-M\M28162.D
Operator : JK
Acquired : 29 Jul 2010 4:43 am using AcqMethod PEST.M
Instrument : Instrument M
Sample Name: 67354-4,,A/C
Misc Info : SOIL
Vial Number: 76



analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 30, 2010

SAMPLE DATA

Lab Sample ID:	67354-5
Matrix:	Aqueous
Percent Solid:	N/A
Dilution Factor:	1.0
Collection Date:	07/26/10
Lab Receipt Date:	07/27/10
Extraction Date:	07/28/10
Analysis Date:	07/29/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-Q-200

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/L	Results µg/L
PCB-1016	0.2	U
PCB-1221	0.2	U
PCB-1232	0.2	U
PCB-1242	0.2	U
PCB-1248	0.2	U
PCB-1254	0.2	U
PCB-1260	0.2	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	79	%
Decachlorobiphenyl	69	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS:

PCB Report

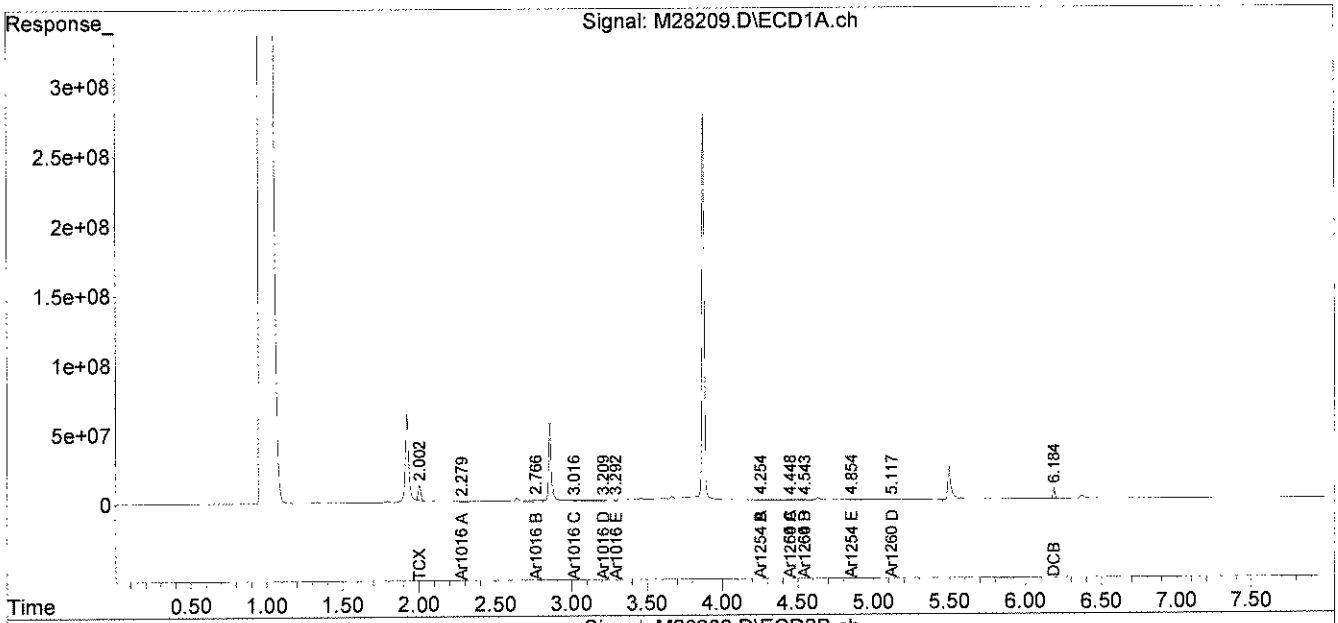
Authorized signature

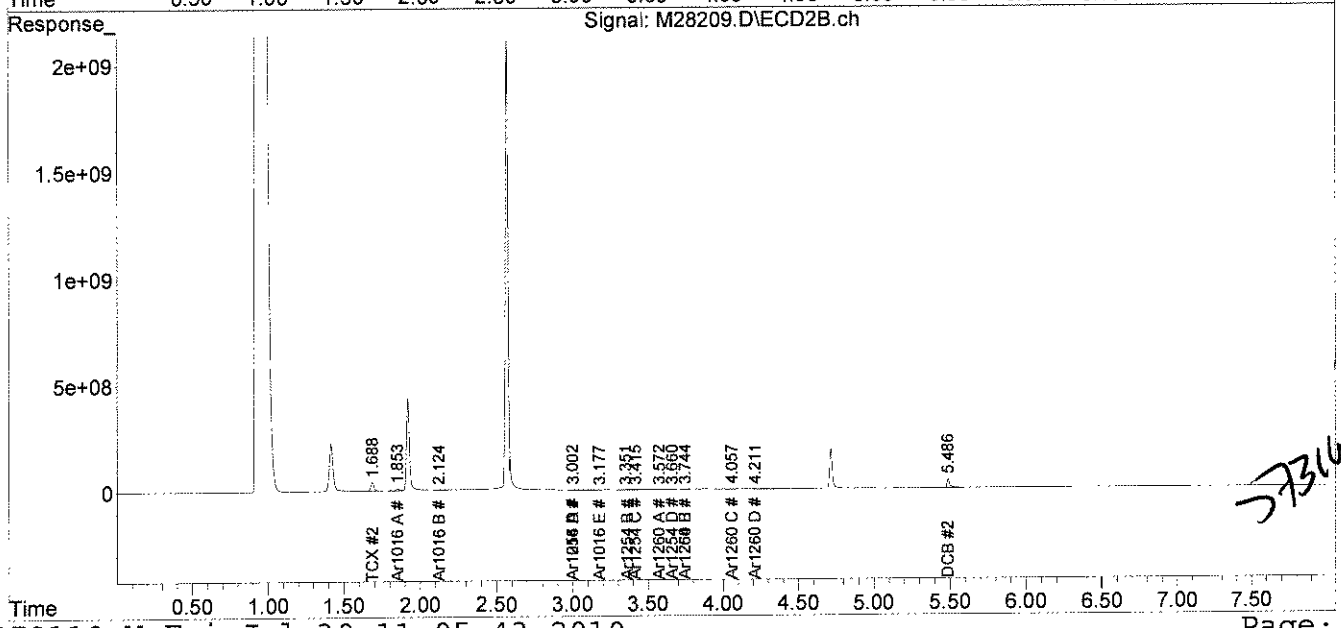
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\072910-M\
Data File : M28209.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jul 2010 5:31 pm
Operator : JK
Sample : 67354-5
Misc :
ALS Vial : 16 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 30 11:05:37 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 30, 2010

SAMPLE DATA

Lab Sample ID:	67354-6
Matrix:	Solid
Percent Solid:	95
Dilution Factor:	1.0
Collection Date:	07/26/10
Lab Receipt Date:	07/27/10
Extraction Date:	07/27/10
Analysis Date:	07/29/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-201

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	91	%
Decachlorobiphenyl	68	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

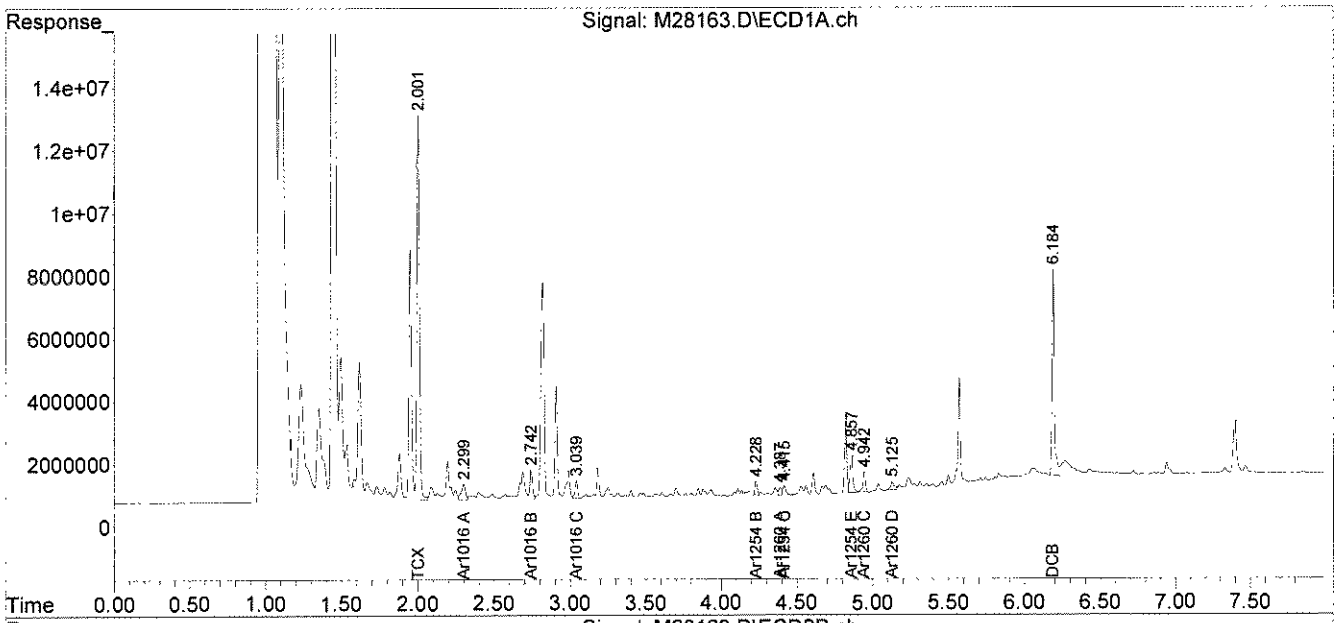
Quantitation Report (Not Reviewed)

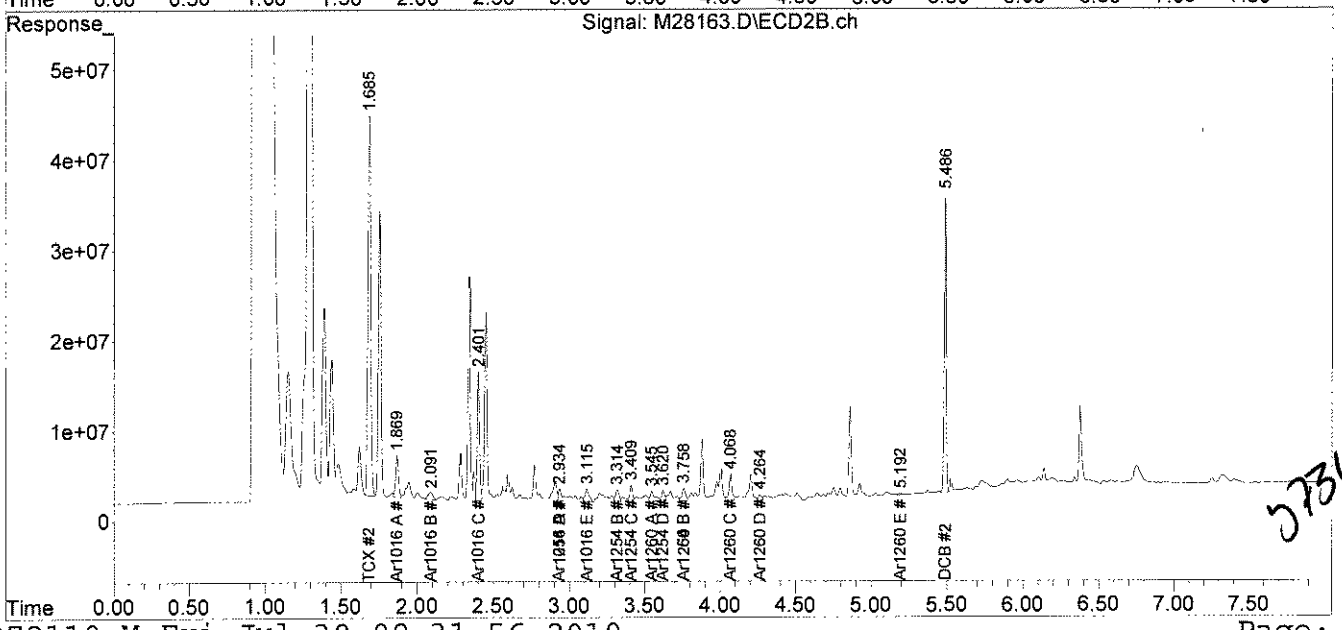
Data Path : C:\msdchem\1\DATA\072810-M\
Data File : M28163.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jul 2010 4:53 am
Operator : JK
Sample : 67354-6,,A/C (~~Sig #1); 67354-5,,A/C (Sig #2)~~
Misc : SOIL
ALS Vial : 77 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 30 09:31:56 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:29 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um

JR 07.30.10





JR 07.30.10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 30, 2010

SAMPLE DATA

Lab Sample ID:	67354-7
Matrix:	Solid
Percent Solid:	97
Dilution Factor:	1.0
Collection Date:	07/26/10
Lab Receipt Date:	07/27/10
Extraction Date:	07/27/10
Analysis Date:	07/29/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-202

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	83	%
Decachlorobiphenyl	67	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

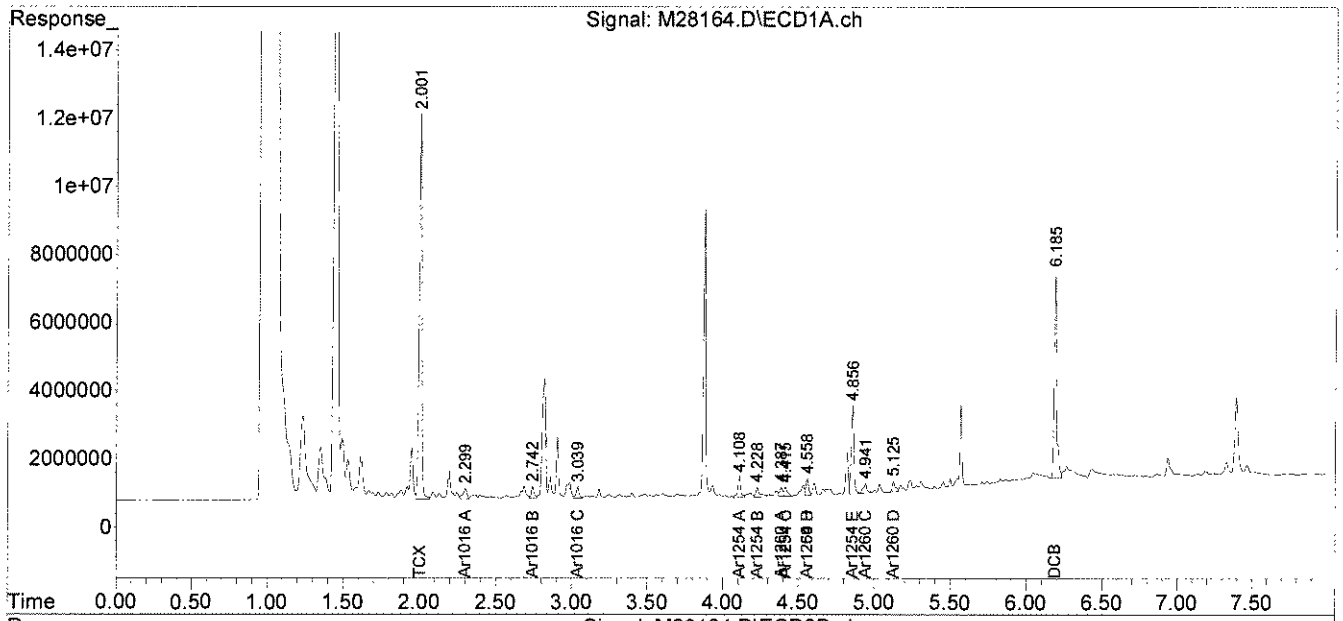
Quantitation Report (Not Reviewed)

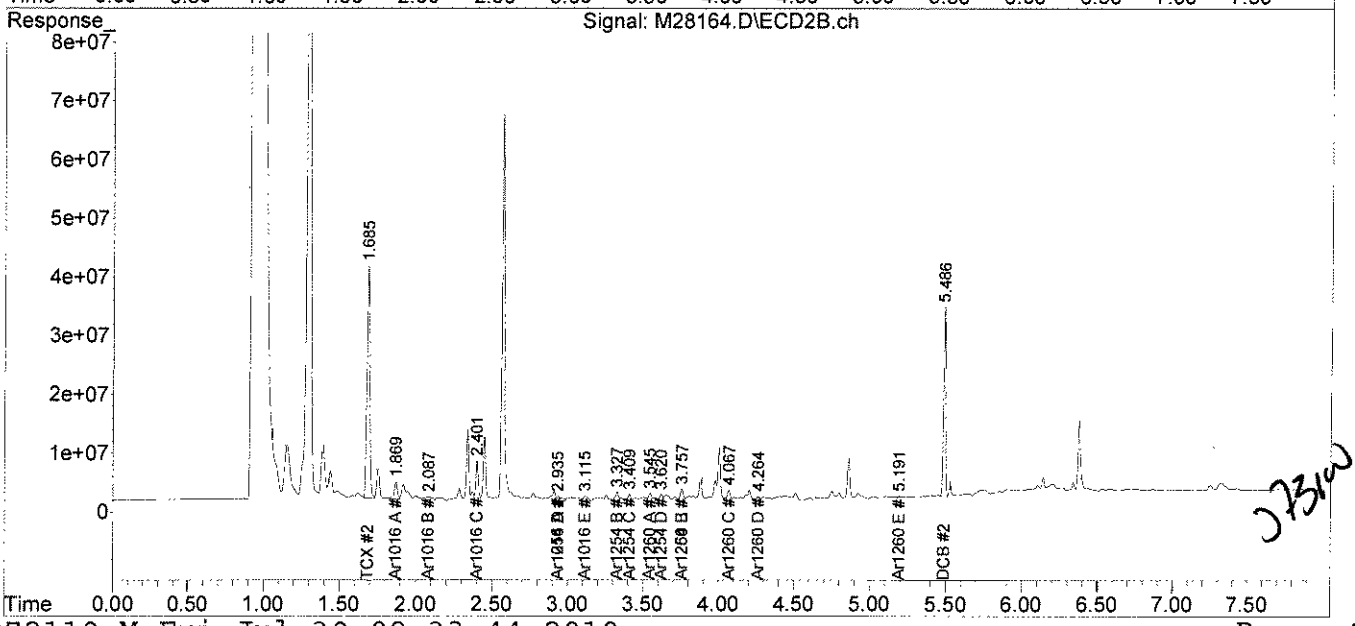
Data Path : C:\msdchem\1\DATA\072810-M\
Data File : M28164.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jul 2010 5:03 am
Operator : JK
Sample : 67354-7,,A/C (~~Sig #1); 67354-6,,A/C (~~Sig #2)
Misc : SOIL
ALS Vial : 78 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 29 14:44:22 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um

JL 07.30.10





JL 07.30.10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 30, 2010

SAMPLE DATA

Lab Sample ID:	67354-8
Matrix:	Solid
Percent Solid:	97
Dilution Factor:	1.0
Collection Date:	07/26/10
Lab Receipt Date:	07/27/10
Extraction Date:	07/27/10
Analysis Date:	07/29/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-203

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	91	%
Decachlorobiphenyl	73	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB Report

Authorized signature

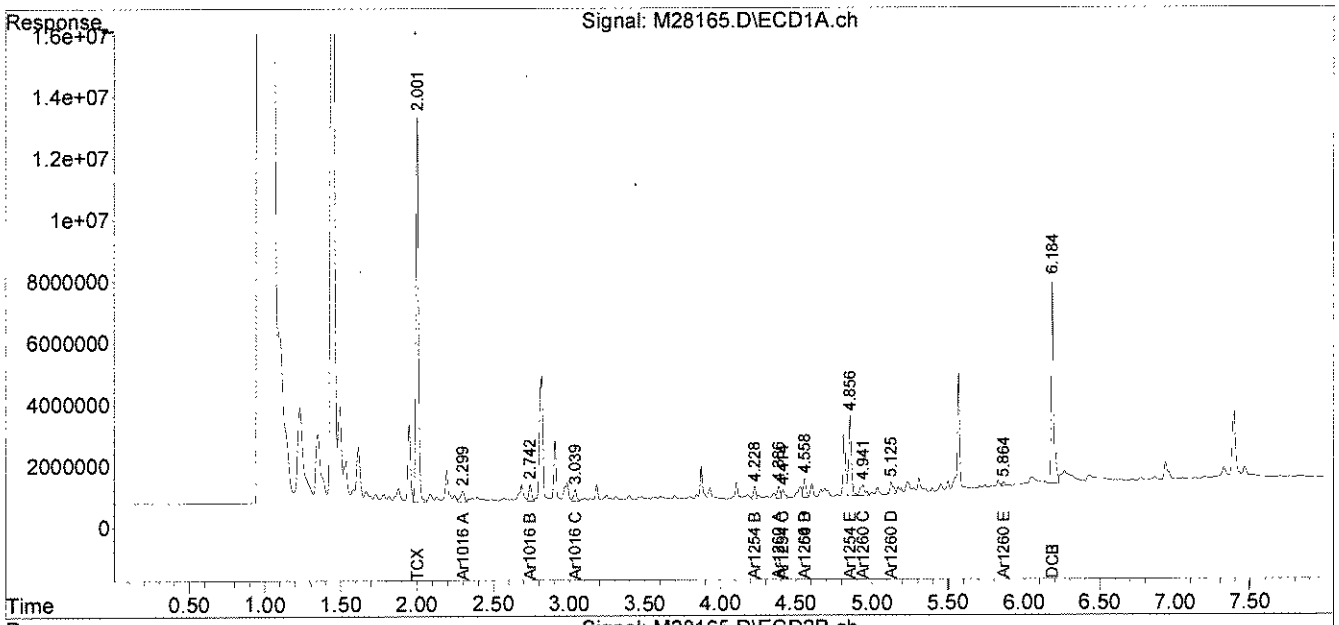
Quantitation Report (Not Reviewed)

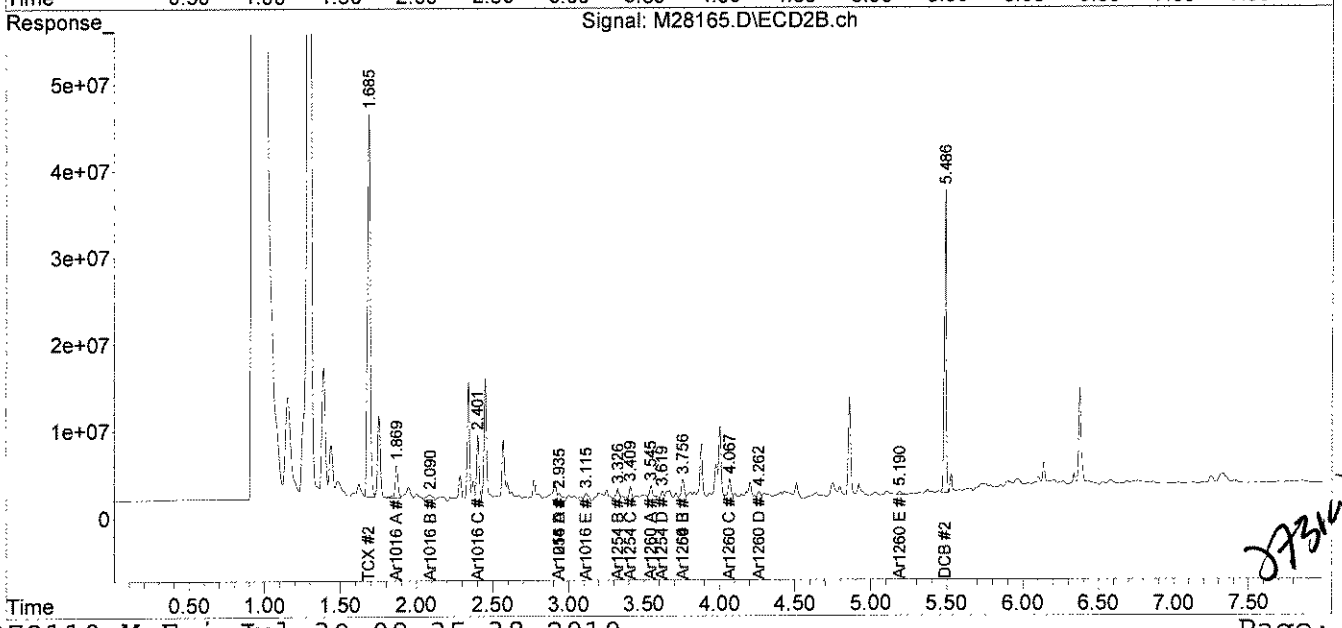
Data Path : C:\msdchem\1\DATA\072810-M\
Data File : M28165.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jul 2010 5:13 am
Operator : JK
Sample : 67354-8,,A/C (~~Sig #1); 67354-7,,A/C (Sig #~~2)
Misc : SOIL
ALS Vial : 79 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 29 14:44:24 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

JL 07-30-10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 30, 2010

SAMPLE DATA

Lab Sample ID:	67354-9
Matrix:	Solid
Percent Solid:	97
Dilution Factor:	1.0
Collection Date:	07/26/10
Lab Receipt Date:	07/27/10
Extraction Date:	07/27/10
Analysis Date:	07/29/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-204

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	92	%
Decachlorobiphenyl	70	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

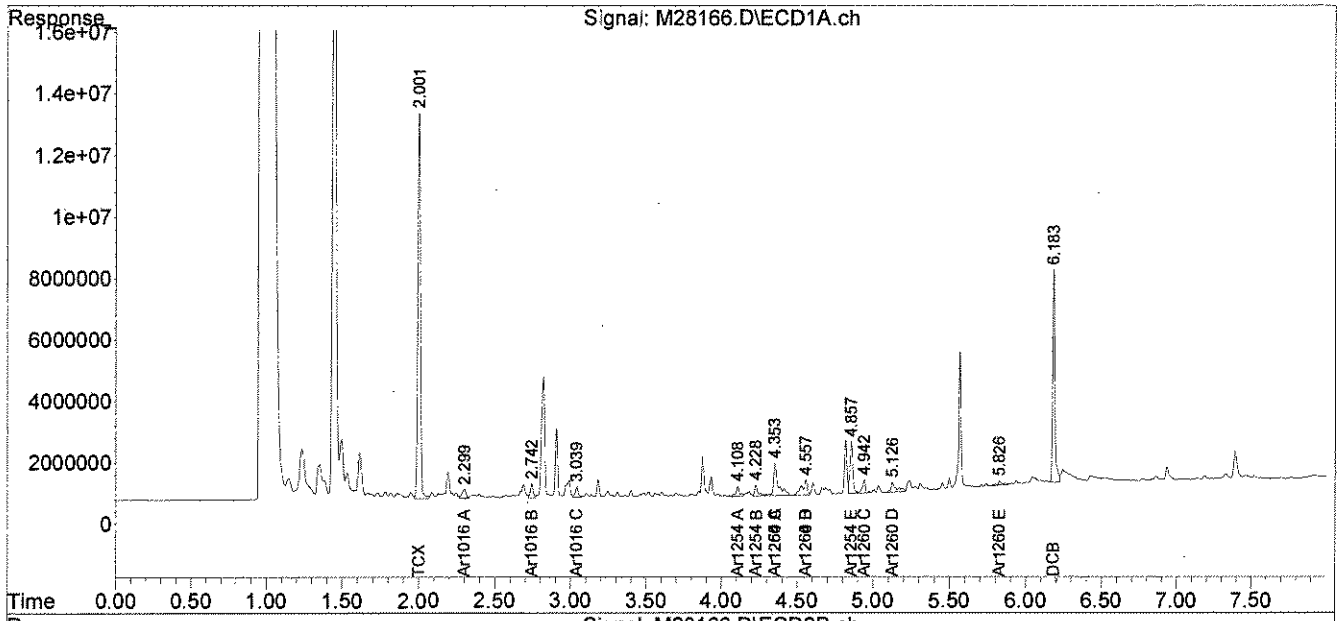
Quantitation Report (Not Reviewed)

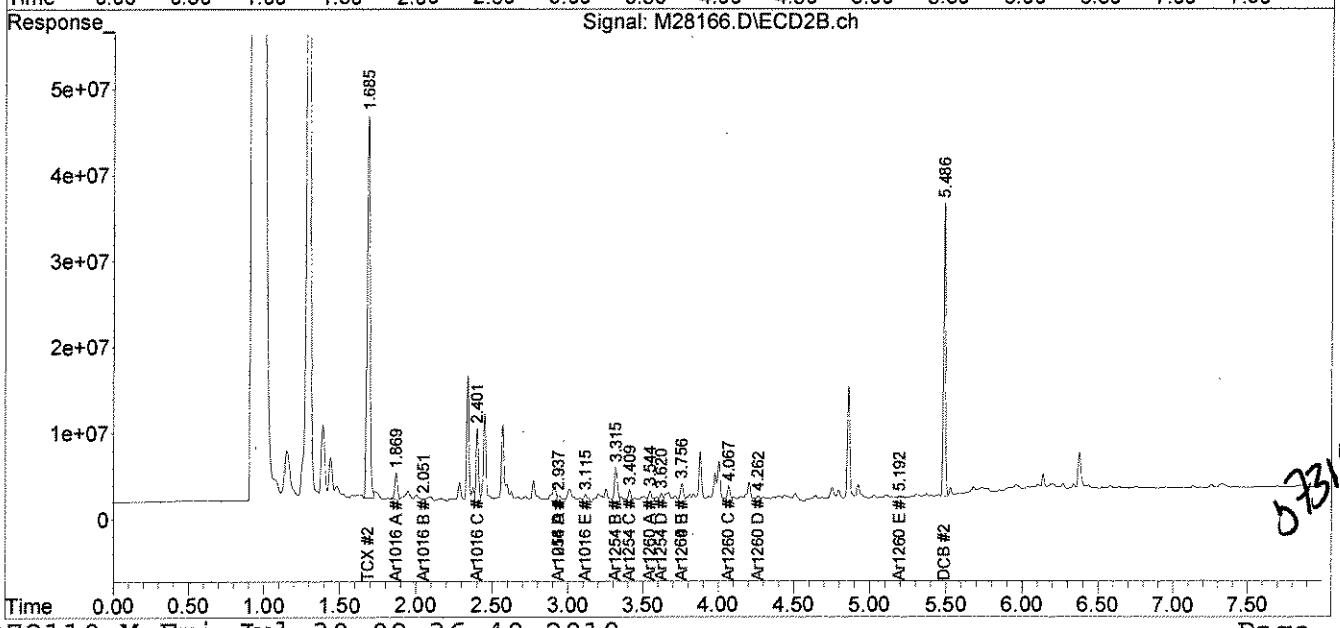
Data Path : C:\msdchem\1\DATA\072810-M\
Data File : M28166.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jul 2010 5:24 am
Operator : JK
Sample : 67354-9,,A/C (~~Sig #1), 67354-8,,A/C (Sig #2)~~
Misc : SOIL
ALS Vial : 80 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 29 14:44:26 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

JL 07.30.10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





07.31.10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 30, 2010

SAMPLE DATA

Lab Sample ID:	67354-10
Matrix:	Solid
Percent Solid:	97
Dilution Factor:	1.0
Collection Date:	07/26/10
Lab Receipt Date:	07/27/10
Extraction Date:	07/27/10
Analysis Date:	07/29/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-205

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	**49**
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	92	%
Decachlorobiphenyl	72	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67354
Sample: 67354-10,,A/C
Data File: M28167.D
Dilution Factor: 1.0

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	36	49	29.5	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

PCB FORM 10

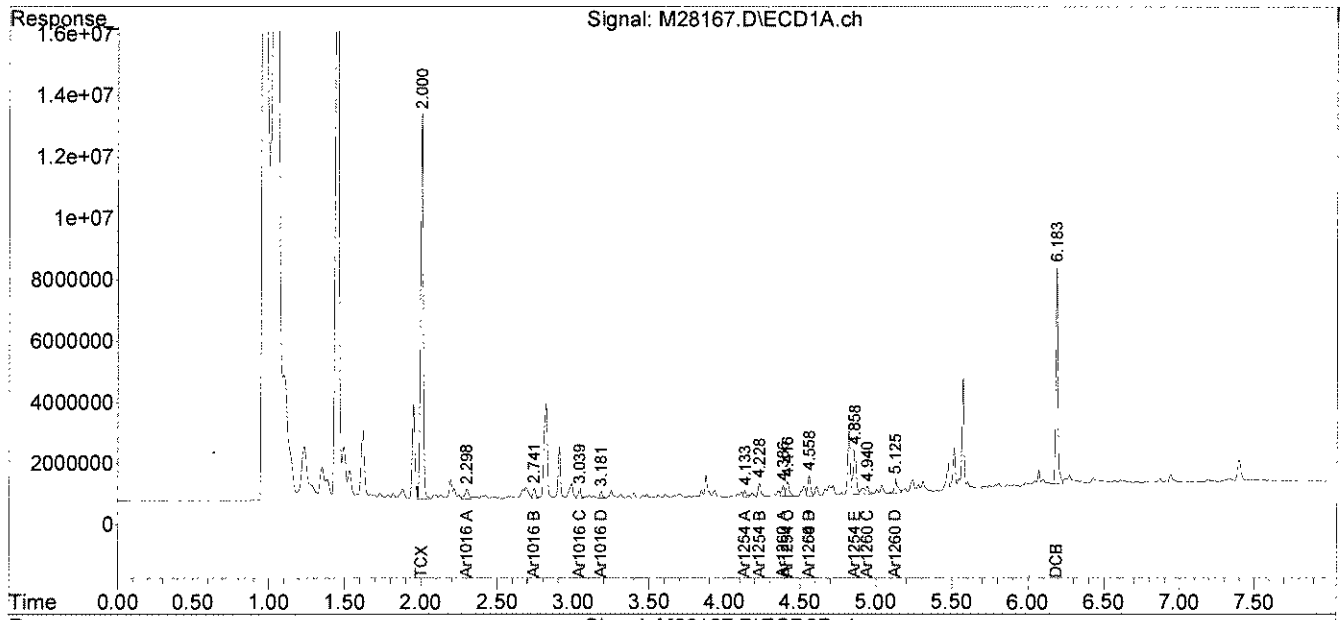
Quantitation Report (Not Reviewed)

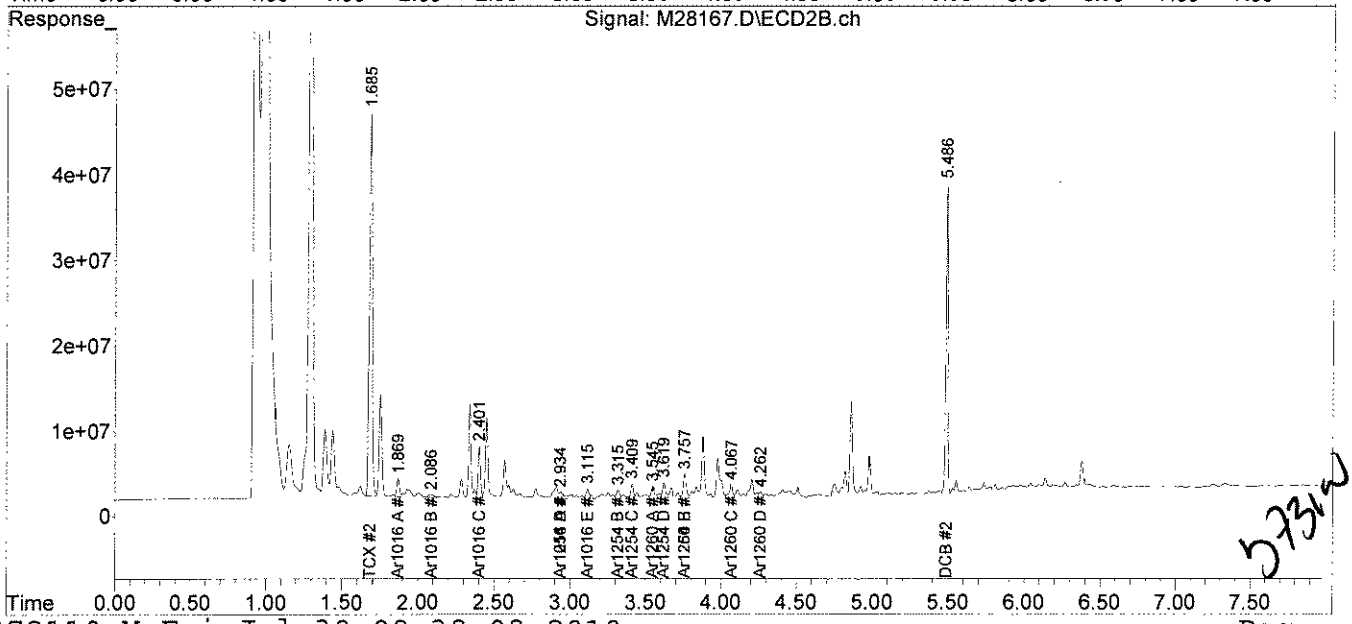
Data Path : C:\msdchem\1\DATA\072810-M\
Data File : M28167.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jul 2010 5:34 am
Operator : JK
Sample : 67354-10,,A/C (~~Sig #1), 67354-9,,A/C (Sig #2~~)
Misc : SOIL
ALS Vial : 81 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 29 14:44:28 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

JR 7.30.10

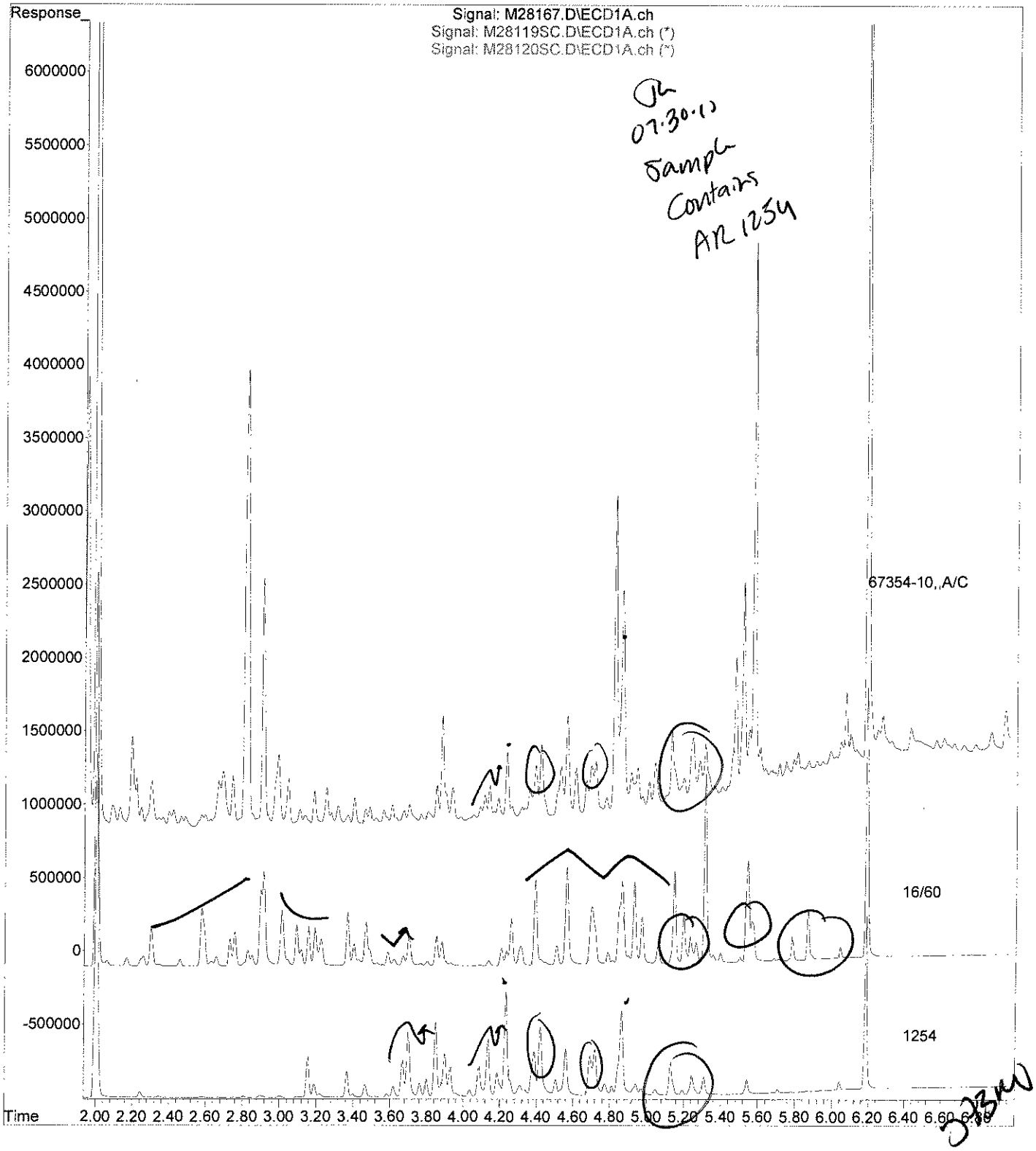
Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





67354

File :C:\msdchem\1\DATA\072810-M\M28167.D
Operator : JK
Acquired : 29 Jul 2010 5:34 am using AcqMethod PEST.M
Instrument : Instrument M
Sample Name: 67354-10,,A/C
Misc Info : SOIL
Vial Number: 81



analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 30, 2010

SAMPLE DATA

Lab Sample ID:	67354-11
Matrix:	Solid
Percent Solid:	98
Dilution Factor:	1.0
Collection Date:	07/26/10
Lab Receipt Date:	07/27/10
Extraction Date:	07/27/10
Analysis Date:	07/29/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-206

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	**52**
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	92	%
Decachlorobiphenyl	72	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67354
Sample: 67354-11,,A/C
Data File: M28168.D
Dilution Factor: 1.0

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	41	52	23.8	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

PCB FORM 10

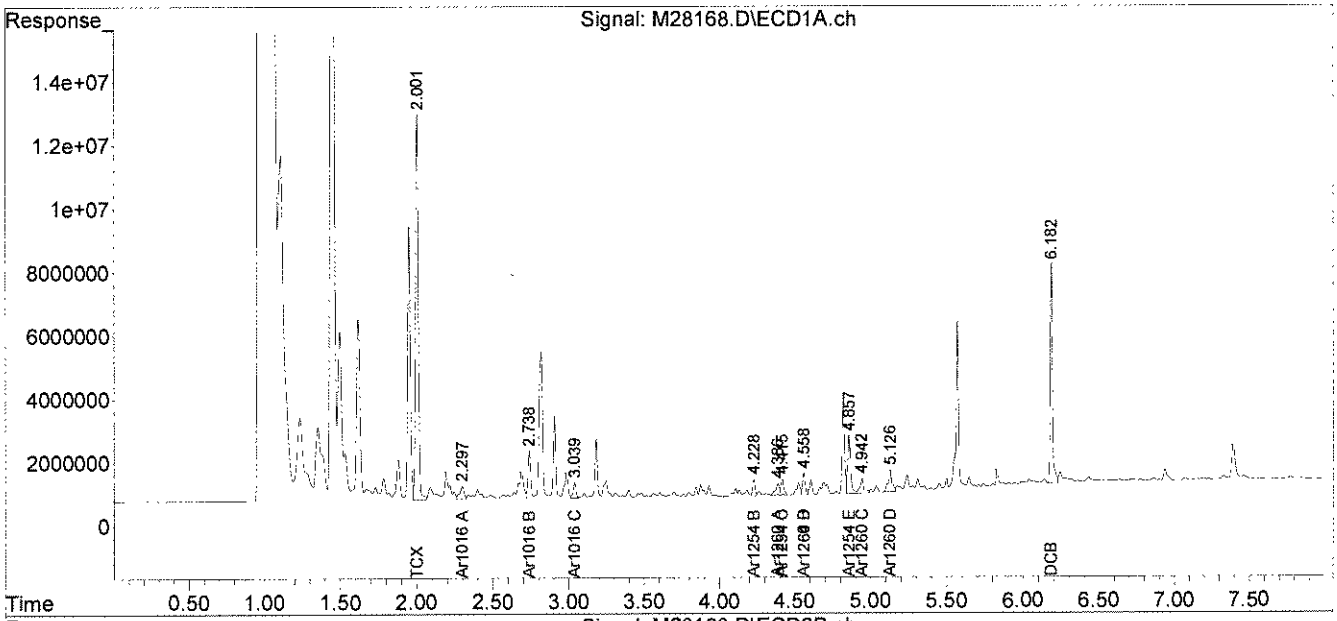
Quantitation Report (Not Reviewed)

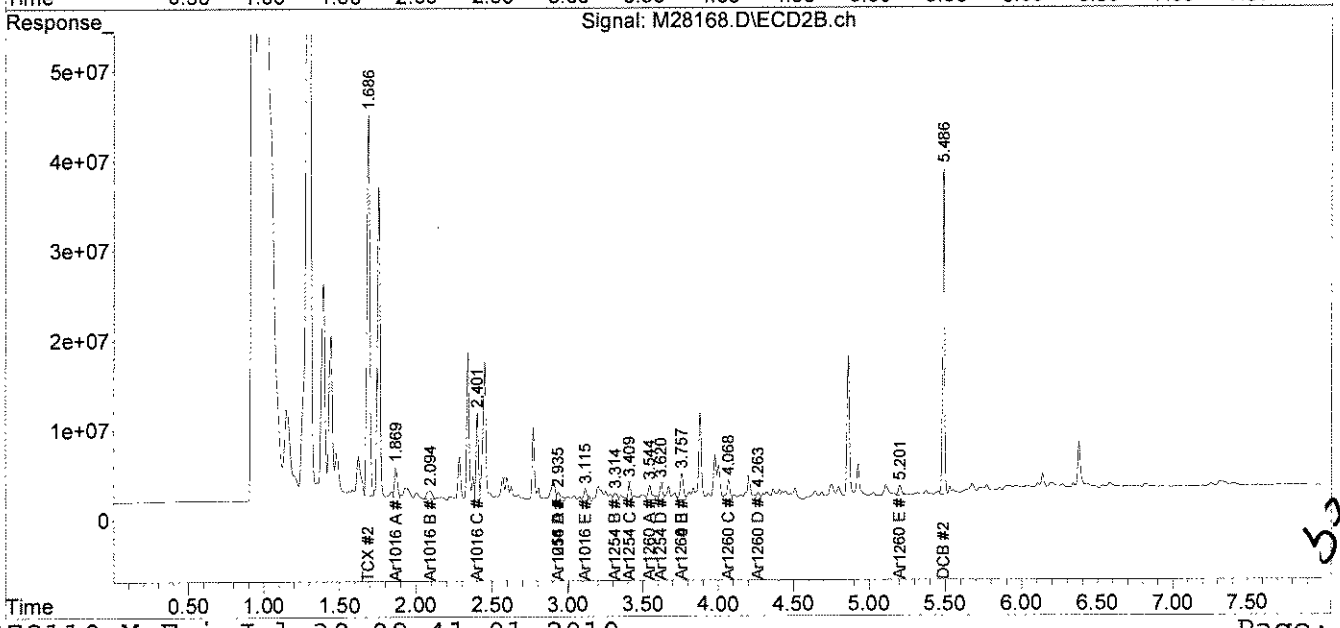
Data Path : C:\msdchem\1\DATA\072810-M\
Data File : M28168.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jul 2010 5:44 am
Operator : JK
Sample : 67354-11,,A/C (~~Sig #1); 67354-10,,A/C (Sig #2~~)
Misc : SOIL
ALS Vial : 82 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 29 14:44:30 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

JR 07.30.10

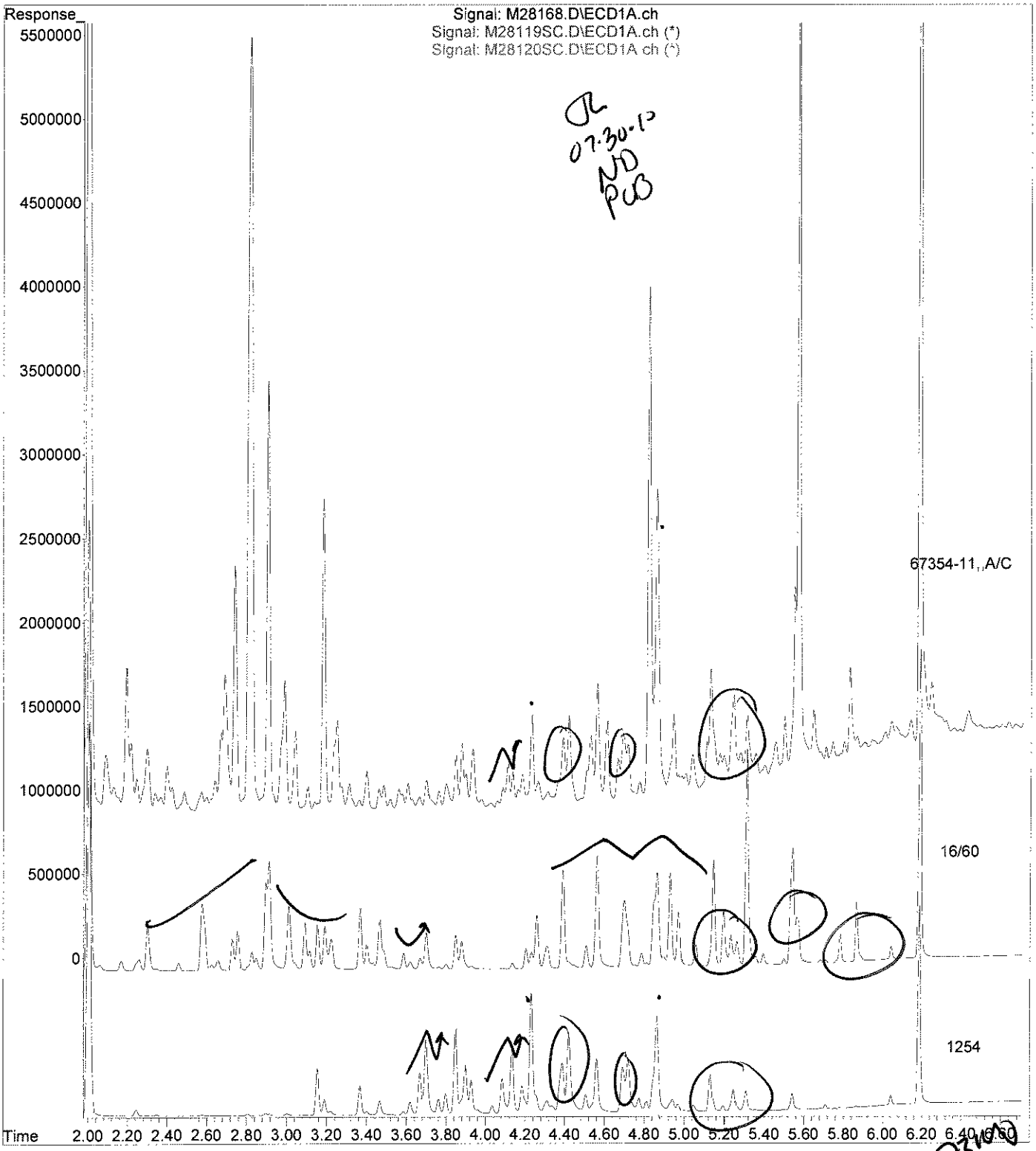
Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





67314

File :C:\msdchem\1\DATA\072810-M\M28168.D
Operator : JK
Acquired : 29 Jul 2010 5:44 am using AcqMethod PEST.M
Instrument : Instrument M
Sample Name: 67354-11,,A/C
Misc Info : SOIL
Vial Number: 82



analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 30, 2010

SAMPLE DATA

Lab Sample ID:	67354-12
Matrix:	Solid
Percent Solid:	74
Dilution Factor:	1.3
Collection Date:	07/26/10
Lab Receipt Date:	07/27/10
Extraction Date:	07/27/10
Analysis Date:	07/29/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-207

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	43	U
PCB-1221	43	U
PCB-1232	43	U
PCB-1242	43	U
PCB-1248	43	U
PCB-1254	43	U
PCB-1260	43	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	92	%
Decachlorobiphenyl	74	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

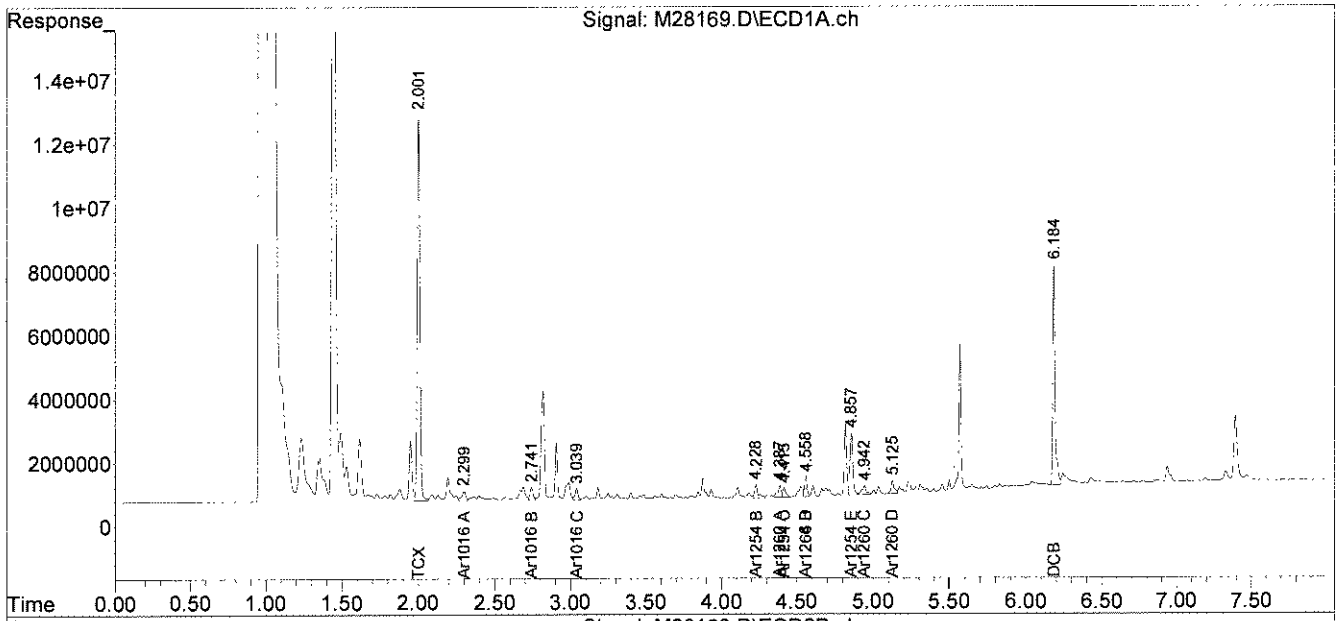
Quantitation Report (Not Reviewed)

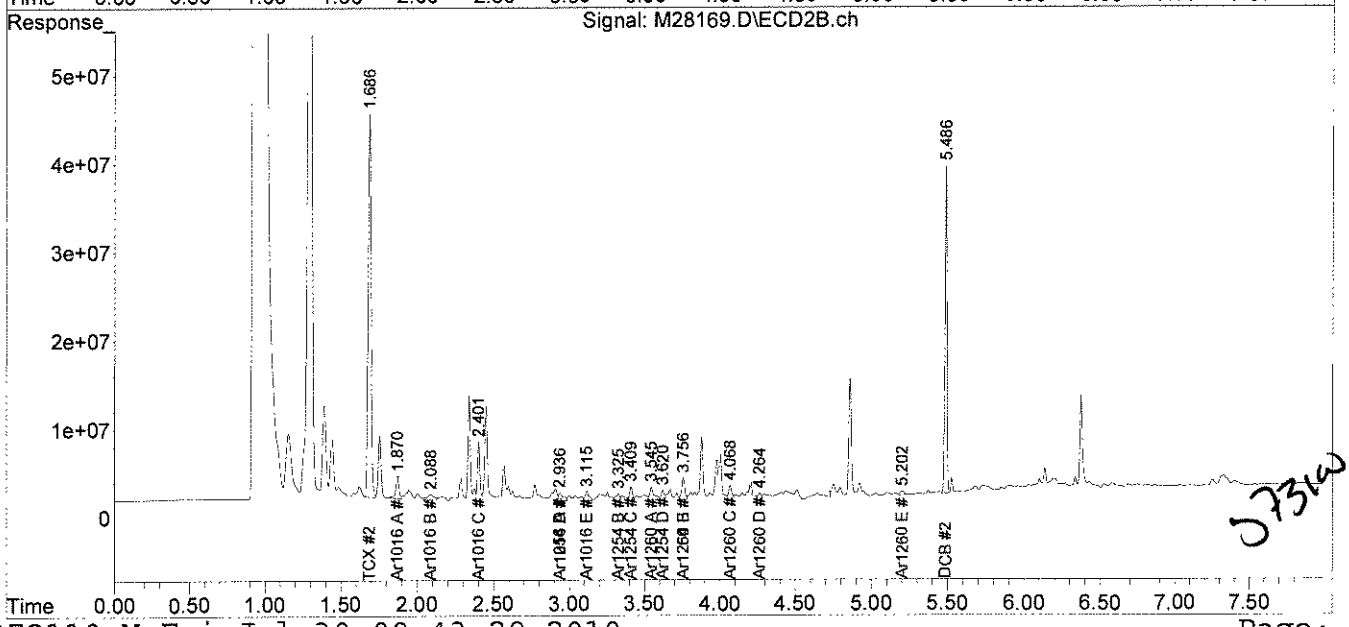
Data Path : C:\msdchem\1\DATA\072810-M\
Data File : M28169.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jul 2010 5:55 am
Operator : JK
Sample : 67354-12,,A/C (~~Sig #1), 67354-11,,A/C (Sig~~ #2)
Misc : SOIL
ALS Vial : 83 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 29 14:44:33 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

JL 07.30.10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





67354

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 30, 2010

SAMPLE DATA

Lab Sample ID:	67354-13
Matrix:	Solid
Percent Solid:	98
Dilution Factor:	1.0
Collection Date:	07/26/10
Lab Receipt Date:	07/27/10
Extraction Date:	07/27/10
Analysis Date:	07/29/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-208

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	96	%
Decachlorobiphenyl	70	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

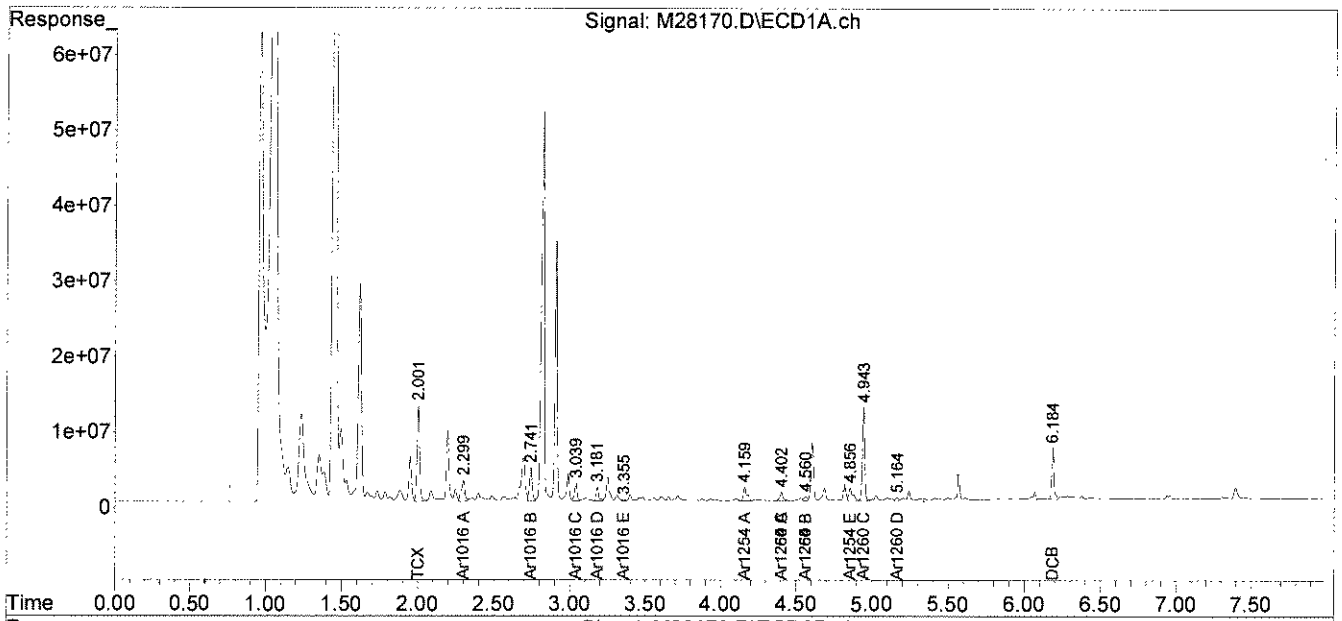
Authorized signature

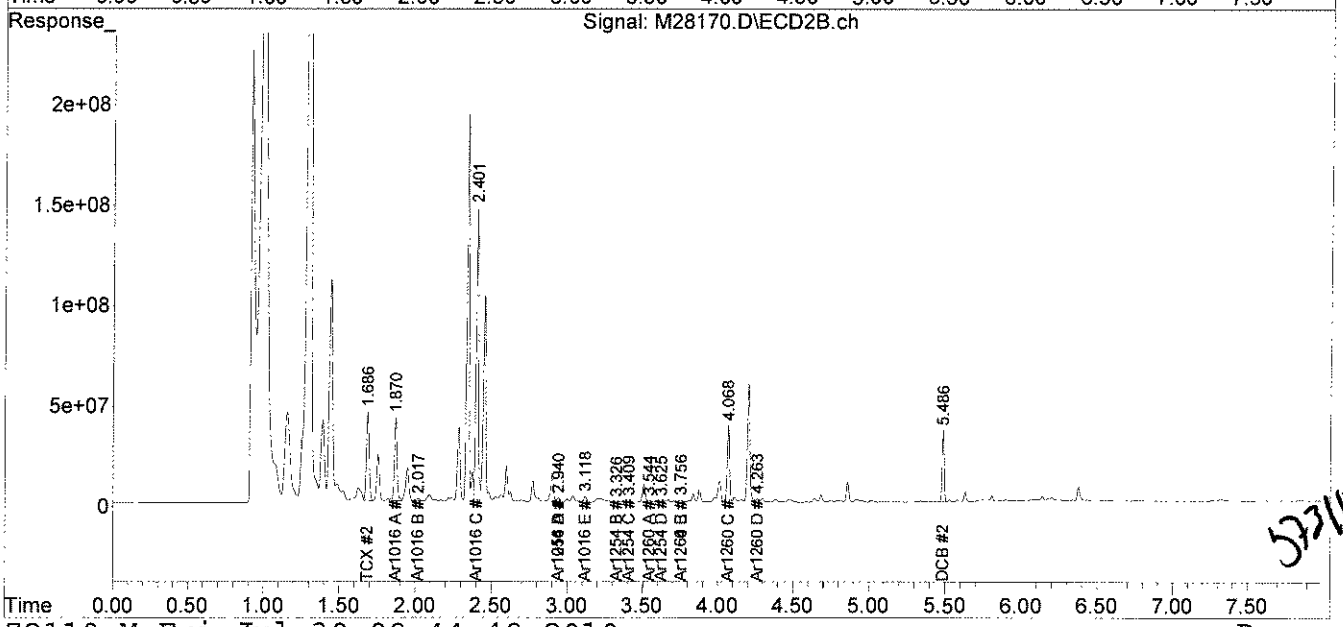
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\072810-M\
Data File : M28170.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jul 2010 6:05 am
Operator : JK
Sample : 67354-13,,A/C ~~(Sig #1), 67354-12,,A/C (Sig #~~2)
Misc : SOIL
ALS Vial : 84 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 29 14:44:35 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 30, 2010

SAMPLE DATA

Lab Sample ID:	67354-14
Matrix:	Solid
Percent Solid:	97
Dilution Factor:	1.0
Collection Date:	07/26/10
Lab Receipt Date:	07/27/10
Extraction Date:	07/27/10
Analysis Date:	07/29/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-209

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	**75**
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	93	%
Decachlorobiphenyl	73	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67354
Sample: 67354-14,,A/C
Data File: M28171.D
Dilution Factor: 1.0

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	75	68	10.4	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

PCB FORM 10

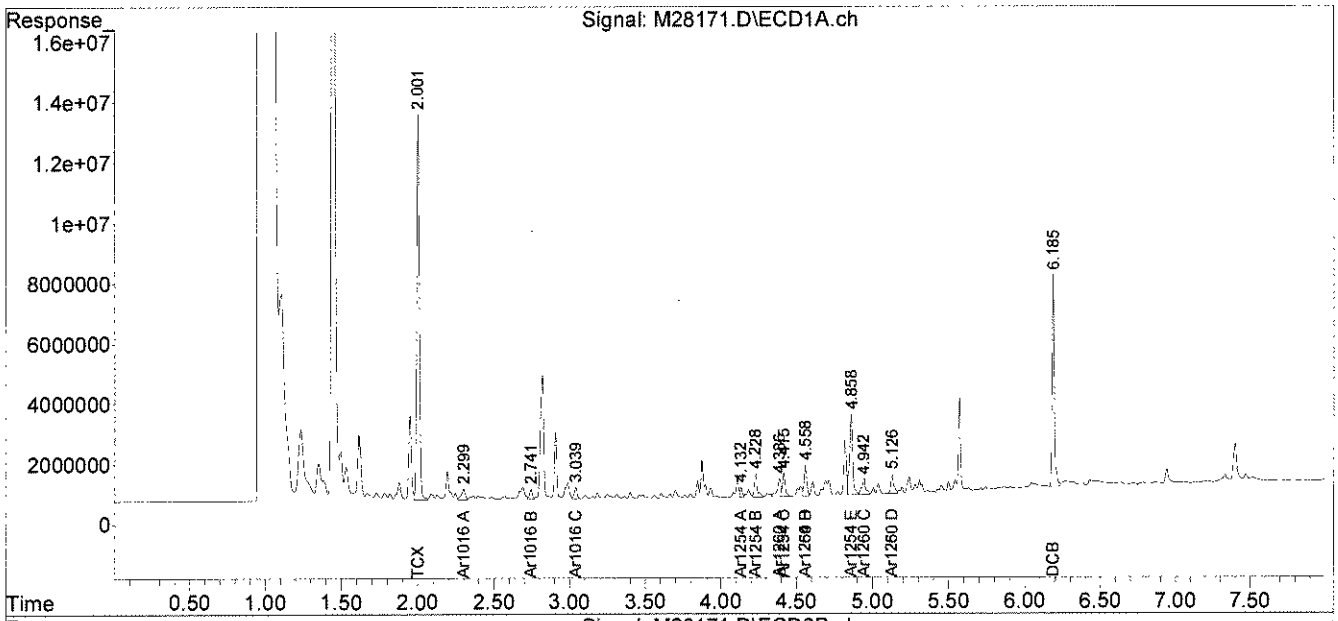
Quantitation Report (Not Reviewed)

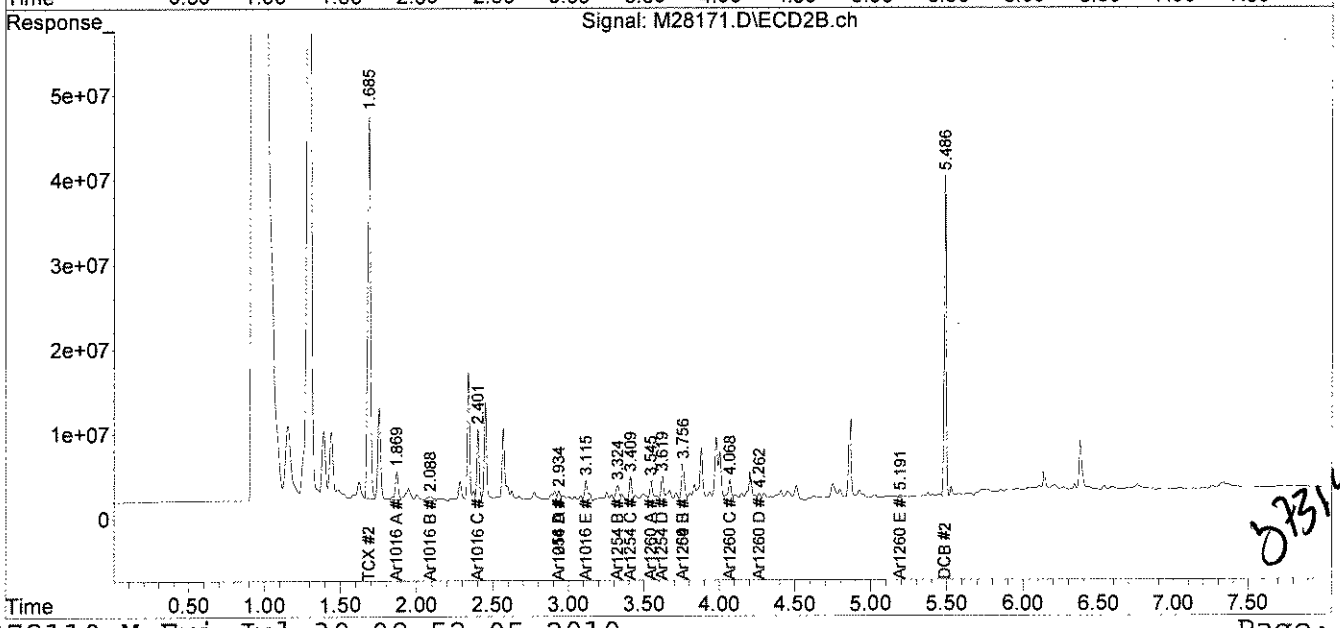
Data Path : C:\msdchem\1\DATA\072810-M\
Data File : M28171.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jul 2010 6:15 am
Operator : JK
Sample : 67354-14,,A/C ~~(Sig #1); 67354-13,,A/C (Sig~~ #2)
Misc : SOIL
ALS Vial : 85 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 29 14:44:38 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

JK 07-30-10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





0731W

PCB
QC FORMS

AnalyticsLLC:AEL Documents LLC:Pkg Dividers:PCBQC.doc

PCB SOIL
SYSTEM MONITORING COMPOUNDS
SUMMARY

Instrument ID: M
GC Column #1: STX-CLPesticides 1
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67354

	Column #1				Column #2			
SAMPLE ID	SMC 1 (%)	#	SMC 2 (%)	#	SMC 1 (%)	#	SMC 2 (%)	#
B072710PSOX2,,A/C	91		75		91		77	
L072710PSOX2,,A/C	96		76		93		77	
LD072710PSOX2,,A/C	100		78		92		76	
67354-1,,A/C	70		69		53		89	
67354-2,,A/C	98		63		91		88	
67354-3,,A/C	97		63		92		72	
67354-3,MS,,A/C	90		67		95		63	
67354-3,MSD,,A/C	89		66		93		58	
67354-4,,A/C	87		74		87		59	
67354-6,,A/C	91		68		90		59	
67354-7,,A/C	83		67		85		57	
67354-8,,A/C	91		73		93		62	
67354-9,,A/C	92		70		95		60	
67354-10,,A/C	92		72		96		66	
67354-11,,A/C	92		72		92		66	
67354-12,,A/C	92		74		94		66	
67354-13,,A/C	96		70		92		64	
67354-14,,A/C	93		73		96		68	

		Lower Limit	Upper Limit
SMC #1 =	TCX	40	130
SMC #2 =	DCB	40	130

\# Column to be used to flag recovery values outside of QC limits
* Values outside QC limits
D System Monitoring Compound diluted out

PCB AQUEOUS
SYSTEM MONITORING COMPOUNDS
SUMMARY

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67354

	Column #1				Column #2			
SAMPLE ID	SMC 1 (%)	#	SMC 2 (%)	#	SMC 1 (%)	#	SMC 2 (%)	#
B072810PW	96		71		90		94	
L072810PWB	75		70		86		105	
LD072810PWB	77		73		93		121	
67354-5	79		69		93		112	

		Lower Limit	Upper Limit
SMC #1 =	TCX	46	122
SMC #2 =	DCB	40	135

Column to be used to flag recovery values outside of QC limits
* Values outside QC limits
D System Monitoring Compound diluted out

PCB SOIL
LABORATORY CONTROL SAMPLE/DUPLICATE
PERCENT RECOVERY

Instrument ID: M

GC Column #1: STX-CLPesticides I

Column ID: 0.25 mm

GC Column #2: STX-CLPesticides II

Column ID: 0.25 mm

SDG: 67354

Non-spiked sample: B072710PSOX2,,A/C

Spike: L072710PSOX2,,A/C

Spike duplicate: LD072710PSOX2,,A/C

COMPOUND	LCS SPIKE ADDED (ug/kg)	LCSD SPIKE ADDED (ug/kg)	LOWER LIMIT	UPPER LIMIT	RPD LIMIT	NON-SPIKE RESULT (ug/kg)	SPIKE RESULT (ug/kg)	SPIKE % REC	#	SPIKE DUP RESULT (ug/kg)	SPIKE DUP % REC	#	RPD	#
PCB 1016	200	200	65	140	30	0	196	98		208	104		6.1	
PCB 1260	200	200	60	130	30	0	230	115		248	124		7.6	
PCB 1016 #2	200	200	65	140	30	0	249	125		252	126		1.3	
PCB 1260 #2	200	200	60	130	30	0	220	110		235	118		6.5	

Column to be used to flag recovery and RPD values outside of QC limits

* Values outside QC limits

LCS/LCSD spike added values have been weight adjusted.

Non-spike result of "0" used in place of "U" to allow calculation of spike recovery.

Comments: _____

PCB FORM 3

PCB SOIL
LABORATORY CONTROL SAMPLE/DUPLICATE
PERCENT RECOVERY

Instrument ID: M

GC Column #1: STX-CLPesticides I

Column ID: 0.25 mm

GC Column #2: STX-CLPesticides II

Column ID: 0.25 mm

SDG: 67354

Non-spiked sample: 67354-3,,A/C

Spike: 67354-3,MS,,A/C

Spike duplicate: 67354-3,MSD,,A/C

COMPOUND	LCS SPIKE ADDED (ug/kg)	LCSD SPIKE ADDED (ug/kg)	LOWER LIMIT	UPPER LIMIT	RPD LIMIT	NON-SPIKE RESULT (ug/kg)	SPIKE RESULT (ug/kg)	SPIKE % REC	#	SPIKE DUP RESULT (ug/kg)	SPIKE DUP % REC	#	RPD	#
PCB 1016	197	204	65	140	30	0	224	114		219	107		5.8	
PCB 1260	197	204	60	130	30	0	425	216	*	450	221	*	2.4	
PCB 1016 #2	197	204	65	140	30	0	275	140		254	125		11.1	
PCB 1260 #2	197	204	60	130	30	0	344	175	*	346	170	*	2.8	

Column to be used to flag recovery and RPD values outside of QC limits

* Values outside QC limits

LCS/LCSD spike added values have been weight adjusted.

Non-spike result of "0" used in place of "U" to allow calculation of spike recovery.

Comments: _____

_____

PCB AQUEOUS
LABORATORY CONTROL SAMPLE/DUPLICATE
PERCENT RECOVERY

Instrument ID: M

GC Column #1: STX-CLPesticides I

Column ID: 0.25 mm

GC Column #2: STX-CLPesticides II

Column ID: 0.25 mm

SDG: 67354

Non-spiked sample: B072810PW

Spike: L072810PWB

Spike duplicate: LD072810PWB

COMPOUND	LCS SPIKE ADDED (ug/L)	LCSD SPIKE ADDED (ug/L)	LOWER LIMIT	UPPER LIMIT	RPD LIMIT	NON-SPIKE RESULT (ug/L)	SPIKE RESULT (ug/L)	SPIKE % REC	#	SPIKE DUP RESULT (ug/L)	SPIKE DUP % REC	#	RPD	#
PCB 1016	2.00	2.00	79	113	30	0.00	1.84	92		1.78	89		3.5	
PCB 1260	2.00	2.00	58	115	30	0.00	2.28	114		2.26	113		1.0	
PCB 1016 #2	2.00	2.00	81	112	30	0.00	2.03	102		2.21	111		8.5	
PCB 1260 #2	2.00	2.00	54	123	30	0.00	2.30	115		2.32	116		1.1	

Column to be used to flag recovery and RPD values outside of QC limits

* Values outside QC limits

LCS/LCSD spike added values have been weight adjusted.

Non-spike result of "0" used in place of "U" to allow calculation of spike recovery.

Comments: _____

_____

PCB FORM 3

CHAIN OF CUSTODIES

Chain Of Custody Form

analytics environmental laboratory LLC
195 Commerce Way Suite E
Portsmouth, NH 03801
Phone (603) 436-5111
Fax (603) 430-2151

For Analytics Use Only Rev. 5 06/18/08

Samples were:
1) Shipped or hand-delivered
2) Temp blank °C 1.6°
3) Received in good condition Y or N
4) pH checked by: 7/27/10
5) Labels checked by: CP 7/27/10

Project#: 223019 Proj. Name: AMLISTAD ACADEMY
Company: Woodard &Curran
Contact: GEORGE FRANKLIN / JEFF HAMEL
Address: 41 Hutchins Drive
Portland, ME
Phone: (207)774-2112 PO# Quote # NCI0305 1001
Sampler (Signature): JESSE ABERY R

Matrix Key:
C = Concrete
WP = Wipe
WW = Wastewater
SW = Surface Water
GW = Groundwater
DW = Drinking Water
S = Soil/Sludge
O = Oil
E = Extract
B-brick
D-DI H_2O

Container Key
P=plastic G=glass

Station Identification	Sample Date	Sample Time	Analysis	Unpres	4°C	HNO_3	H_2SO_4	HCL	Methanol	Other	Matrix	Container number/type		pH	Analytics Sample #
AA-VBS-196	7/26/10	1010	PCB's by U.S. E.P.A 8082 w/ Soxhlet Extraction		✓						B	1	G		67354-1
AA-VBS-197		1015			✓						B	1	G		2
AA-VSS-198		1135			✓						S	1	G		3
AA-VSS-199		1140			✓						S	1	G		4
AA-VSS-Q-200		1145			✓						D	1	G	5.5	5
AA-VSS-201		1205			✓						S	1	G		6
AA-VSS-202		1210			✓						S	1	G		7
AA-VSS-203		1215			✓						S	1	G		8
AA-VSS-204		1220			✓						S	1	G		9
AA-VSS-205		1300			✓						S	1	G		10
AA-VSS-206		1305			✓						S	1	G		11

Email Results to:
gfranklin@...
jhamel@...

Turnaround Time (TAT)
✓ 24hr* ☐ 48hr
☐ 72hr* ☐ 5 Days
☐ 10 Days
*Fee may apply; lab approval required

Comments / Instructions:
R.L. ≤ 1.0 mg/kg.
AMBER LITRE IS (-) FOR CL WHEN MEASURED WITH KI PAPER @ 7/27/10
ASAP! (1st PRIORITY)

Project Requirements:
*Fee may apply

Report Type:
☐ MCP* ✓ Level II*
☐ CTRCP* ☐ Level III*
☐ DOD* ☐ Level IV*
☐ Standard

State:
☐ NH
☐ MA
☐ ME
✓ CT
☐ RI
Other:

State Standard:
(eg. S-1 or GW-1)
EDD Required: Y* N
Type: X/S

Received By: FEDEX	Received By: [signature]	Received By:
Time:	Time: 10:30	Time:
Date: 7/26/10	Date: 7/27/10	Date: 07/27/10
Relinquished By Sampler: JESSE ABERY R	Relinquished By: FEDEX	Relinquished By:

Analytics\AEL Documents\AEL COC

Page 1 of 2

Chain Of Custody Form

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, NH 03801
Phone (603) 436-5111
Fax (603) 430-2151

For Analytics Use Only Rev. 5 06/18/08

Samples were:
1) Shipped or hand-delivered
2) Temp blank °C 1.6°
3) Received in good condition Y or N
4) pH checked by: N/A
5) Labels checked by: CP 7/27/10

Project#: 223019 Proj. Name: AMISTAD ACADEMY
Company: Woodard &Curran
Contact: GEORGE FRANKLIN / JEFF HAMEL
Address: 41 Hutchins Drive
Portland, ME
Phone: (207)774-2112 PO# Quote # WCI03051001
Sampler (Signature): [signature]

Matrix Key:
C = Concrete
WP = Wipe
WW = Wastewater
SW = Surface Water
GW = Groundwater
DW = Drinking Water
S = Soil/Sludge
O = Oil
E = Extract

Container Key
P=plastic G=glass

Preservation

Station Identification	Sample Date	Sample Time*	Analysis	Unpres	4° C	HNO_3	H_2SO_4	HCL	Methanol	Other	Matrix	Container number/tvoe		pH	Analytics Sample #
AA-VSS-207	7/26/10	1315	PCB's by U.S.		✓						S	1	G		67354-12
AA-VSS-208	↓	1320	EPA 8082 w/		✓						S	1	G		13
AA-VSS-209	↓	1325	Soxhlet Extraction		✓						S	1	G		14

CP 7/27/10

Received By: FEDEX Time: Date: 7/26/10
Received By: [signature] Time: 1030 Date: 7/27/10
Received By: Time: Date: 07/27/10

Relinquished By Sampler: [signature]
Relinquished By: FEDEX
Relinquished By:

Email Results to:
gfranklin@...
jhamel@...

Comments / Instructions:
*sample times taken from container labels -CP 7/27/10

Turnaround Time (TAT)
- [x] 24hr*
- [ ] 48hr* ASAP
- [ ] 72hr*
- [ ] 5 Days
- [ ] 10 Days

*Fee may apply; lab approval required

(1st PRIORITY)

Project Requirements:
*Fee may apply

Report Type:
- [ ] MCP*
- [x] Level II*
- [ ] CTRCP*
- [ ] Level III*
- [ ] DOD*
- [ ] Level IV*
- [ ] Standard

State:
- [ ] NH
- [ ] MA
- [ ] ME
- [x] CT
- [ ] RI

Other:

State Standard:
(eg. S-1 or GW-1)

EDD Required Y* N
Type: .xls

Analytics\AEL Documents\AEL COC

Page 2 of 2

ANALYTICS SAMPLE RECEIPT CHECKLIST

analytics environmental laboratory LLC

AEL LAB#: 67354

CLIENT: WOODARD & CURRAN

PROJECT: AMISTAD ACADEMY

COOLER NUMBER: N/A

NUMBER OF COOLERS: 1

DATE RECEIVED: 07/27/10

A: PRELIMINARY EXAMINATION:

DATE COOLER OPENED: 07/27/10

1. Cooler received by(initials): CP

Date Received: 07/27/10

2. Circle one: Hand delivered (If so, skip 3) Shipped

3. Did cooler come with a shipping slip? Y N

3a. Enter carrier name and airbill number here: FEDEX 7937 6053 6234

4. Were custody seals on the outside of cooler? Y N
How many & where: N/A Seal Date: N/A Seal Name: N/A

5. Did the custody seals arrive unbroken and intact upon arrival? Y N/A

6. COC#: N/A

7. Were Custody papers filled out properly (ink,signed, etc)? Y CP 7/27/10 N

No times written on COC for last 3 samples (taken from containers

8. Were custody papers sealed in a plastic bag? Y N

9. Did you sign the COC in the appropriate place? Y N

10. Was the project identifiable from the COC papers? Y N

- No time on COC to when samples relinquished samples

11. Was enough ice used to chill the cooler? Y N Temp. of cooler: 1.6°

B. Log-In: Date samples were logged in: 07/27/10 By: CP

12. Type of packing in cooler(bubble wrap, popcorn) Y N

13. Were all bottles sealed in separate plastic bags? Y N

14. Did all bottles arrive unbroken and were labels in good condition? Y N

15. Were all bottle labels complete(ID,Date,time,etc.) Y N

16. Did all bottle labels agree with custody papers? Y N

17. Were the correct containers used for the tests indicated: Y N

18. Were samples received at the correct pH? Y N

19. Was sufficient amount of sample sent for the tests indicated? Y N

20. Were bubbles absent in VOA samples? Y N/A

If NO, List Sample ID's and Lab #s:

21. Laboratory labeling verified by (initials): CP Date: 7/27/10

From: Origin ID: BNHA (203) 271-0379
Jesse Ream
WOODARD & CURRAN INC
1520 HIGHLAND AVENUE

CHESHIRE, CT 06410

J10201005258225

Ship Date: 26JUL10
ActWgt: 35.0 LB
CAD: 2185050/INET3060

Delivery Address Bar Code

Ref # 223019.00
Invoice #
PO #
Dept #

SHIP TO: (603) 436-5111 BILL SENDER

Analytics Enviro Labs, LLC
Analytics Enviro Labs, LLC
195 COMMERCE WAY UNIT E

PORTSMOUTH, NH 03801

1 of 2

TRK# 0201 7937 6053 6234

MASTER

TUE - 27 JUL A2
PRIORITY OVERNIGHT

03801
NH-US
MHT

03 IGGA

)28 1 C
6234
07.27

569G1/9807/9A24

After printing this label:
1. Use the 'Print' button on this page to print your label to your laser or inkjet printer.
2. Fold the printed page along the horizontal line.
3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

Warning: Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com.FedEx will not be responsible for any claim in excess of $100 per package, whether the result of loss, damage, delay, non-delivery,misdelivery,or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim.Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic valueof the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental,consequential, or special is limited to the greater of $100 or the authorized declared value. Recovery cannot exceed actual documented loss.Maximum for items of extraordinary value is $500, e.g. jewelry, precious metals, negotiable instruments and other items listed in our ServiceGuide. Written claims must be filed within strict time limits, see current FedEx Service Guide.

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

August 27, 2010

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

RE: Analytical Results Case Narrative
Analytics # 67364 Revision 1
AMISTAD ACADEMY

Dear Mr. Franklin;

Enclosed please find the analytical results for samples submitted for the above-mentioned project. The attached Cover Page lists the sample IDs, Lab tracking numbers and collection dates for the samples included in this deliverable.

Samples were analyzed Polychlorinated Biphenyls (PCBs) by EPA Method 8082.

Revision 1: This report has been revised to include the chromatogram for sample 67364-4 which was mistakenly omitted in the original report.

Unless otherwise noted in the Non-conformance Summary listed below, all of the quality control (QC) criteria including initial calibration, calibration verification, surrogate recovery, holding time and method accuracy/precision for these analyses were within acceptable limits.

This Level II data package has been assembled in the following order:

Case Narrative/Non-Conformance Summary
Sample Log Sheet - Cover Page
PCB Form 1 Data Sheet for Samples and Blanks
Chromatograms
PCB Form 10 Confirmation Results
PCB Form 3 MS/MSD (LCS) Recoveries
Chain of Custody (COC) Forms

QC NON-CONFORMANCE SUMMARY

Sample Receipt:
No exceptions.

PCBs by EPA Method 8082:
No results were reported below the quantitation limit.

If you have any questions on these results, please do not hesitate to contact me.

Sincerely,
ANALYTICS Environmental Laboratory, LLC

Stephen L. Knollmeyer
Laboratory Director

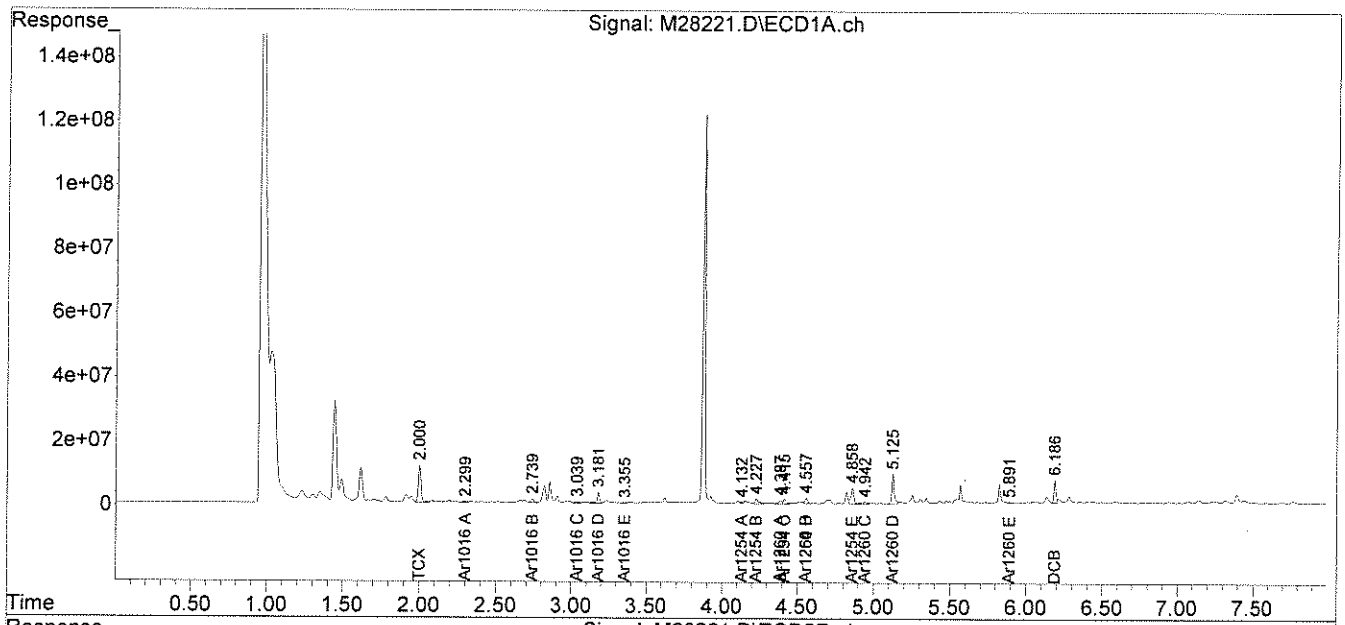
Quantitation Report (Not Reviewed)

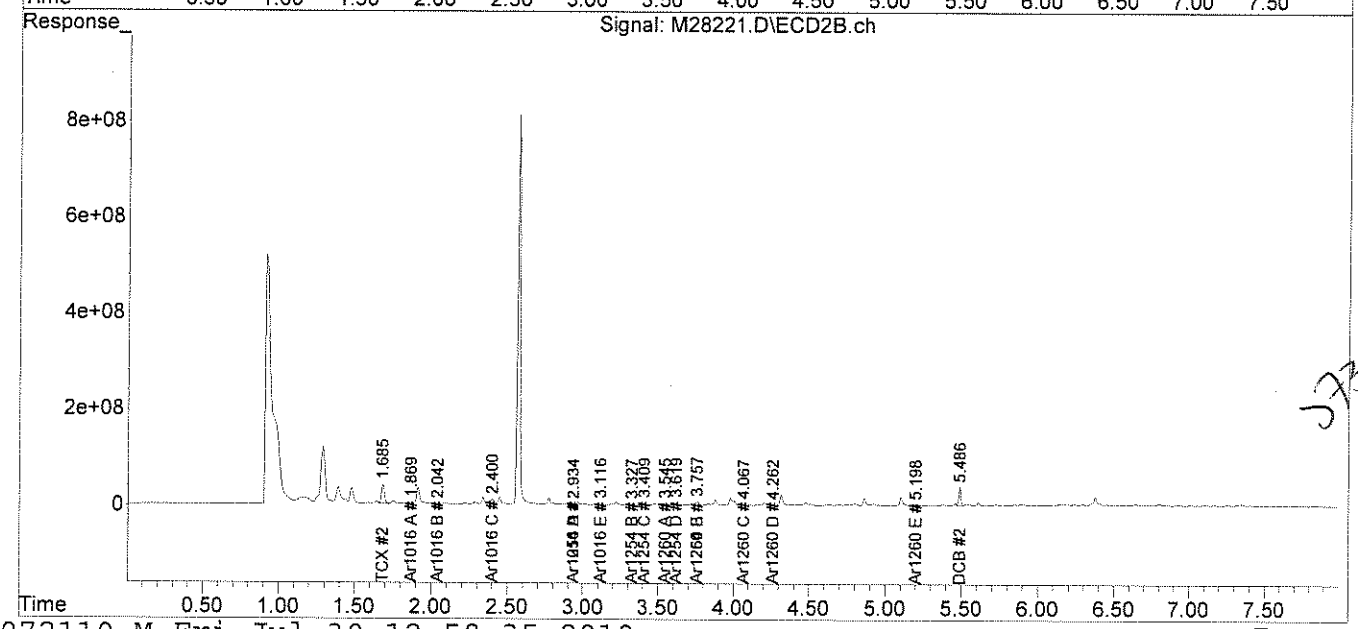
Data Path : C:\msdchem\1\DATA\072910-M\
Data File : M28221.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jul 2010 7:35 pm
Operator : JK
Sample : 67364-4,,A/C
Misc : SOIL
ALS Vial : 25 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 30 12:58:35 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

JL 07.30.10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





J 7310

Analytics Report 67364 page 0015A of 30

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

August 30, 2010

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

RE: Analytical Results Case Narrative
Analytics # 67380 Revision 1
AMISTAD ACADEMY

Dear Mr. Franklin;

Enclosed please find the analytical results for samples submitted for the above-mentioned project. The attached Cover Page lists the sample IDs, Lab tracking numbers and collection dates for the samples included in this deliverable.

Samples were analyzed Polychlorinated Biphenyls (PCBs) by EPA Method 8082.

Revision 1: This report has been revised to correct the data entry error for the PCB 1254 result on sample 67380-1 (AA-CC-034). The result for PCB 1254 was incorrectly in the PCB 1248 field on the form 1. The form 10 correctly reported the PCB 1254 results. The form 1 has been corrected to match the form 10. Please replace pages of the original report with the pages provided here.

Unless otherwise noted in the Non-conformance Summary listed below, all of the quality control (QC) criteria including initial calibration, calibration verification, surrogate recovery, holding time and method accuracy/precision for these analyses were within acceptable limits.

This Level II data package has been assembled in the following order:

Case Narrative/Non-Conformance Summary
Sample Log Sheet - Cover Page
PCB Form 1 Data Sheet for Samples and Blanks
Chromatograms
PCB Form 10 Confirmation Results
PCB Form 3 MS/MSD (LCS) Recoveries
Chain of Custody (COC) Forms

QC NON-CONFORMANCE SUMMARY

Sample Receipt:
No exceptions.

PCBs by EPA Method 8082:
No results were reported below the quantitation limit.

If you have any questions on these results, please do not hesitate to contact me.

Sincerely,
ANALYTICS Environmental Laboratory, LLC

Stephen L. Knollmeyer
Laboratory Director

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 31, 2010

SAMPLE DATA

Lab Sample ID:	67380-1
Matrix:	Solid
Percent Solid:	98
Dilution Factor:	10
Collection Date:	07/07/10
Lab Receipt Date:	07/08/10
Extraction Date:	07/28/10
Analysis Date:	07/29/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-CC-034

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	330	U
PCB-1221	330	U
PCB-1232	330	U
PCB-1242	330	U
PCB-1248	330	U
PCB-1254	330	**620**
PCB-1260	330	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	99	%
Decachlorobiphenyl	70	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB Report

Authorized signature

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

August 4, 2010

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

RE: Analytical Results Case Narrative
Analytics # 67386
AMISTAD ACADEMY

Dear Mr. Franklin;

Enclosed please find the analytical results for samples submitted for the above-mentioned project. The attached Cover Page lists the sample IDs, Lab tracking numbers and collection dates for the samples included in this deliverable.

Samples were analyzed Polychlorinated Biphenyls (PCBs) by EPA Method 8082.

Unless otherwise noted in the Non-conformance Summary listed below, all of the quality control (QC) criteria including initial calibration, calibration verification, surrogate recovery, holding time and method accuracy/precision for these analyses were within acceptable limits.

This Level II data package has been assembled in the following order:

Case Narrative/Non-Conformance Summary
Sample Log Sheet - Cover Page
PCB Form 1 Data Sheet for Samples and Blanks
    Chromatograms
PCB Form 10 Confirmation Results
PCB Form 3 MS/MSD (LCS) Recoveries
Chain of Custody (COC) Forms

QC NON-CONFORMANCE SUMMARY

Sample Receipt:
No exceptions.

PCBs by EPA Method 8082:
No results were reported below the quantitation limit.

The MS/MSD on sample 67386-11 had high recoveries for PCB 1260 on both columns and PCB 1016 on column #2 due to the concentrations of PCB 1254 detected in the parent sample. The laboratory control samples (L072910PSOX/LD072910PSOX) were in control for all analytes. Results were reported without qualification.

If you have any questions on these results, please do not hesitate to contact me.

Sincerely,
ANALYTICS Environmental Laboratory, LLC

Stephen L. Knollmeyer
Laboratory Director

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

Report Number: 67386

Revision: Rev. 0

Re: Amistad Academy (Project No: 223019)

Enclosed are the results of the analyses on your sample(s). Samples were received on 29 July 2010 and analyzed for the tests listed. Samples were received in acceptable condition, with the exceptions noted below or on the chain of custody. These results pertain to samples as received by the laboratory and for the analytical tests requested on the chain of custody. The results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report. Please see individual reports for specific methodologies and references.

Sample Analysis: The attached pages detail the Client Sample IDs, Lab Sample IDs, and Analyses requested

Sample Receipt Exceptions: None

Analytics Environmental Laboratory is certified by the states of New Hampshire, Maine, Massachusetts, Connecticut, Rhode Island, Virginia, Maryland, and is accredited by the Deparment of Defense (DOD) ELAP program. A list of actual certified parameters is available upon request.

If you have any questions on these results, please do not hesitate to contact us.

Authorized signature _____
Stephen L. Knollmeyer Lab. Director

Date 8/2/2010

This report shall not be reproduced, except in full, without the written consent of Analytics Environmental Laboratory, LLC.

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

CLIENT: Woodard & Curran **REPORT NUMBER: 67386** **REV: Rev. 0**

PROJECT: Amistad Academy (Project No: 223019)

Lab Number	Sample Date	Station Location	Analysis	Comments
67386-1	07/28/10	AA-VSS-218	EPA 8082 (PCBs only)	
67386-2	07/28/10	AA-VSS-519	EPA 8082 (PCBs only)	
67386-3	07/28/10	AA-VSS-Q-220	EPA 8082 (PCBs only)	
67386-4	07/28/10	AA-VSS-221	EPA 8082 (PCBs only)	
67386-5	07/28/10	AA-VSS-222	EPA 8082 (PCBs only)	
67386-6	07/28/10	AA-VSS-223	EPA 8082 (PCBs only)	
67386-7	07/28/10	AA-VSS-224	EPA 8082 (PCBs only)	
67386-8	07/28/10	AA-VSS-225	EPA 8082 (PCBs only)	
67386-9	07/28/10	AA-VSS-226	EPA 8082 (PCBs only)	
67386-10	07/28/10	AA-VSS-227	EPA 8082 (PCBs only)	
67386-11	07/28/10	AA-VSS-228	Electronic Data Deliverable	
	07/28/10	AA-VSS-228	EPA 8082 (PCBs only)	

PCB
DATA SUMMARIES

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 2, 2010

SAMPLE DATA

CLIENT SAMPLE ID

Project Name: Amistad Academy

Project Number: 223019

Field Sample ID: Lab QC

Lab Sample ID: B072910PSOX
Matrix: Soil
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date:
Lab Receipt Date:
Extraction Date: 07/29/10
Analysis Date: 07/30/10

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	86	%
Decachlorobiphenyl	73	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

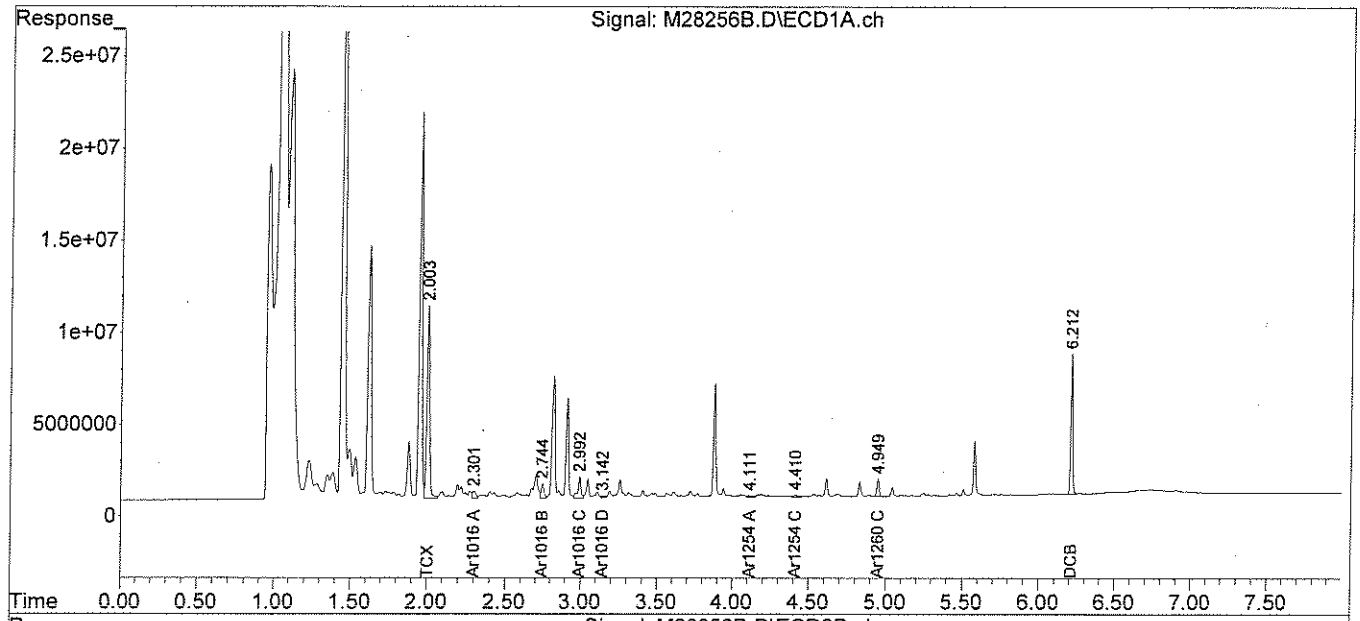
Quantitation Report (Not Reviewed)

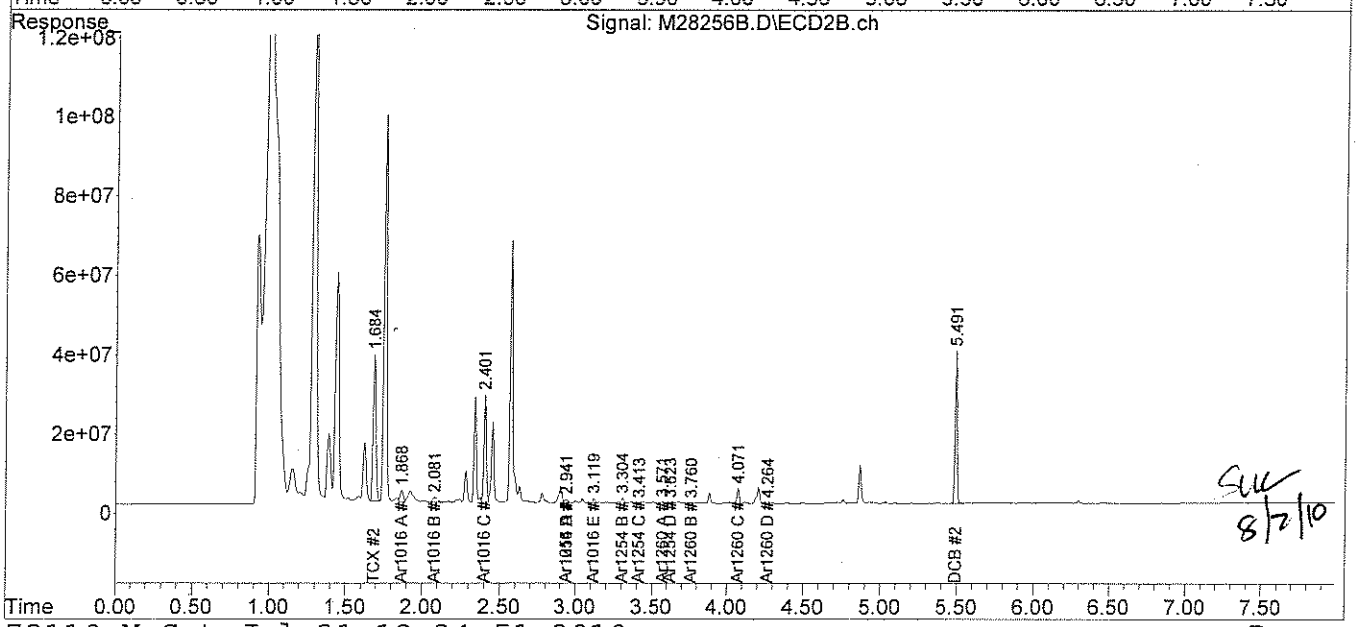
Data Path : C:\msdchem\1\DATA\073010-M\
Data File : M28256B.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jul 2010 2:48 pm
Operator : JK
Sample : B072910PSOX,,A/C
Misc : SOIL
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 31 12:34:51 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

JL 07-31-10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





SLK 8/2/10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 4, 2010

SAMPLE DATA

Lab Sample ID: B080210PW
Matrix: Aqueous
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date:
Lab Receipt Date:
Extraction Date: 08/02/10
Analysis Date: 08/02/10

CLIENT SAMPLE ID

Project Name: Amistad Academy
Project Number: 223019
Field Sample ID: Lab QC

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/L	Results µg/L
PCB-1016	0.2	U
PCB-1221	0.2	U
PCB-1232	0.2	U
PCB-1242	0.2	U
PCB-1248	0.2	U
PCB-1254	0.2	U
PCB-1260	0.2	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	78	%
Decachlorobiphenyl	60	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS:

PCB Report

Authorized signature

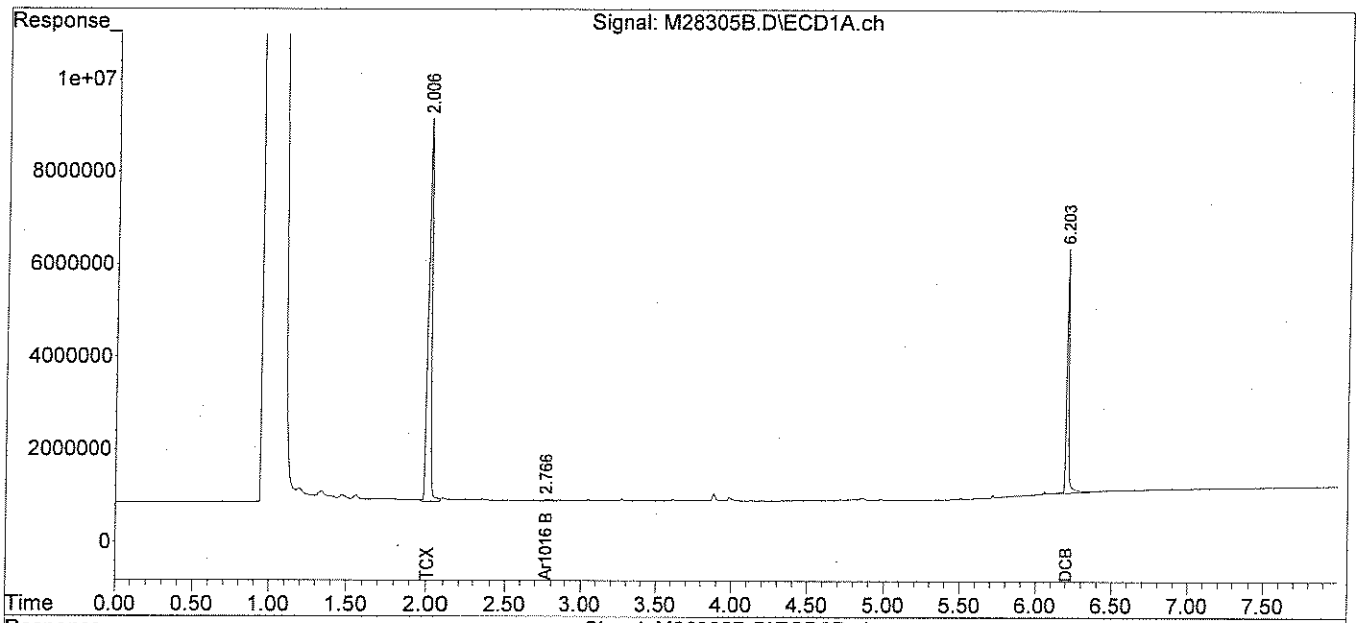
Quantitation Report (Not Reviewed)

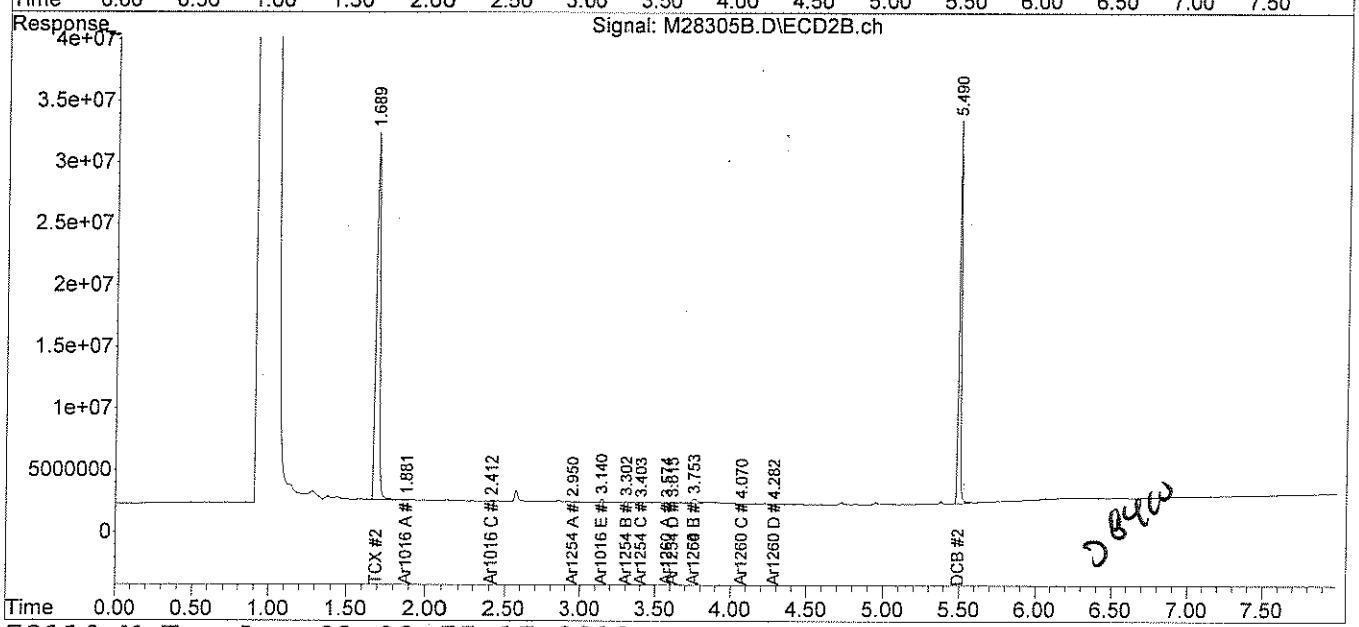
Data Path : C:\msdchem\1\DATA\080210-M\
Data File : M28305B.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 2 Aug 2010 1:20 pm
Operator : JK
Sample : B080210PW
Misc :
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 03 09:57:16 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um

08-03-10





DB4W

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 2, 2010

SAMPLE DATA

Lab Sample ID:	67386-1
Matrix:	Solid
Percent Solid:	89
Dilution Factor:	1.1
Collection Date:	07/28/10
Lab Receipt Date:	07/29/10
Extraction Date:	07/29/10
Analysis Date:	07/30/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-218

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	36	U
PCB-1221	36	U
PCB-1232	36	U
PCB-1242	36	U
PCB-1248	36	U
PCB-1254	36	U
PCB-1260	36	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	88	%
Decachlorobiphenyl	74	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

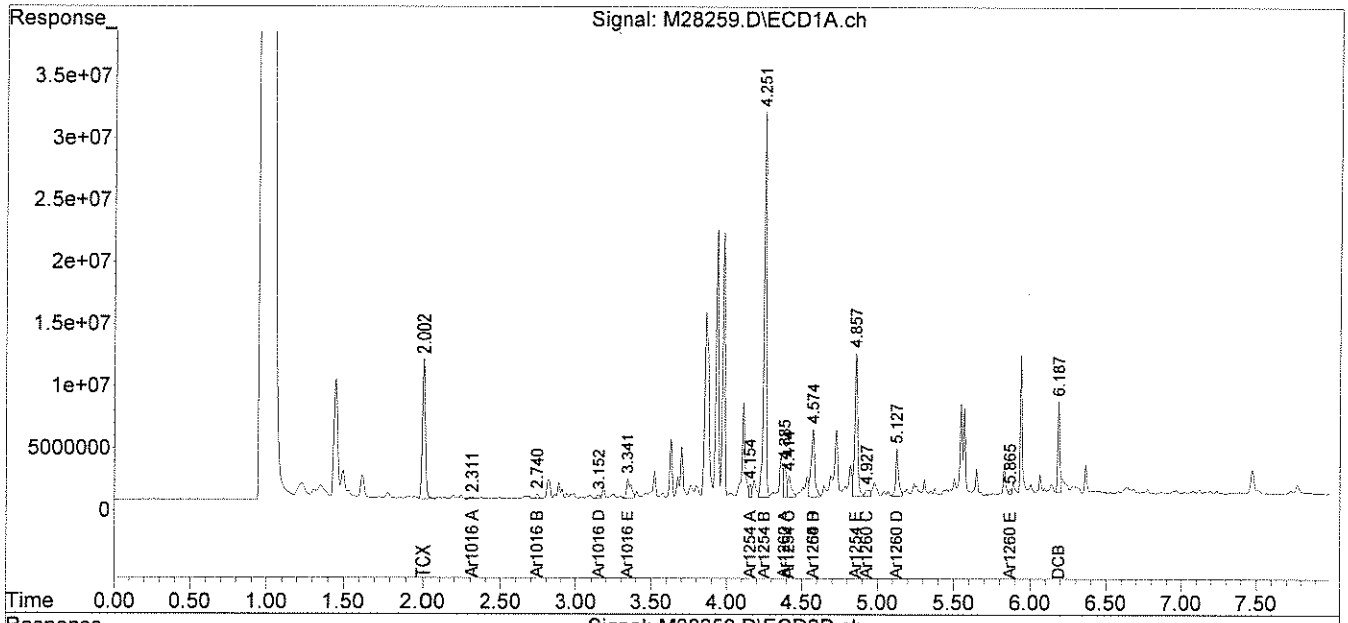
Quantitation Report (QT Reviewed)

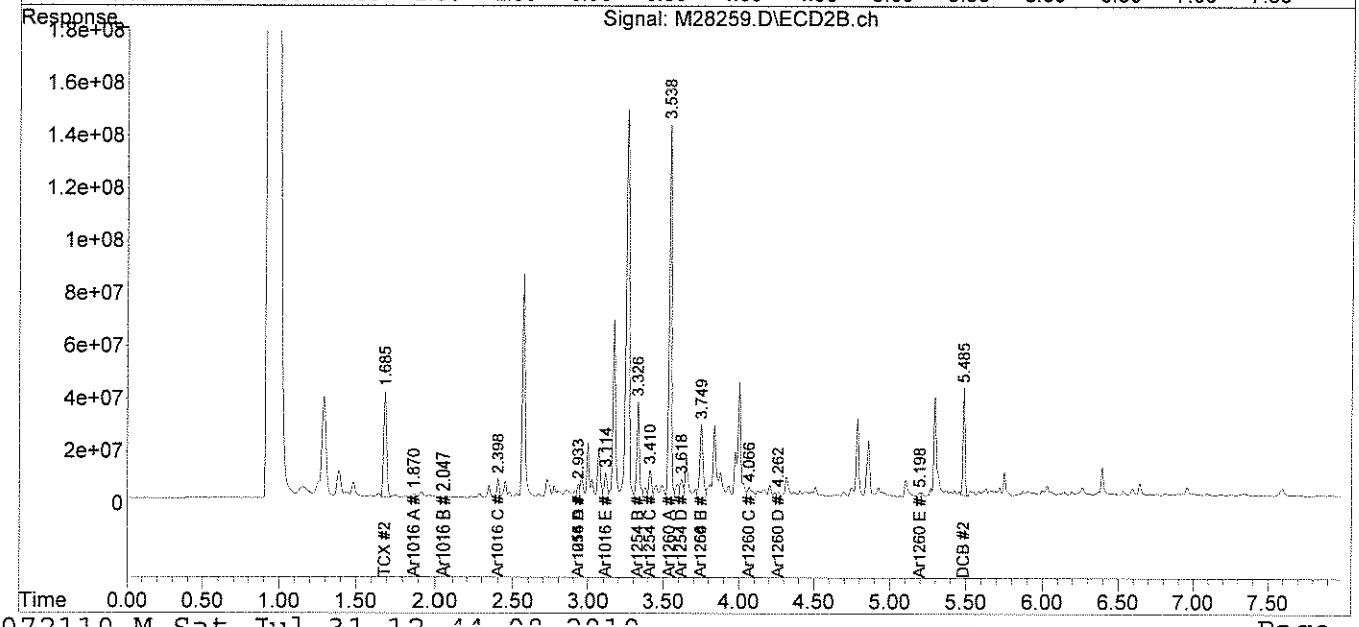
Data Path : C:\msdchem\1\DATA\073010-M\
Data File : M28259.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jul 2010 3:19 pm
Operator : JK
Sample : 67386-1,,A/C
Misc : SOIL
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 31 12:43:51 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

JL
07-31-10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 2, 2010

SAMPLE DATA

Lab Sample ID:	67386-2
Matrix:	Solid
Percent Solid:	88
Dilution Factor:	1.1
Collection Date:	07/28/10
Lab Receipt Date:	07/29/10
Extraction Date:	07/29/10
Analysis Date:	07/30/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-519

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	36	U
PCB-1221	36	U
PCB-1232	36	U
PCB-1242	36	U
PCB-1248	36	U
PCB-1254	36	U
PCB-1260	36	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	86	%
Decachlorobiphenyl	83	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

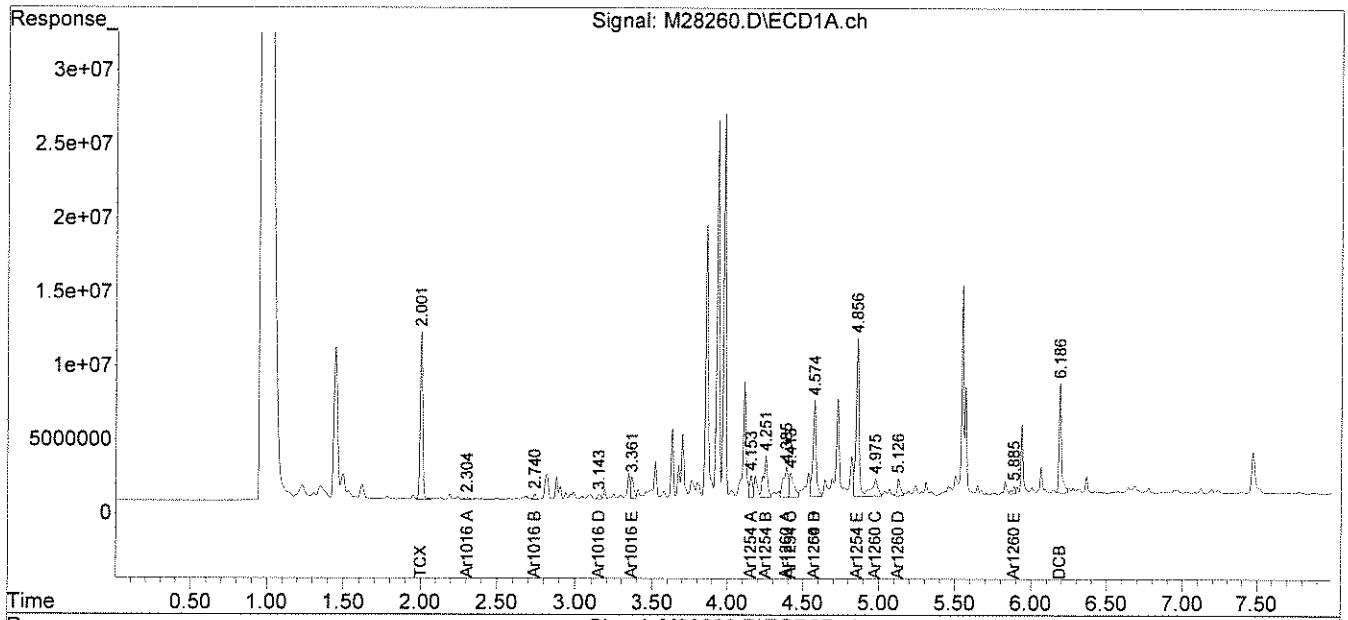
Quantitation Report (Not Reviewed)

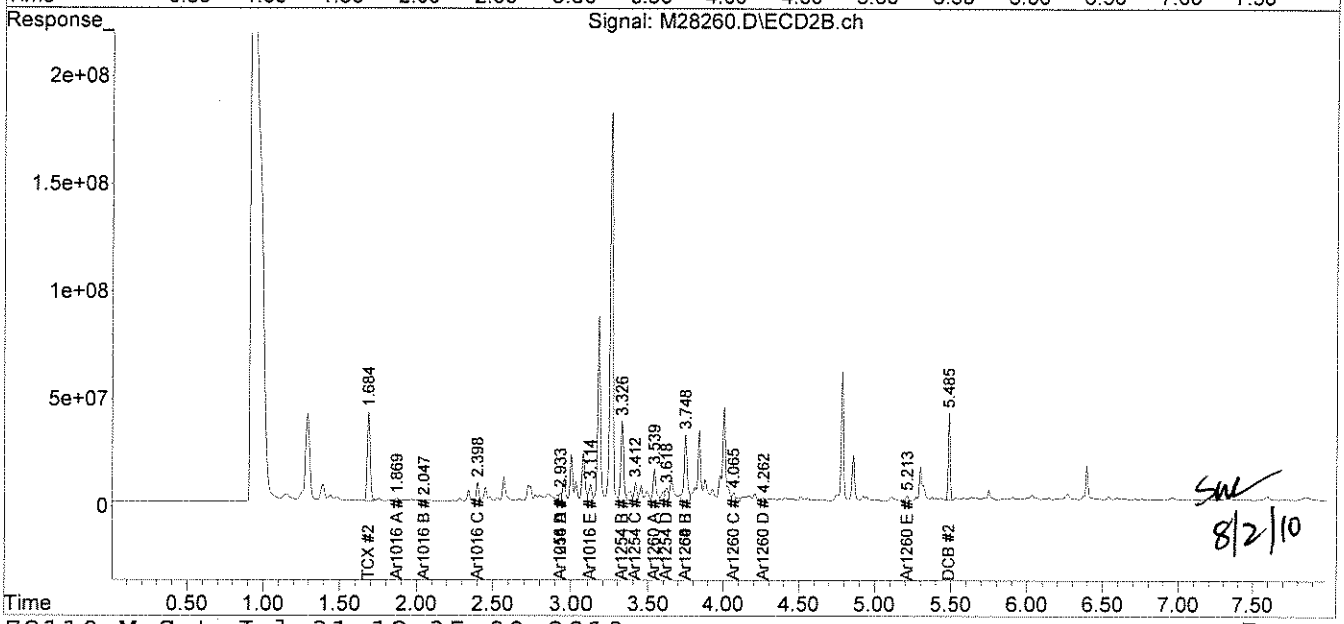
Data Path : C:\msdchem\1\DATA\073010-M\
Data File : M28260.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jul 2010 3:29 pm
Operator : JK
Sample : 67386-2,,A/C
Misc : SOIL
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 31 12:35:00 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

JL 07-31-10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





SW 8/2/10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 4, 2010

SAMPLE DATA

Lab Sample ID:	67386-3
Matrix:	Aqueous
Percent Solid:	N/A
Dilution Factor:	1.1
Collection Date:	07/28/10
Lab Receipt Date:	07/29/10
Extraction Date:	08/02/10
Analysis Date:	08/02/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-Q-220

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/L	Results µg/L
PCB-1016	0.2	U
PCB-1221	0.2	U
PCB-1232	0.2	U
PCB-1242	0.2	U
PCB-1248	0.2	U
PCB-1254	0.2	U
PCB-1260	0.2	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	82	%
Decachlorobiphenyl	61	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS:

PCB Report

Authorized signature

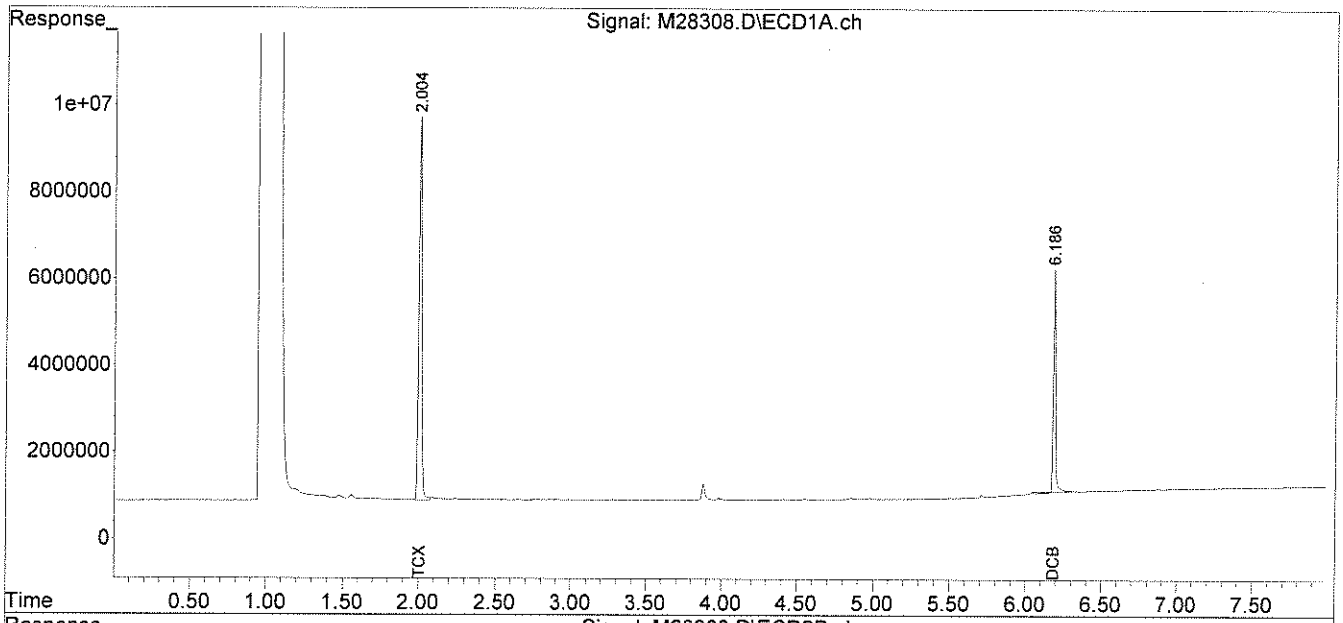
Quantitation Report (Not Reviewed)

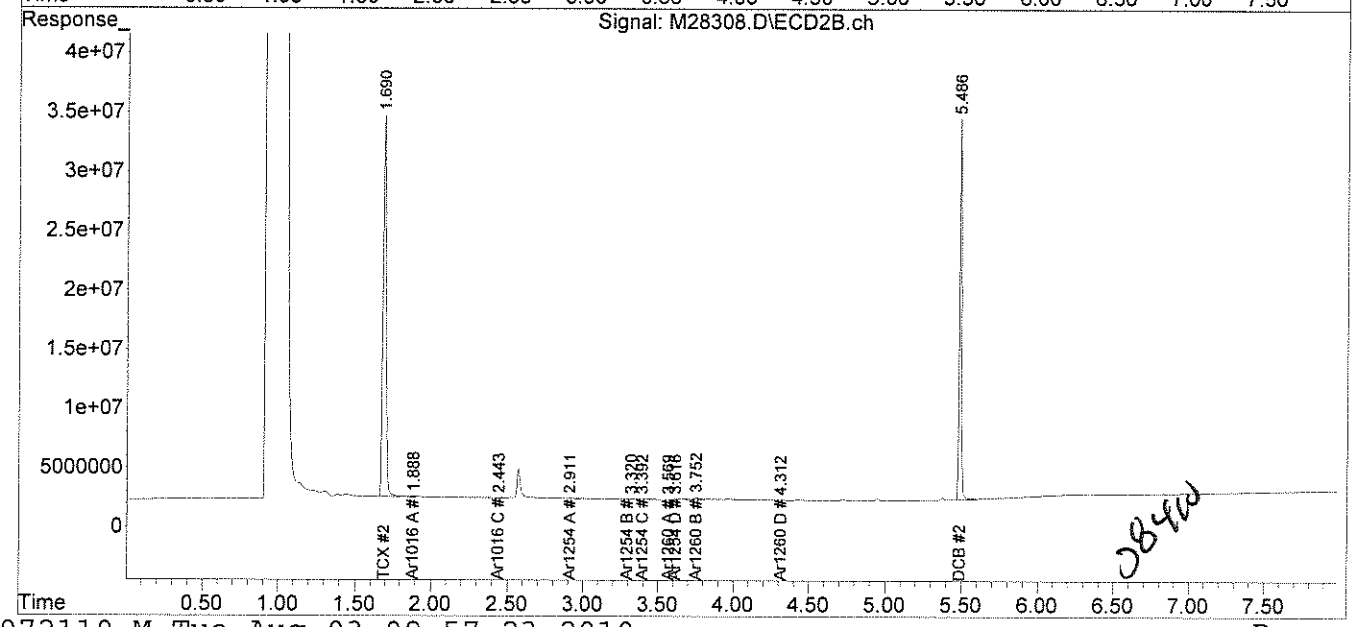
Data Path : C:\msdchem\1\DATA\080210-M\
Data File : M28308.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 2 Aug 2010 1:51 pm
Operator : JK
Sample : 67386-3
Misc :
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 03 09:57:23 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um

JL 08-03-10





0840

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 2, 2010

SAMPLE DATA

Lab Sample ID:	67386-4
Matrix:	Solid
Percent Solid:	92
Dilution Factor:	1.0
Collection Date:	07/28/10
Lab Receipt Date:	07/29/10
Extraction Date:	07/29/10
Analysis Date:	07/30/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-221

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	**153**
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	85	%
Decachlorobiphenyl	76	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67386
Sample: 67386-4,,A/C
Data File: M28261.D
Dilution Factor: 1.0

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	153	124	20.5	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

PCB FORM 10

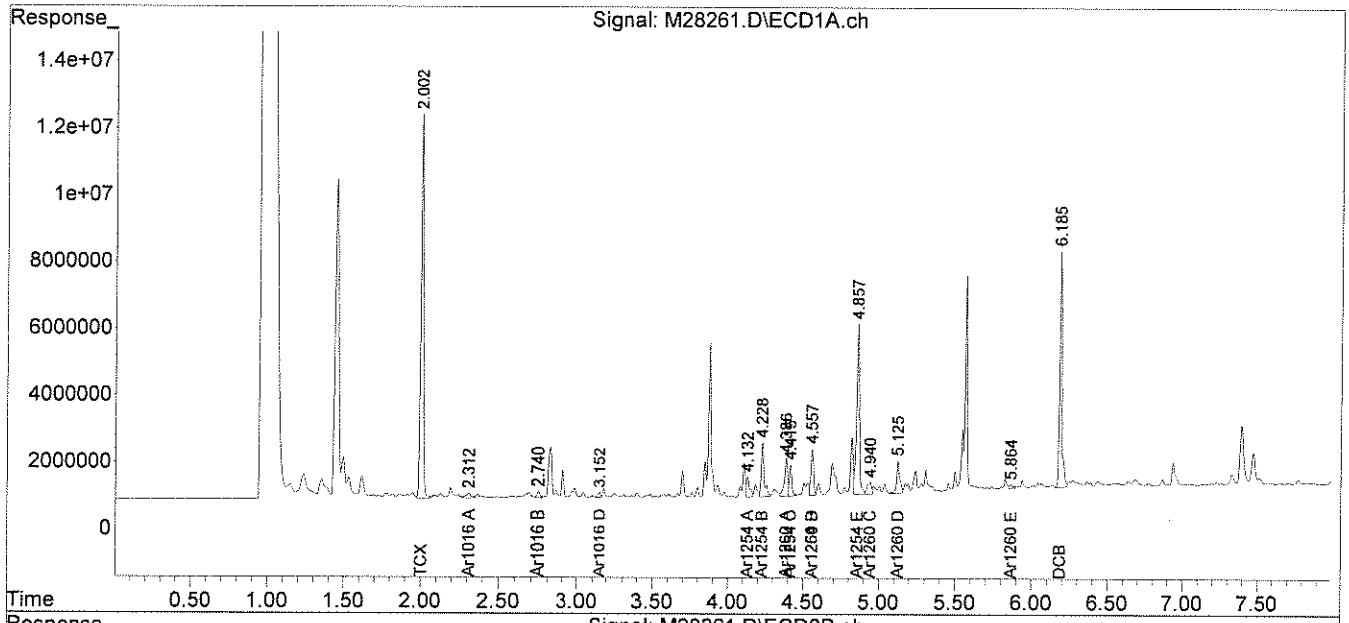
Quantitation Report (Not Reviewed)

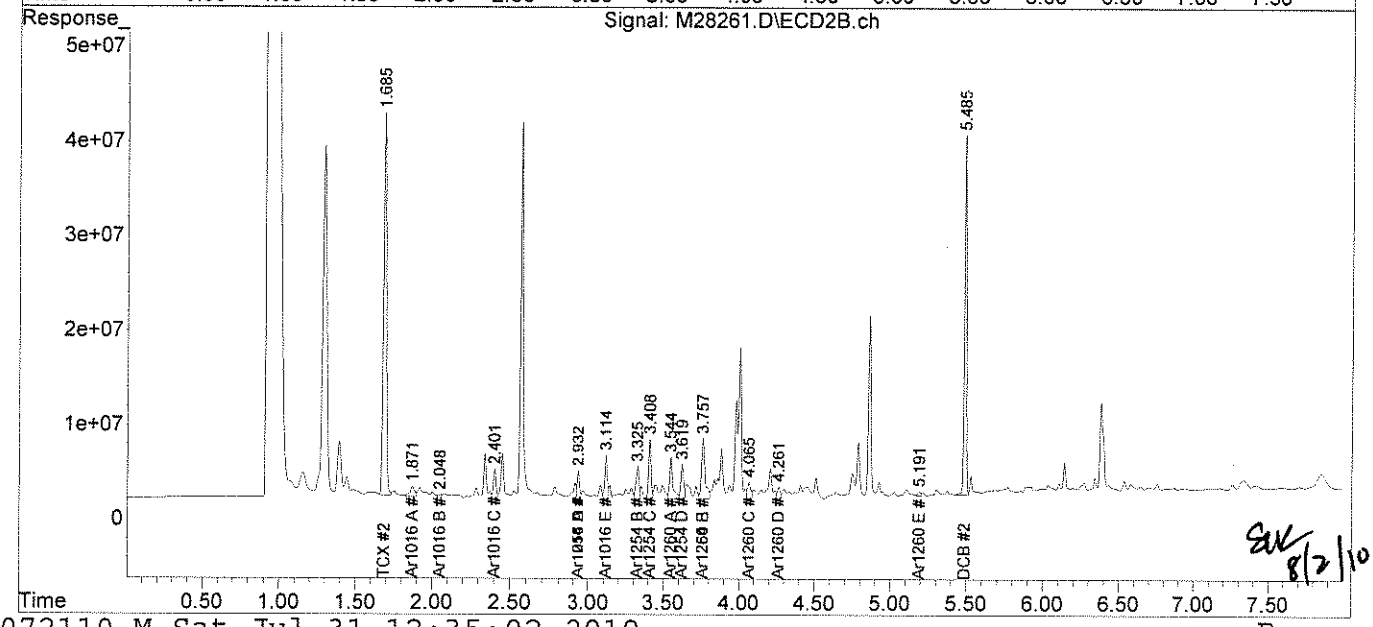
Data Path : C:\msdchem\1\DATA\073010-M\
Data File : M28261.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jul 2010 3:39 pm
Operator : JK
Sample : 67386-4,,A/C
Misc : SOIL
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 31 12:35:02 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um

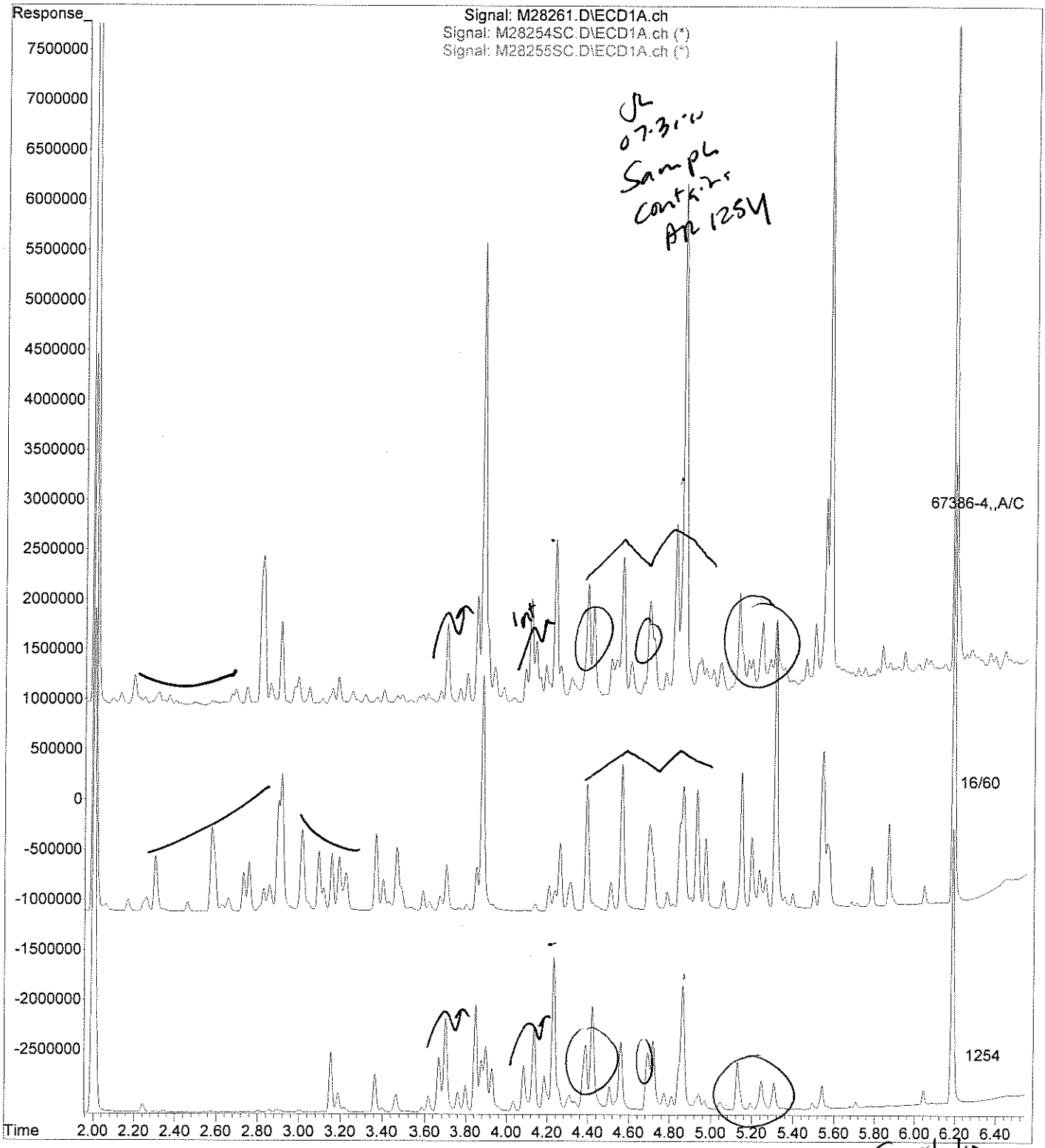
JL 07.31.10





SK 8/2/10

File :C:\msdchem\1\DATA\073010-M\M28261.D
Operator : JK
Acquired : 30 Jul 2010 3:39 pm using AcqMethod PEST.M
Instrument : Instrument M
Sample Name: 67386-4,,A/C
Misc Info : SOIL
Vial Number: 11



SLL 8/2/10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 2, 2010

SAMPLE DATA

Lab Sample ID:	67386-5
Matrix:	Solid
Percent Solid:	85
Dilution Factor:	1.1
Collection Date:	07/28/10
Lab Receipt Date:	07/29/10
Extraction Date:	07/29/10
Analysis Date:	07/30/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-222

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	36	U
PCB-1221	36	U
PCB-1232	36	U
PCB-1242	36	U
PCB-1248	36	U
PCB-1254	36	**164**
PCB-1260	36	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	84	%
Decachlorobiphenyl	75	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67386
Sample: 67386-5,,A/C
Data File: M28262.D
Dilution Factor: 1.1

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	164	125	26.9	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

PCB FORM 10

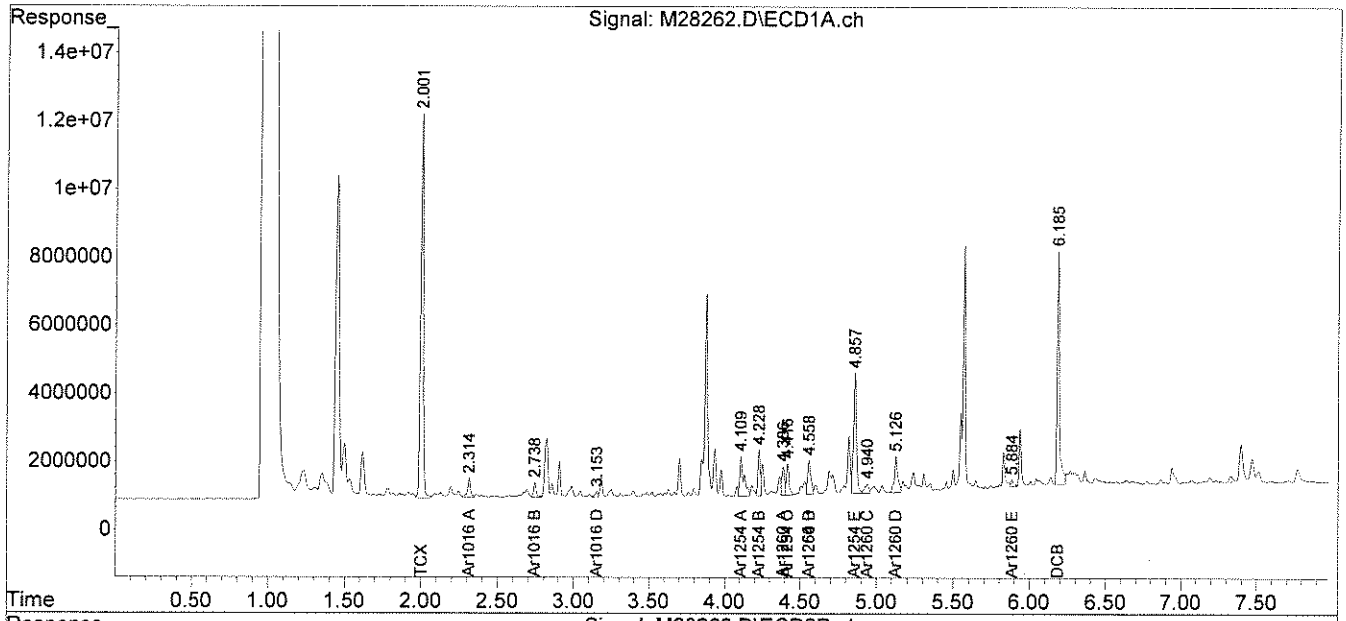
Quantitation Report (Not Reviewed)

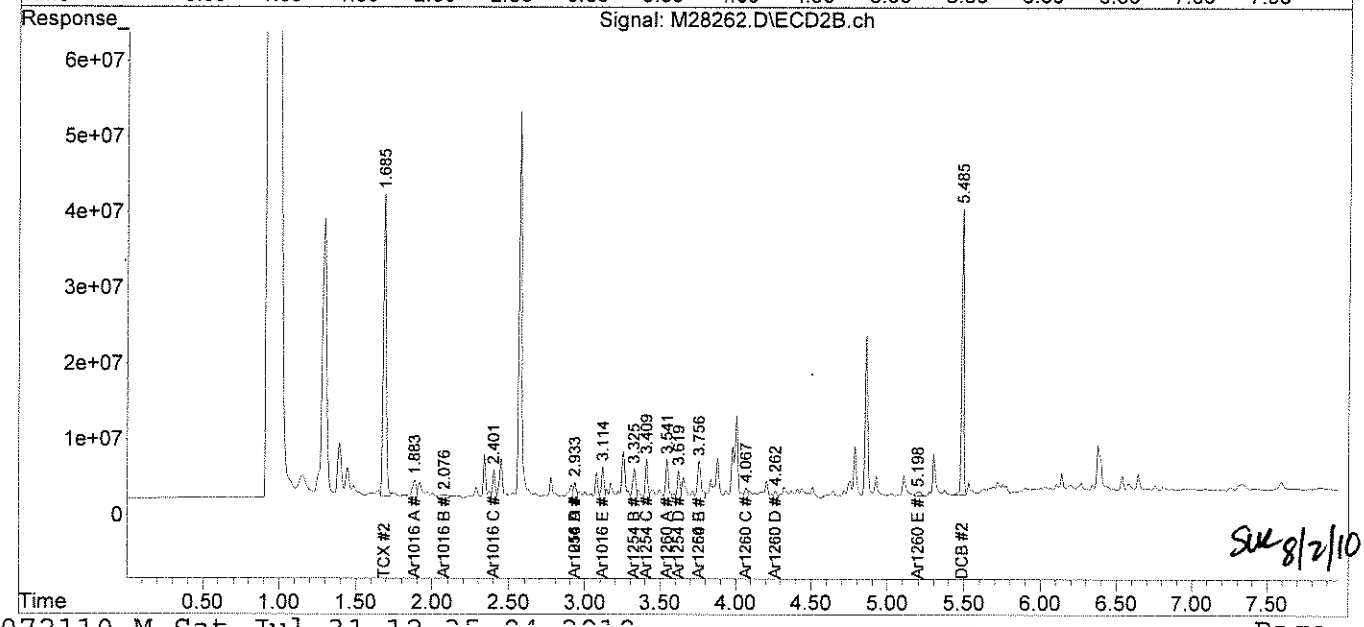
Data Path : C:\msdchem\1\DATA\073010-M\
Data File : M28262.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jul 2010 3:49 pm
Operator : JK
Sample : 67386-5,,A/C
Misc : SOIL
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 31 12:35:04 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

JL 07.31.10

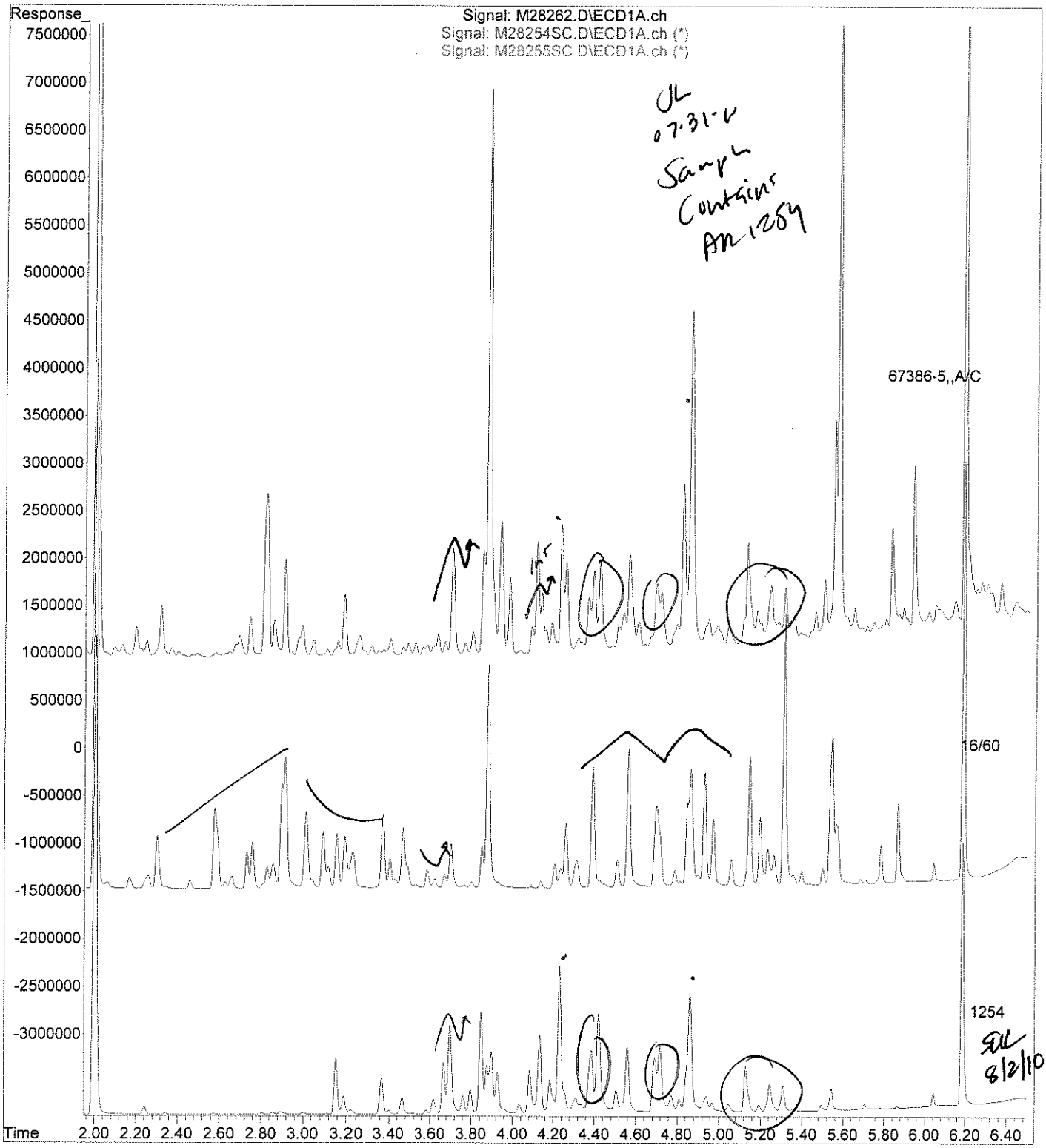
Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





SUL 8/2/10

File :C:\msdchem\1\DATA\073010-M\M28262.D
Operator : JK
Acquired : 30 Jul 2010 3:49 pm using AcqMethod PEST.M
Instrument : Instrument M
Sample Name: 67386-5,,A/C
Misc Info : SOIL
Vial Number: 12



analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 2, 2010

SAMPLE DATA

Lab Sample ID:	67386-6
Matrix:	Solid
Percent Solid:	93
Dilution Factor:	1.0
Collection Date:	07/28/10
Lab Receipt Date:	07/29/10
Extraction Date:	07/29/10
Analysis Date:	07/30/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-223

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	**235**
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	80	%
Decachlorobiphenyl	74	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67386
Sample: 67386-6,,A/C
Data File: M28263.D
Dilution Factor: 1.0

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	235	205	13.9	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

PCB FORM 10

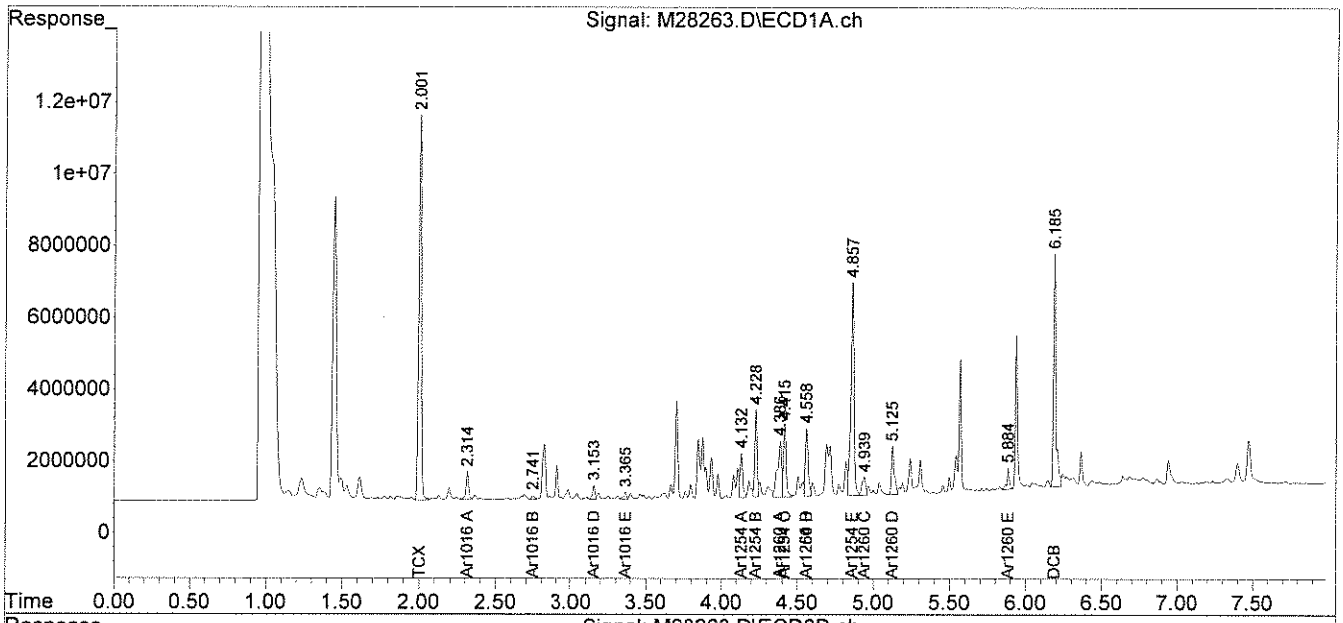
Quantitation Report (QT Reviewed)

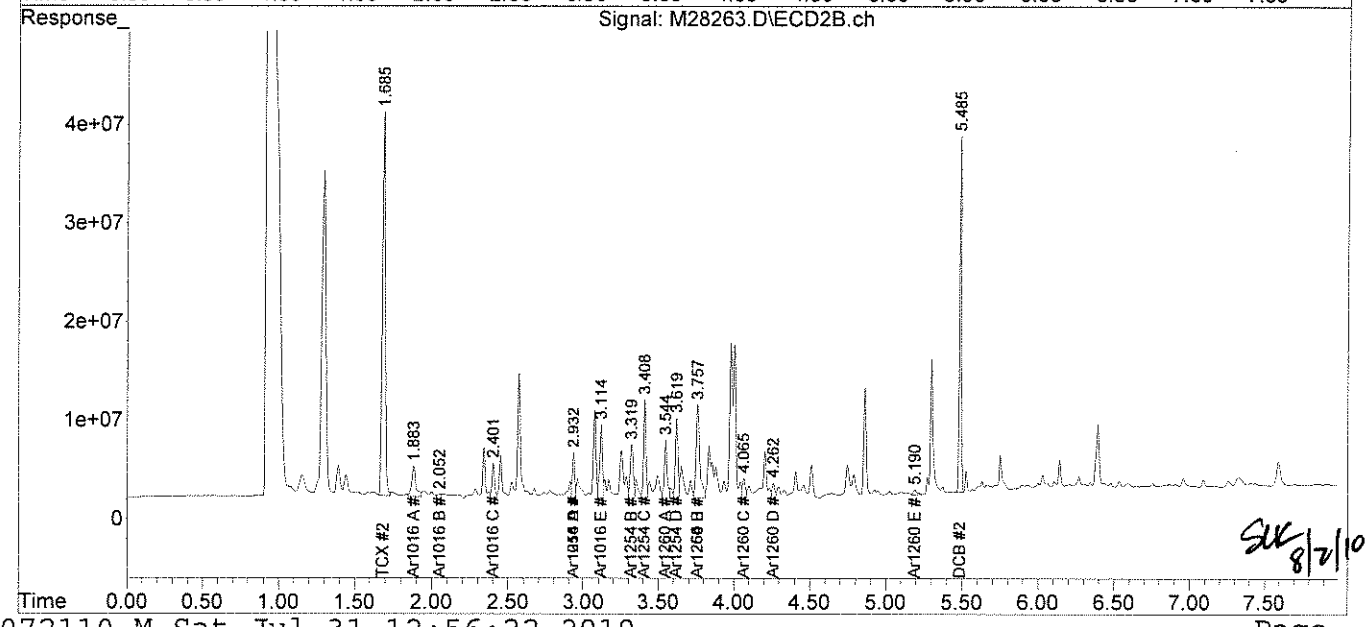
Data Path : C:\msdchem\1\DATA\073010-M\
Data File : M28263.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jul 2010 4:00 pm
Operator : JK
Sample : 67386-6,,A/C
Misc : SOIL
ALS Vial : 13 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 31 12:56:15 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

JL 07-31-10

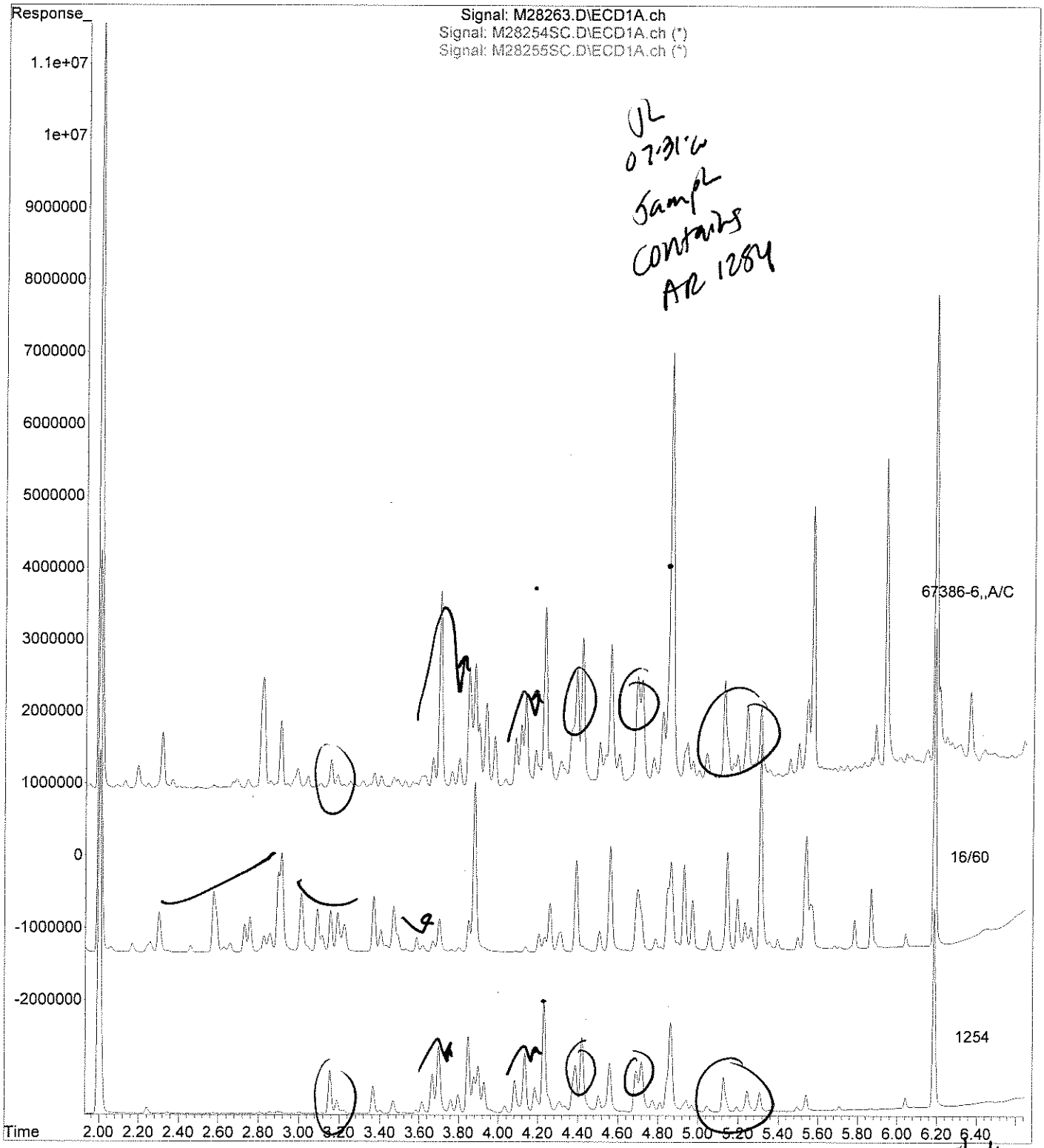
Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





SK 8/2/10

File :C:\msdchem\1\DATA\073010-M\M28263.D
Operator : JK
Acquired : 30 Jul 2010 4:00 pm using AcqMethod PEST.M
Instrument : Instrument M
Sample Name: 67386-6,,A/C
Misc Info : SOIL
Vial Number: 13



SUL 8/2/10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 2, 2010

SAMPLE DATA

Lab Sample ID:	67386-7
Matrix:	Solid
Percent Solid:	91
Dilution Factor:	1.1
Collection Date:	07/28/10
Lab Receipt Date:	07/29/10
Extraction Date:	07/29/10
Analysis Date:	07/30/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-224

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	36	U
PCB-1221	36	U
PCB-1232	36	U
PCB-1242	36	U
PCB-1248	36	U
PCB-1254	36	**283**
PCB-1260	36	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	83	%
Decachlorobiphenyl	62	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67386
Sample: 67386-7,,A/C
Data File: M28264.D
Dilution Factor: 1.1

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	283	241	16.1	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

PCB FORM 10

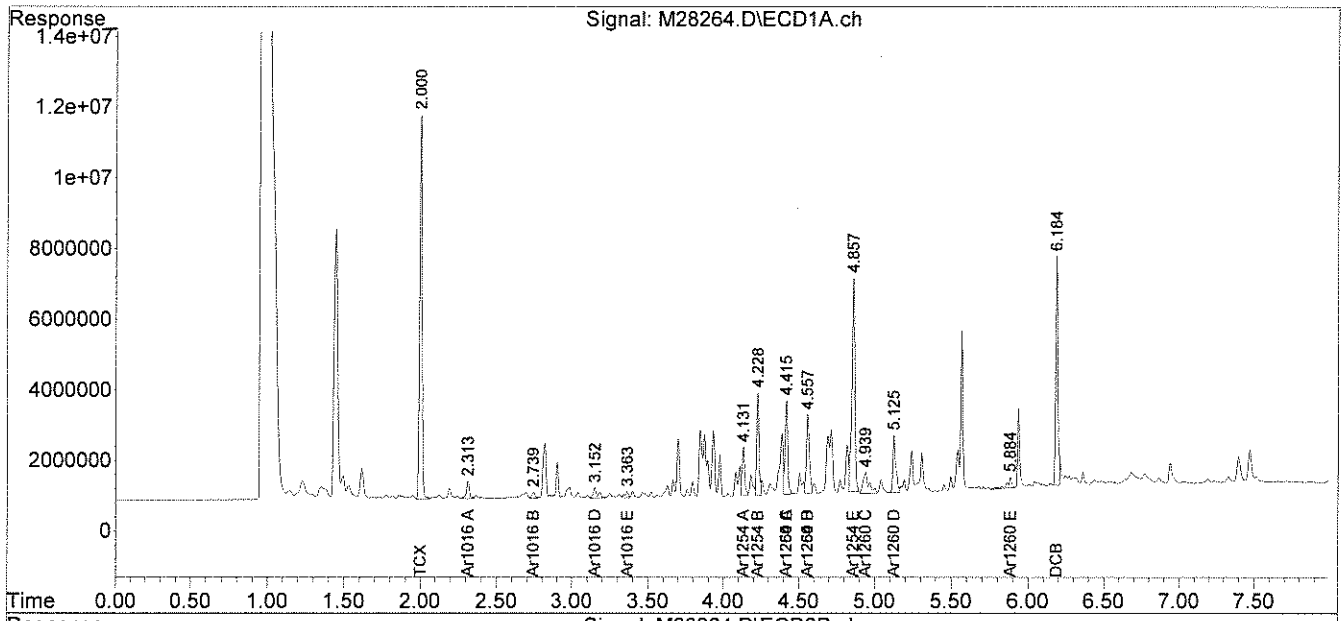
Quantitation Report (QT Reviewed)

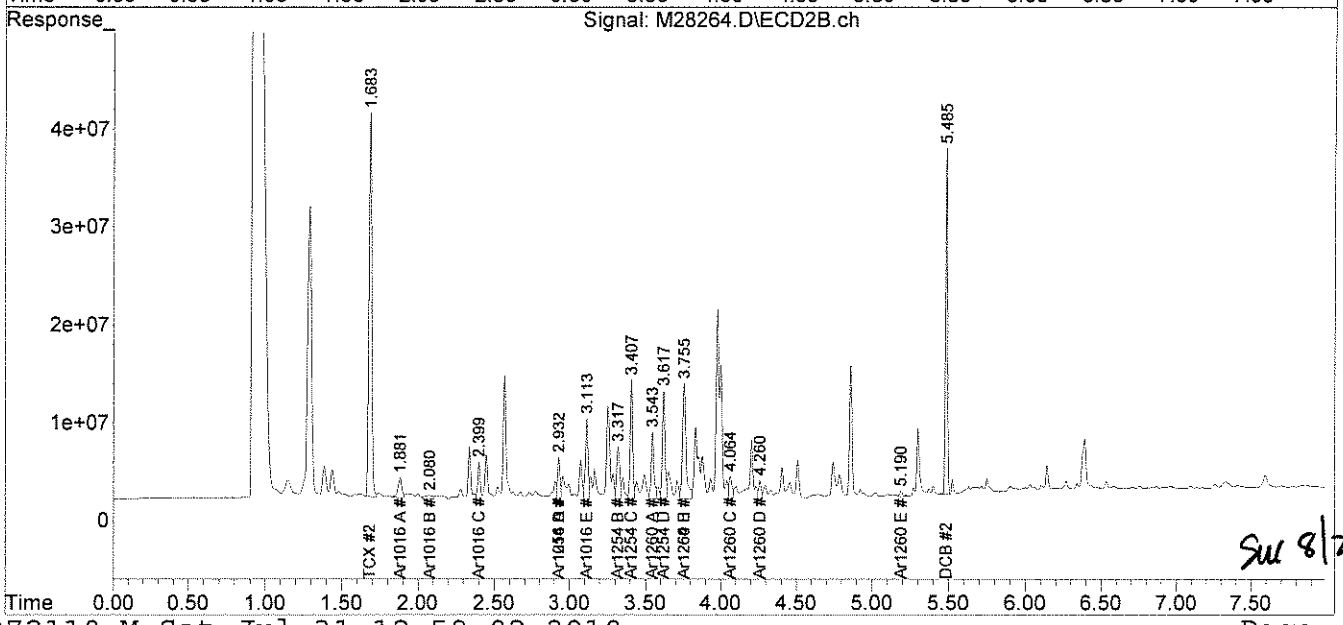
Data Path : C:\msdchem\1\DATA\073010-M\
Data File : M28264.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jul 2010 4:10 pm
Operator : JK
Sample : 67386-7,,A/C
Misc : SOIL
ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 31 12:58:53 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

JL 07·31·10

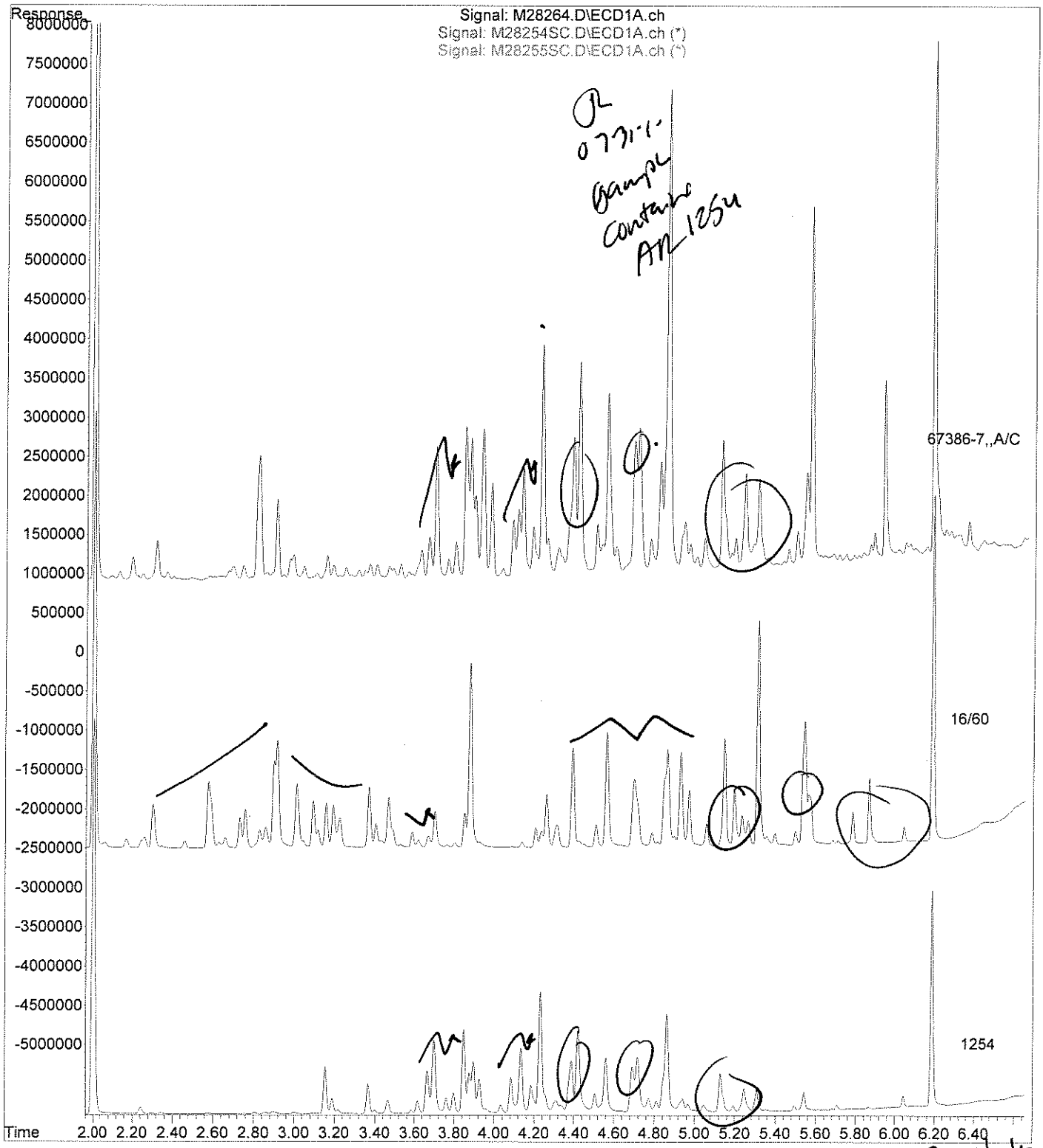
Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





SW 8/2/10

File :C:\msdchem\1\DATA\073010-M\M28264.D
Operator : JK
Acquired : 30 Jul 2010 4:10 pm using AcqMethod PEST.M
Instrument : Instrument M
Sample Name: 67386-7,,A/C
Misc Info : SOIL
Vial Number: 14



SAL 8/2/10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 2, 2010

SAMPLE DATA

Lab Sample ID:	67386-8
Matrix:	Solid
Percent Solid:	93
Dilution Factor:	1.0
Collection Date:	07/28/10
Lab Receipt Date:	07/29/10
Extraction Date:	07/29/10
Analysis Date:	07/30/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-225

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	**65**
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	87	%
Decachlorobiphenyl	66	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67386
Sample: 67386-8,,A/C
Data File: M28265.D
Dilution Factor: 1.0

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	65	65	0.4	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

PCB FORM 10

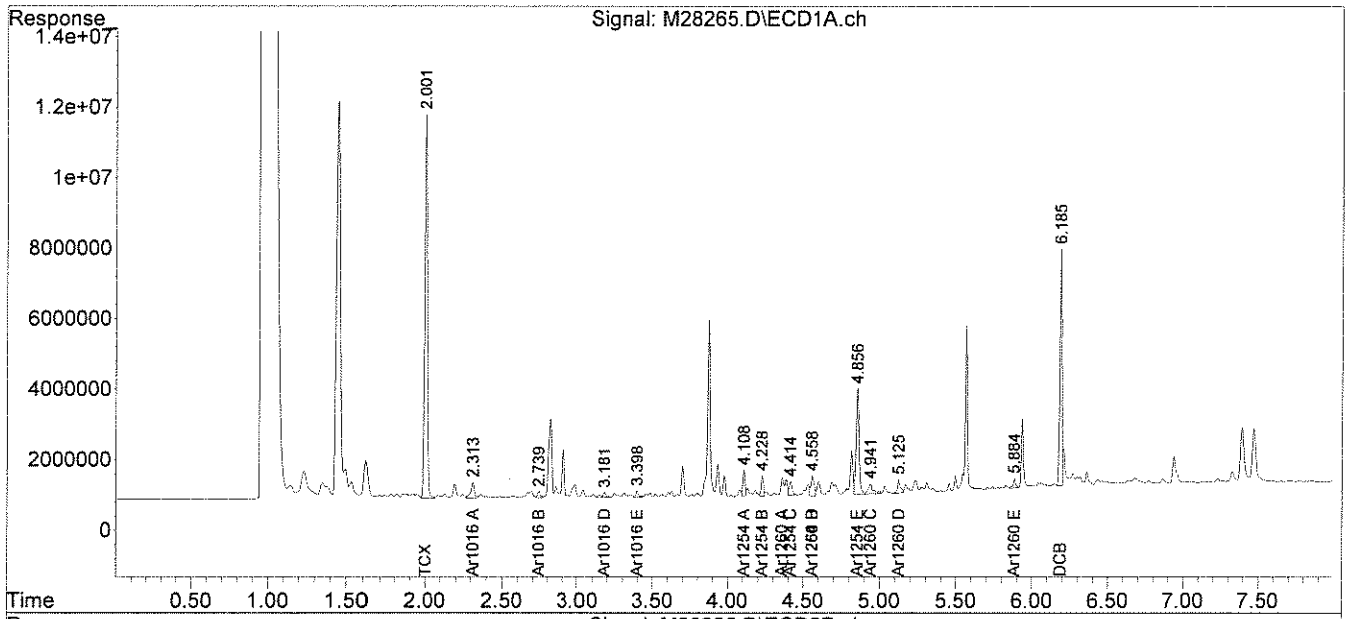
Quantitation Report (QT Reviewed)

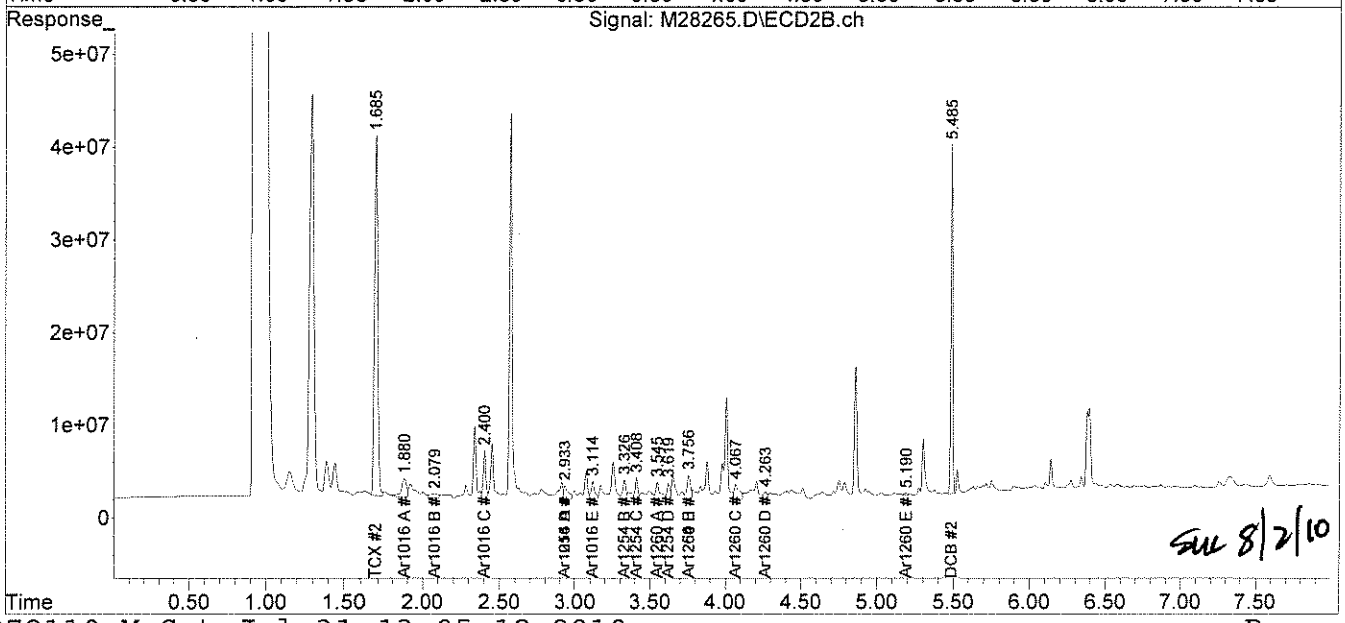
Data Path : C:\msdchem\1\DATA\073010-M\
Data File : M28265.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jul 2010 4:20 pm
Operator : JK
Sample : 67386-8,,A/C
Misc : SOIL
ALS Vial : 15 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 31 13:05:03 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

JL 07-31-10

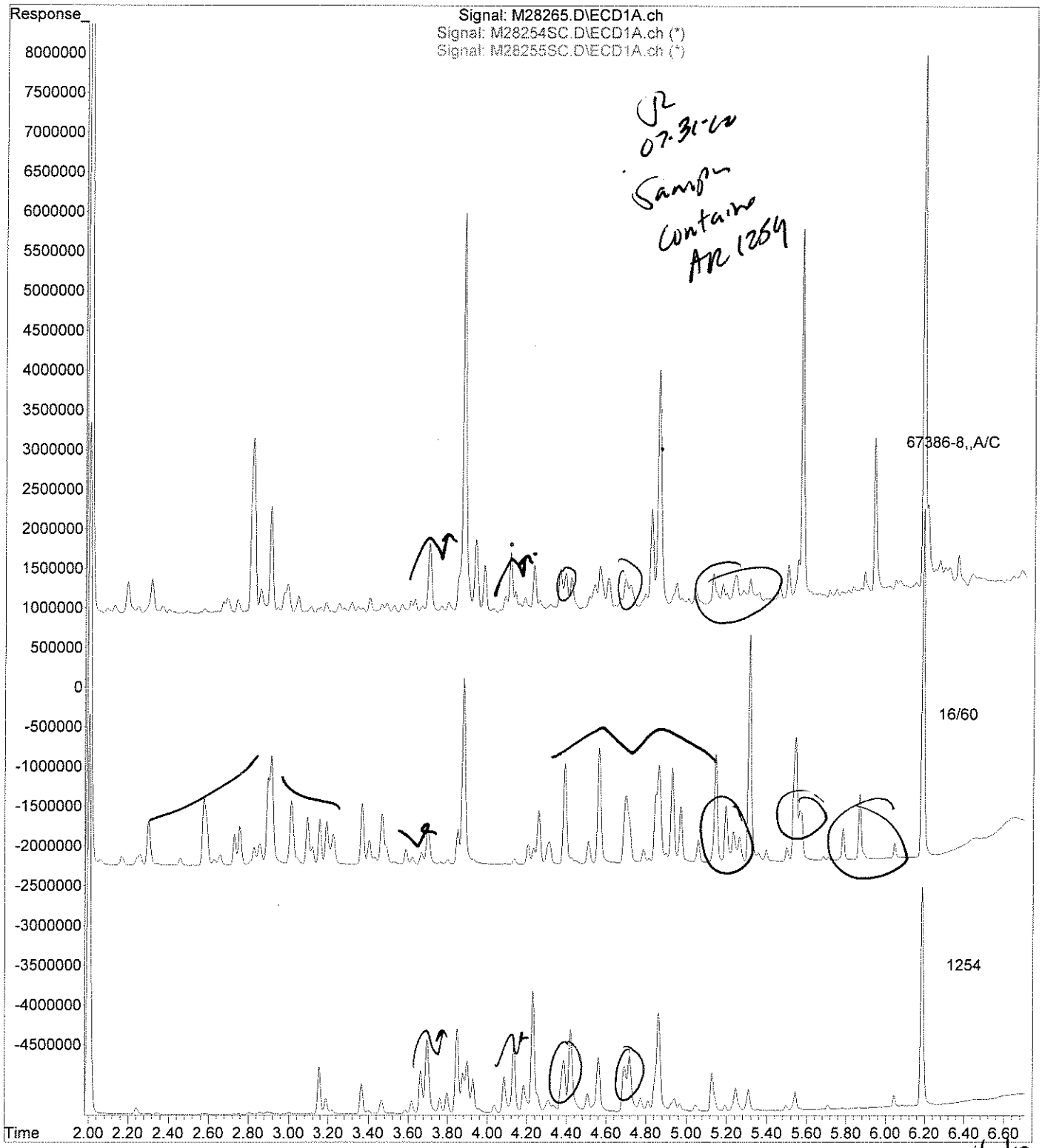
Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





SLL 8/2/10

File :C:\msdchem\1\DATA\073010-M\M28265.D
Operator : JK
Acquired : 30 Jul 2010 4:20 pm using AcqMethod PEST.M
Instrument : Instrument M
Sample Name: 67386-8,,A/C
Misc Info : SOIL
Vial Number: 15



JR 07-31-10 Sample Contains AR 1254

SLK 8/2/10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 2, 2010

SAMPLE DATA

Lab Sample ID:	67386-9
Matrix:	Solid
Percent Solid:	91
Dilution Factor:	1.1
Collection Date:	07/28/10
Lab Receipt Date:	07/29/10
Extraction Date:	07/29/10
Analysis Date:	07/30/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-226

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	36	U
PCB-1221	36	U
PCB-1232	36	U
PCB-1242	36	U
PCB-1248	36	U
PCB-1254	36	**712**
PCB-1260	36	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	84	%
Decachlorobiphenyl	66	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67386
Sample: 67386-9,,A/C
Data File: M28266.D
Dilution Factor: 1.1

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	712	590	18.8	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

PCB FORM 10

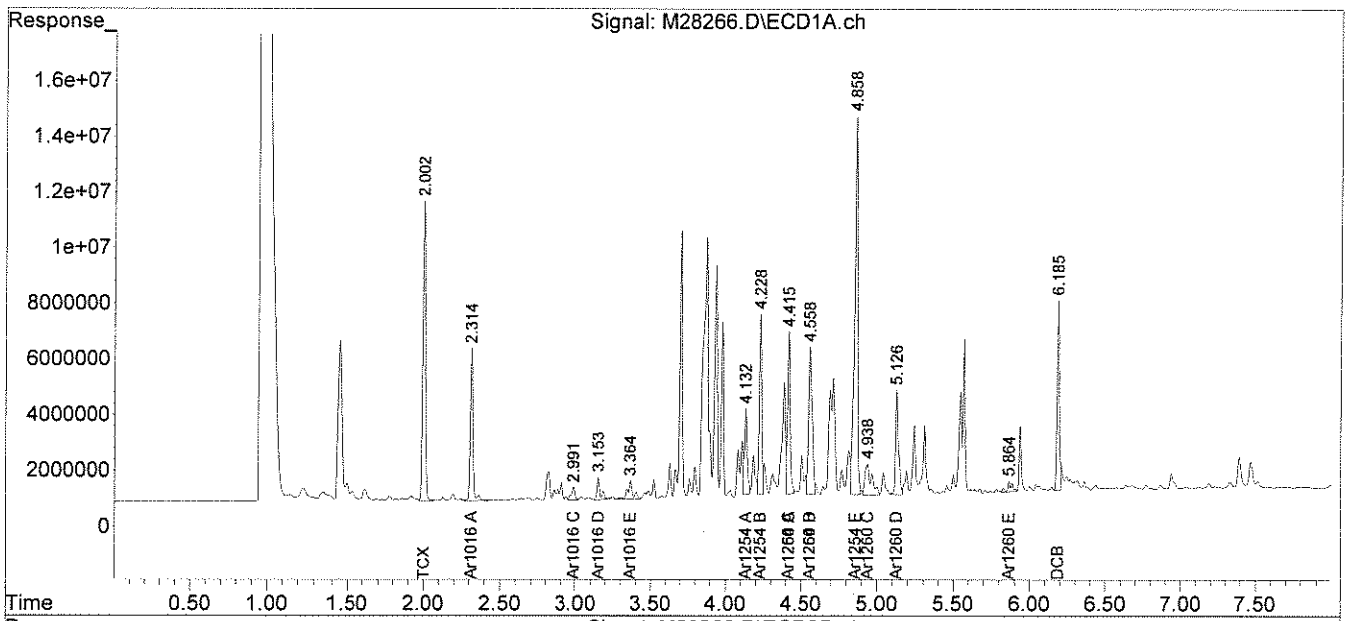
Quantitation Report (QT Reviewed)

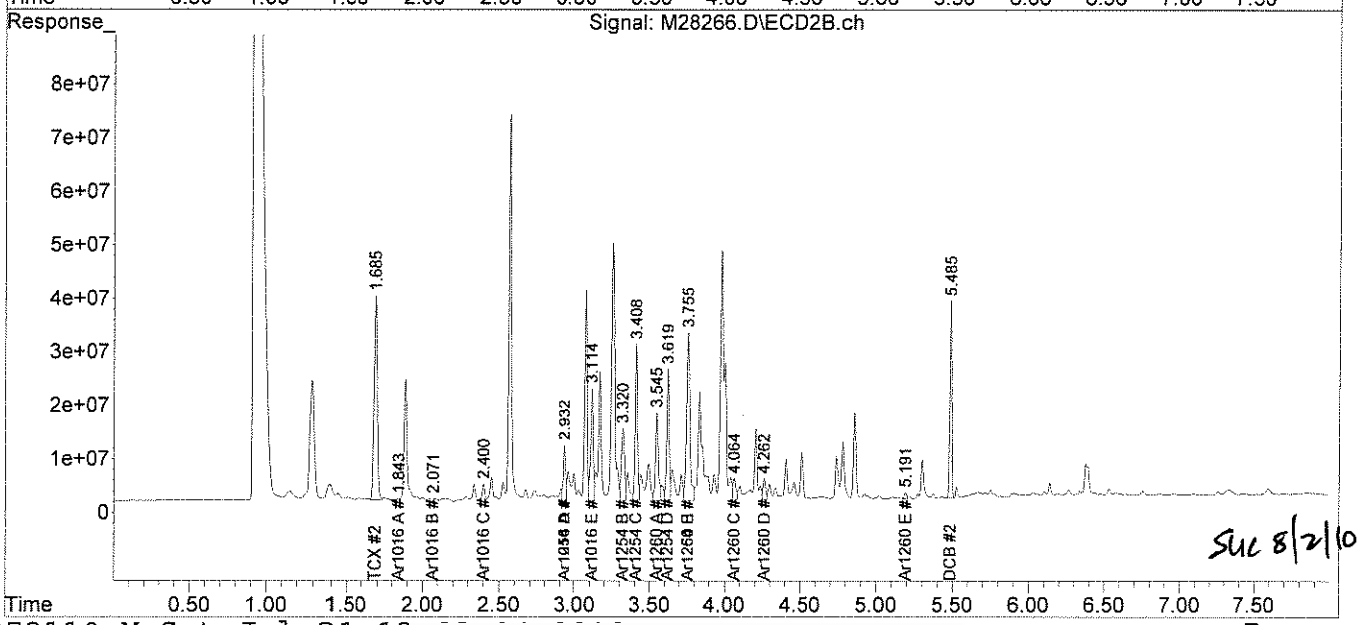
Data Path : C:\msdchem\1\DATA\073010-M\
Data File : M28266.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jul 2010 4:30 pm
Operator : JK
Sample : 67386-9,,A/C
Misc : SOIL
ALS Vial : 16 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 31 13:03:07 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um

07.31.10





SUC 8/2/10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 2, 2010

SAMPLE DATA

Lab Sample ID:	67386-10
Matrix:	Solid
Percent Solid:	93
Dilution Factor:	1.0
Collection Date:	07/28/10
Lab Receipt Date:	07/29/10
Extraction Date:	07/29/10
Analysis Date:	07/30/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-227

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	**542**
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	83	%
Decachlorobiphenyl	82	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67386
Sample: 67386-10,,A/C
Data File: M28267.D
Dilution Factor: 1.0

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	542	402	29.8	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

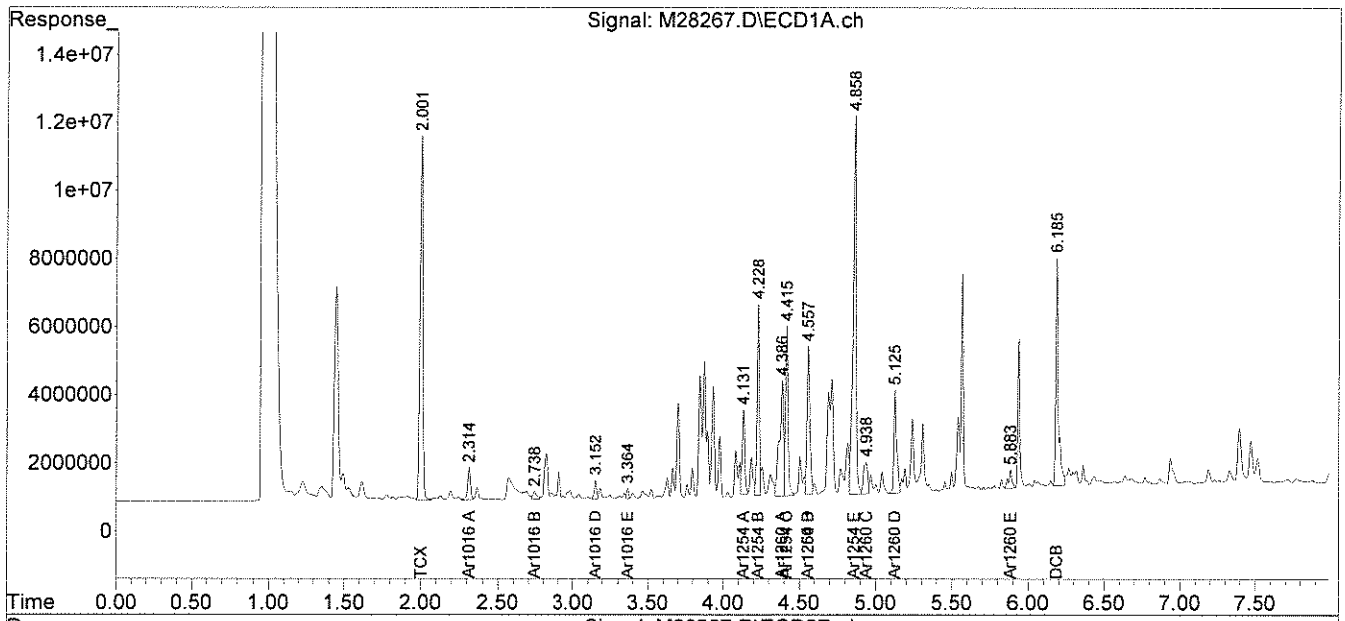
Quantitation Report (QT Reviewed)

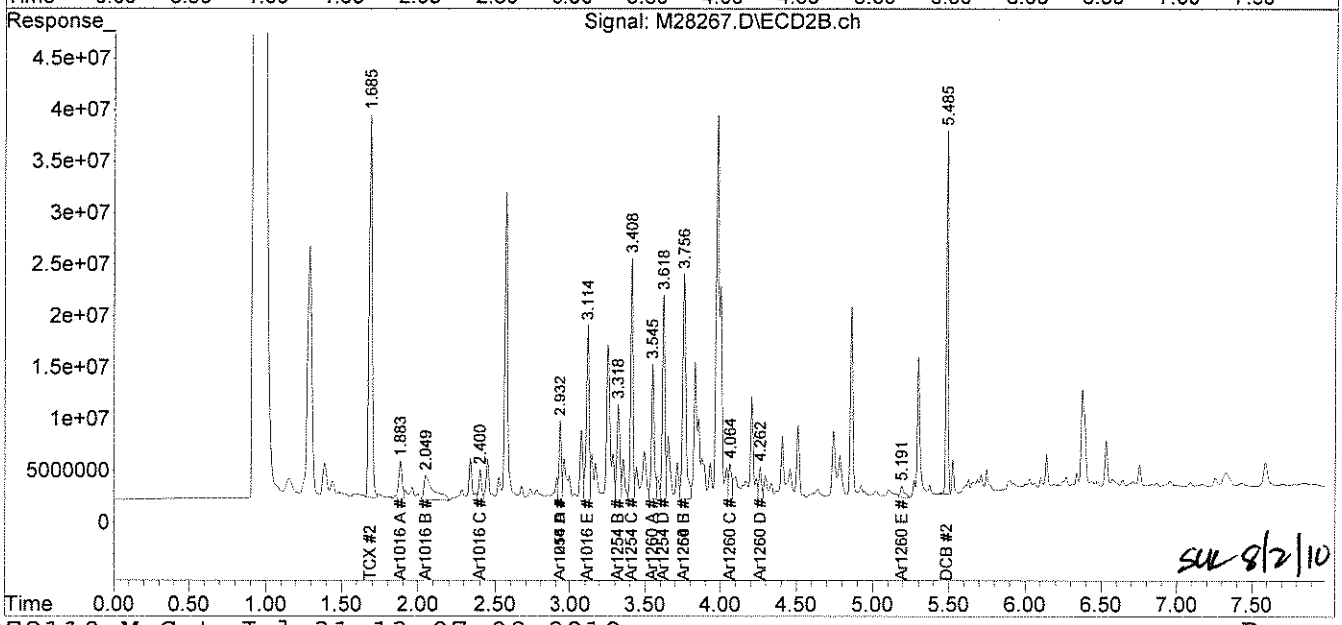
Data Path : C:\msdchem\1\DATA\073010-M\
Data File : M28267.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jul 2010 4:41 pm
Operator : JK
Sample : 67386-10,,A/C
Misc : SOIL
ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 31 13:06:59 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

JL 07.31.10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





SUL 8/2/10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 2, 2010

SAMPLE DATA

Lab Sample ID:	67386-11
Matrix:	Solid
Percent Solid:	93
Dilution Factor:	1.1
Collection Date:	07/28/10
Lab Receipt Date:	07/29/10
Extraction Date:	07/29/10
Analysis Date:	07/30/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-228

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	36	U
PCB-1221	36	U
PCB-1232	36	U
PCB-1242	36	U
PCB-1248	36	U
PCB-1254	36	**267**
PCB-1260	36	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	85	%
Decachlorobiphenyl	79	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67386
Sample: 67386-11,,A/C
Data File: M28268.D
Dilution Factor: 1.1

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	267	201	28.5	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

PCB FORM 10

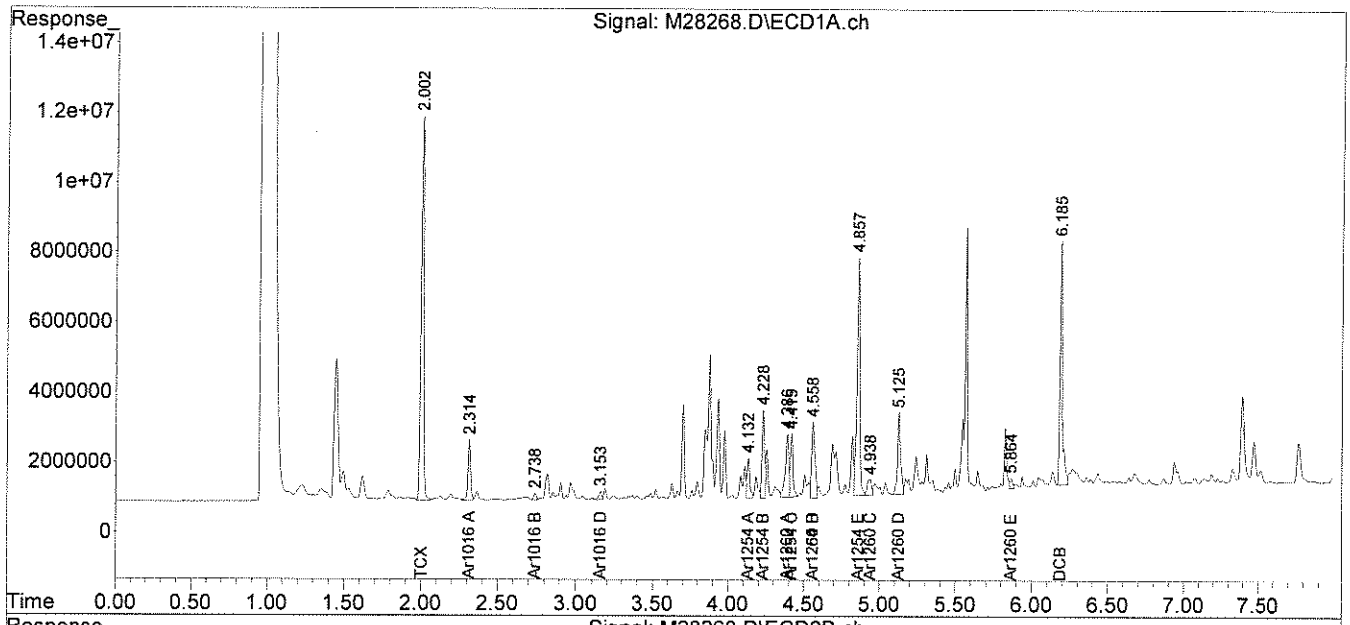
Quantitation Report (QT Reviewed)

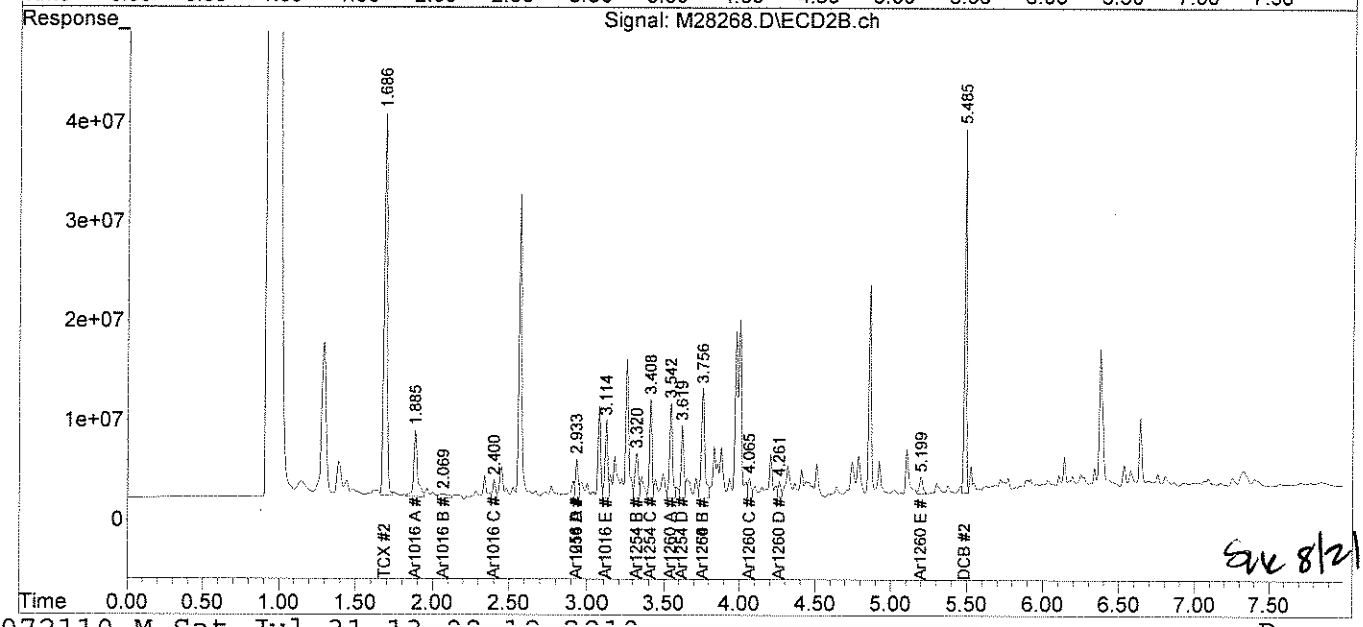
Data Path : C:\msdchem\1\DATA\073010-M\
Data File : M28268.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jul 2010 4:51 pm
Operator : JK
Sample : 67386-11,,A/C
Misc : SOIL
ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 31 13:08:11 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um

JL 07-31-V





SVL 8/2/10

PCB
QC FORMS

AnalyticsLLC:AEL Documents LLC:Pkg Dividers:PCBQC.doc

PCB SOIL
SYSTEM MONITORING COMPOUNDS
SUMMARY

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67386

	Column #1				Column #2			
SAMPLE ID	SMC 1 (%)	#	SMC 2 (%)	#	SMC 1 (%)	#	SMC 2 (%)	#
B072910PSOX,,A/C	86		73		83		71	
L072910PSOX,,A/C	82		72		85		74	
LD072910PSOX,,A/C	78		70		81		71	
67386-1,,A/C	85		74		88		74	
67386-2,,A/C	86		83		90		72	
67386-4,,A/C	85		76		88		69	
67386-5,,A/C	84		75		87		69	
67386-6,,A/C	80		74		85		63	
67386-7,,A/C	79		65		83		62	
67386-8,,A/C	84		63		87		66	
67386-9,,A/C	82		66		84		66	
67386-10,,A/C	83		82		85		63	
67386-11,,A/C	85		79		87		66	
67386-11,MS,,A/C	83		78		84		64	
67386-11,MSD,,A/C	81		80		82		64	

		Lower Limit	Upper Limit
SMC #1 =	TCX	40	130
SMC #2 =	DCB	40	130

\# Column to be used to flag recovery values outside of QC limits
* Values outside QC limits
D System Monitoring Compound diluted out

PCB AQUEOUS
SYSTEM MONITORING COMPOUNDS
SUMMARY

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67386

	Column #1				Column #2			
SAMPLE ID	SMC 1 (%)	#	SMC 2 (%)	#	SMC 1 (%)	#	SMC 2 (%)	#
B080210PW	73		55		78		60	
L080210PWB	82		63		87		70	
LD080210PWB	74		62		81		68	
67386-3	76		51		82		61	

		Lower Limit	Upper Limit
SMC #1 =	TCX	46	122
SMC #2 =	DCB	40	135

Column to be used to flag recovery values outside of QC limits
* Values outside QC limits
D System Monitoring Compound diluted out

PCB SOIL
LABORATORY CONTROL SAMPLE/DUPLICATE
PERCENT RECOVERY

Instrument ID: M

GC Column #1: STX-CLPesticides I

Column ID: 0.25 mm

GC Column #2: STX-CLPesticides II

Column ID: 0.25 mm

SDG: 67386

Non-spiked sample: B072910PSOX,,A/C

Spike: L072910PSOX,,A/C

Spike duplicate: LD072910PSOX,,A/C

COMPOUND	LCS SPIKE ADDED (ug/kg)	LCSD SPIKE ADDED (ug/kg)	LOWER LIMIT	UPPER LIMIT	RPD LIMIT	NON-SPIKE RESULT (ug/kg)	SPIKE RESULT (ug/kg)	SPIKE % REC	#	SPIKE DUP RESULT (ug/kg)	SPIKE DUP % REC	#	RPD	#
PCB 1016	200	200	65	140	30	0	199	100		187	94		6.0	
PCB 1260	200	200	60	130	30	0	181	91		178	89		1.6	
PCB 1016 #2	200	200	65	140	30	0	242	121		241	120		0.4	
PCB 1260 #2	200	200	60	130	30	0	189	94		186	93		1.5	

Column to be used to flag recovery and RPD values outside of QC limits

* Values outside QC limits

LCS/LCSD spike added values have been weight adjusted.

Non-spike result of "0" used in place of "U" to allow calculation of spike recovery.

Comments: _____

PCB FORM 3

PCB SOIL
MATRIX SPIKE/DUPLICATE
PERCENT RECOVERY

Instrument ID: M

GC Column #1: STX-CLPesticides I

Column ID: 0.25 mm

GC Column #2: STX-CLPesticides II

Column ID: 0.25 mm

SDG: 67386

Non-spiked sample: 67386-11,,A/C

Spike: 67386-11,MS,,A/C

Spike duplicate: 67386-11,MSD,,A/C

COMPOUND	LCS SPIKE ADDED (ug/kg)	LCSD SPIKE ADDED (ug/kg)	LOWER LIMIT	UPPER LIMIT	RPD LIMIT	NON-SPIKE RESULT (ug/kg)	SPIKE RESULT (ug/kg)	SPIKE % REC	#	SPIKE DUP RESULT (ug/kg)	SPIKE DUP % REC	#	RPD	#
PCB 1016	209	210	65	140	30	0	263	125		267	127		1.3	
PCB 1260	209	210	60	130	30	0	346	165	*	357	170	*	2.8	
PCB 1016 #2	209	210	65	140	30	0	445	212	*	445	212	*	0.1	
PCB 1260 #2	209	210	60	130	30	0	284	136	*	283	135	*	0.6	

Column to be used to flag recovery and RPD values outside of QC limits

* Values outside QC limits

LCS/LCSD spike added values have been weight adjusted.

Non-spike result of "0" used in place of "U" to allow calculation of spike recovery.

Comments: _____

_____

PCB AQUEOUS
LABORATORY CONTROL SAMPLE/DUPLICATE
PERCENT RECOVERY

Instrument ID: M

GC Column #1: STX-CLPesticides I

Column ID: 0.25 mm

GC Column #2: STX-CLPesticides II

Column ID: 0.25 mm

SDG: 67386

Non-spiked sample: B080210PW

Spike: L080210PWB

Spike duplicate: LD080210PWB

COMPOUND	LCS SPIKE ADDED (ug/L)	LCSD SPIKE ADDED (ug/L)	LOWER LIMIT	UPPER LIMIT	RPD LIMIT	NON-SPIKE RESULT (ug/L)	SPIKE RESULT (ug/L)	SPIKE % REC	#	SPIKE DUP RESULT (ug/L)	SPIKE DUP % REC	#	RPD	#
PCB 1016	2.00	2.00	65	140	30	0	1.78	89		1.71	86		3.8	
PCB 1260	2.00	2.00	60	130	30	0	1.81	91		1.75	88		3.6	
PCB 1016 #2	2.00	2.00	65	140	30	0	2.02	101		2.07	104		2.4	
PCB 1260 #2	2.00	2.00	60	130	30	0	1.90	95		1.83	92		3.6	

Column to be used to flag recovery and RPD values outside of QC limits

* Values outside QC limits

LCS/LCSD spike added values have been weight adjusted.

Non-spike result of "0" used in place of "U" to allow calculation of spike recovery.

Comments: _____

_____

CHAIN OF CUSTODIES

Chain Of Custody Form

analytics environmental laboratory LLC
195 Commerce Way Suite E
Portsmouth, NH 03801
Phone (603) 436-5111
Fax (603) 430-2151

For Analytics Use Only Rev. 5 06/18/08

Samples were:
1) Shipped or hand-delivered
2) Temp blank °C 3.4°
3) Received in good condition (Y) or N
4) pH checked by: CP 7/29/10
5) Labels checked by: 07/29/10

Project#: 223019 Proj. Name: AMISTAD ACADEMY
Company: Woodard & Curran
Contact: GEORGE FRANKLIN / JEFF HAMEL
Address: 35 New England Business Center Suite 180
Andover, MA 01810
Phone: (978)557-8150 PO# Quote # WCI0305 1001
Sampler (Signature): [signature]

Matrix Key:
C = Concrete
WP = Wipe
WW = Wastewater
SW = Surface Water
GW = Groundwater
DW = Drinking Water
S = Soil/Sludge
O = Oil
E = Extract
D - DI H_2O

Container Key
P=plastic G=glass

Station Identification	Sample Date	Sample Time	Analysis	Unpres	4° C	HNO_3	H_2SO_4	HCL	Methanol	Other	Matrix	Container number/type		pH	Analytics Sample #
AA-VSS-218	7/28/10	1040	PCB's by U.S. E.P.A. 8082 w/ Soxhlet Extraction		✓						S	1	G		67386-1
AA-VSS-519		1050			✓						S	1	G		2
AA-VSS-Q-220 *		1100			✓						D	1	G	6.0	3
AA-VSS-221		1115			✓						S	1	G		4
AA-VSS-222		1120			✓						S	1	G		5
AA-VSS-223		1125			✓						S	1	G		6
AA-VSS-224		1130			✓						S	1	G		7
AA-VSS-225		1135			✓						S	1	G		8
AA-VSS-226		1300			X							1	G		9
AA-VSS-227		1305			X							1			10
AA-VSS-228		1310			X							1			11

Email Results to:
gfranklin@...
jhamel@...

Turnaround Time (TAT)
☐ 24hr* ☑ 48hr*
☐ 72hr* ☐ 5 Days*
☐ 10 Days
*Fee may apply; lab approval required

Comments / Instructions:
R.L. ≤1.0 mg/kg.
*Amber liter is (-) for CL using VCI paper - CP 7/29/10

Project Requirements:
*Fee may apply

Report Type:
☐ MCP* ☑ Level II*
☐ CTRCP* ☐ Level III*
☐ DOD* ☐ Level IV*
☐ Standard

State:
☐ NH
☐ MA
☐ ME
☑ CT
☐ RI
Other:

State Standard:
(eg. S-1 or GW-1)
EDD Required: (Y) N
Type: .xls

Received By: Fed Ex	Received By: [signature]	Received By: CP 7/29/10
Time:	Time: 9:53am	Time:
Date: 7/28/10	Date: 7.29.10	Date:
Relinquished By Sampler: [signature]	Relinquished By: Fed Ex	Relinquished By:

Analytics\AEL Documents\AEL COC

Page 1 of ___

ANALYTICS SAMPLE RECEIPT CHECKLIST

analytics environmental laboratory LLC

AEL LAB#: 67386

CLIENT: Woodard

PROJECT: Amistad Academy

COOLER NUMBER: N/A

NUMBER OF COOLERS: 1

DATE RECEIVED: 7/29/10

A: PRELIMINARY EXAMINATION:

DATE COOLER OPENED: 7/29/10

1. Cooler received by(initials): JL/CP

Date Received: 7/29/10

2. Circle one: Hand delivered (If so, skip 3) Shipped

3. Did cooler come with a shipping slip? Y N

3a. Enter carrier name and airbill number here: Fed Ex 7988 9214 7984

4. Were custody seals on the outside of cooler? Y N
How many & where: — Seal Date: — Seal Name: —

5. Did the custody seals arrive unbroken and intact upon arrival? Y N/A

6. COC#: N/A

7. Were Custody papers filled out properly (ink,signed, etc)? Y N

8. Were custody papers sealed in a plastic bag? Y N

9. Did you sign the COC in the appropriate place? Y N

10. Was the project identifiable from the COC papers? Y N

11. Was enough ice used to chill the cooler? Y N Temp. of cooler: 3.4°

B. Log-In: Date samples were logged in: 7/29/10 By: CP

12. Type of packing in cooler(bubble wrap, popcorn) Y N

13. Were all bottles sealed in separate plastic bags? Y N

14. Did all bottles arrive unbroken and were labels in good condition? Y N

15. Were all bottle labels complete(ID,Date,time,etc.) Y N

16. Did all bottle labels agree with custody papers? Y N

17. Were the correct containers used for the tests indicated: Y N

18. Were samples received at the correct pH? Y N

19. Was sufficient amount of sample sent for the tests indicated? Y N

20. Were bubbles absent in VOA samples? Y N/A

If NO. List Sample ID's and Lab #s: _____

21. Laboratory labeling verified by (initials): b Date: 7/29/10

From: Origin ID: BNHA (203) 271-0379
Jesse Ream
WOODARD & CURRAN INC
1520 HIGHLAND AVENUE

CHESHIRE, CT 06410

FedEx Express

J10201005250225

Ship Date: 28JUL10
ActWgt: 35.0 LB
CAD: 2185050/INET3060

Delivery Address Bar Code

SHIP TO: (603) 436-5111 BILL SENDER

Analytics Enviro Labs, LLC
Analytics Enviro Labs, LLC
195 COMMERCE WAY UNIT E

PORTSMOUTH, NH 03801

Ref # 223019.00
Invoice #
PO #
Dept #

TRK# 0201 7988 9214 7984

THU - 29 JUL A2
PRIORITY OVERNIGHT

03801
NH-US
MHT

03 IGGA

RT 328 1 C
7984
07.29
FZ

506G1/9807/SA24

After printing this label:
1. Use the 'Print' button on this page to print your label to your laser or inkjet printer.
2. Fold the printed page along the horizontal line.
3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

Warning: Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com.FedEx will not be responsible for any claim in excess of $100 per package, whether the result of loss, damage, delay, non-delivery,misdelivery,or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim.Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic valueof the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental,consequential, or special is limited to the greater of $100 or the authorized declared value. Recovery cannot exceed actual documented loss.Maximum for items of extraordinary value is $500, e.g. jewelry, precious metals, negotiable instruments and other items listed in our ServiceGuide. Written claims must be filed within strict time limits, see current FedEx Service Guide.

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

August 31, 2010

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

RE: Analytical Results Case Narrative
Analytics # 67404 Revision 1
AMISTAD ACADEMY

Dear Mr. Franklin;

Enclosed please find the analytical results for samples submitted for the above-mentioned project. The attached Cover Page lists the sample IDs, Lab tracking numbers and collection dates for the samples included in this deliverable.

Samples were analyzed Polychlorinated Biphenyls (PCBs) by EPA Method 8082.

Revision 1: This report has been revised to correct the data entry error for the surrogate result on The laboratory blank B080210PW and sample 67404-8 (AA-VSS-236). Please replace pages of the original report with the pages provided here.

Unless otherwise noted in the Non-conformance Summary listed below, all of the quality control (QC) criteria including initial calibration, calibration verification, surrogate recovery, holding time and method accuracy/precision for these analyses were within acceptable limits.

This Level II data package has been assembled in the following order:

Case Narrative/Non-Conformance Summary
Sample Log Sheet - Cover Page
PCB Form 1 Data Sheet for Samples and Blanks
Chromatograms
PCB Form 10 Confirmation Results
PCB Form 3 MS/MSD (LCS) Recoveries
Chain of Custody (COC) Forms

QC NON-CONFORMANCE SUMMARY

Sample Receipt:
No exceptions.

PCBs by EPA Method 8082:
No results were reported below the quantitation limit.

Sample 67404-17 was analyzed at a dilution due to PCB concentrations that exceeded the instrument calibration range.

The closing continuing calibration standard (file# M28335SC) did not meet acceptance criteria for Decachlorobiphenyl on both columns. The standard was reanalyzed (file# M28336SC) with all analytes were in control. Results were reported without qualification.

If you have any questions on these results, please do not hesitate to contact me.

Sincerely,
ANALYTICS Environmental Laboratory, LLC

Stephen L. Knollmeyer
Laboratory Director

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 31, 2010

SAMPLE DATA

Lab Sample ID: B080210PW
Matrix: Aqueous
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date:
Lab Receipt Date:
Extraction Date: 08/02/10
Analysis Date: 08/02/10

CLIENT SAMPLE ID

Project Name: Amistad Academy
Project Number: 223019
Field Sample ID: Lab QC

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/L	Results µg/L
PCB-1016	0.2	U
PCB-1221	0.2	U
PCB-1232	0.2	U
PCB-1242	0.2	U
PCB-1248	0.2	U
PCB-1254	0.2	U
PCB-1260	0.2	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	78	%
Decachlorobiphenyl	60	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS:

PCB Report

Authorized signature

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 31, 2010

SAMPLE DATA

Lab Sample ID:	67404-8
Matrix:	Solid
Percent Solid:	92
Dilution Factor:	1.0
Collection Date:	07/29/10
Lab Receipt Date:	07/30/10
Extraction Date:	07/30/10
Analysis Date:	08/02/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-236

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	**272**
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	93	%
Decachlorobiphenyl	73	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

August 27, 2010

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

RE: Analytical Results Case Narrative
Analytics # 67420 Revision 1.0
AMISTAD ACADEMY

Dear Mr. Franklin;

Enclosed please find the analytical results for samples submitted for the above-mentioned project. The attached Cover Page lists the sample IDs, Lab tracking numbers and collection dates for the samples included in this deliverable.

Samples were analyzed Polychlorinated Biphenyls (PCBs) by EPA Method 8082.

Revision 1: This report has been revised to correct the data entry error for the surrogate result on sample B060210PSOX RR. In addition the form 3 for the MS/MSD on sample 67420-3 has been provided. Please replace pages of the original report with the pages provided here.

Unless otherwise noted in the Non-conformance Summary listed below, all of the quality control (QC) criteria including initial calibration, calibration verification, surrogate recovery, holding time and method accuracy/precision for these analyses were within acceptable limits.

This Level II data package has been assembled in the following order:

Case Narrative/Non-Conformance Summary
Sample Log Sheet - Cover Page
PCB Form 1 Data Sheet for Samples and Blanks
Chromatograms
PCB Form 10 Confirmation Results
PCB Form 3 MS/MSD (LCS) Recoveries
Chain of Custody (COC) Forms

QC NON-CONFORMANCE SUMMARY

Sample Receipt:
No exceptions.

PCBs by EPA Method 8082:
No results were reported below the quantitation limit.

Sample 67420-2 was analyzed at a dilution due to PCB concentrations that exceeded the instrument calibration range.

The closing continuing calibration standard (file# M28389SC) did not meet acceptance criteria for Decachlorobiphenyl on both columns. The standard was reanalyzed (file# M28390SC) with all analytes were in control. Results were reported without qualification.

If you have any questions on these results, please do not hesitate to contact me.

Sincerely,
ANALYTICS Environmental Laboratory, LLC

Stephen L. Knollmeyer
Laboratory Director

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 27, 2010

SAMPLE DATA

Lab Sample ID: B080210PSOX RR
Matrix: Soil
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date:
Lab Receipt Date:
Extraction Date: 08/02/10
Analysis Date: 08/03/10

CLIENT SAMPLE ID

Project Name: Amistad Academy
Project Number: 223019
Field Sample ID: Lab QC

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	91	%
Decachlorobiphenyl	90	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB SOIL
MATRIX SPIKE/DUPLICATE
PERCENT RECOVERY

Instrument ID: M

GC Column #1: STX-CLPesticides I

Column ID: 0.25 mm

GC Column #2: STX-CLPesticides II

Column ID: 0.25 mm

SDG:

Non-spiked sample: 67420-3,,A/C

Spike: 67420-3,MS,,A/C

Spike duplicate: 67420-3,MSD,,A/C

JL 03.04.10

COMPOUND	LCS SPIKE ADDED (ug/kg)	LCSD SPIKE ADDED (ug/kg)	LOWER LIMIT	UPPER LIMIT	RPD LIMIT	NON-SPIKE RESULT (ug/kg)	SPIKE RESULT (ug/kg)	SPIKE % REC	#	SPIKE DUP RESULT (ug/kg)	SPIKE DUP % REC	#	RPD	#
PCB 1016	207	195	65	140	30	0	223	108		217	111		3.4	
PCB 1260	207	195	60	130	30	0	210	101		241	124		20.1	
PCB 1016 #2	207	195	65	140	30	0	280	135		233	120		11.8	
PCB 1260 #2	207	195	60	130	30	0	225	109		225	115		5.9	

Column to be used to flag recovery and RPD values outside of QC limits

* Values outside QC limits

LCS/LCSD spike added values have been weight adjusted.

Non-spike result of "0" used in place of "U" to allow calculation of spike recovery.

Comments: _____

JBV 8/9/10

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

August 6, 2010

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

RE: Analytical Results Case Narrative
Analytics # 67435
AMISTAD ACADEMY

Dear Mr. Franklin;

Enclosed please find the analytical results for samples submitted for the above-mentioned project. The attached Cover Page lists the sample IDs, Lab tracking numbers and collection dates for the samples included in this deliverable.

Samples were analyzed Polychlorinated Biphenyls (PCBs) by EPA Method 8082.

Unless otherwise noted in the Non-conformance Summary listed below, all of the quality control (QC) criteria including initial calibration, calibration verification, surrogate recovery, holding time and method accuracy/precision for these analyses were within acceptable limits.

This Level II data package has been assembled in the following order:

Case Narrative/Non-Conformance Summary
Sample Log Sheet - Cover Page
PCB Form 1 Data Sheet for Samples and Blanks
Chromatograms
PCB Form 10 Confirmation Results
PCB Form 3 MS/MSD (LCS) Recoveries
Chain of Custody (COC) Forms

QC NON-CONFORMANCE SUMMARY

Sample Receipt:
No exceptions.

PCBs by EPA Method 8082:
No results were reported below the quantitation limit.

The closing continuing calibration standard (file#M28459SC) had marginally high recovery for surrogate Decachlorobiphenyl (116%) on column #2. Column#**1** was in control for all analytes. Results were reported without qualification.

If you have any questions on these results, please do not hesitate to contact me.

Sincerely,
ANALYTICS Environmental Laboratory, LLC

Stephen L. Knollmeyer
Laboratory Director

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

Report Number: 67435

Revision: Rev. 0

Re: Amistad Academy (Project No: 223019)

Enclosed are the results of the analyses on your sample(s). Samples were received on 04 August 2010 and analyzed for the tests listed. Samples were received in acceptable condition, with the exceptions noted below or on the chain of custody. These results pertain to samples as received by the laboratory and for the analytical tests requested on the chain of custody. The results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report. Please see individual reports for specific methodologies and references.

Sample Analysis: The attached pages detail the Client Sample IDs, Lab Sample IDs, and Analyses requested

Sample Receipt Exceptions: None

Analytics Environmental Laboratory is certified by the states of New Hampshire, Maine, Massachusetts, Connecticut, Rhode Island, Virginia, Maryland, and is accredited by the Deparment of Defense (DOD) ELAP program. A list of actual certified parameters is available upon request.

If you have any questions on these results, please do not hesitate to contact us.

Authorized signature _____
Stephen L. Knollmeyer Lab. Director

Date 08/06/2010

This report shall not be reproduced, except in full, without the written consent of Analytics Environmental Laboratory, LLC.

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

CLIENT: Woodard & Curran **REPORT NUMBER: 67435** **REV: Rev. 0**

PROJECT: Amistad Academy (Project No: 223019)

Lab Number	Sample Date	Station Location	Analysis	Comments
67435-1	08/03/10	AA-VSS-247	EPA 8082 (PCBs only)	
67435-2	08/03/10	AA-VSS-248	EPA 8082 (PCBs only)	
67435-3	08/03/10	AA-VSS-249	EPA 8082 (PCBs only)	
67435-4	08/03/10	AA-VSS-250	EPA 8082 (PCBs only)	
67435-5	08/03/10	AA-VSS-251	EPA 8082 (PCBs only)	
67435-6	08/03/10	AA-VSS-252	EPA 8082 (PCBs only)	
67435-7	08/03/10	AA-VSS-253	EPA 8082 (PCBs only)	
67435-8	08/03/10	AA-VSS-254	EPA 8082 (PCBs only)	
67435-9	08/03/10	AA-VSS-255	EPA 8082 (PCBs only)	
67435-10	08/03/10	AA-VSS-256	EPA 8082 (PCBs only)	
67435-11	08/03/10	AA-VSS-257	Electronic Data Deliverable	
	08/03/10	AA-VSS-257	EPA 8082 (PCBs only)	

Surrogate Compound Limits

Matrix:	Aqueous	Solid	
Units:	% Recovery	% Recovery	Method
Volatile Organic Compounds - Drinking Water			
1,4-Difluorobenzene	70-130		EPA 524.2
Bromofluorobenzene	70-130		
1,2-Dichlorobenzene-d4	70-130		
Volatile Organic Compounds			
1,2-Dichloroethane-d4	70-120	70-120	EPA 624/8260B
Toluene-d8	85-120	85-120	
Bromofluorobenzene	75-120	75-120	
Semi-Volatile Organic Compounds			
2-Fluorophenol	20-110	35-105	EPA 625/8270C
d5-Phenol	15-110	40-100	
d5-nitrobenzene	40-110	35-100	
2-Fluorobiphenyl	50-110	45-105	
2,4,6-Tribromophenol	40-110	40-125	
d14-p-terphenyl	50-130	30-125	
PAH's by SIM			
d5-nitrobenzene	21-110	35-110	EPA 8270C
2-Fluorobiphenyl	36-121	45-105	
d14-p-terphenyl	33-141	30-125	
Pesticides and PCBs			
2,4,5,6-Tetrachloro-m-xylene (TCX)	46-122	40-130	EPA 608/8082
Decachlorobiphenyl (DCB)	40-135	40-130	
Herbicides			
Dichloroacetic acid (DCAA)	30-150	30-150	
Gasoline Range Organics/TPH Gasoline			
Trifluorotoluene TFT (FID)	60-140	60-140	MEDEP 4217/EPA 8015
Bromofluorobenzene (BFB) (FID)	60-140	60-140	
Trifluorotoluene TFT (PID)	60-140	60-140	
Bromofluorobenzene (BFB) (PID)	60-140	60-140	
Diesel Range Organics/TPH Diesel			
m-terphenyl	60-140	60-140	MEDEP 4125/EPA 8015/CT ETPH
Volatile Petroleum Hydrocarbons			
2,5-Dibromotoluene (PID)	70-130	70-130	MADEP VPH May 2004 Rev1.1
2,5-Dibromotoluene (FID)	70-130	70-130	
Extracatable Petroleum Hydrocarbons			
1-chloro-octadecane (aliphatic)	40-140	40-140	MADEP EPH May 2004 Rev1.1
o-Terphenyl (aromatic)	40-140	40-140	
2-Fluorobiphenyl (Fractionation)	40-140	40-140	
2-Bromonaphthalene (fractionation)	40-140	40-140	

PCB
DATA SUMMARIES

AnalyticsLLC:AEL Documents LLC:Pkg Dividers:PCB.doc

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 6, 2010

SAMPLE DATA

Lab Sample ID: B080410PSOX
Matrix: Soil
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date:
Lab Receipt Date:
Extraction Date: 08/04/10
Analysis Date: 08/05/10

CLIENT SAMPLE ID

Project Name: Amistad Academy
Project Number: 223019
Field Sample ID: Lab QC

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	84	%
Decachlorobiphenyl	67	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

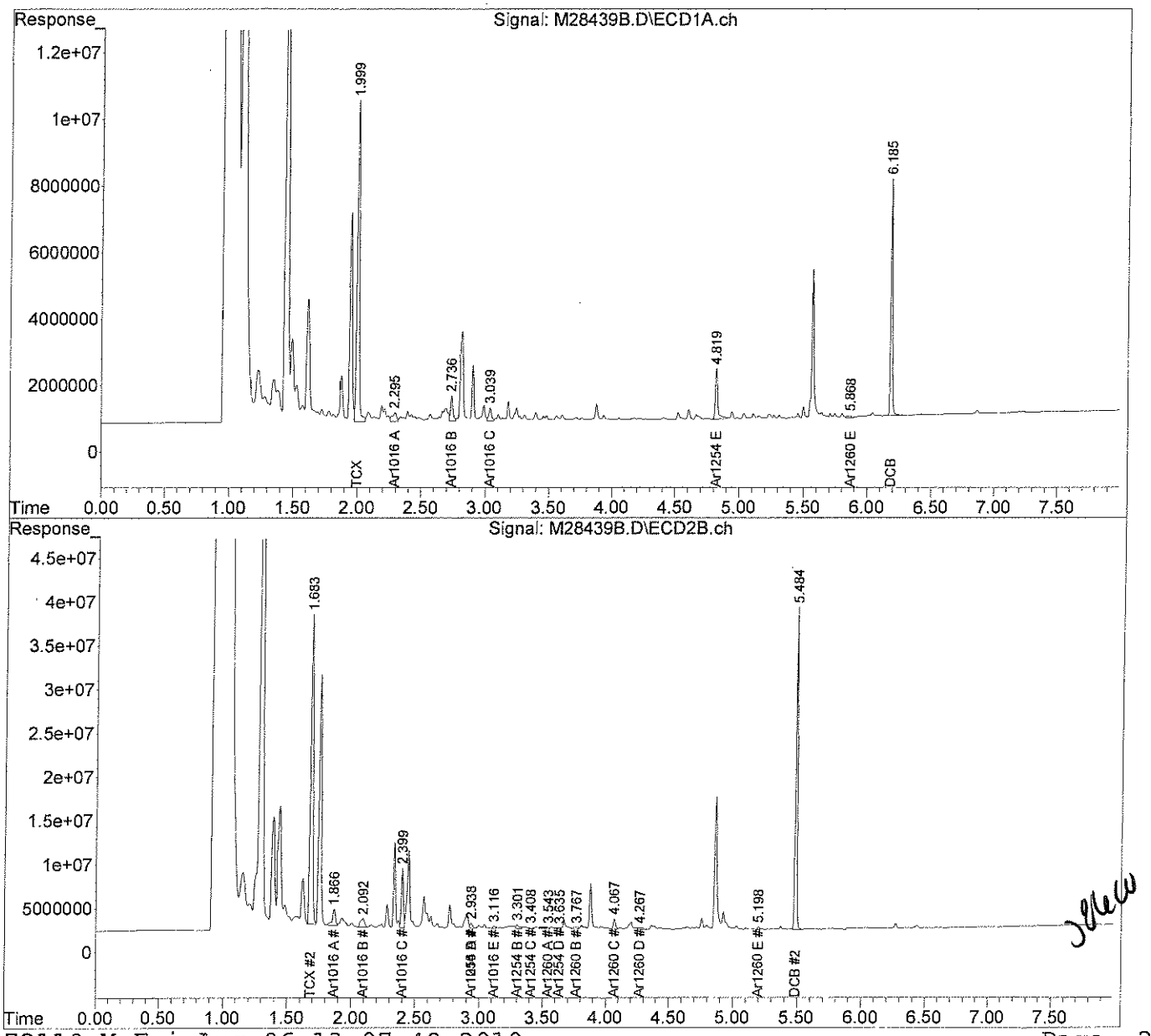
Authorized signature

Data Path : C:\msdchem\1\DATA\080510-M\
Data File : M28439B.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 5 Aug 2010 4:11 pm
Operator : JK
Sample : B080410PSOX,,A/C
Misc : SOIL
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 06 13:07:48 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

JL 08-06-10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um



analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 6, 2010

SAMPLE DATA

Lab Sample ID:	67435-1
Matrix:	Solid
Percent Solid:	83
Dilution Factor:	1.1
Collection Date:	08/03/10
Lab Receipt Date:	08/04/10
Extraction Date:	08/04/10
Analysis Date:	08/05/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-247

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	36	U
PCB-1221	36	U
PCB-1232	36	U
PCB-1242	36	U
PCB-1248	36	U
PCB-1254	36	**436**
PCB-1260	36	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	87	%
Decachlorobiphenyl	78	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67435
Sample: 67435-1,,A/C
Data File: M28445.D
Dilution Factor: 1.1

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	436	397	9.3	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

PCB FORM 10

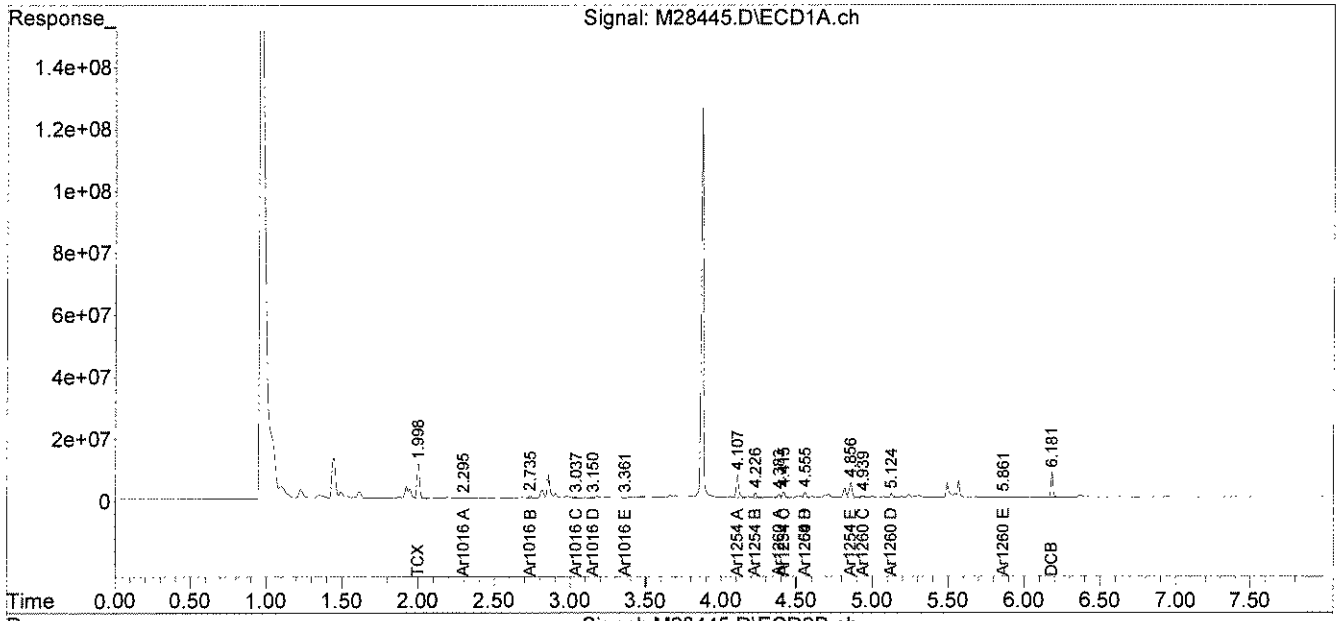
Quantitation Report (Not Reviewed)

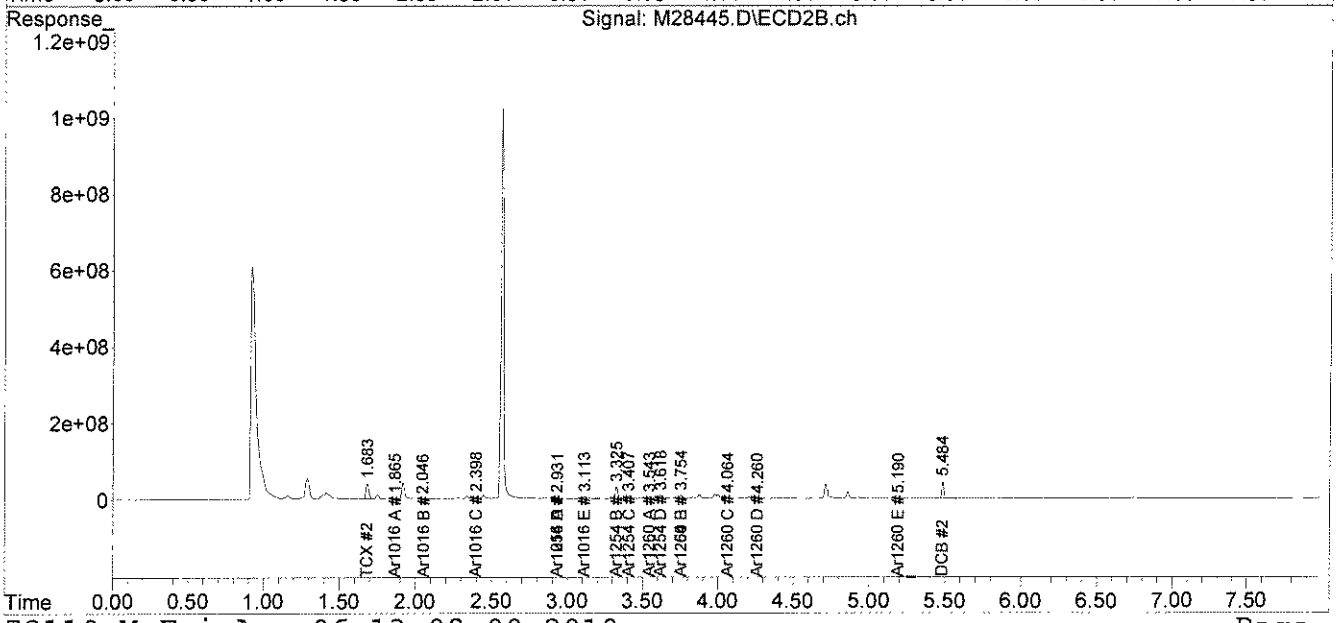
Data Path : C:\msdchem\1\DATA\080510-M\
Data File : M28445.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 5 Aug 2010 5:13 pm
Operator : JK
Sample : 67435-1,,A/C
Misc : SOIL
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 06 13:08:00 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

JR 08.06.10

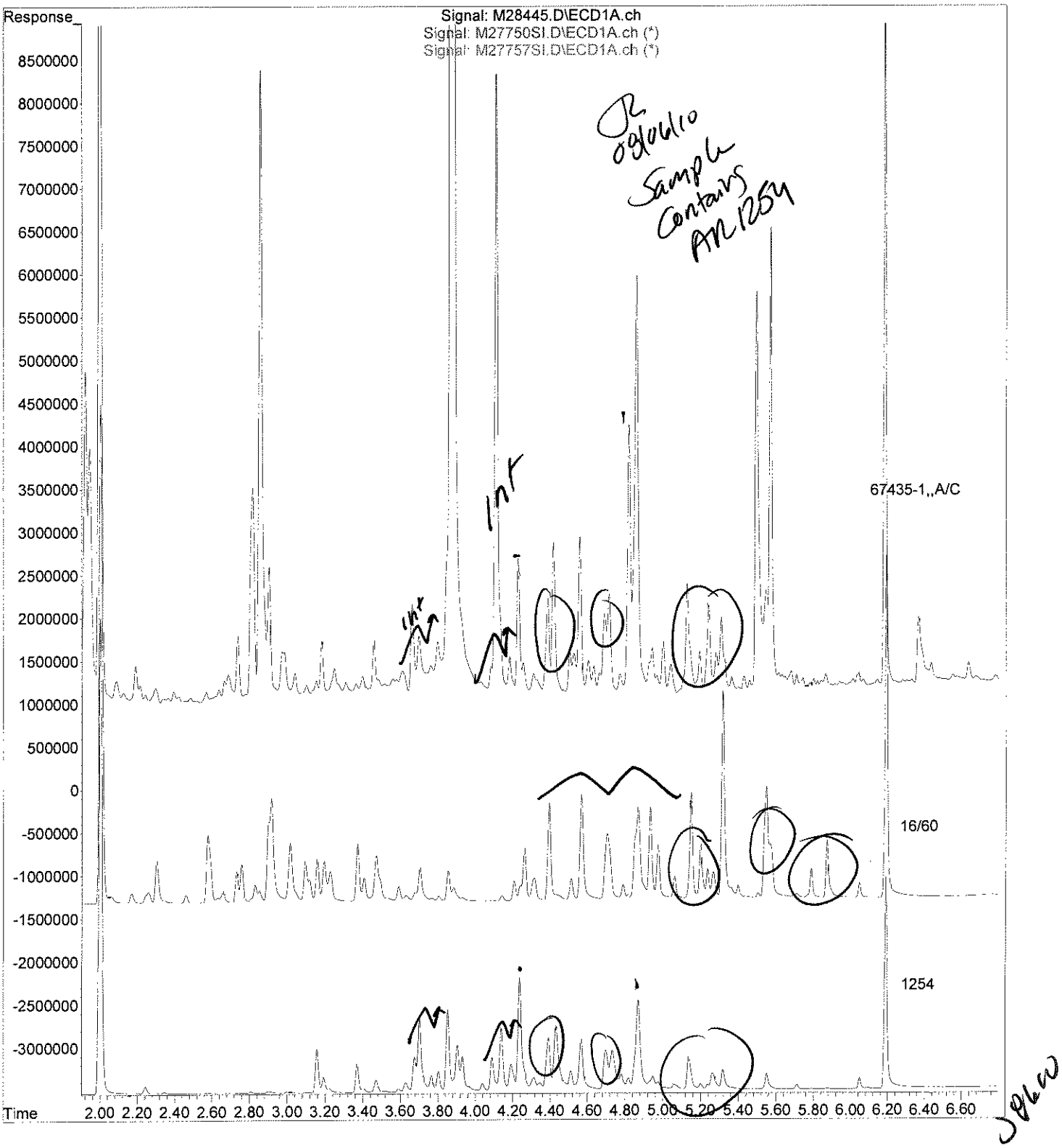
Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





5 peaks

File :C:\msdchem\1\DATA\080510-M\M28445.D
Operator : JK
Acquired : 5 Aug 2010 5:13 pm using AcqMethod PEST.M
Instrument : Instrument M
Sample Name: 67435-1,,A/C
Misc Info : SOIL
Vial Number: 12



analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 6, 2010

SAMPLE DATA

Lab Sample ID:	67435-2
Matrix:	Solid
Percent Solid:	95
Dilution Factor:	1.0
Collection Date:	08/03/10
Lab Receipt Date:	08/04/10
Extraction Date:	08/04/10
Analysis Date:	08/05/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-248

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	68	%
Decachlorobiphenyl	61	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

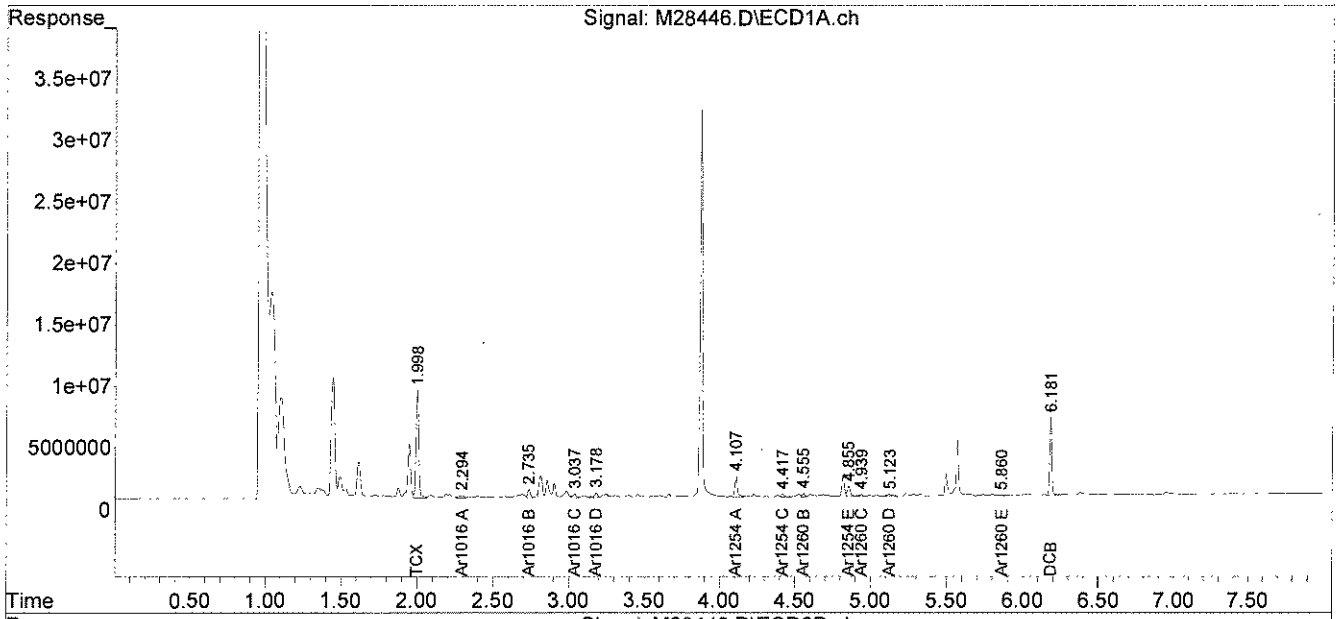
Quantitation Report (Not Reviewed)

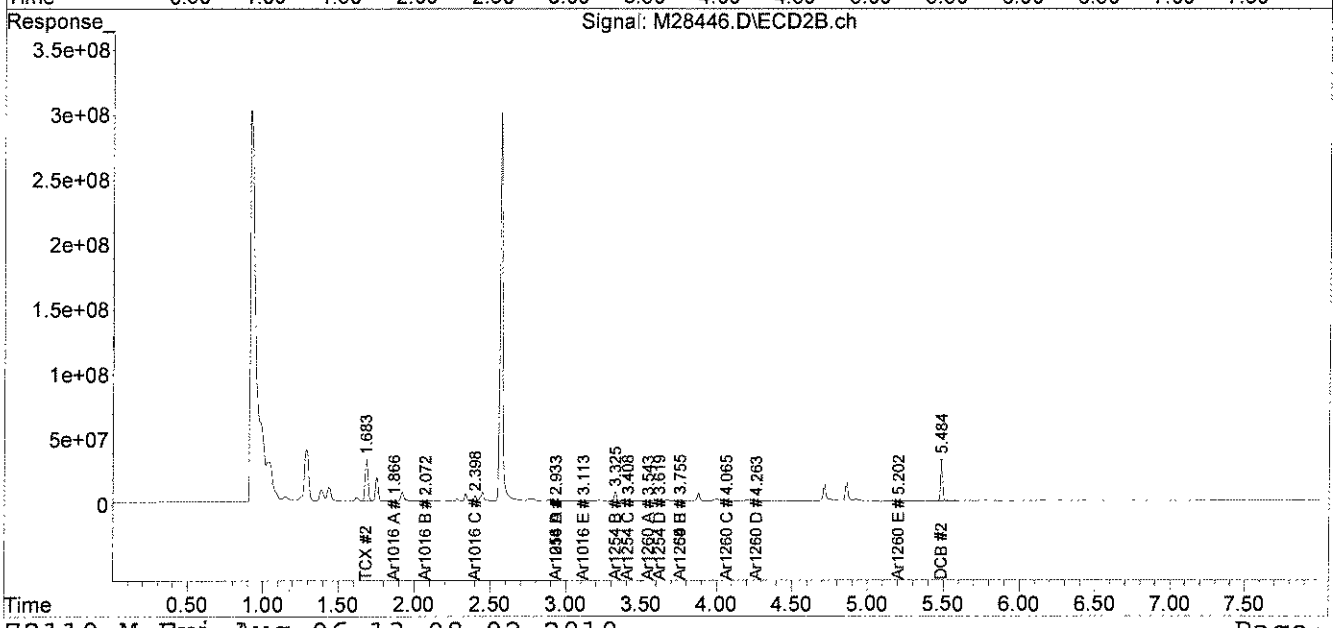
Data Path : C:\msdchem\1\DATA\080510-M\
Data File : M28446.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 5 Aug 2010 5:24 pm
Operator : JK
Sample : 67435-2,,A/C
Misc : SOIL
ALS Vial : 13 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 06 13:08:02 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

JR 08-06-10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





3960

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 6, 2010

SAMPLE DATA

Lab Sample ID:	67435-3
Matrix:	Solid
Percent Solid:	96
Dilution Factor:	1.0
Collection Date:	08/03/10
Lab Receipt Date:	08/04/10
Extraction Date:	08/04/10
Analysis Date:	08/05/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-249

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	90	%
Decachlorobiphenyl	81	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

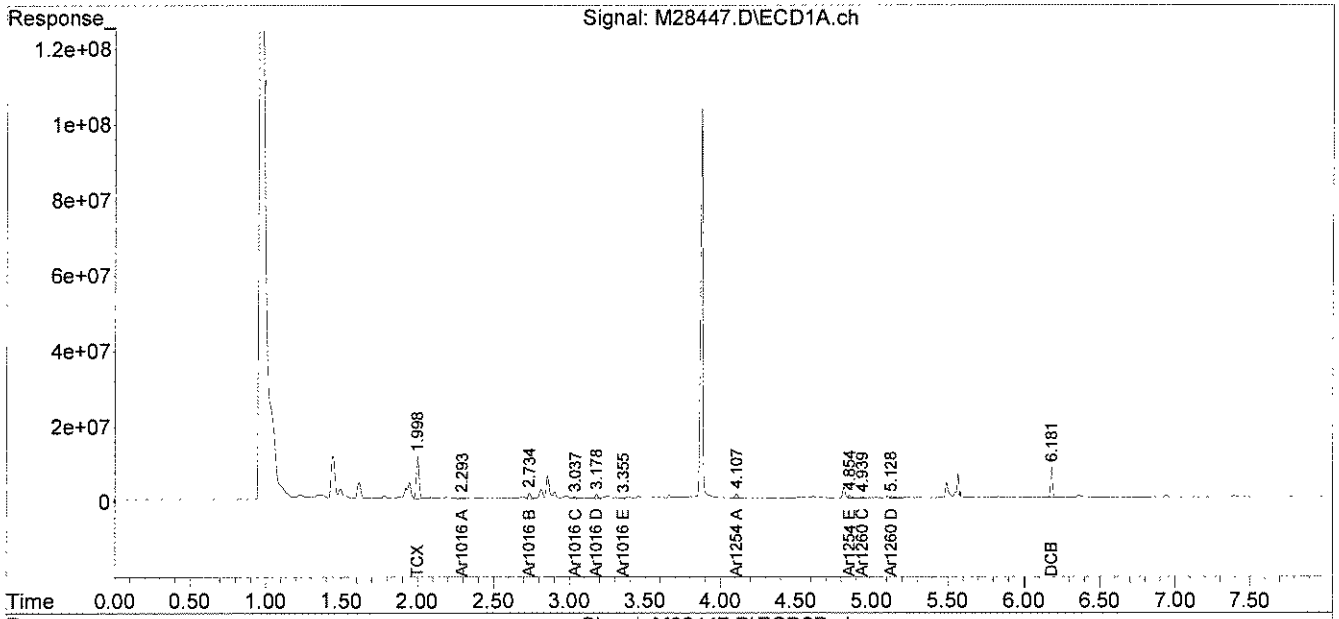
Authorized signature

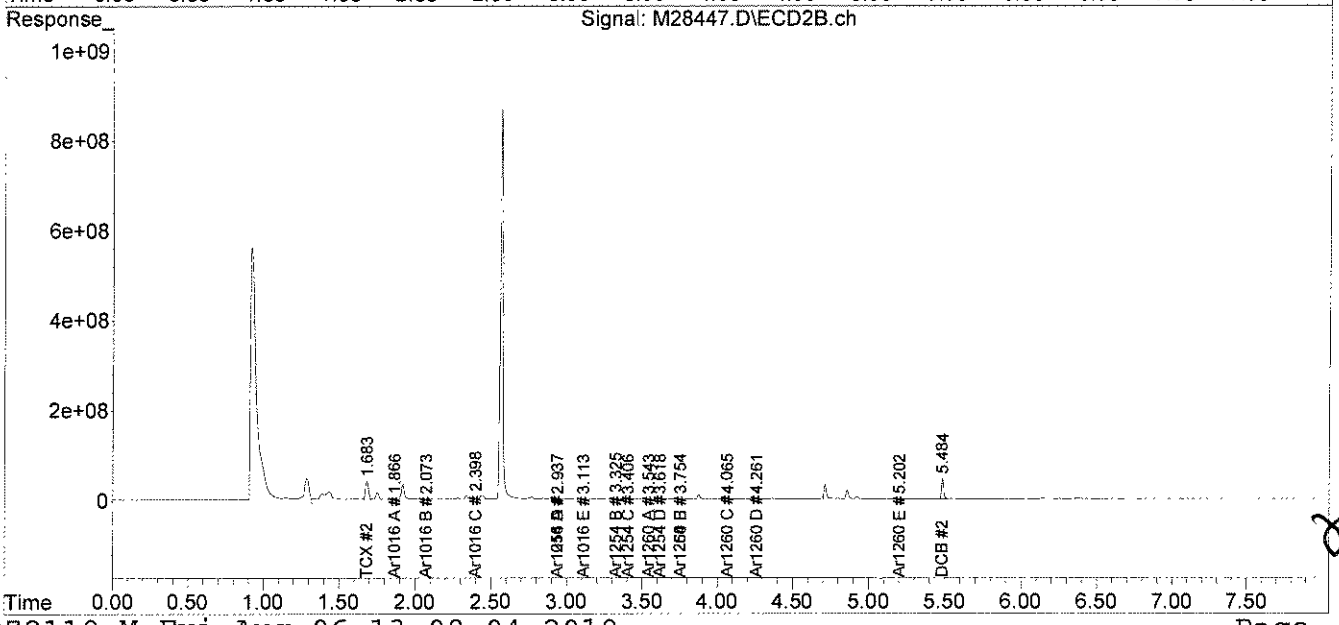
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\080510-M\
Data File : M28447.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 5 Aug 2010 5:34 pm
Operator : JK
Sample : 67435-3,,A/C
Misc : SOIL
ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 06 13:08:04 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 6, 2010

SAMPLE DATA

Lab Sample ID:	67435-4
Matrix:	Solid
Percent Solid:	95
Dilution Factor:	1.0
Collection Date:	08/03/10
Lab Receipt Date:	08/04/10
Extraction Date:	08/04/10
Analysis Date:	08/05/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-250

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	91	%
Decachlorobiphenyl	77	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

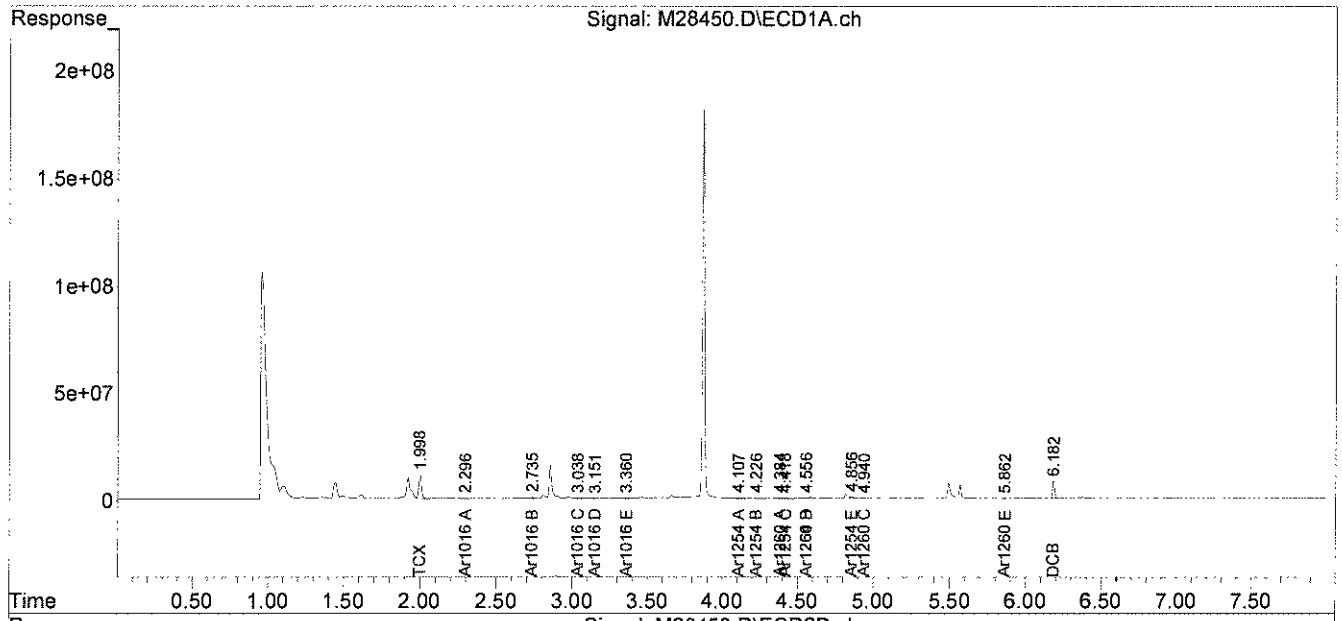
Quantitation Report (Not Reviewed)

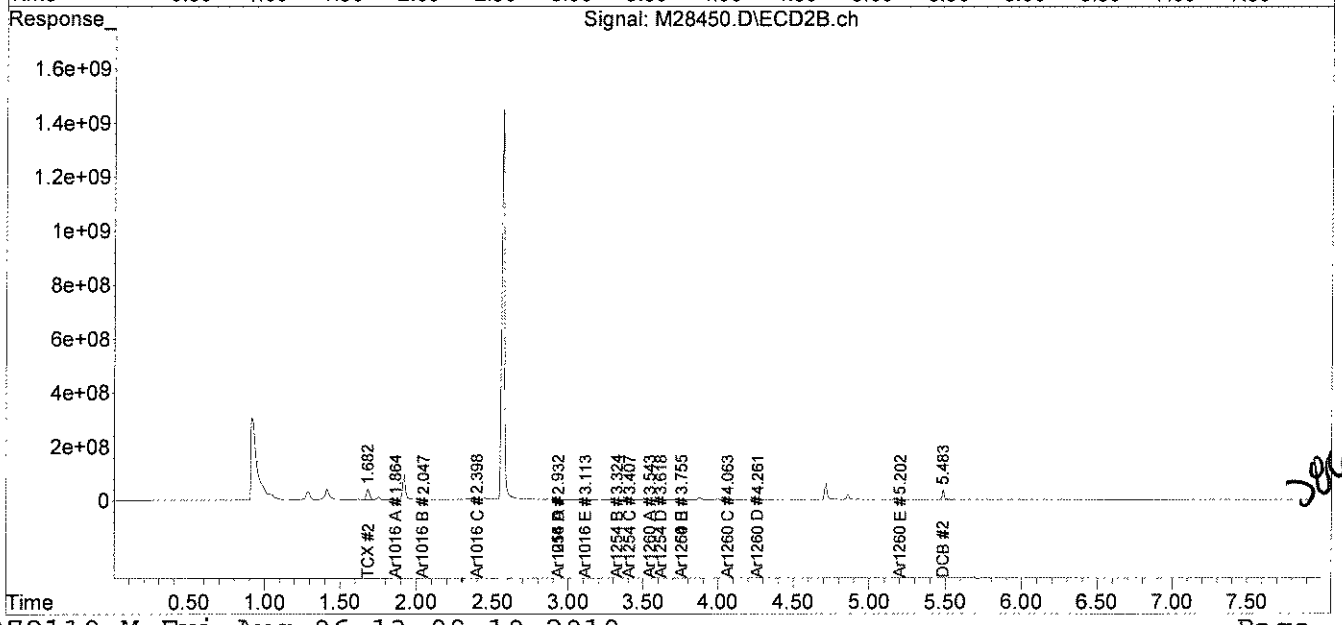
Data Path : C:\msdchem\1\DATA\080510-M\
Data File : M28450.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 5 Aug 2010 6:05 pm
Operator : JK
Sample : 67435-4,,A/C
Misc : SOIL
ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 06 13:08:10 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um

JL 080617





analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 6, 2010

SAMPLE DATA

Lab Sample ID:	67435-5
Matrix:	Solid
Percent Solid:	94
Dilution Factor:	1.0
Collection Date:	08/03/10
Lab Receipt Date:	08/04/10
Extraction Date:	08/04/10
Analysis Date:	08/05/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-251

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	**126**
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	94	%
Decachlorobiphenyl	80	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67435
Sample: 67435-5,,A/C
Data File: M28451.D
Dilution Factor: 1.0

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	118	126	6.1	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

PCB FORM 10

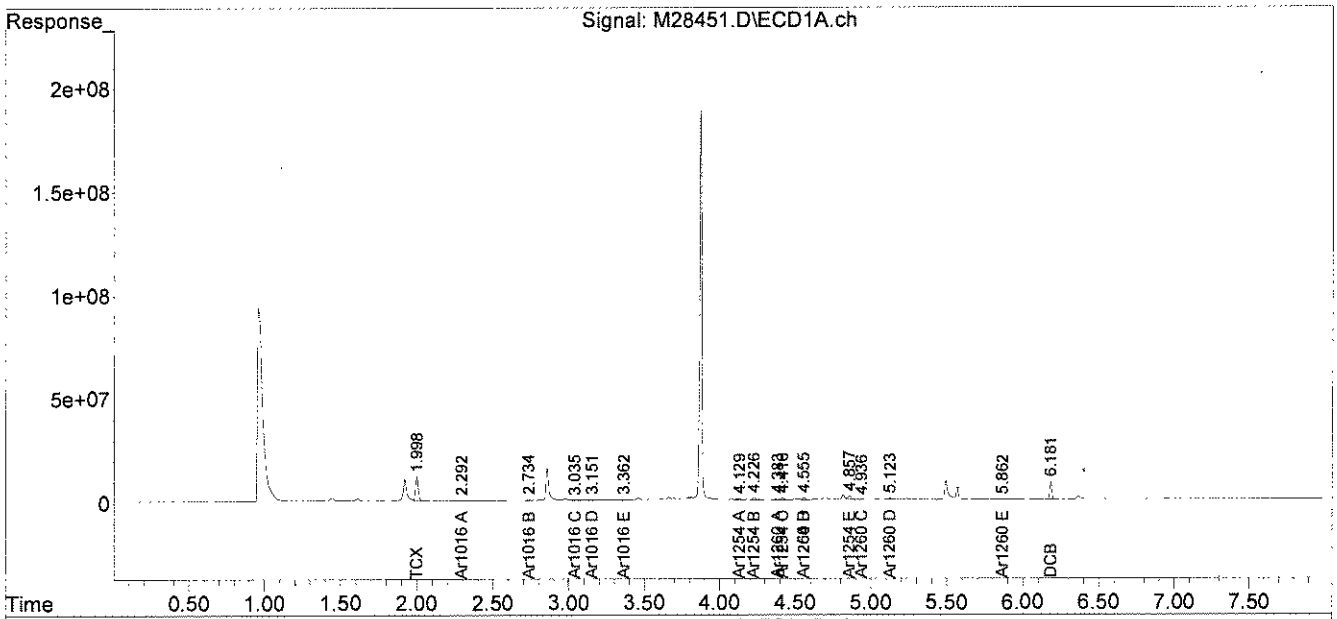
Quantitation Report (Not Reviewed)

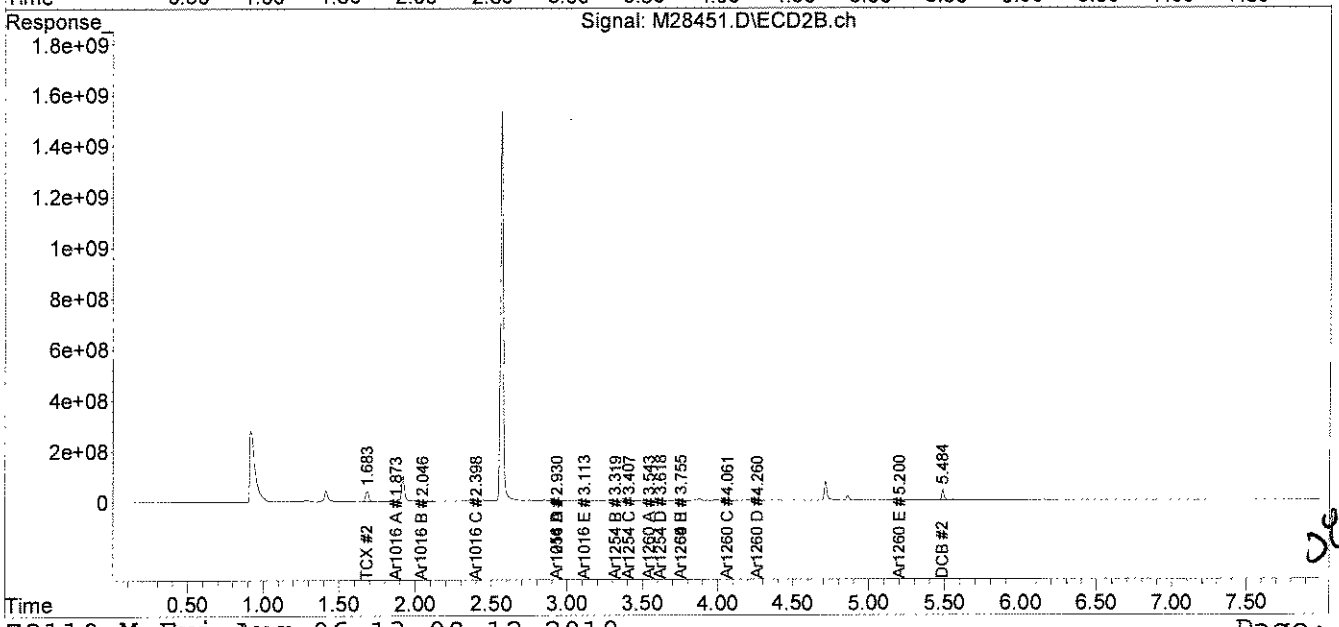
Data Path : C:\msdchem\1\DATA\080510-M\
Data File : M28451.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 5 Aug 2010 6:15 pm
Operator : JK
Sample : 67435-5,,A/C
Misc : SOIL
ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 06 13:08:12 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um

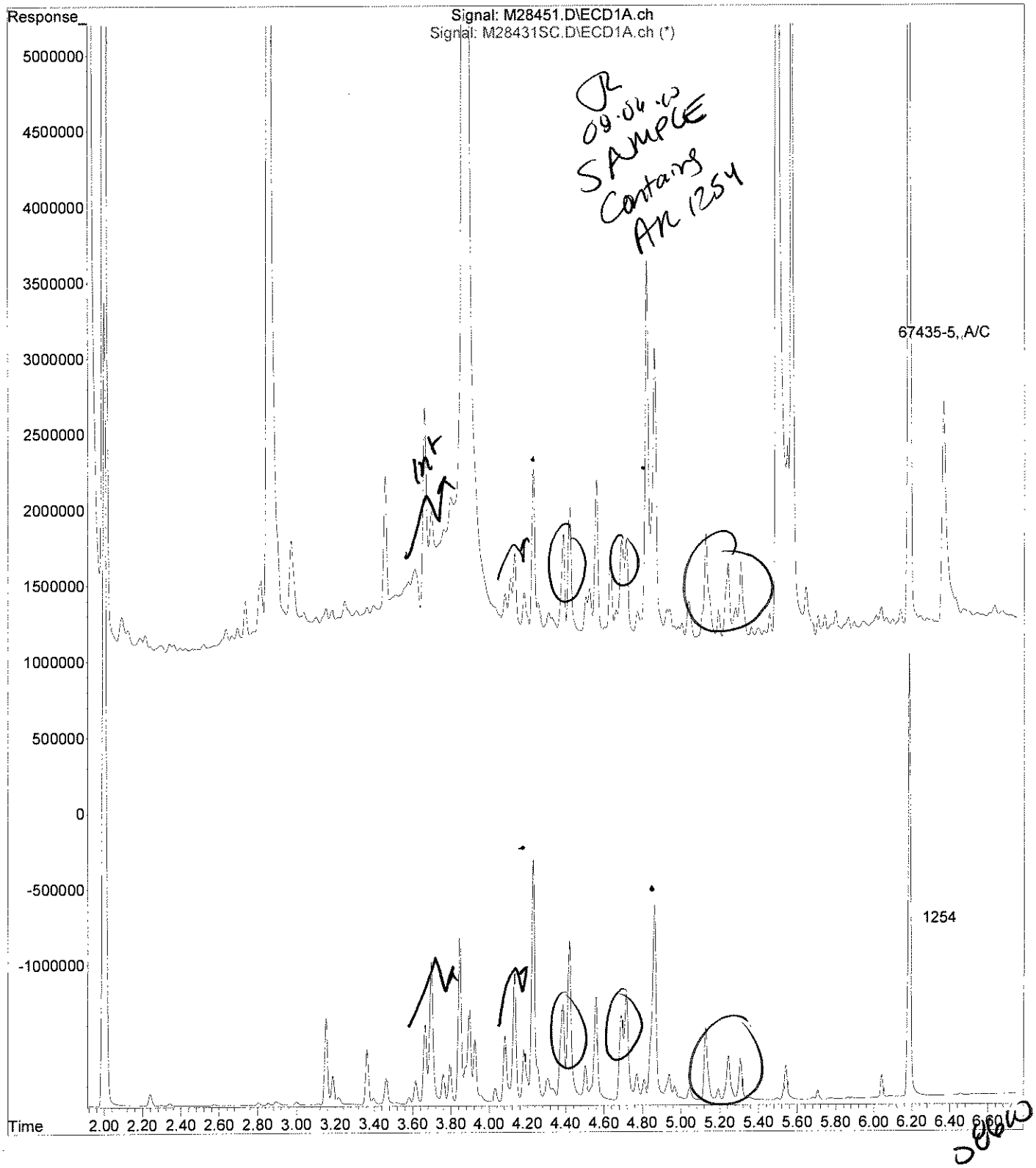
JL 08.06.10





JL 8/6/10

File :C:\msdchem\1\DATA\080510-M\M28451.D
Operator : JK
Acquired : 5 Aug 2010 6:15 pm using AcqMethod PEST.M
Instrument : Instrument M
Sample Name: 67435-5,,A/C
Misc Info : SOIL
Vial Number: 18



analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 6, 2010

SAMPLE DATA

Lab Sample ID:	67435-6
Matrix:	Solid
Percent Solid:	95
Dilution Factor:	1.0
Collection Date:	08/03/10
Lab Receipt Date:	08/04/10
Extraction Date:	08/04/10
Analysis Date:	08/05/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-252

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	**107**
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	86	%
Decachlorobiphenyl	78	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67435
Sample: 67435-6,,A/C
Data File: M28452.D
Dilution Factor: 1.0

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	107	106	1.0	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

PCB FORM 10

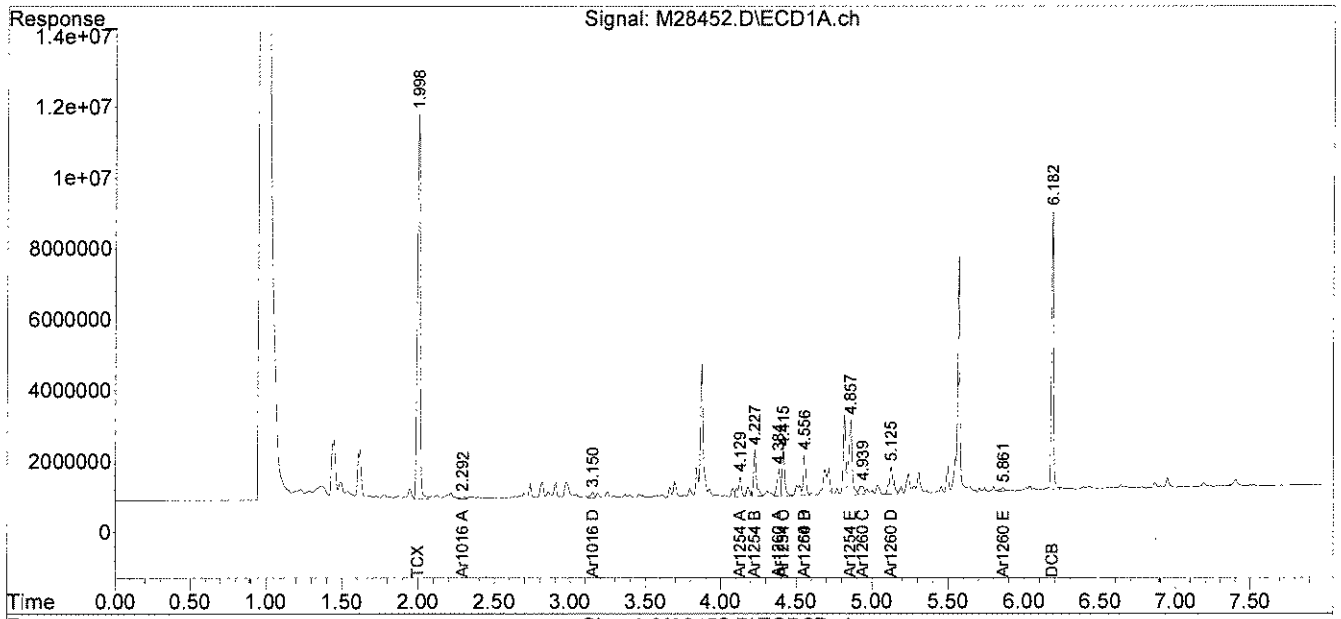
Quantitation Report (Not Reviewed)

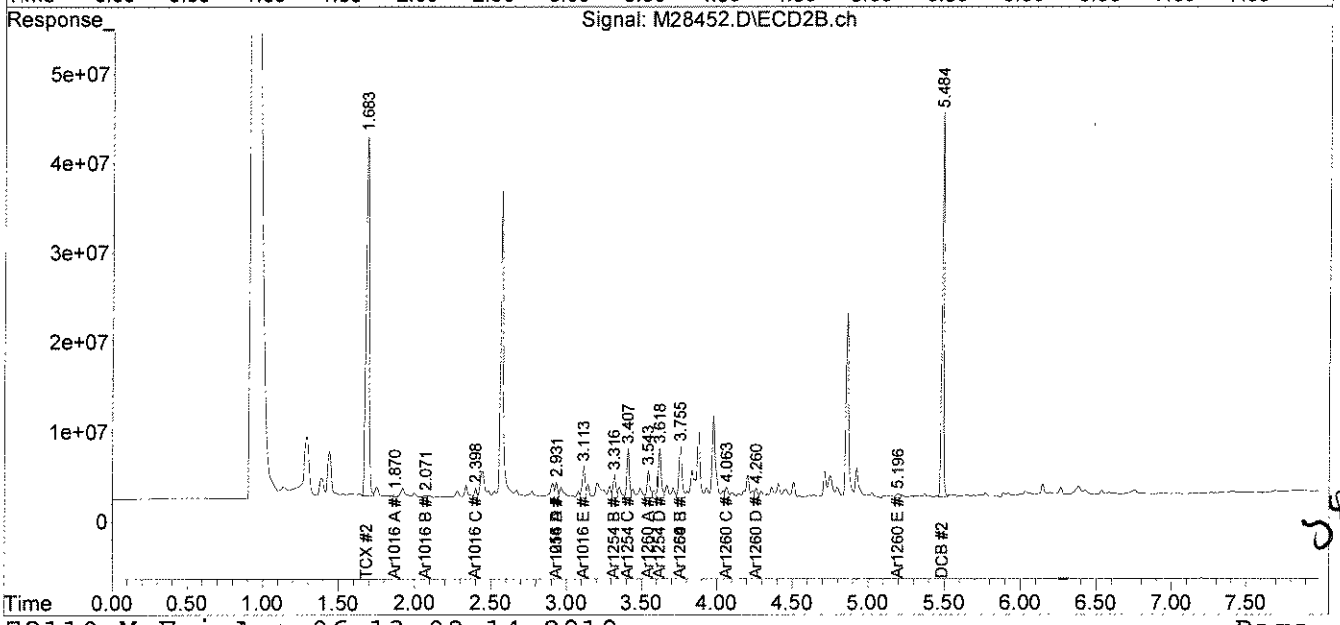
Data Path : C:\msdchem\1\DATA\080510-M\
Data File : M28452.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 5 Aug 2010 6:25 pm
Operator : JK
Sample : 67435-6,,A/C
Misc : SOIL
ALS Vial : 19 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 06 13:08:14 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

JL 08-06-10

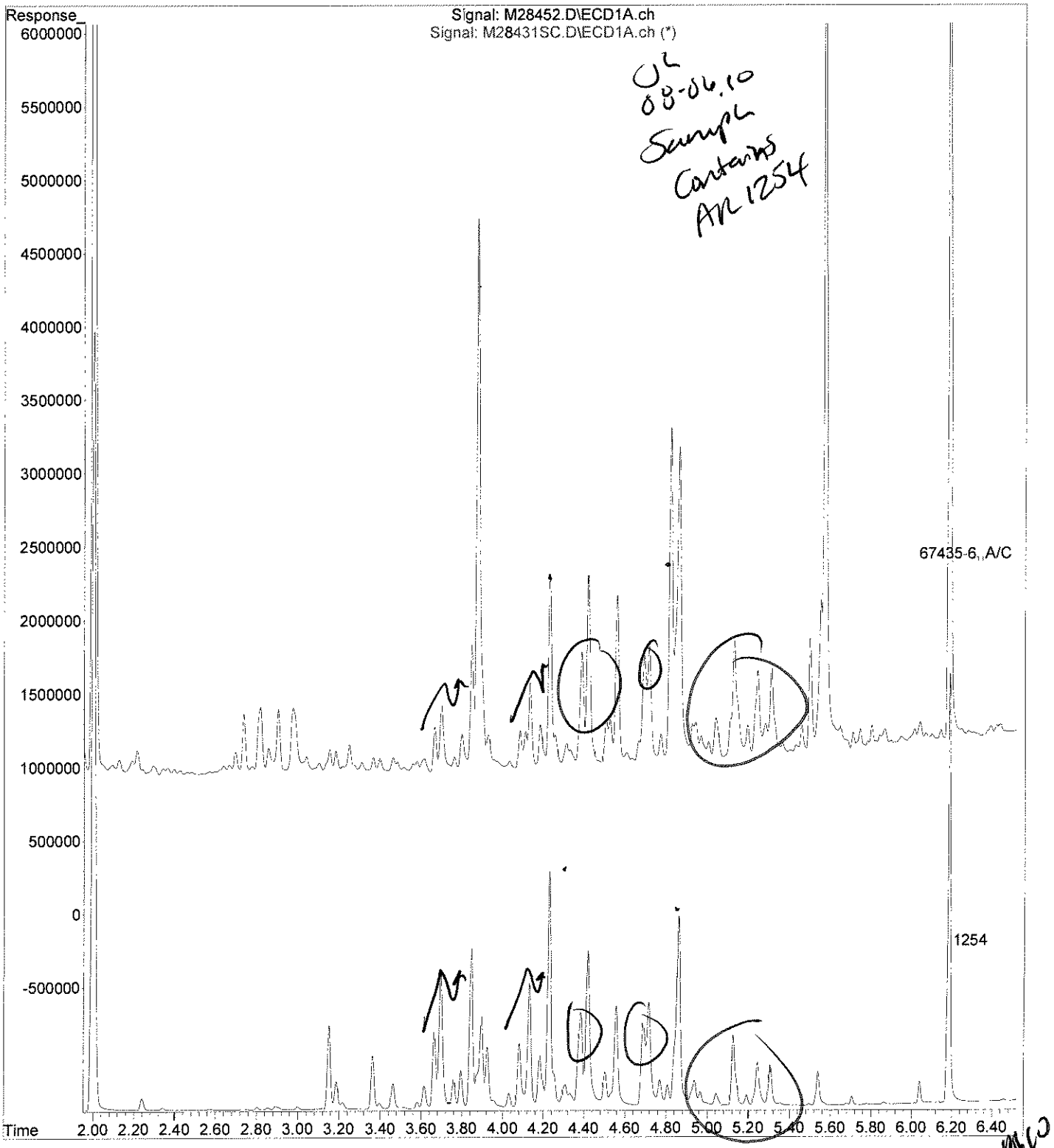
Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





28660

File :C:\msdchem\1\DATA\080510-M\M28452.D
Operator : JK
Acquired : 5 Aug 2010 6:25 pm using AcqMethod PEST.M
Instrument : Instrument M
Sample Name: 67435-6,,A/C
Misc Info : SOIL
Vial Number: 19



analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 6, 2010

SAMPLE DATA

Lab Sample ID:	67435-7
Matrix:	Solid
Percent Solid:	95
Dilution Factor:	1.0
Collection Date:	08/03/10
Lab Receipt Date:	08/04/10
Extraction Date:	08/04/10
Analysis Date:	08/05/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-253

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	99	%
Decachlorobiphenyl	80	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

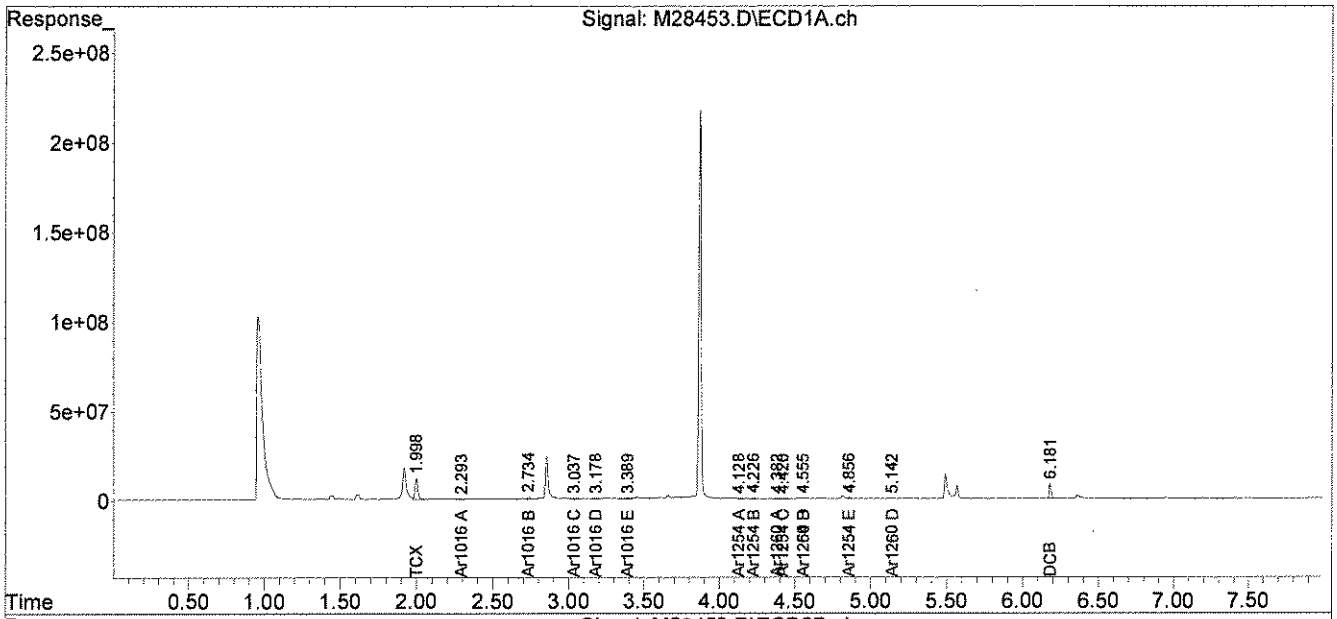
Quantitation Report (Not Reviewed)

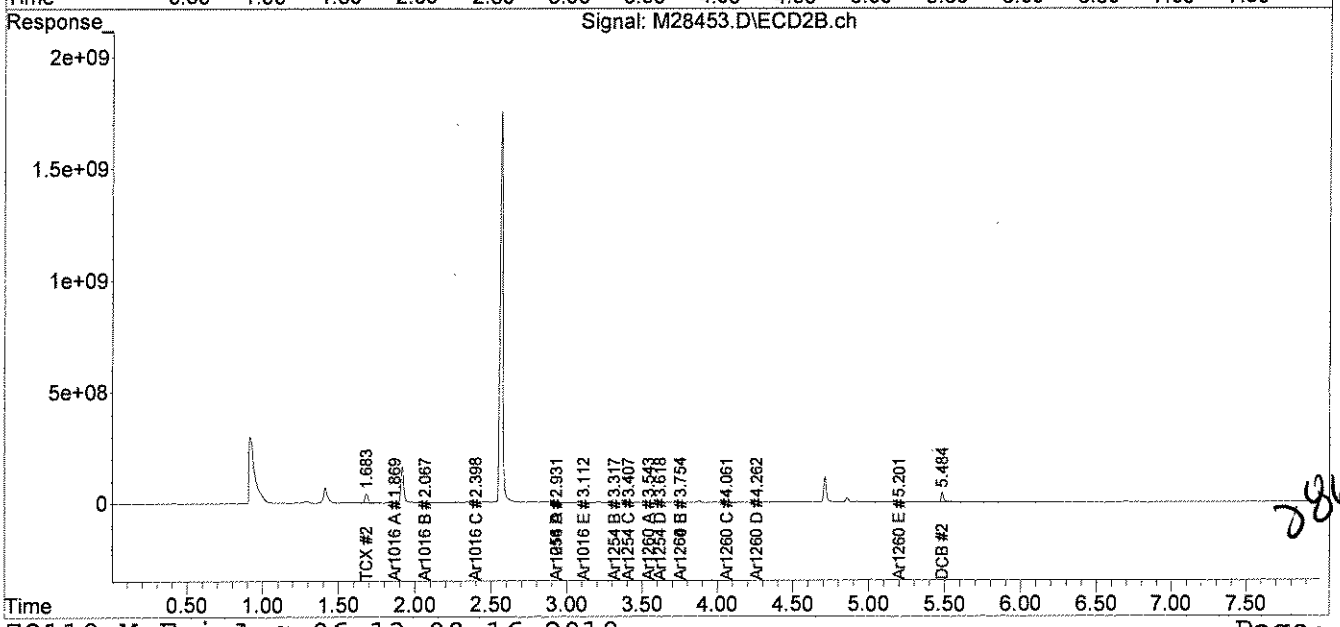
Data Path : C:\msdchem\1\DATA\080510-M\
Data File : M28453.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 5 Aug 2010 6:36 pm
Operator : JK
Sample : 67435-7,,A/C
Misc : SOIL
ALS Vial : 20 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 06 13:08:16 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

JL 03.04.L

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





2860

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 6, 2010

SAMPLE DATA

Lab Sample ID:	67435-8
Matrix:	Solid
Percent Solid:	95
Dilution Factor:	1.0
Collection Date:	08/03/10
Lab Receipt Date:	08/04/10
Extraction Date:	08/04/10
Analysis Date:	08/05/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-254

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	**93**
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	88	%
Decachlorobiphenyl	81	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67435
Sample: 67435-8,,A/C
Data File: M28454.D
Dilution Factor: 1.0

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	74	93	22.9	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

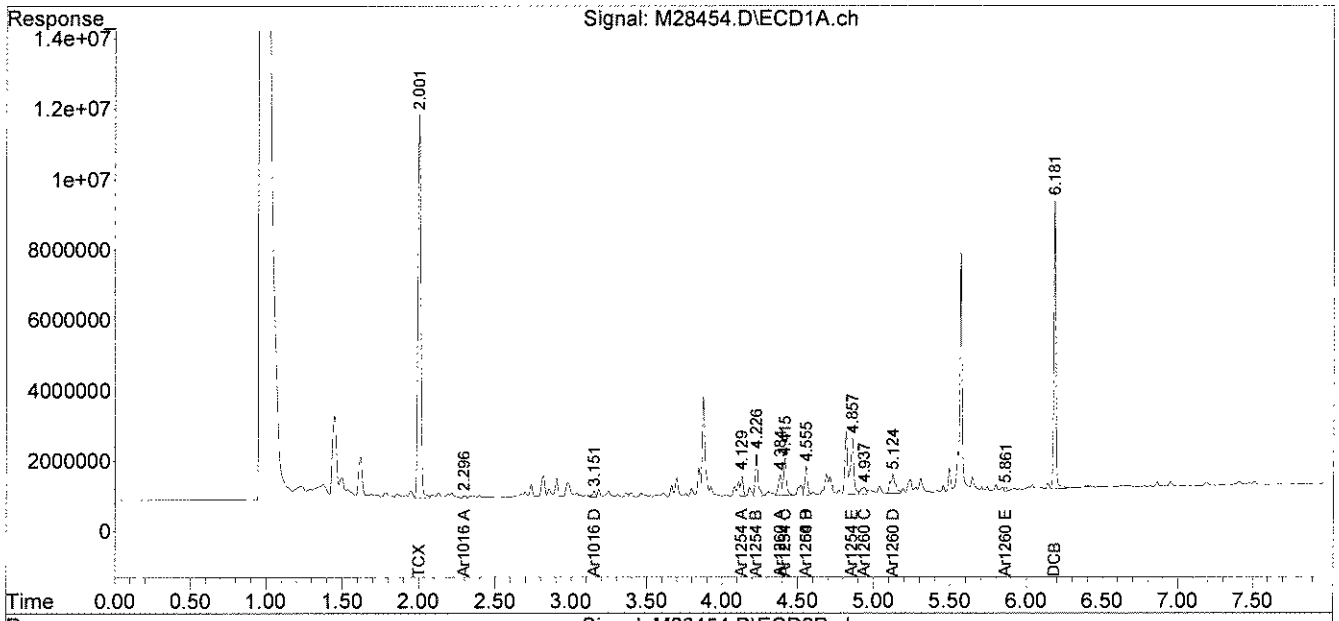
PCB FORM 10

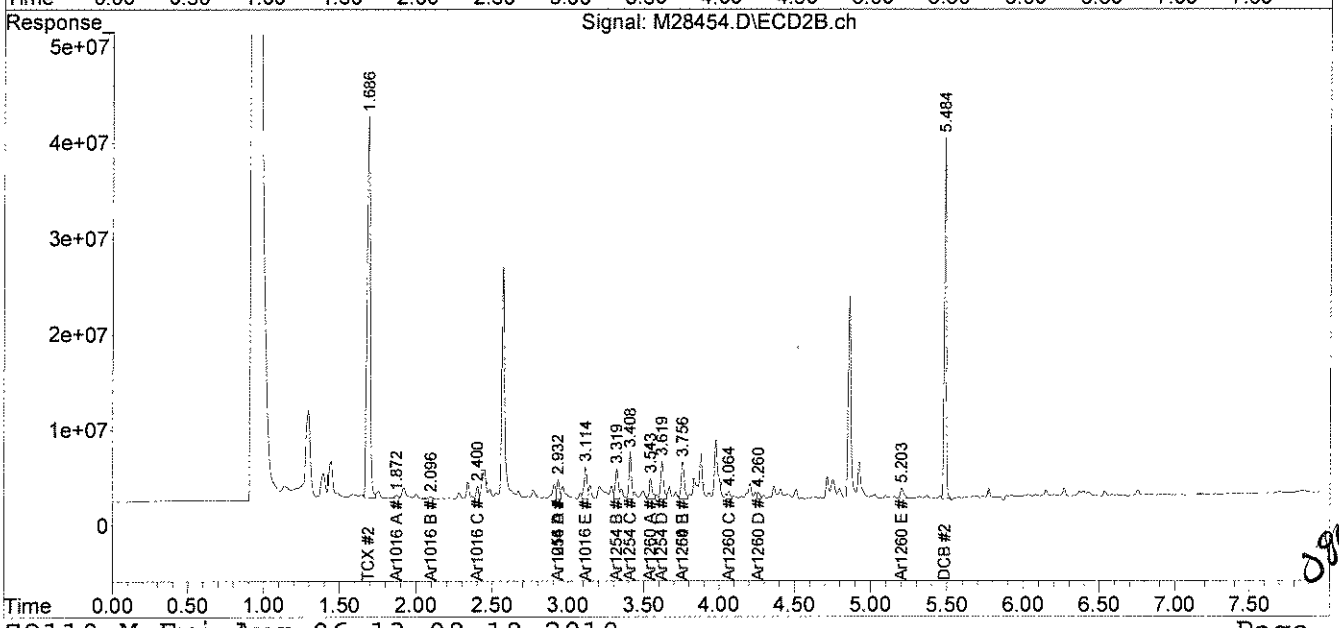
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\080510-M\
Data File : M28454.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 5 Aug 2010 6:46 pm
Operator : JK
Sample : 67435-8,,A/C
Misc : SOIL
ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 06 13:08:18 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 6, 2010

SAMPLE DATA

Lab Sample ID: 67435-9
Matrix: Solid
Percent Solid: 95
Dilution Factor: 1.0
Collection Date: 08/03/10
Lab Receipt Date: 08/04/10
Extraction Date: 08/04/10
Analysis Date: 08/05/10

CLIENT SAMPLE ID

Project Name: Amistad Academy
Project Number: 223019
Field Sample ID: AA-VSS-255

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	92	%
Decachlorobiphenyl	84	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB Report

Authorized signature

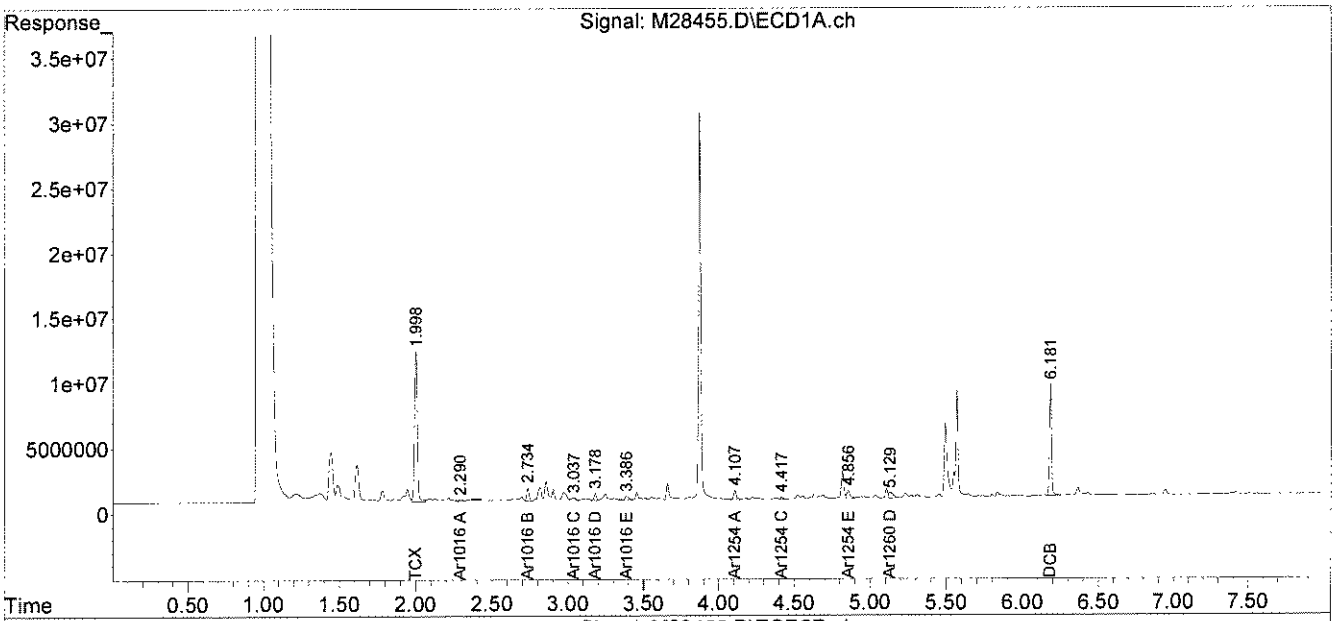
Quantitation Report (Not Reviewed)

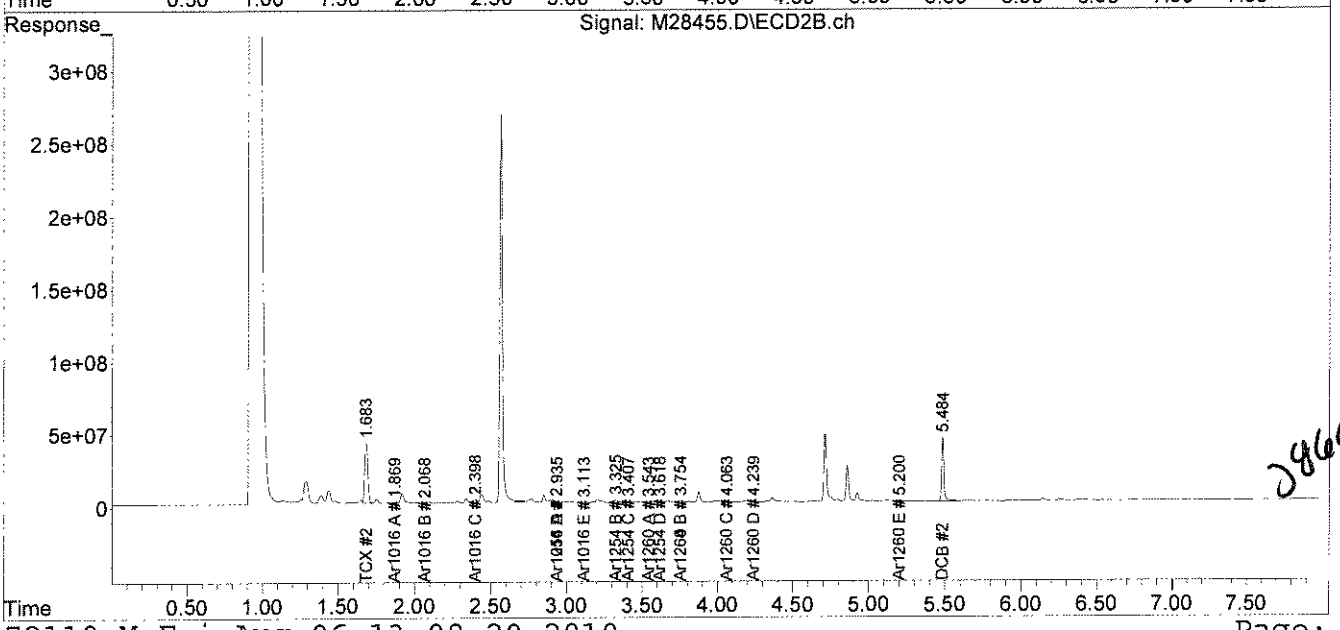
Data Path : C:\msdchem\1\DATA\080510-M\
Data File : M28455.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 5 Aug 2010 6:56 pm
Operator : JK
Sample : 67435-9,,A/C
Misc : SOIL
ALS Vial : 22 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 06 13:08:20 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

JL 08.06.10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





D8660

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 6, 2010

SAMPLE DATA

Lab Sample ID:	67435-10
Matrix:	Solid
Percent Solid:	95
Dilution Factor:	1.0
Collection Date:	08/03/10
Lab Receipt Date:	08/04/10
Extraction Date:	08/04/10
Analysis Date:	08/05/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-256

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	92	%
Decachlorobiphenyl	83	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis. Sample contains peaks that appear to be PCB congeners but do not match a PCB aroclor pattern.

PCB Report

Authorized signature

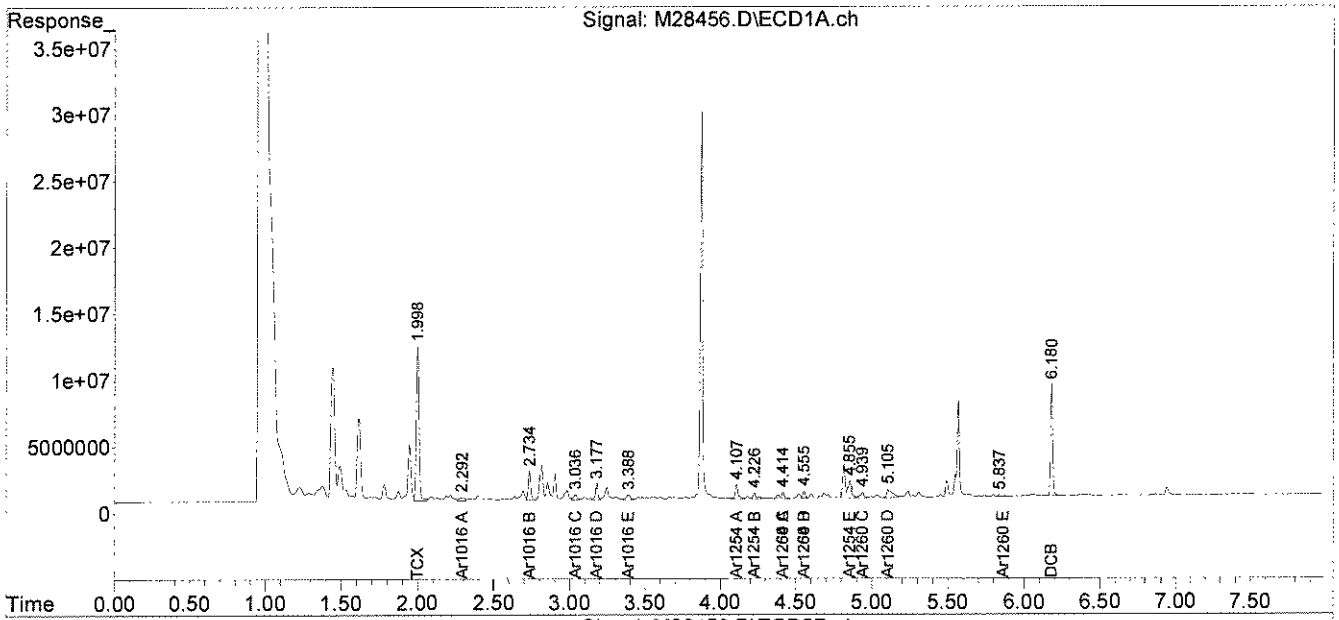
Quantitation Report (Not Reviewed)

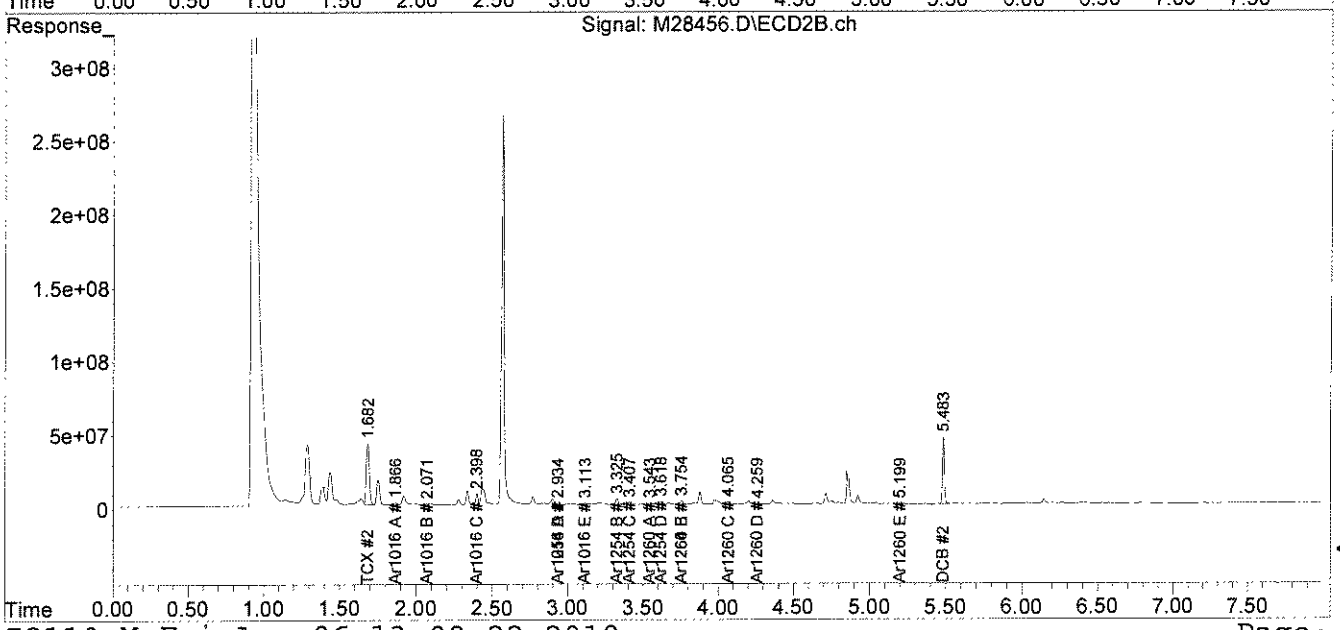
Data Path : C:\msdchem\1\DATA\080510-M\
Data File : M28456.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 5 Aug 2010 7:07 pm
Operator : JK
Sample : 67435-10,,A/C
Misc : SOIL
ALS Vial : 23 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 06 13:08:22 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

JR 08-04-10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





08.60

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 6, 2010

SAMPLE DATA

Lab Sample ID:	67435-11
Matrix:	Solid
Percent Solid:	94
Dilution Factor:	1.0
Collection Date:	08/03/10
Lab Receipt Date:	08/04/10
Extraction Date:	08/04/10
Analysis Date:	08/05/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-257

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	**94**
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	78	%
Decachlorobiphenyl	82	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67435
Sample: 67435-11,,A/C
Data File: M28457.D
Dilution Factor: 1.0

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	79	94	17.2	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

PCB FORM 10

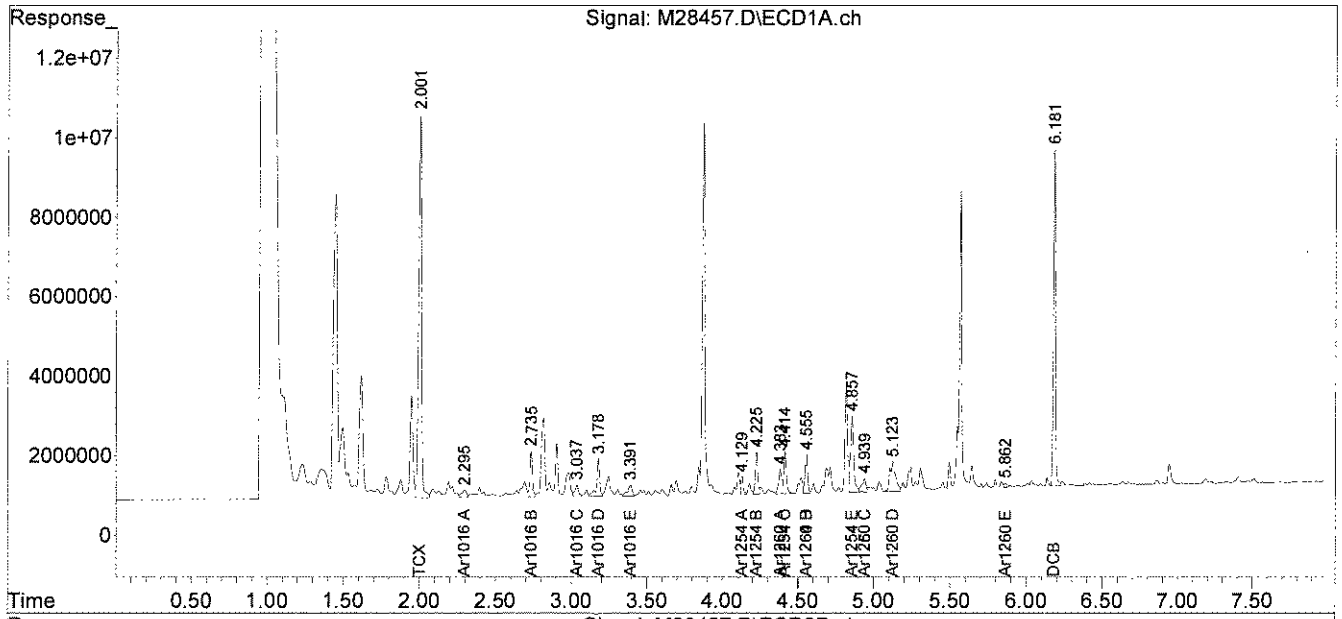
Quantitation Report (Not Reviewed)

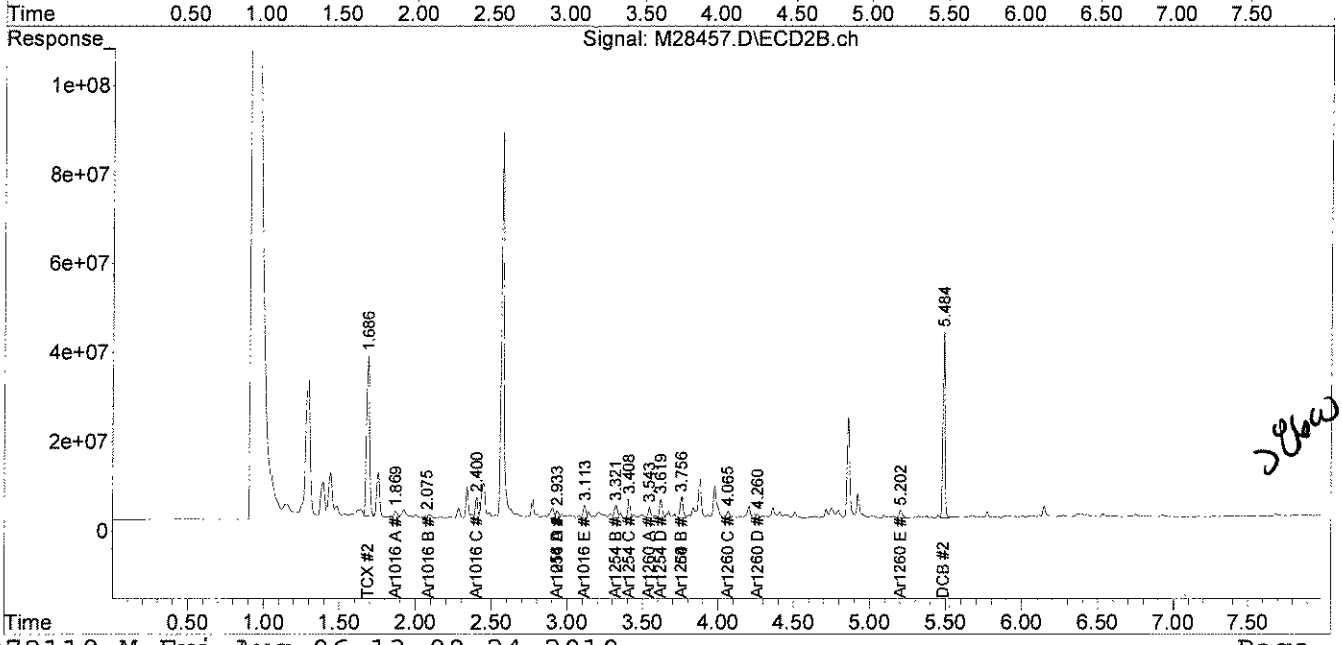
Data Path : C:\msdchem\1\DATA\080510-M\
Data File : M28457.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 5 Aug 2010 7:17 pm
Operator : JK
Sample : 67435-11,,A/C
Misc : SOIL
ALS Vial : 24 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 06 13:08:24 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

JL 08-Dec-10

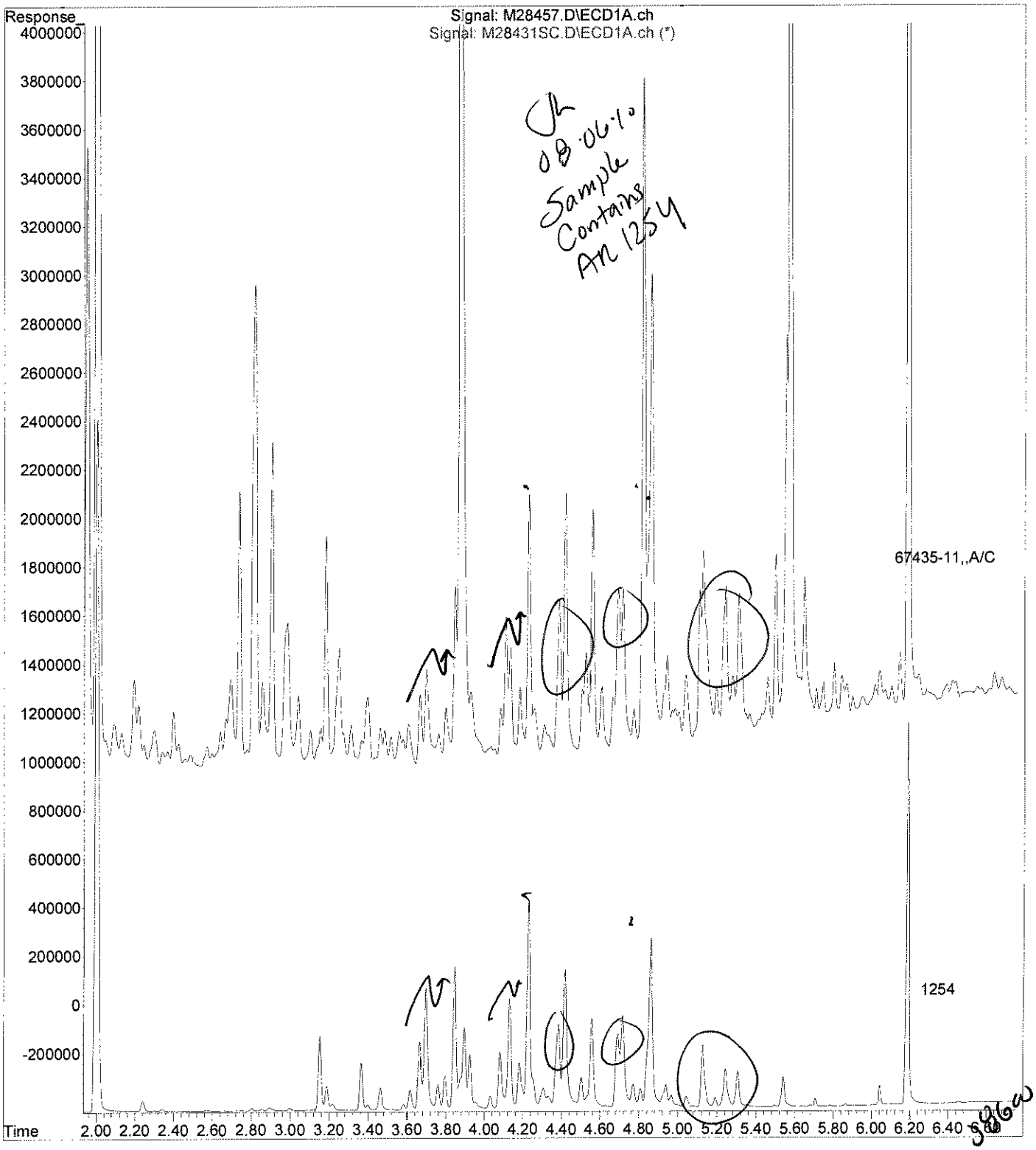
Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





JLow

File :C:\msdchem\1\DATA\080510-M\M28457.D
Operator : JK
Acquired : 5 Aug 2010 7:17 pm using AcqMethod PEST.M
Instrument : Instrument M
Sample Name: 67435-11,,A/C
Misc Info : SOIL
Vial Number: 24



PCB
QC FORMS

AnalyticsLLC:AEL Documents LLC:Pkg Dividers:PCBQC.doc

PCB SOIL
SYSTEM MONITORING COMPOUNDS
SUMMARY

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67435

	Column #1				Column #2			
SAMPLE ID	SMC 1 (%)	#	SMC 2 (%)	#	SMC 1 (%)	#	SMC 2 (%)	#
B080410PSOX,,A/C	79		70		84		67	
L080410PSOX,,A/C	77		71		82		67	
LD080410PSOX,,A/C	78		72		82		77	
67435-1,,A/C	87		78		90		93	
67435-2,,A/C	68		61		72		62	
67435-3,,A/C	90		81		92		87	
67435-3,MS,,A/C	92		82		95		84	
67435-3,MSD,,A/C	81		81		90		77	
67435-4,,A/C	91		77		90		79	
67435-5,,A/C	94		80		97		97	
67435-6,,A/C	86		78		94		79	
67435-7,,A/C	99		80		93		108	
67435-8,,A/C	88		81		96		70	
67435-9,,A/C	92		84		97		91	
67435-10,,A/C	92		83		96		82	
67435-11,,A/C	78		82		82		76	

		Lower Limit	Upper Limit
SMC #1 =	TCX	40	130
SMC #2 =	DCB	40	130

Column to be used to flag recovery values outside of QC limits
* Values outside QC limits
D System Monitoring Compound diluted out

PCB SOIL
LABORATORY CONTROL SAMPLE/DUPLICATE
PERCENT RECOVERY

Instrument ID: M

GC Column #1: STX-CLPesticides I

Column ID: 0.25 mm

GC Column #2: STX-CLPesticides II

Column ID: 0.25 mm

SDG: 67435

Non-spiked sample: B080410PSOX,,A/C

Spike: L080410PSOX,,A/C

Spike duplicate: LD080410PSOX,,A/C

COMPOUND	LCS SPIKE ADDED (ug/kg)	LCSD SPIKE ADDED (ug/kg)	LOWER LIMIT	UPPER LIMIT	RPD LIMIT	NON-SPIKE RESULT (ug/kg)	SPIKE RESULT (ug/kg)	SPIKE % REC	#	SPIKE DUP RESULT (ug/kg)	SPIKE DUP % REC	#	RPD	#
PCB 1016	200	200	65	140	30	0	154	77		181	90		16.3	
PCB 1260	200	200	60	130	30	0	179	90		188	94		4.9	
PCB 1016 #2	200	200	65	140	30	0	217	108		232	116		6.6	
PCB 1260 #2	200	200	60	130	30	0	200	100		201	101		0.8	

Column to be used to flag recovery and RPD values outside of QC limits

* Values outside QC limits

LCS/LCSD spike added values have been weight adjusted.

Non-spike result of "0" used in place of "U" to allow calculation of spike recovery.

Comments: _____

_____

PCB SOIL
MATRIX SPIKE/DUPLICATE
PERCENT RECOVERY

Instrument ID: M

GC Column #1: STX-CLPesticides I

Column ID: 0.25 mm

GC Column #2: STX-CLPesticides II

Column ID: 0.25 mm

SDG: 67435

Non-spiked sample: 67435-3,,A/C

Spike: 67435-3,MS,,A/C

Spike duplicate: 67435-3,MSD,,A/C

COMPOUND	LCS SPIKE ADDED (ug/kg)	LCSD SPIKE ADDED (ug/kg)	LOWER LIMIT	UPPER LIMIT	RPD LIMIT	NON-SPIKE RESULT (ug/kg)	SPIKE RESULT (ug/kg)	SPIKE % REC	#	SPIKE DUP RESULT (ug/kg)	SPIKE DUP % REC	#	RPD	#
PCB 1016	205	205	65	140	30	0	189	92		188	92		0.7	
PCB 1260	205	205	60	130	30	0	235	115		221	108		6.7	
PCB 1016 #2	205	205	65	140	30	0	236	116		222	108		6.4	
PCB 1260 #2	205	205	60	130	30	0	253	124		238	116		6.6	

Column to be used to flag recovery and RPD values outside of QC limits

* Values outside QC limits

LCS/LCSD spike added values have been weight adjusted.

Non-spike result of "0" used in place of "U" to allow calculation of spike recovery.

Comments: _____

_____

PCB FORM 3

CHAIN OF CUSTODIES

Chain Of Custody Form

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, NH 03801
Phone (603) 436-5111
Fax (603) 430-2151

For Analytics Use Only Rev. 5 06/18/08

Samples were:
1) Shipped or hand-delivered
2) Temp blank °C 5.8°
3) Received in good condition Y or N
4) pH checked by: NA
5) Labels checked by: JCB 8/4/10

Project#: 223019 Proj. Name: AMISTAD ACADEMY
Company: Woodard & Curran
Contact: GEORGE FRANKLIN / JEFF HAMEL
Address: 35 New England Business Center Suite 180
Andover, MA 01810
Phone: (978)557-8150 PO# Quote #
Sampler (Signature): JESSE ABBY R

Matrix Key:
C = Concrete
WP = Wipe
WW = Wastewater
SW = Surface Water
GW = Groundwater
DW = Drinking Water
S = Soil/Sludge
O = Oil
E = Extract

Container Key
P=plastic G=glass

Preservation

Station Identification	Sample Date	Sample Time	Analysis	Unpres	4° C	HNO_3	H_2SO_4	HCL	Methanol	Other	Matrix	Container number/type		pH	Analytics Sample #
AA-VSS-247	8/3/10	0625	PCB's by U.S.		✓						S	1	G		67435-1
AA-VSS-248		0630	E.P.A. 8082 w/		✓						S	1	G		-2
AA-VSS-249		0635	Soxhlet		✓						S	1	G		-3
AA-VSS-250		0640	Extraction		✓						S	1	G		-4
AA-VSS-251		0645			✓						S	1	G		-5
AA-VSS-252		0650			✓						S	1	G		-6
AA-VSS-253		0655			✓						S	1	G		-7
AA-VSS-254		0710			✓						S	1	G		-8
AA-VSS-255		0715			✓						S	1	G		-9
AA-VSS-256		1220			✓						S	1	G		-10
AA-VSS-257		1225			✓						S	1	G		-11

Email Results to:
gfranklin@...
jhamel@...

Comments / Instructions:

R.L. ≤ 1.0 mg/kg.

Turnaround Time (TAT)
- [ ] 24hr*
- [x] 48hr*
- [ ] 72hr*
- [ ] 5 Days*
- [ ] 10 Days

*Fee may apply; lab approval required

Project Requirements:
*Fee may apply

Report Type:
- [ ] MCP*
- [x] Level II*
- [ ] CTRCP*
- [ ] Level III*
- [ ] DOD*
- [ ] Level IV*
- [ ] Standard

State:
- [ ] NH
- [ ] MA
- [ ] ME
- [x] CT
- [ ] RI

Other:

State Standard:
(eg. S-1 or GW-1)

EDD Required: Y* N
Type: .xls

Received By: [signature] 8/4/10 Time: 0930 Date: 8/3/10
Received By: Fed Ex Time: Date: 8/4
Received By: [signature] Time: 9:30 Date: 8/4/10
Relinquished By Sampler: JESSE ABBY R
Relinquished By:
Relinquished By: FEDEX

Analytics\AEL Documents\AEL COC

Page 1 of ___

ANALYTICS SAMPLE RECEIPT CHECKLIST

analytics environmental laboratory LLC

AEL LAB#: 67435

CLIENT: WOODARD & CURRAN

PROJECT: AMISTAD ACADEMY

COOLER NUMBER: N/A

NUMBER OF COOLERS: 1 Z @ 8/4/10

DATE RECEIVED: 8/4/10

A: PRELIMINARY EXAMINATION:

DATE COOLER OPENED: 8/4/10

1. Cooler received by(initials): A

Date Received: 8/4/10

2. Circle one: Hand delivered (If so, skip 3) (Shipped)

3. Did cooler come with a shipping slip? (Y) N

3a. Enter carrier name and airbill number here: FEDEX 7989 1041 0896

4. Were custody seals on the outside of cooler? Y (N)
How many & where: N/A Seal Date: N/A Seal Name: N/A

5. Did the custody seals arrive unbroken and intact upon arrival? Y (N/A)

6. COC#: N/A

7. Were Custody papers filled out properly (ink,signed, etc)? Y (N) No time listed for when sampler relinquished samples

8. Were custody papers sealed in a plastic bag? (Y) N

9. Did you sign the COC in the appropriate place? (Y) N

10. Was the project identifiable from the COC papers? (Y) N

11. Was enough ice used to chill the cooler? (Y) N Temp. of cooler: 5.8°C

B. Log-In: Date samples were logged in: 8/4/10 By: A

12. Type of packing in cooler (bubble wrap, popcorn) (Y) N

13. Were all bottles sealed in separate plastic bags? (Y) N

14. Did all bottles arrive unbroken and were labels in good condition? (Y) N

15. Were all bottle labels complete(ID,Date,time,etc.) (Y) N

16. Did all bottle labels agree with custody papers? (Y) N

17. Were the correct containers used for the tests indicated: (Y) N

18. Were samples received at the correct pH? Y (NA)

19. Was sufficient amount of sample sent for the tests indicated? (Y) N

20. Were bubbles absent in VOA samples? Y (NA)

If NO, List Sample ID's and Lab #s: _____

21. Laboratory labeling verified by (initials): JBB Date: 8/4/10

From: Origin ID: BNHA (203) 271-0379
Jesse Ream
WOODARD & CURRAN INC
1520 HIGHLAND AVENUE

CHESHIRE, CT 06410

FedEx Express

J18201805250225

Ship Date: 03AUG10
ActWgt: 30.0 LB
CAD: 2185050/INET3060

Delivery Address Bar Code

Ref # 223019.00
Invoice #
PO #
Dept #

SHIP TO: (603) 436-5111 BILL SENDER

Analytics Enviro Labs, LLC
Analytics Enviro Labs, LLC
195 COMMERCE WAY UNIT E

PORTSMOUTH, NH 03801

TRK# 0201 7989 1041 0896

WED - 04 AUG A2
PRIORITY OVERNIGHT

03801
NH-US
MHT

03 IGGA

RT 328 1 C
FZ 0896
08.04

588G3/BEA8/9A24

After printing this label:
1. Use the 'Print' button on this page to print your label to your laser or inkjet printer.
2. Fold the printed page along the horizontal line.
3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

Warning: Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com.FedEx will not be responsible for any claim in excess of $100 per package, whether the result of loss, damage, delay, non-delivery,misdelivery,or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim.Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic valueof the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental,consequential, or special is limited to the greater of $100 or the authorized declared value. Recovery cannot exceed actual documented loss.Maximum for items of extraordinary value is $500, e.g. jewelry, precious metals, negotiable instruments and other items listed in our ServiceGuide. Written claims must be filed within strict time limits, see current FedEx Service Guide.

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

August 27, 2010

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

RE: Analytical Results Case Narrative
Analytics # 67442 Revision 1
AMISTAD ACADEMY

Dear Mr. Franklin;

Enclosed please find the analytical results for samples submitted for the above-mentioned project. The attached Cover Page lists the sample IDs, Lab tracking numbers and collection dates for the samples included in this deliverable.

Samples were analyzed Polychlorinated Biphenyls (PCBs) by EPA Method 8082.

Revision 1: This report has been revised to correct a typographical error on the station ID for sample 67442-2(AA-VSS-259). It has been corrected to AA-VSS-559.

Unless otherwise noted in the Non-conformance Summary listed below, all of the quality control (QC) criteria including initial calibration, calibration verification, surrogate recovery, holding time and method accuracy/precision for these analyses were within acceptable limits.

This Level II data package has been assembled in the following order:

Case Narrative/Non-Conformance Summary
Sample Log Sheet - Cover Page
PCB Form 1 Data Sheet for Samples and Blanks
Chromatograms
PCB Form 10 Confirmation Results
PCB Form 3 MS/MSD (LCS) Recoveries
Chain of Custody (COC) Forms

QC NON-CONFORMANCE SUMMARY

Sample Receipt:
No exceptions.

PCBs by EPA Method 8082:
No results were reported below the quantitation limit.

If you have any questions on these results, please do not hesitate to contact me.

Sincerely,
ANALYTICS Environmental Laboratory, LLC

Stephen L. Knollmeyer
Laboratory Director

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

Report Number: 67442

Revision: Rev.1

Re: Amistad Academy (Project No: 223019)

Enclosed are the results of the analyses on your sample(s). Samples were received on 05 August 2010 and analyzed for the tests listed. Samples were received in acceptable condition, with the exceptions noted below or on the chain of custody. These results pertain to samples as received by the laboratory and for the analytical tests requested on the chain of custody. The results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report. Please see individual reports for specific methodologies and references.

Lab Number	Sample Date	Station Location	Analysis	Comments
67442-1	08/04/10	AA-VSS-258	EPA 8082 (PCBs only)	
67442-2	08/04/10	AA-VSS-559	EPA 8082 (PCBs only)	
67442-3	08/04/10	AA-VSS-Q-260	EPA 8082 (PCBs only)	
67442-4	08/04/10	AA-VSS-261	EPA 8082 (PCBs only)	
67442-5	08/04/10	AA-VSS-262	EPA 8082 (PCBs only)	
67442-6	08/04/10	AA-VSS-263	EPA 8082 (PCBs only)	
67442-7	08/04/10	AA-VSS-264	Electronic Data Deliverable	
	08/04/10	AA-VSS-264	EPA 8082 (PCBs only)	

Sample Receipt Exceptions: None

Analytics Environmental Laboratory is certified by the states of New Hampshire, Maine, Massachusetts, Connecticut, Rhode Island, Virginia, Maryland, and is accredited by the Deparment of Defense (DOD) ELAP program. A list of actual certified parameters is available upon request.

If you have any questions on these results, please do not hesitate to contact us.

Authorized signature _____
Stephen L. Knollmeyer Lab. Director

Date 08/27/2010

This report shall not be reproduced, except in full, without the written consent of Analytics Environmental Laboratory, LLC.

analytics environmental laboratory LLC

Surrogate Compound Limits

Matrix:	Aqueous	Solid	
Units:	% Recovery	% Recovery	Method
Volatile Organic Compounds - Drinking Water			
1,4-Difluorobenzene	70-130		EPA 524.2
Bromofluorobenzene	70-130		
1,2-Dichlorobenzene-d4	70-130		
Volatile Organic Compounds			
1,2-Dichloroethane-d4	70-120	70-120	EPA 624/8260B
Toluene-d8	85-120	85-120	
Bromofluorobenzene	75-120	75-120	
Semi-Volatile Organic Compounds			
2-Fluorophenol	20-110	35-105	EPA 625/8270C
d5-Phenol	15-110	40-100	
d5-nitrobenzene	40-110	35-100	
2-Fluorobiphenyl	50-110	45-105	
2,4,6-Tribromophenol	40-110	40-125	
d14-p-terphenyl	50-130	30-125	
PAH's by SIM			
d5-nitrobenzene	21-110	35-110	EPA 8270C
2-Fluorobiphenyl	36-121	45-105	
d14-p-terphenyl	33-141	30-125	
Pesticides and PCBs			
2,4,5,6-Tetrachloro-m-xylene (TCX)	46-122	40-130	EPA 608/8082
Decachlorobiphenyl (DCB)	40-135	40-130	
Herbicides			
Dichloroacetic acid (DCAA)	30-150	30-150	
Gasoline Range Organics/TPH Gasoline			
Trifluorotoluene TFT (FID)	60-140	60-140	MEDEP 4217/EPA 8015
Bromofluorobenzene (BFB) (FID)	60-140	60-140	
Trifluorotoluene TFT (PID)	60-140	60-140	
Bromofluorobenzene (BFB) (PID)	60-140	60-140	
Diesel Range Organics/TPH Diesel			
m-terphenyl	60-140	60-140	MEDEP 4125/EPA 8015/CT ETPH
Volatile Petroleum Hydrocarbons			
2,5-Dibromotoluene (PID)	70-130	70-130	MADEP VPH May 2004 Rev1.1
2,5-Dibromotoluene (FID)	70-130	70-130	
Extracatable Petroleum Hydrocarbons			
1-chloro-octadecane (aliphatic)	40-140	40-140	MADEP EPH May 2004 Rev1.1
o-Terphenyl (aromatic)	40-140	40-140	
2-Fluorobiphenyl (Fractionation)	40-140	40-140	
2-Bromonaphthalene (fractionation)	40-140	40-140	

PCB
DATA SUMMARIES

AnalyticsLLC:AEL Documents LLC:Pkg Dividers:PCB.doc

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 9, 2010

SAMPLE DATA

Lab Sample ID: B080510PSOX
Matrix: Soil
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date:
Lab Receipt Date:
Extraction Date: 08/05/10
Analysis Date: 08/06/10

CLIENT SAMPLE ID

Project Name: Amistad Academy
Project Number: 223019
Field Sample ID: Lab QC

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	89	%
Decachlorobiphenyl	76	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB Report

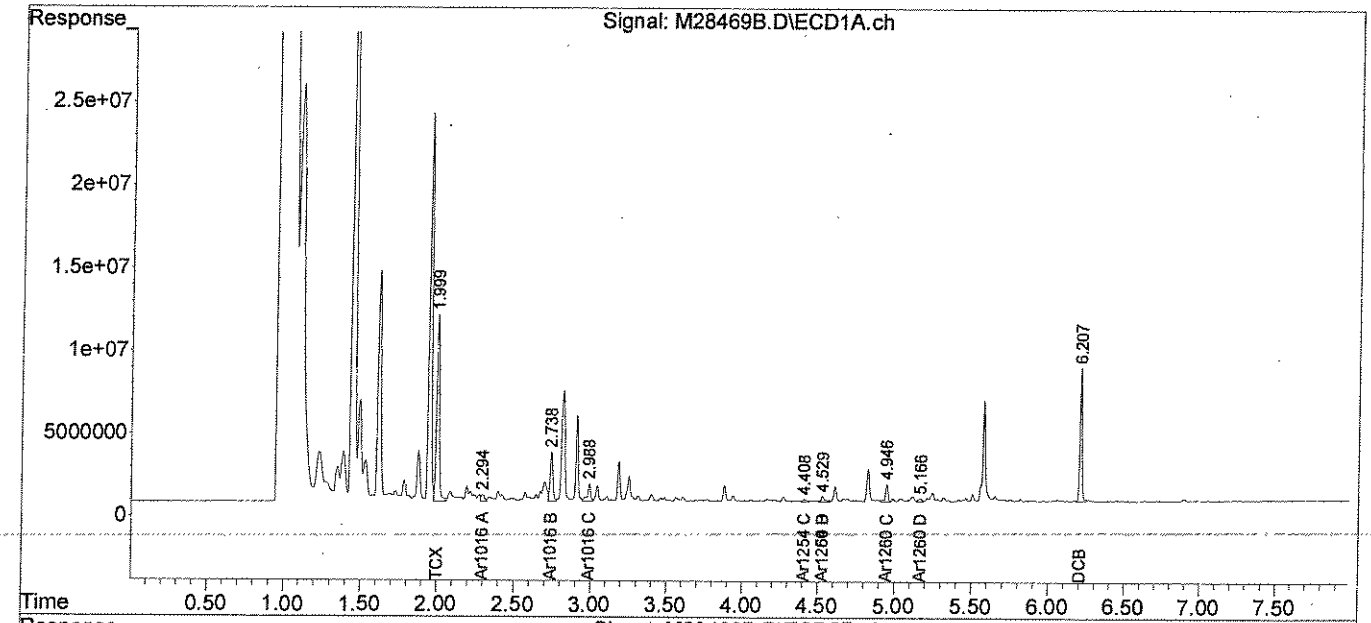
Authorized signature

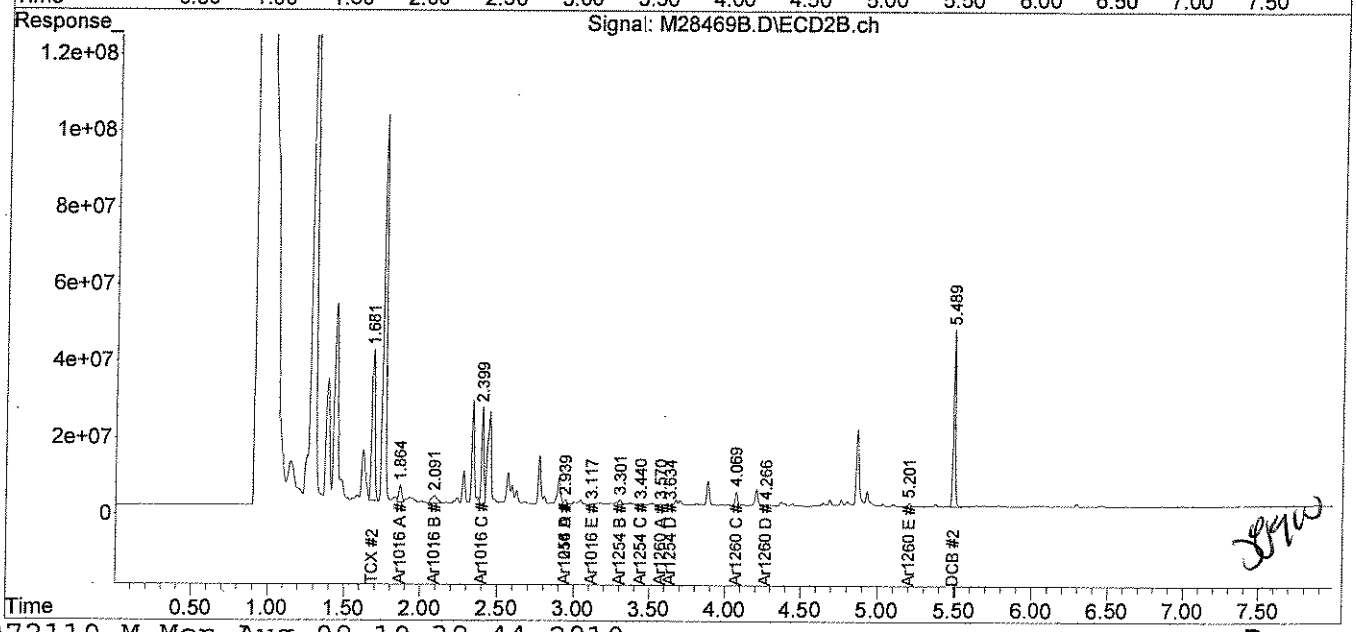
Data Path : C:\msdchem\1\DATA\080610-M\
Data File : M28469B.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 6 Aug 2010 3:28 pm
Operator : JK
Sample : B080510PSOX,,A/C
Misc : SOIL
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 09 10:39:44 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um

JK 08-06-2





PCB072110.M Mon Aug 09 10:39:44 2010 Page: 2

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 10, 2010

SAMPLE DATA

Lab Sample ID: B080910PW
Matrix: Aqueous
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date:
Lab Receipt Date:
Extraction Date: 08/09/10
Analysis Date: 08/10/10

CLIENT SAMPLE ID

Project Name: Amistad Academy
Project Number: 223019
Field Sample ID: Lab QC

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/L	Results µg/L
PCB-1016	0.2	U
PCB-1221	0.2	U
PCB-1232	0.2	U
PCB-1242	0.2	U
PCB-1248	0.2	U
PCB-1254	0.2	U
PCB-1260	0.2	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	94	%
Decachlorobiphenyl	119	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS:

PCB Report

Authorized signature

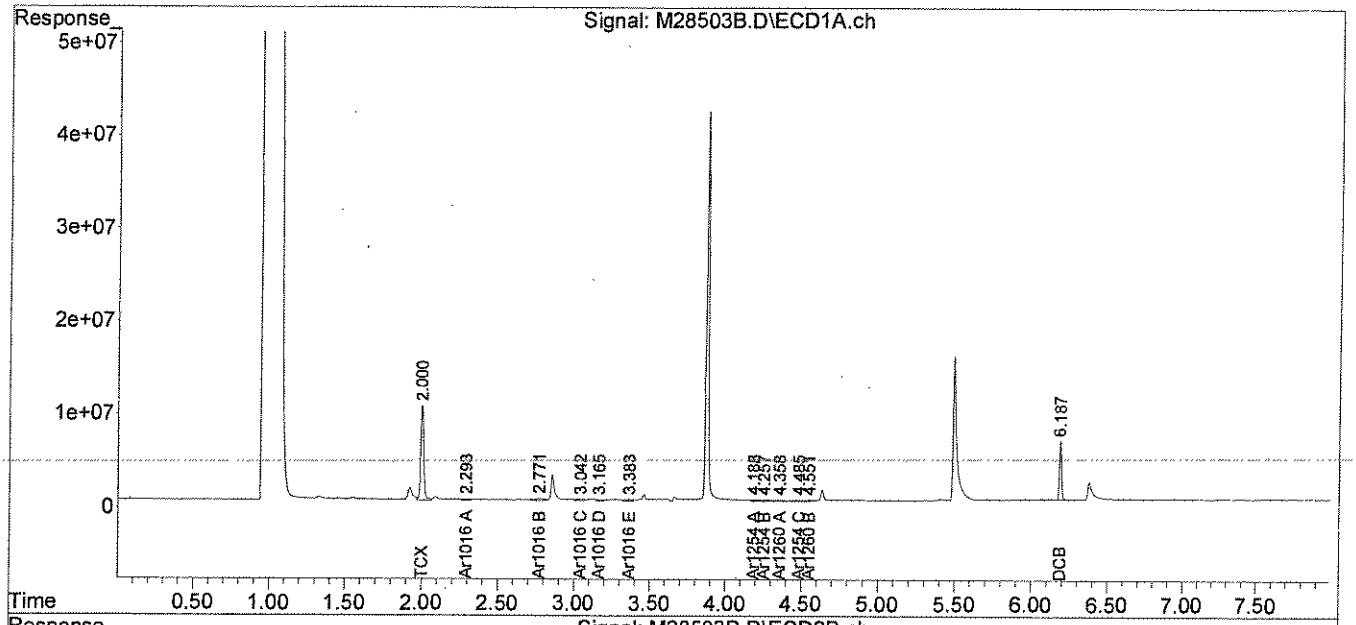
Quantitation Report (Not Reviewed)

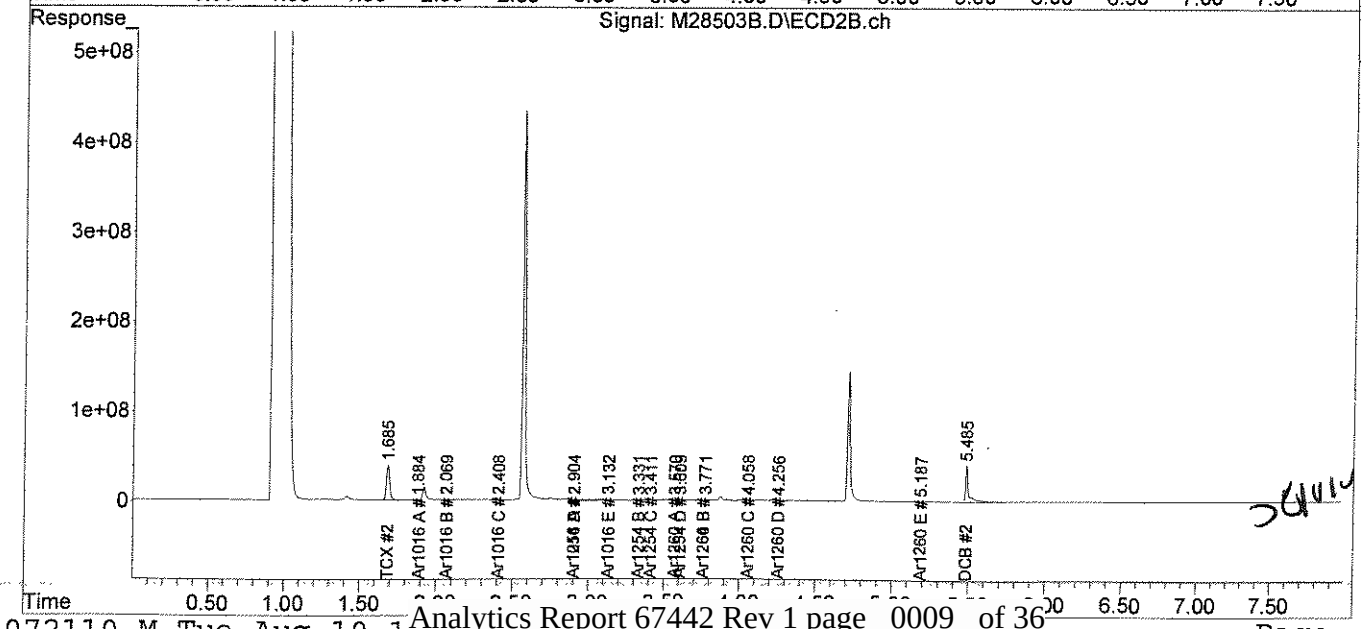
Data Path : C:\msdchem\1\DATA\081010-M\
Data File : M28503B.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Aug 2010 10:21 am
Operator : JK
Sample : B080910PW
Misc :
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 10 11:58:35 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

JL 08/10/10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 9, 2010

SAMPLE DATA

Lab Sample ID:	67442-1
Matrix:	Solid
Percent Solid:	95
Dilution Factor:	1.0
Collection Date:	08/04/10
Lab Receipt Date:	08/05/10
Extraction Date:	08/05/10
Analysis Date:	08/06/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-258

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	**708**
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	92	%
Decachlorobiphenyl	83	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67442
Sample: 67442-1,,A/C
Data File: M28472.D
Dilution Factor: 1.0

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	708	667	5.9	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

PCB FORM 10

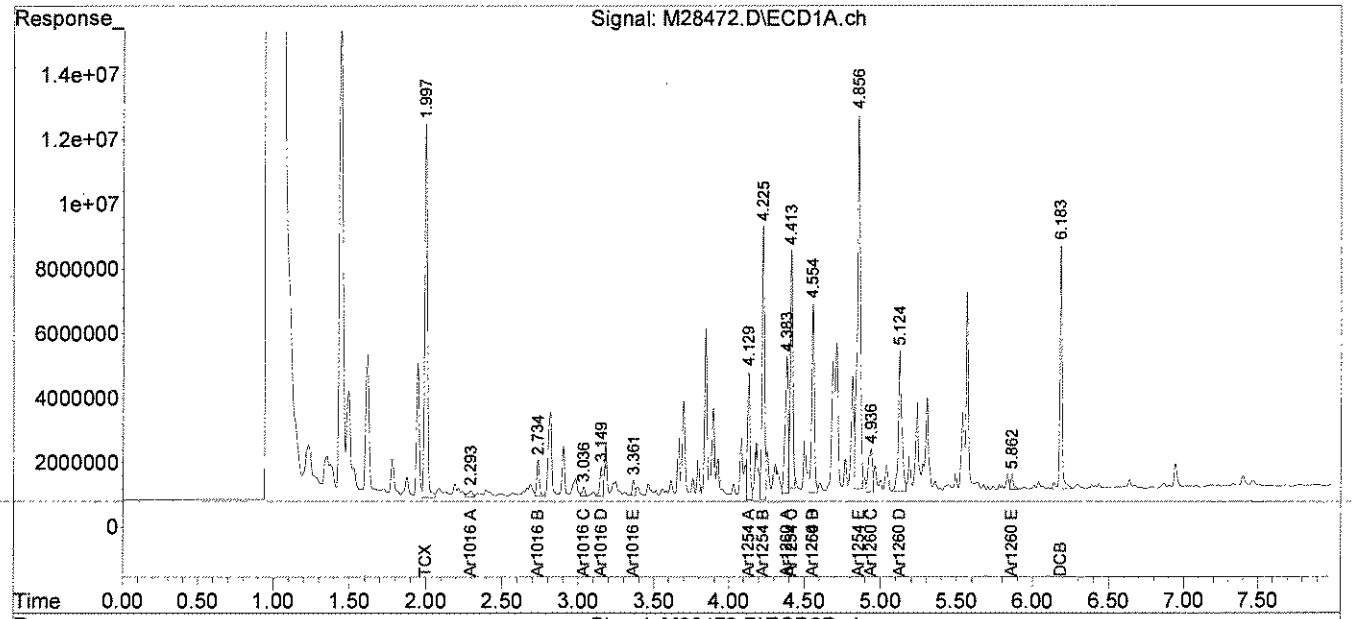
Quantitation Report (QT Reviewed)

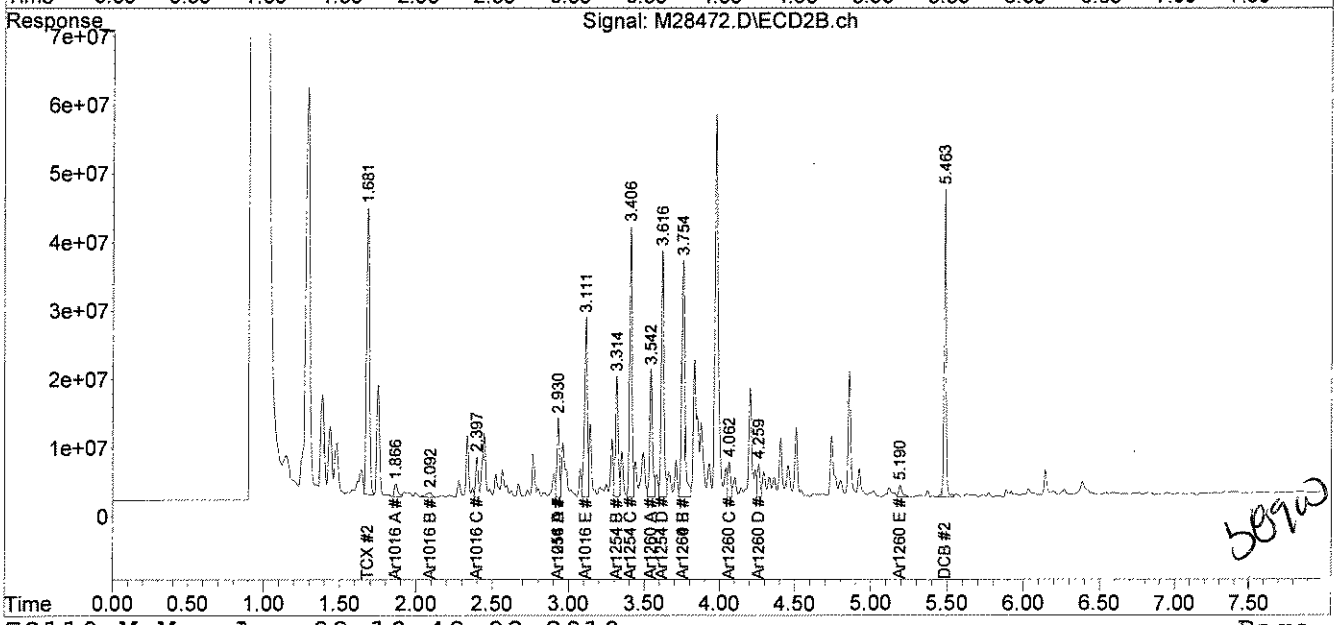
Data Path : C:\msdchem\1\DATA\080610-M\
Data File : M28472.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 6 Aug 2010 3:58 pm
Operator : JK
Sample : 67442-1,,A/C
Misc : SOIL
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 09 10:49:01 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

JK 08-09-10

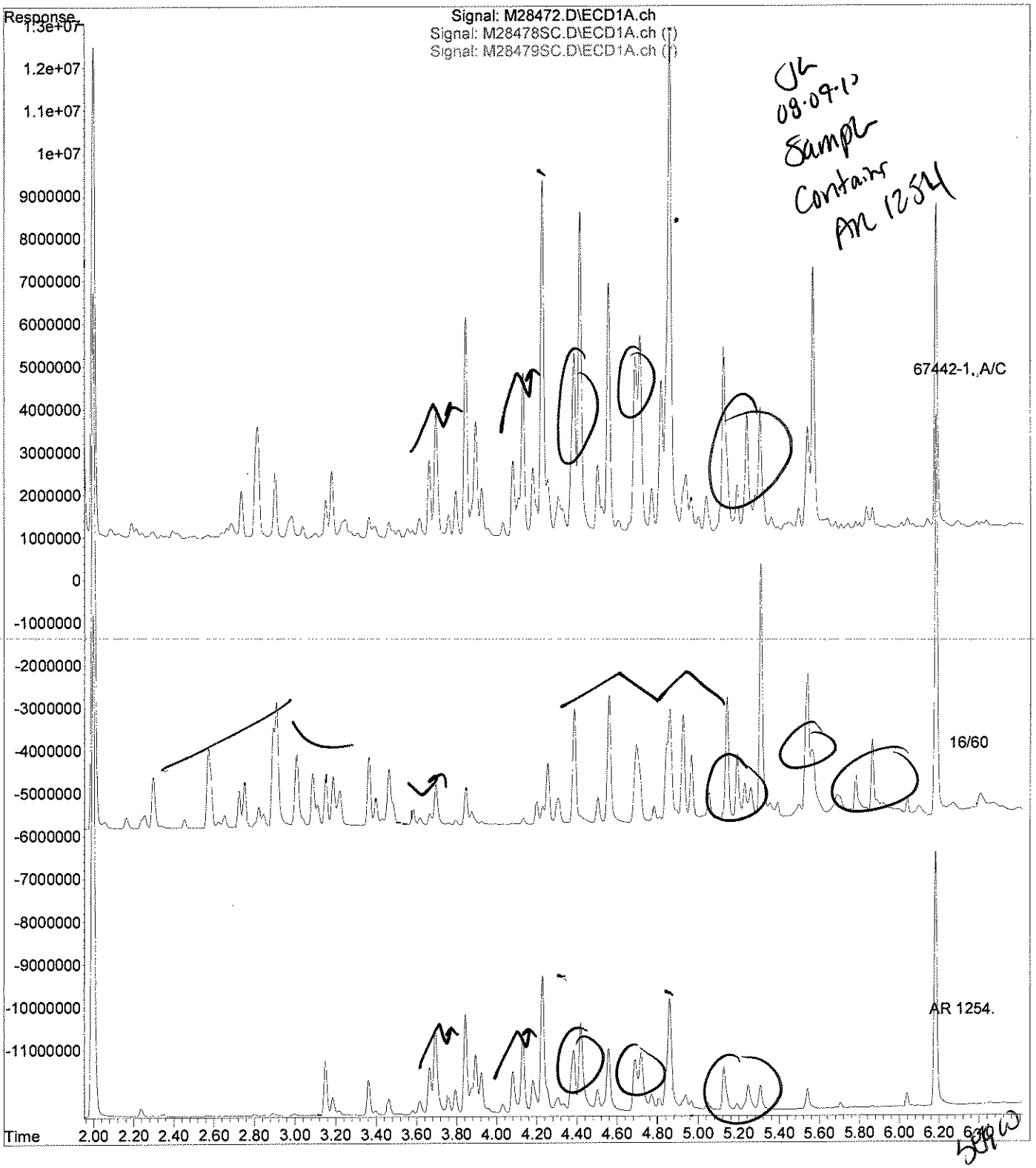
Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





5890

File :C:\msdchem\1\DATA\080610-M\M28472.D
Operator : JK
Acquired : 6 Aug 2010 3:58 pm using AcqMethod PEST.M
Instrument : Instrument M
Sample Name: 67442-1,,A/C
Misc Info : SOIL
Vial Number: 9



analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 27, 2010

SAMPLE DATA

Lab Sample ID:	67442-2
Matrix:	Solid
Percent Solid:	94
Dilution Factor:	1.0
Collection Date:	08/04/10
Lab Receipt Date:	08/05/10
Extraction Date:	08/05/10
Analysis Date:	08/06/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-559

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	**119**
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	91	%
Decachlorobiphenyl	77	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67442
Sample: 67442-2,,A/C
Data File: M28473.D
Dilution Factor: 1.0

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	119	111	6.8	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

PCB FORM 10

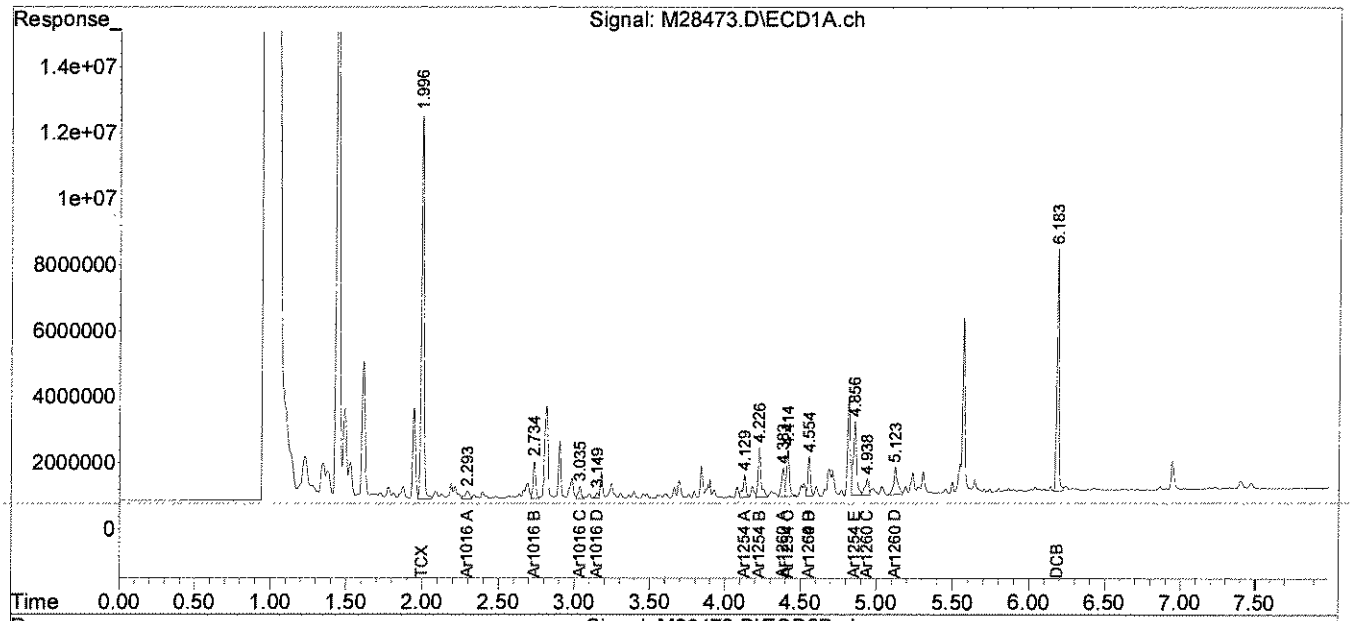
Quantitation Report (Not Reviewed)

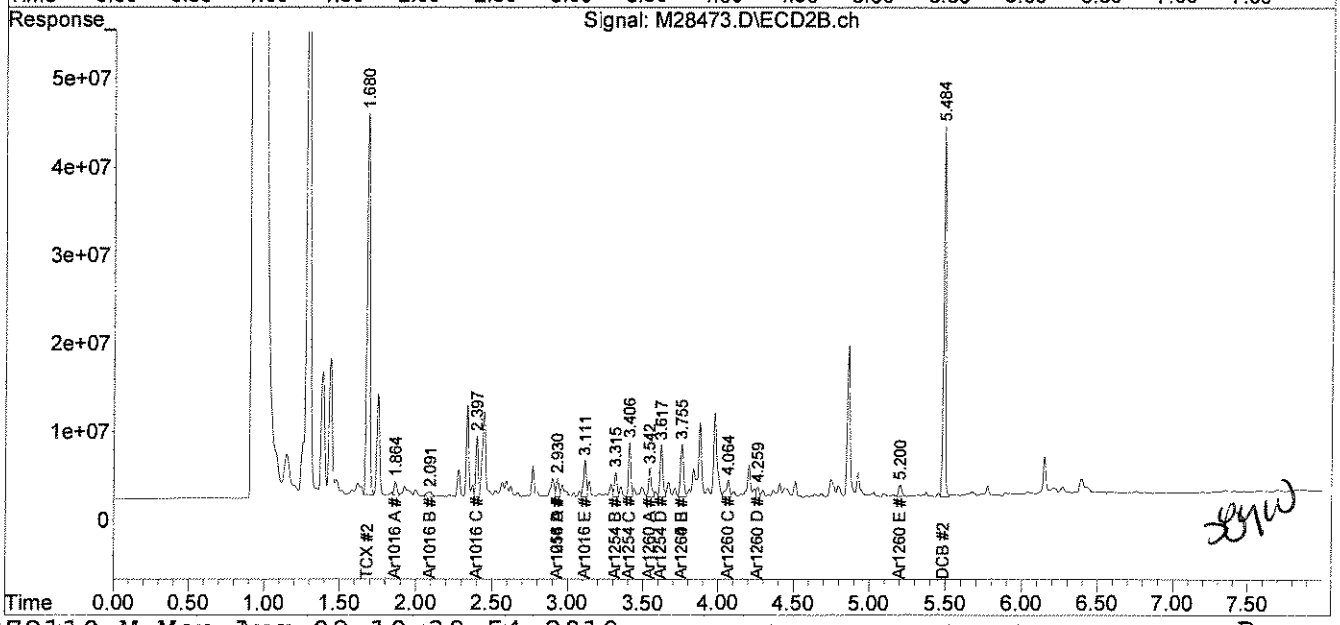
Data Path : C:\msdchem\1\DATA\080610-M\
Data File : M28473.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 6 Aug 2010 4:09 pm
Operator : JK
Sample : 67442-2,,A/C
Misc : SOIL
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 09 10:39:54 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

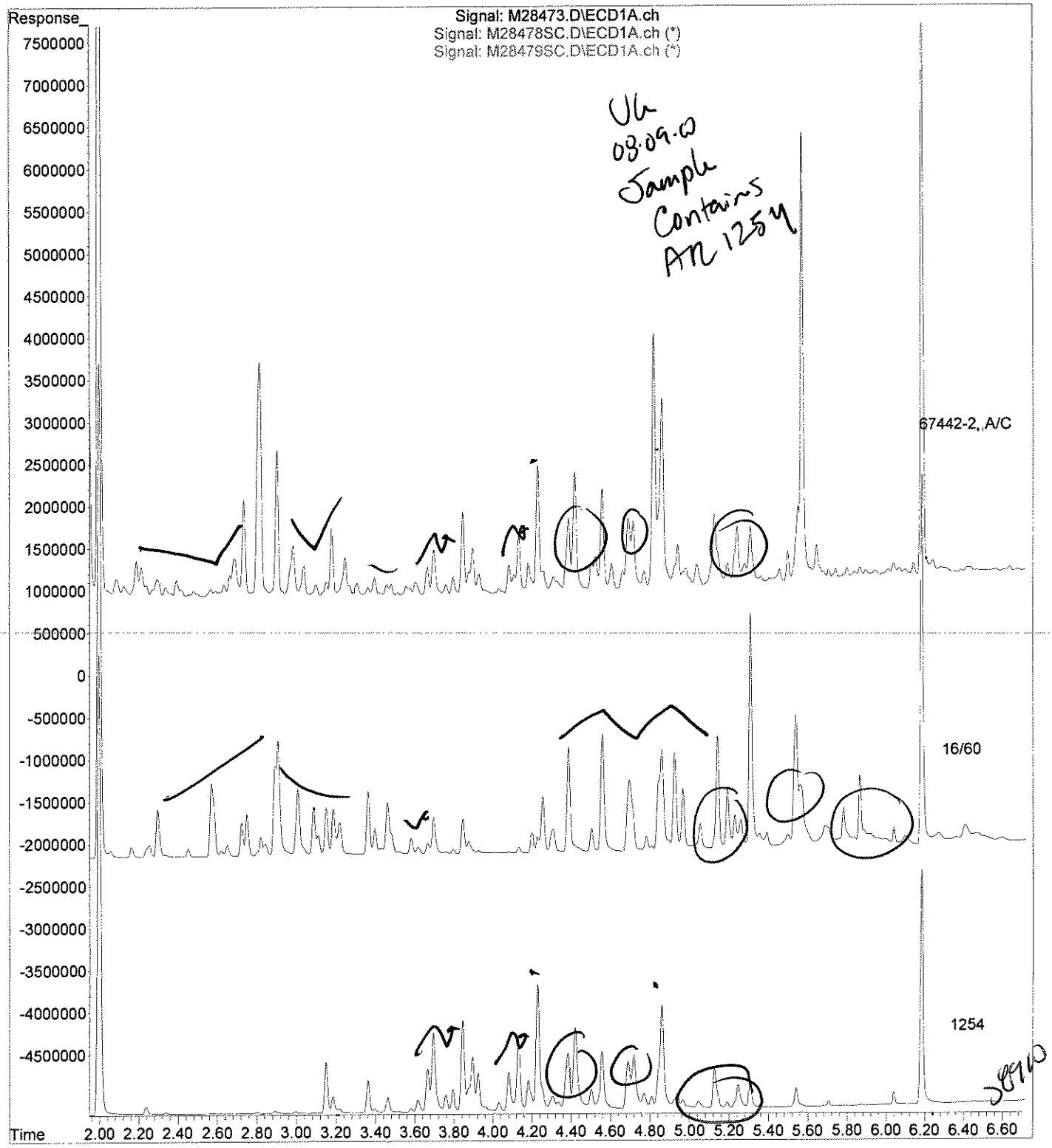
JL 08-09-10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





File :C:\msdchem\1\DATA\080610-M\M28473.D
Operator : JK
Acquired : 6 Aug 2010 4:09 pm using AcqMethod PEST.M
Instrument : Instrument M
Sample Name: 67442-2,,A/C
Misc Info : SOIL
Vial Number: 10



analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 10, 2010

SAMPLE DATA

Lab Sample ID:	67442-3
Matrix:	Aqueous
Percent Solid:	N/A
Dilution Factor:	1.1
Collection Date:	08/04/10
Lab Receipt Date:	08/05/10
Extraction Date:	08/09/10
Analysis Date:	08/10/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-Q-260

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/L	Results µg/L
PCB-1016	0.2	U
PCB-1221	0.2	U
PCB-1232	0.2	U
PCB-1242	0.2	U
PCB-1248	0.2	U
PCB-1254	0.2	U
PCB-1260	0.2	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	96	%
Decachlorobiphenyl	86	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS:

PCB Report

Authorized signature

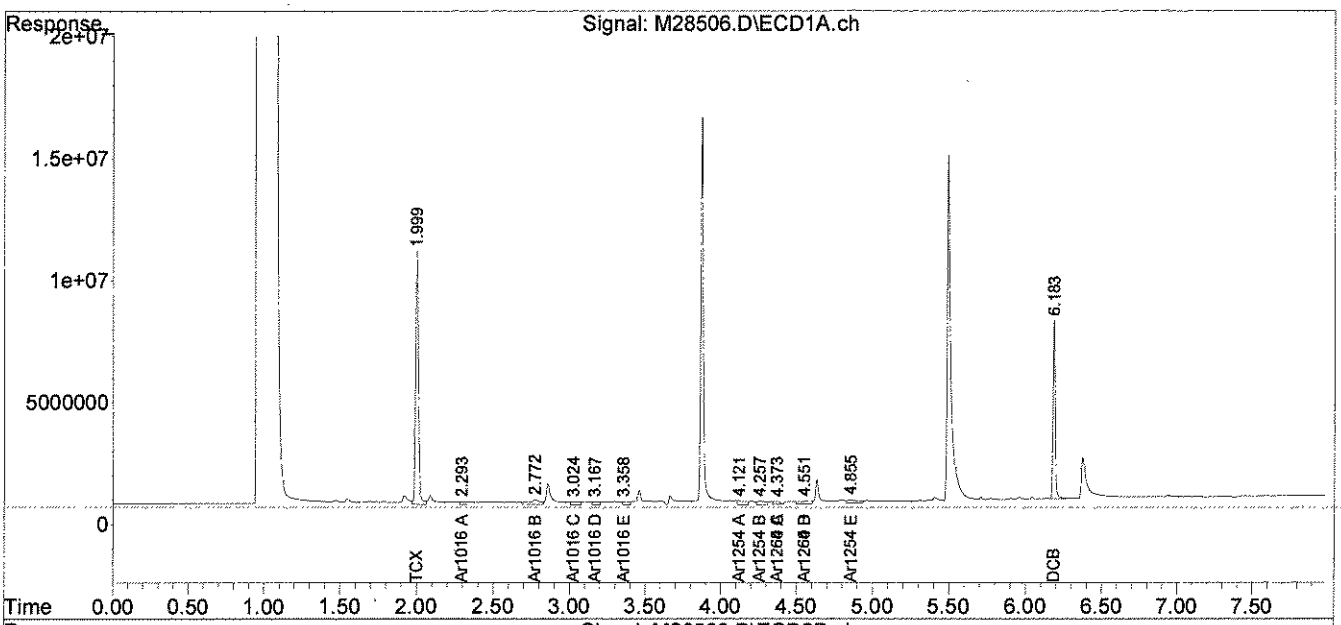
Quantitation Report (QT Reviewed)

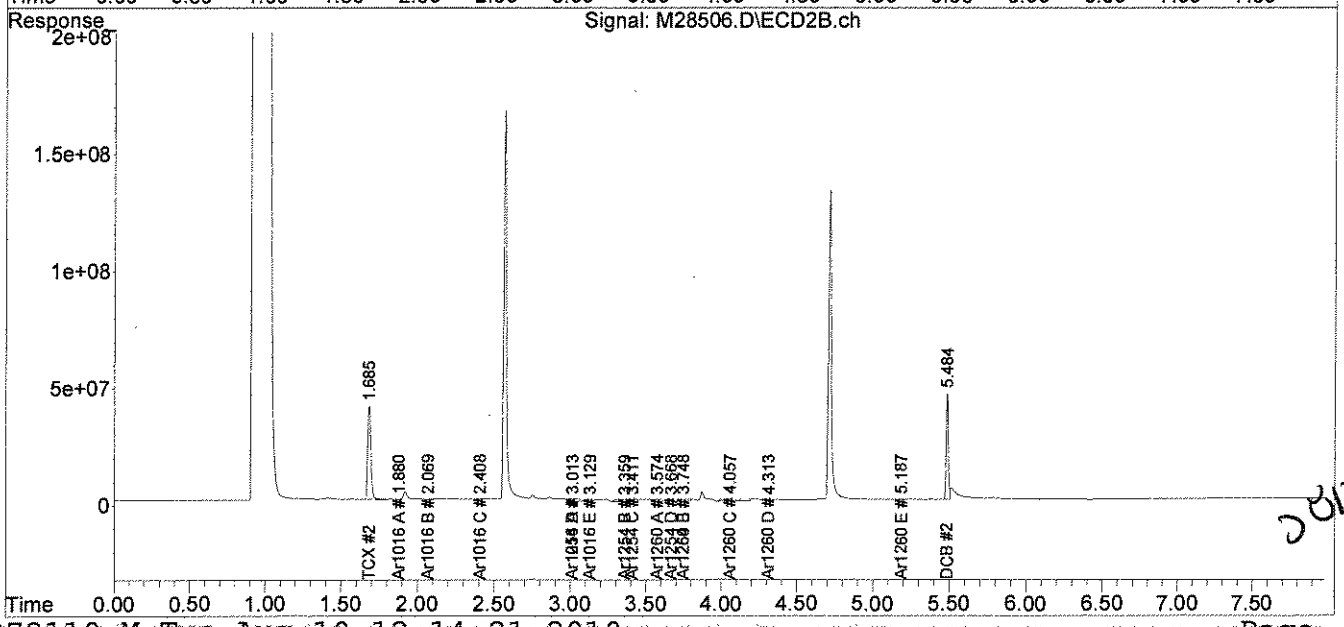
Data Path : C:\msdchem\1\DATA\081010-M\
Data File : M28506.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Aug 2010 10:51 am
Operator : JK
Sample : 67442-3
Misc :
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 10 12:14:14 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

JK 08.10.10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





JK 08/10/10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 9, 2010

SAMPLE DATA

Lab Sample ID:	67442-4
Matrix:	Solid
Percent Solid:	94
Dilution Factor:	1.0
Collection Date:	08/04/10
Lab Receipt Date:	08/05/10
Extraction Date:	08/05/10
Analysis Date:	08/06/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-261

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	90	%
Decachlorobiphenyl	75	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

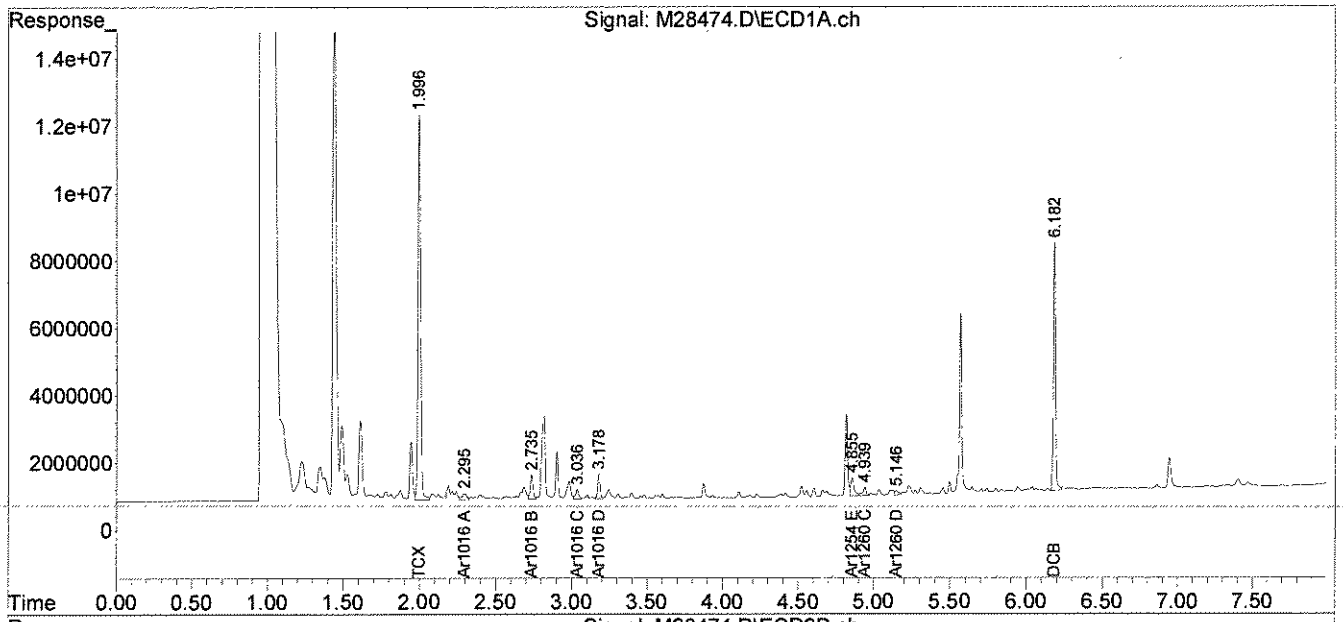
Quantitation Report (Not Reviewed)

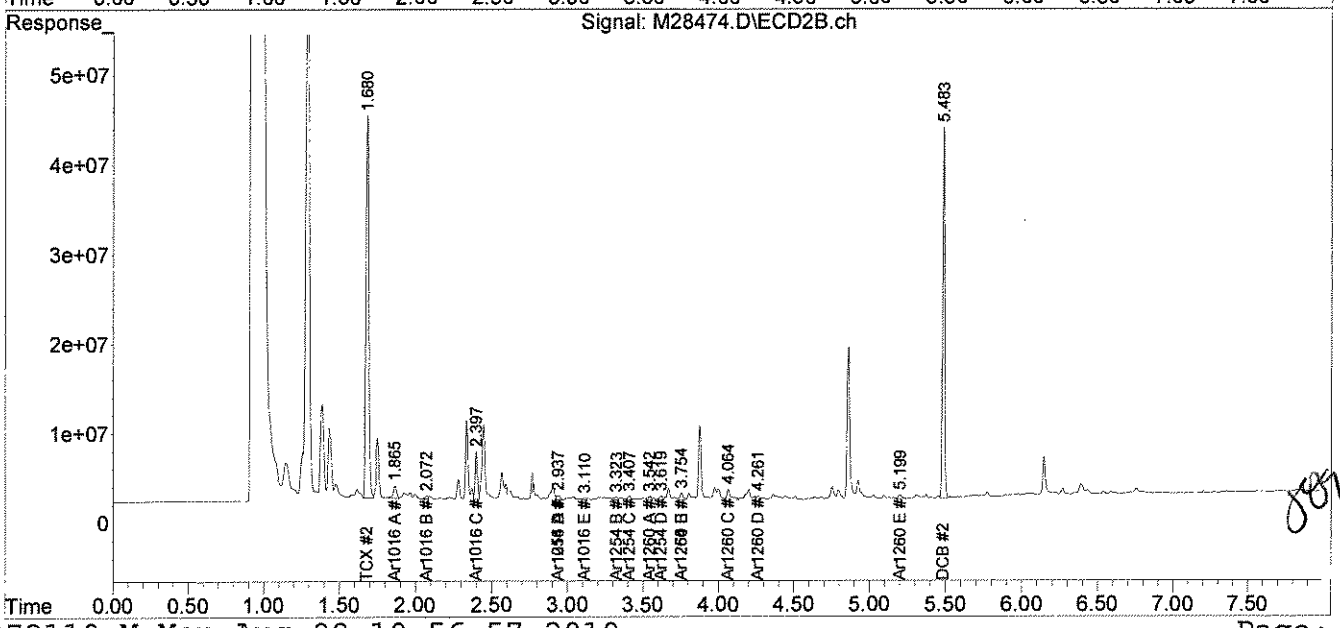
Data Path : C:\msdchem\1\DATA\080610-M\
Data File : M28474.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 6 Aug 2010 4:19 pm
Operator : JK
Sample : 67442-4,,A/C
Misc : SOIL
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 09 10:39:56 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um

JL 08-09-10





JL 08/10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 9, 2010

SAMPLE DATA

Lab Sample ID:	67442-5
Matrix:	Solid
Percent Solid:	95
Dilution Factor:	1.0
Collection Date:	08/04/10
Lab Receipt Date:	08/05/10
Extraction Date:	08/05/10
Analysis Date:	08/06/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-262

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	89	%
Decachlorobiphenyl	77	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

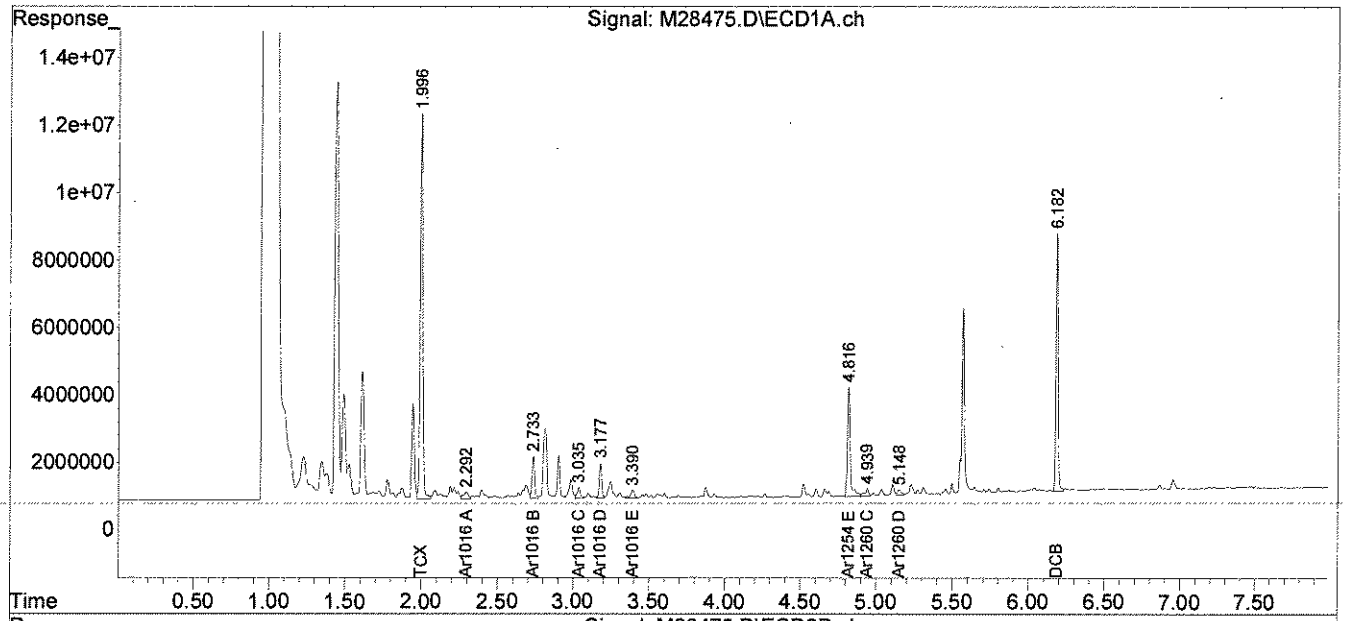
Quantitation Report (Not Reviewed)

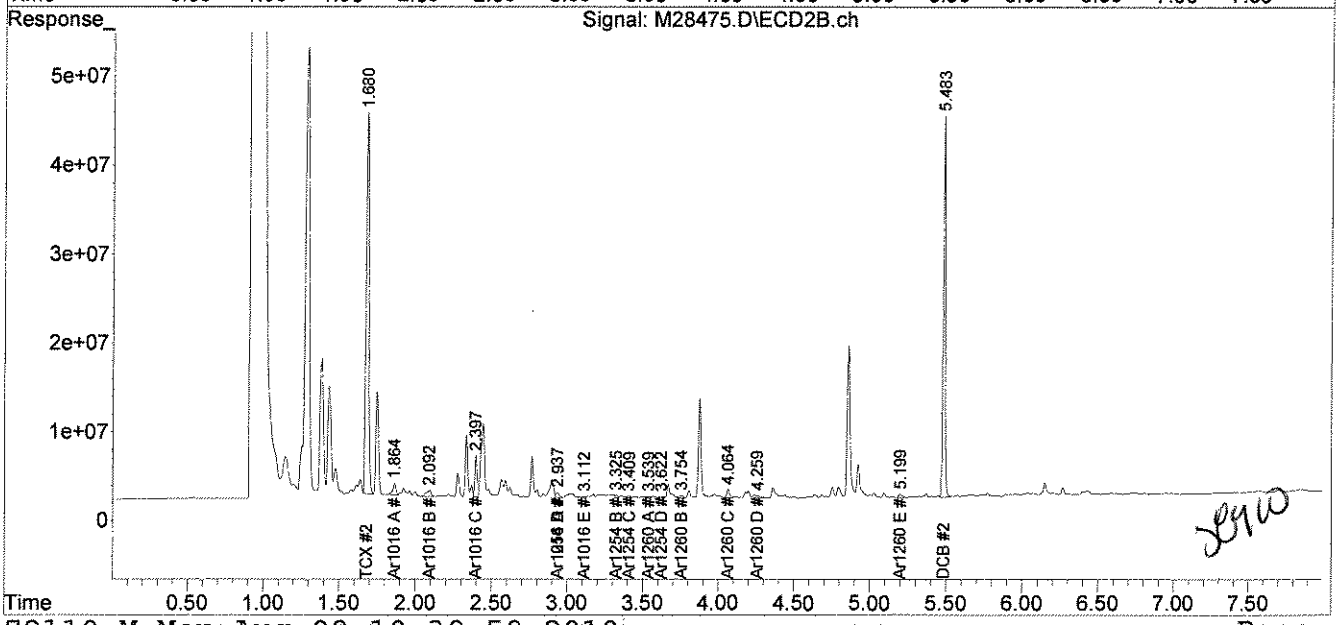
Data Path : C:\msdchem\1\DATA\080610-M\
Data File : M28475.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 6 Aug 2010 4:29 pm
Operator : JK
Sample : 67442-5,,A/C
Misc : SOIL
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 09 10:39:59 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

JK 08.09.10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





JK 8/10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 9, 2010

SAMPLE DATA

Lab Sample ID:	67442-6
Matrix:	Solid
Percent Solid:	93
Dilution Factor:	1.1
Collection Date:	08/04/10
Lab Receipt Date:	08/05/10
Extraction Date:	08/05/10
Analysis Date:	08/06/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-263

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	36	U
PCB-1221	36	U
PCB-1232	36	U
PCB-1242	36	U
PCB-1248	36	U
PCB-1254	36	U
PCB-1260	36	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	85	%
Decachlorobiphenyl	75	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

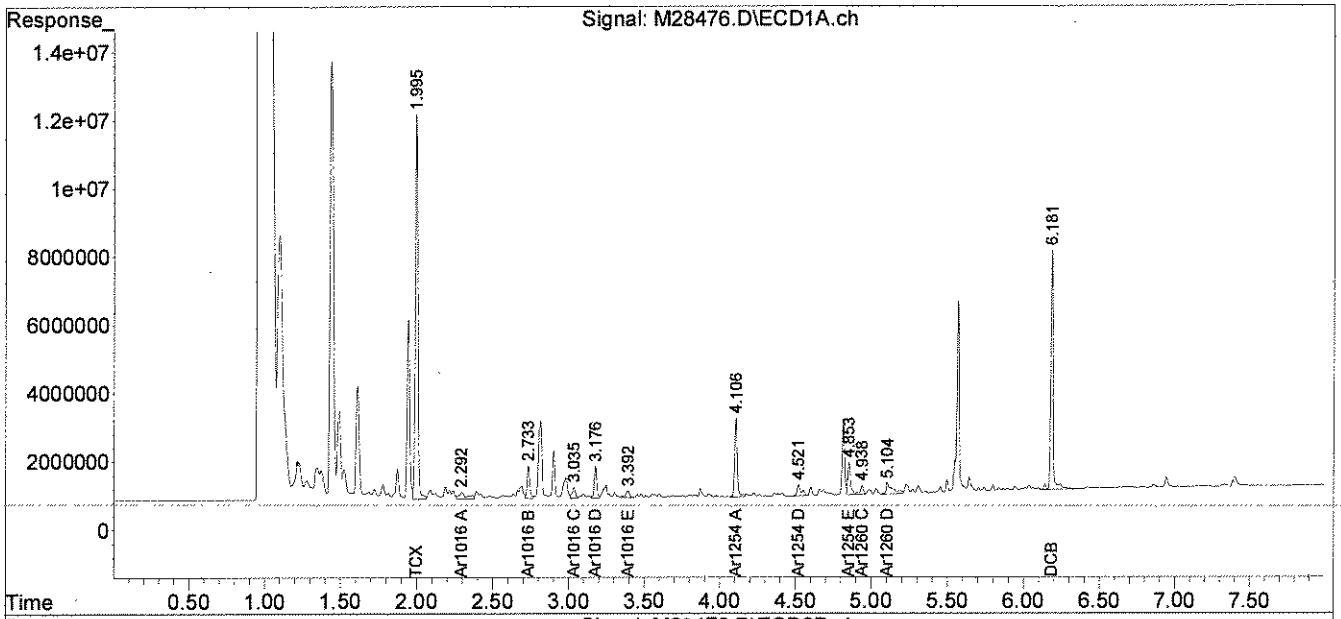
Quantitation Report (Not Reviewed)

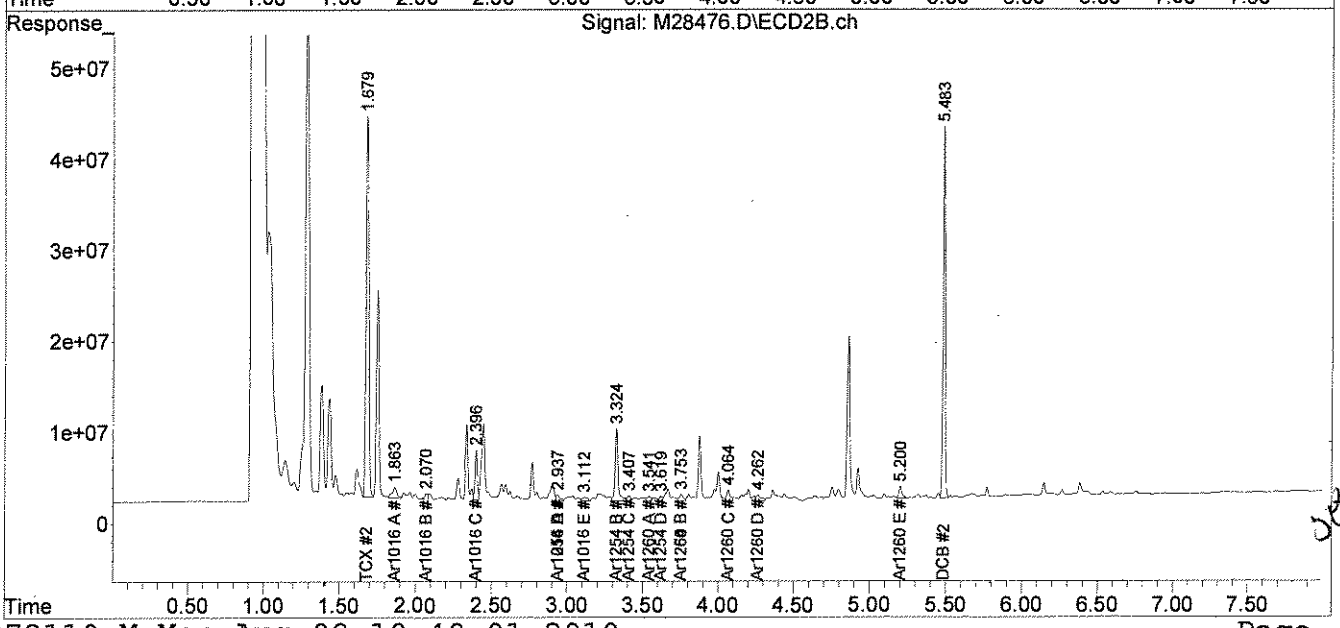
Data Path : C:\msdchem\1\DATA\080610-M\
Data File : M28476.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 6 Aug 2010 4:40 pm
Operator : JK
Sample : 67442-6,,A/C
Misc : SOIL
ALS Vial : 13 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 09 10:40:01 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

JL 08-09-10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





JB 9/10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 9, 2010

SAMPLE DATA

Lab Sample ID:	67442-7
Matrix:	Solid
Percent Solid:	95
Dilution Factor:	1.0
Collection Date:	08/04/10
Lab Receipt Date:	08/05/10
Extraction Date:	08/05/10
Analysis Date:	08/06/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-264

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	91	%
Decachlorobiphenyl	78	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

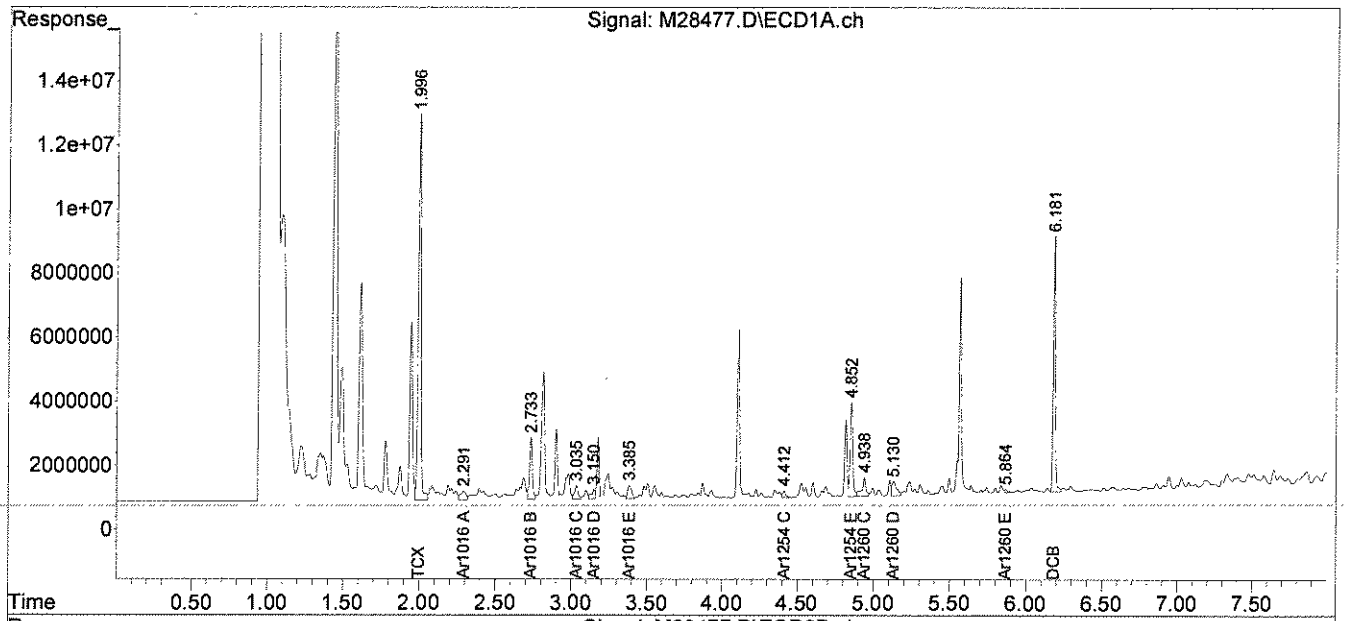
Quantitation Report (Not Reviewed)

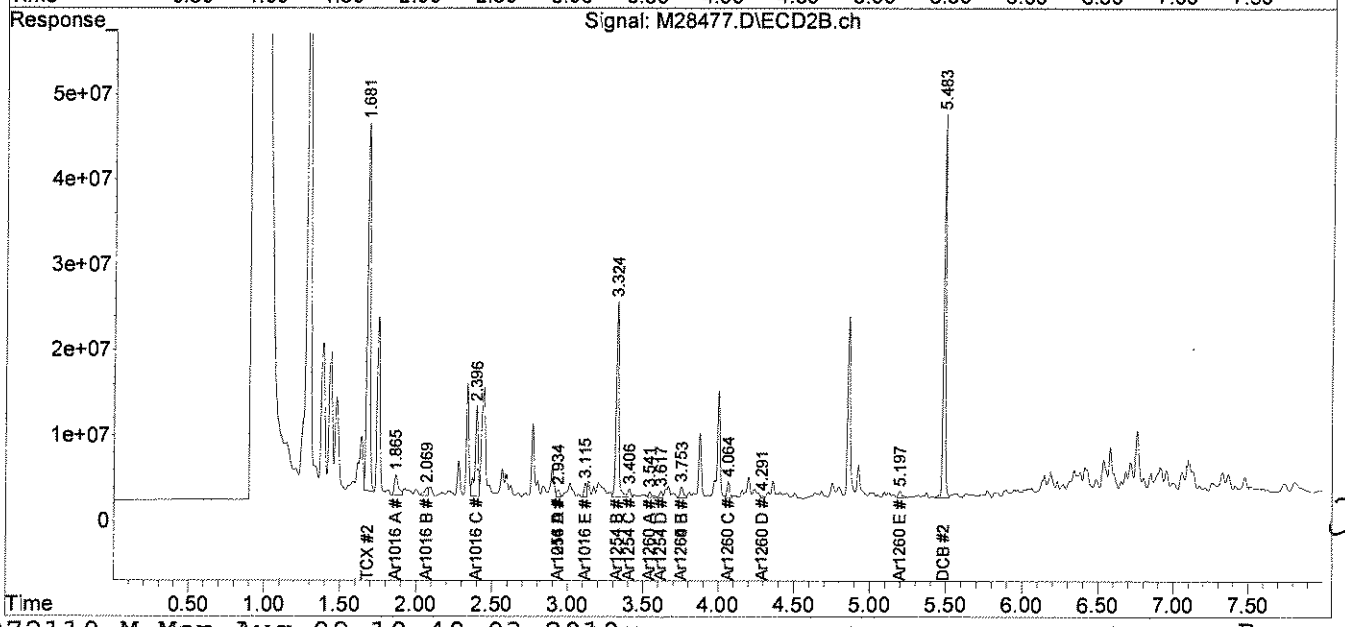
Data Path : C:\msdchem\1\DATA\080610-M\
Data File : M28477.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 6 Aug 2010 4:50 pm
Operator : JK
Sample : 67442-7,,A/C
Misc : SOIL
ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 09 10:40:03 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

JK 08-09-10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





analytics environmental laboratory LLC

PCB
QC FORMS

AnalyticsLLC:AEL Documents LLC:Pkg Dividers:PCBQC.doc

PCB SOIL
SYSTEM MONITORING COMPOUNDS
SUMMARY

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67442

	Column #1				Column #2			
SAMPLE ID	SMC 1 (%)	#	SMC 2 (%)	#	SMC 1 (%)	#	SMC 2 (%)	#
B080510PSOX,,A/C	89		76		87		86	
L080510PSOX,,A/C	85		77		91		84	
LD080510PSOX,,A/C	89		82		91		85	
67442-1,,A/C	88		80		92		83	
67442-2,,A/C	85		72		91		77	
67442-4,,A/C	84		72		90		75	
67442-5,,A/C	84		74		89		77	
67442-6,,A/C	80		76		85		75	
67442-7,,A/C	91		78		93		83	

		Lower Limit	Upper Limit
SMC #1 =	TCX	40	130
SMC #2 =	DCB	40	130

Column to be used to flag recovery values outside of QC limits
* Values outside QC limits
D System Monitoring Compound diluted out

PCB AQUEOUS
SYSTEM MONITORING COMPOUNDS
SUMMARY

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67442

	Column #1				Column #2			
SAMPLE ID	SMC 1 (%)	#	SMC 2 (%)	#	SMC 1 (%)	#	SMC 2 (%)	#
B080910PW	84		59		94		119	
L080910PWB	79		65		92		76	
LD080910PWB	81		67		92		77	
67442-3	84		74		96		86	

		Lower Limit	Upper Limit
SMC #1 =	TCX	46	122
SMC #2 =	DCB	40	135

Column to be used to flag recovery values outside of QC limits
* Values outside QC limits
D System Monitoring Compound diluted out

PCB FORM 2

PCB SOIL
LABORATORY CONTROL SAMPLE/DUPLICATE
PERCENT RECOVERY

Instrument ID: M

GC Column #1: STX-CLPesticides I

Column ID: 0.25 mm

GC Column #2: STX-CLPesticides II

Column ID: 0.25 mm

SDG: 67442

Non-spiked sample: B080510PSOX,,A/C

Spike: L080510PSOX,,A/C

Spike duplicate: LD080510PSOX,,A/C

COMPOUND	LCS SPIKE ADDED (ug/kg)	LCSD SPIKE ADDED (ug/kg)	LOWER LIMIT	UPPER LIMIT	RPD LIMIT	NON-SPIKE RESULT (ug/kg)	SPIKE RESULT (ug/kg)	SPIKE % REC	#	SPIKE DUP RESULT (ug/kg)	SPIKE DUP % REC	#	RPD	#
PCB 1016	200	200	65	140	30	0	195	97		193	97		0.8	
PCB 1260	200	200	60	130	30	0	194	97		212	106		9.0	
PCB 1016 #2	200	200	65	140	30	0	242	121		223	111		8.3	
PCB 1260 #2	200	200	60	130	30	0	204	102		218	109		6.5	

Column to be used to flag recovery and RPD values outside of QC limits

* Values outside QC limits

LCS/LCSD spike added values have been weight adjusted.

Non-spike result of "0" used in place of "U" to allow calculation of spike recovery.

Comments: _____

PCB FORM 3

PCB AQUEOUS
LABORATORY CONTROL SAMPLE/DUPLICATE
PERCENT RECOVERY

Instrument ID: M

GC Column #1: STX-CLPesticides I

Column ID: 0.25 mm

GC Column #2: STX-CLPesticides II

Column ID: 0.25 mm

SDG: 67442

Non-spiked sample: B080910PW

Spike: L080910PWB

Spike duplicate: LD080910PWB

COMPOUND	LCS SPIKE ADDED (ug/L)	LCSD SPIKE ADDED (ug/L)	LOWER LIMIT	UPPER LIMIT	RPD LIMIT	NON-SPIKE RESULT (ug/L)	SPIKE RESULT (ug/L)	SPIKE % REC	#	SPIKE DUP RESULT (ug/L)	SPIKE DUP % REC	#	RPD	#
PCB 1016	2.00	2.00	65	140	30	0.00	2.32	116		2.18	109		6.3	
PCB 1260	2.00	2.00	60	130	30	0.00	1.77	88		1.76	88		0.3	
PCB 1016 #2	2.00	2.00	65	140	30	0.00	1.94	97		1.90	95		2.2	
PCB 1260 #2	2.00	2.00	60	130	30	0.00	2.28	114		2.30	115		0.8	

Column to be used to flag recovery and RPD values outside of QC limits

* Values outside QC limits

LCS/LCSD spike added values have been weight adjusted.

Non-spike result of "0" used in place of "U" to allow calculation of spike recovery.

Comments: _____

PCB FORM 3

CHAIN OF CUSTODIES

AnalyticsLLC:AEL Documents LLC:Pkg Dividers:COC.doc

Chain Of Custody Form

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, NH 03801
Phone (603) 436-5111
Fax (603) 430-2151

For Analytics Use Only Rev. 5 06/18/08

Samples were:
1) Shipped or hand-delivered
2) Temp blank °C 6.9°C
3) Received in good condition Y or N
4) pH checked by: [illegible] 8-5-10
5) Labels checked by: CP 8/5/10

Project#: 223019 Proj. Name: AMISTAD ACADEMY
Company: Woodard & Curran
Contact: GEORGE FRANKLIN / JEFF HAMEL
Address: 35 New England Business Center Suite 180
Andover, MA 01810
Phone: (978)557-8150 PO# Quote # WCI03051001
Sampler (Signature): Jessie Abby R

Matrix Key:
C = Concrete
WP = Wipe
WW = Wastewater
SW = Surface Water
GW = Groundwater
DW = Drinking Water
S = Soil/Sludge
O = Oil
E = Extract

D-DIH2O

Container Key
P=plastic G=glass

Preservation

Station Identification	Sample Date	Sample Time	Analysis	Unpres	4° C	HNO_3	H_2SO_4	HCL	Methanol	Other	Matrix	Container number/type		pH	Analytics Sample #
AA-VSS-258	8/4/10	0925	PCB's by U.S.		✓						S	1	G		67442-1
AA-VSS-559		0930	E.P.A. 8082		✓						S	1	G		2
AA-VSS-Q-260*		0935	w/ Soxhlet		✓						D	1	G	5.0	3
AA-VSS-261		1120	Extraction		✓						S	1	G		4
AA-VSS-262		1125			✓						S	1	G		5
AA-VSS-263		1130			✓						S	1	G		6
AA-VSS-264		1230			✓						S	1	G		7

CP 8/5/10

Email Results to:
gfranklin@...
jream@..., jhamel@...

Turnaround Time (TAT)
- [ ] 24hr*
- [x] 48hr*
- [ ] 72hr*
- [ ] 5 Days*
- [ ] 10 Days

*Fee may apply; lab approval required

Comments / Instructions:
R.L. ≤ 1.0 mg/kg.

*Amber liter is (-) for CL using KI paper -CP 8/5/10

Project Requirements:
*Fee may apply

Report Type:
- [ ] MCP*
- [x] Level II*
- [ ] CTRCP*
- [ ] Level III*
- [ ] DOD*
- [ ] Level IV*
- [ ] Standard

State:
- [ ] NH
- [ ] MA
- [ ] ME
- [x] CT
- [ ] RI
- Other:

State Standard:
(eg. S-1 or GW-1)

EDD Required: Y*1 N
Type: .xls

Received By: Fed Ex Time: Date: 8/4/10
Received By: [illegible] Time: 930 Date: 8/5/10
Received By: [illegible] Time: Date:
Relinquished By Sampler: Jessie Abby R
Relinquished By: Fed Ex
Relinquished By:

Analytics\AEL Documents\AEL COC

Page 1 of 1

ANALYTICS SAMPLE RECEIPT CHECKLIST

analytics environmental laboratory LLC

AEL LAB#: 67442

CLIENT: WOODARD

PROJECT: AMISTAS ACADEMY 223019

COOLER NUMBER: NA

NUMBER OF COOLERS: 1

DATE RECEIVED: 8-5-10

A: PRELIMINARY EXAMINATION:

DATE COOLER OPENED: 8-5-10

1. Cooler received by(initials): AM

Date Received: 8-5-10

2. Circle one: Hand delivered (If so, skip 3) ~~Shipped~~

3. Did cooler come with a shipping slip? Y N

3a. Enter carrier name and airbill number here: FED-EX 7937 9093 3949

4. Were custody seals on the outside of cooler? Y N
How many & where: — Seal Date: — Seal Name: —

5. Did the custody seals arrive unbroken and intact upon arrival? Y NA

6. COC#: N/A

7. Were Custody papers filled out properly (ink,signed, etc)? Y N

8. Were custody papers sealed in a plastic bag? Y N

9. Did you sign the COC in the appropriate place? Y N

10. Was the project identifiable from the COC papers? Y N

11. Was enough ice used to chill the cooler? Y N Temp. of cooler: 6.9°C

B. Log-In: Date samples were logged in: 8-5-10 By: AM

12. Type of packing in cooler(bubble wrap, popcorn) Y N

13. Were all bottles sealed in separate plastic bags? Y N

14. Did all bottles arrive unbroken and were labels in good condition? Y N

15. Were all bottle labels complete(ID,Date,time,etc.) Y N

16. Did all bottle labels agree with custody papers? Y N

17. Were the correct containers used for the tests indicated: Y N

18. Were samples received at the correct pH? Y N

19. Was sufficient amount of sample sent for the tests indicated? Y NA

20. Were bubbles absent in VOA samples? Y NA

If NO, List Sample ID's and Lab #s: _____

21. Laboratory labeling verified by (initials): CP Date: 8/5/10

From: Origin ID: BNHA (203) 271-0379
Jesse Ream
WOODARD & CURRAN INC
1520 HIGHLAND AVENUE

CHESHIRE, CT 06410

FedEx Express

J10201095250225

Ship Date: 04AUG10
ActWgt: 25.0 LB
CAD: 2185050/INET3060

Delivery Address Bar Code

SHIP TO: (603) 436-5111 BILL SENDER

Analytics Enviro Labs, LLC
Analytics Enviro Labs, LLC
195 COMMERCE WAY UNIT E

PORTSMOUTH, NH 03801

Ref # 223019.00
Invoice #
PO #
Dept #

TRK# 0201 7937 9093 3949

THU - 05 AUG A2
PRIORITY OVERNIGHT

03801
NH-US
MHT

03 IGGA

RT 328 1 C
FZ 3949
08.05

508G3/BEA8/9A24

After printing this label:
1. Use the 'Print' button on this page to print your label to your laser or inkjet printer.
2. Fold the printed page along the horizontal line.
3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

Warning: Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com.FedEx will not be responsible for any claim in excess of $100 per package, whether the result of loss, damage, delay, non-delivery,misdelivery,or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim.Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic valueof the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental,consequential, or special is limited to the greater of $100 or the authorized declared value. Recovery cannot exceed actual documented loss.Maximum for items of extraordinary value is $500, e.g. jewelry, precious metals, negotiable instruments and other items listed in our ServiceGuide. Written claims must be filed within strict time limits, see current FedEx Service Guide.

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

August 31, 2010

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

RE: Analytical Results Case Narrative
Analytics # 67492 Revision 1
AMISTAD ACADEMY

Dear Mr. Franklin;

Enclosed please find the analytical results for samples submitted for the above-mentioned project. The attached Cover Page lists the sample IDs, Lab tracking numbers and collection dates for the samples included in this deliverable.

Samples were analyzed Polychlorinated Biphenyls (PCBs) by EPA Method 8082.

This report has been revised to correct the data entry error for the surrogate result on sample 67492-1 (AA-VSS-265). Please replace pages of the original report with the pages provided here.

Unless otherwise noted in the Non-conformance Summary listed below, all of the quality control (QC) criteria including initial calibration, calibration verification, surrogate recovery, holding time and method accuracy/precision for these analyses were within acceptable limits.

This Level II data package has been assembled in the following order:

Case Narrative/Non-Conformance Summary
Sample Log Sheet - Cover Page
PCB Form 1 Data Sheet for Samples and Blanks
    Chromatograms
PCB Form 10 Confirmation Results
PCB Form 3 MS/MSD (LCS) Recoveries
Chain of Custody (COC) Forms

QC NON-CONFORMANCE SUMMARY

Sample Receipt:
No exceptions.

PCBs by EPA Method 8082:
No results were reported below the quantitation limit.

The closing continuing calibration standard (file#M28624SC) had recovery for Decachlorobiphenyl (DCB) above the laboratory acceptance criteria. The standard was reanalyzed (file#M28626SC) with all analytes in control. Results were reported without qualification.

If you have any questions on these results, please do not hesitate to contact me.

Sincerely,
ANALYTICS Environmental Laboratory, LLC

Stephen L. Knollmeyer
Laboratory Director

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 31, 2010

SAMPLE DATA

Lab Sample ID:	67492-1
Matrix:	Solid
Percent Solid:	92
Dilution Factor:	1.1
Collection Date:	08/09/10
Lab Receipt Date:	08/11/10
Extraction Date:	08/11/10
Analysis Date:	08/12/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-265

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	36	U
PCB-1221	36	U
PCB-1232	36	U
PCB-1242	36	U
PCB-1248	36	U
PCB-1254	36	U
PCB-1260	36	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	93	%
Decachlorobiphenyl	61	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

August 16, 2010

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

RE: Analytical Results Case Narrative
Analytics # 67501
AMISTAD ACADEMY

Dear Mr. Franklin;

Enclosed please find the analytical results for samples submitted for the above-mentioned project. The attached Cover Page lists the sample IDs, Lab tracking numbers and collection dates for the samples included in this deliverable.

Samples were analyzed Polychlorinated Biphenyls (PCBs) by EPA Method 8082.

Unless otherwise noted in the Non-conformance Summary listed below, all of the quality control (QC) criteria including initial calibration, calibration verification, surrogate recovery, holding time and method accuracy/precision for these analyses were within acceptable limits.

This Level II data package has been assembled in the following order:

Case Narrative/Non-Conformance Summary
Sample Log Sheet - Cover Page
PCB Form 1 Data Sheet for Samples and Blanks
Chromatograms
PCB Form 10 Confirmation Results
PCB Form 3 MS/MSD (LCS) Recoveries
Chain of Custody (COC) Forms

QC NON-CONFORMANCE SUMMARY

Sample Receipt:
Two samples 67501-1 and 67501-2 were cancelled after they were received at the laboratory at the clients request. A note to this affect was recorded on the chain of custody.

PCBs by EPA Method 8082:
No results were reported below the quantitation limit.

If you have any questions on these results, please do not hesitate to contact me.

Sincerely,
ANALYTICS Environmental Laboratory, LLC

Stephen L. Knollmeyer
Laboratory Director

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

Report Number: 67501

Revision: Rev. 0

Re: Amistad Academy (Project No: 223019)

Enclosed are the results of the analyses on your sample(s). Samples were received on 12 August 2010 and analyzed for the tests listed. Samples were received in acceptable condition, with the exceptions noted below or on the chain of custody. These results pertain to samples as received by the laboratory and for the analytical tests requested on the chain of custody. The results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report. Please see individual reports for specific methodologies and references.

Sample Analysis: The attached pages detail the Client Sample IDs, Lab Sample IDs, and Analyses requested

Sample Receipt Exceptions: None

Analytics Environmental Laboratory is certified by the states of New Hampshire, Maine, Massachusetts, Connecticut, Rhode Island, Virginia, Maryland, and is accredited by the Deparment of Defense (DOD) ELAP program. A list of actual certified parameters is available upon request.

If you have any questions on these results, please do not hesitate to contact us.

Authorized signature _____
Stephen L. Knollmeyer Lab. Director

Date 08/16/2010

This report shall not be reproduced, except in full, without the written consent of Analytics Environmental Laboratory, LLC.

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

CLIENT: Woodard & Curran **REPORT NUMBER: 67501** **REV: Rev. 0**

PROJECT: Amistad Academy (Project No: 223019)

Lab Number	Sample Date	Station Location	Analysis	Comments
67501-3	08/11/10	AA-CC-046	EPA 8082 (PCBs only)	
67501-4	08/11/10	AA-VCC-273	EPA 8082 (PCBs only)	
67501-5	08/11/10	AA-VCC-274	EPA 8082 (PCBs only)	
67501-6	08/11/10	AA-VWP-275	EPA 8082 (PCBs only)	
67501-7	08/11/10	AA-VWP-276	EPA 8082 (PCBs only)	
67501-8	08/11/10	AA-VWP-277	EPA 8082 (PCBs only)	
67501-9	08/11/10	AA-VWP-278	EPA 8082 (PCBs only)	
67501-10	08/11/10	AA-VWP-579	EPA 8082 (PCBs only)	
67501-11	08/11/10	AA-VWP-Q-280	EPA 8082 (PCBs only)	
67501-12	08/11/10	AA-VBS-281	EPA 8082 (PCBs only)	
67501-13	08/11/10	AA-VBS-282	Electronic Data Deliverable	
	08/11/10	AA-VBS-282	EPA 8082 (PCBs only)	

analytics environmental laboratory LLC

Surrogate Compound Limits

Matrix:	Aqueous	Solid	
Units:	% Recovery	% Recovery	Method
Volatile Organic Compounds - Drinking Water			
1,4-Difluorobenzene	70-130		EPA 524.2
Bromofluorobenzene	70-130		
1,2-Dichlorobenzene-d4	70-130		
Volatile Organic Compounds			
1,2-Dichloroethane-d4	70-120	70-120	EPA 624/8260B
Toluene-d8	85-120	85-120	
Bromofluorobenzene	75-120	75-120	
Semi-Volatile Organic Compounds			
2-Fluorophenol	20-110	35-105	EPA 625/8270C
d5-Phenol	15-110	40-100	
d5-nitrobenzene	40-110	35-100	
2-Fluorobiphenyl	50-110	45-105	
2,4,6-Tribromophenol	40-110	40-125	
d14-p-terphenyl	50-130	30-125	
PAH's by SIM			
d5-nitrobenzene	21-110	35-110	EPA 8270C
2-Fluorobiphenyl	36-121	45-105	
d14-p-terphenyl	33-141	30-125	
Pesticides and PCBs			
2,4,5,6-Tetrachloro-m-xylene (TCX)	46-122	40-130	EPA 608/8082
Decachlorobiphenyl (DCB)	40-135	40-130	
Herbicides			
Dichloroacetic acid (DCAA)	30-150	30-150	
Gasoline Range Organics/TPH Gasoline			
Trifluorotoluene TFT (FID)	60-140	60-140	MEDEP 4217/EPA 8015
Bromofluorobenzene (BFB) (FID)	60-140	60-140	
Trifluorotoluene TFT (PID)	60-140	60-140	
Bromofluorobenzene (BFB) (PID)	60-140	60-140	
Diesel Range Organics/TPH Diesel			
m-terphenyl	60-140	60-140	MEDEP 4125/EPA 8015/CT ETPH
Volatile Petroleum Hydrocarbons			
2,5-Dibromotoluene (PID)	70-130	70-130	MADEP VPH May 2004 Rev1.1
2,5-Dibromotoluene (FID)	70-130	70-130	
Extracatable Petroleum Hydrocarbons			
1-chloro-octadecane (aliphatic)	40-140	40-140	MADEP EPH May 2004 Rev1.1
o-Terphenyl (aromatic)	40-140	40-140	
2-Fluorobiphenyl (Fractionation)	40-140	40-140	
2-Bromonaphthalene (fractionation)	40-140	40-140	

PCB
DATA SUMMARIES

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 16, 2010

SAMPLE DATA

Lab Sample ID: B081310PW
Matrix: Aqueous
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date:
Lab Receipt Date:
Extraction Date: 08/13/10
Analysis Date: 08/13/10

CLIENT SAMPLE ID

Project Name: Amistad Academy
Project Number: 223019
Field Sample ID: Lab QC

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/L	Results µg/L
PCB-1016	0.2	U
PCB-1221	0.2	U
PCB-1232	0.2	U
PCB-1242	0.2	U
PCB-1248	0.2	U
PCB-1254	0.2	U
PCB-1260	0.2	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	93	%
Decachlorobiphenyl	69	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS:

PCB Report

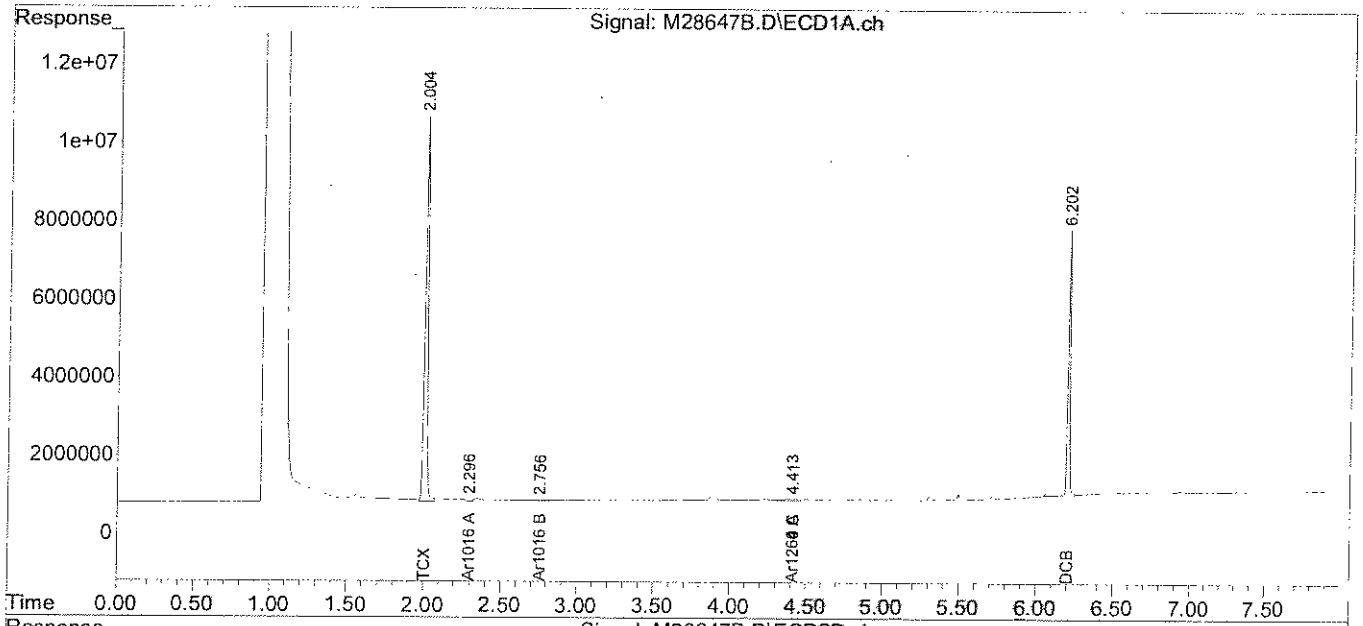
Authorized signature

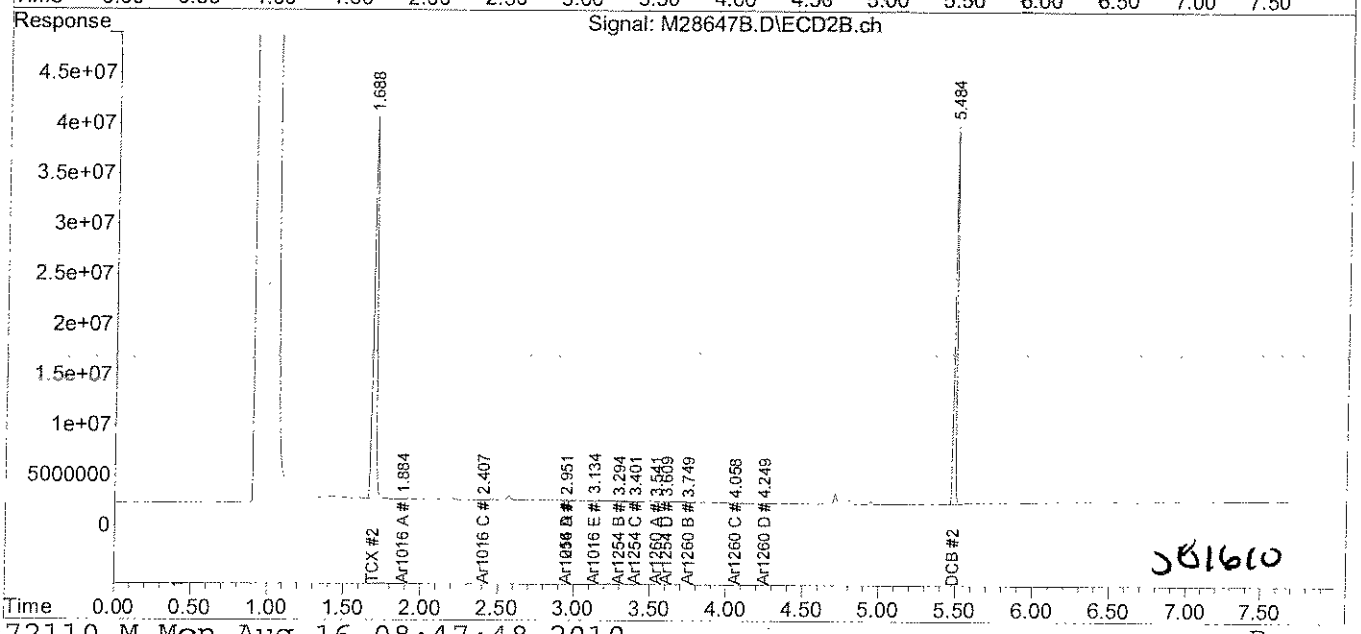
Data Path : C:\msdchem\1\DATA\081310-M\
Data File : M28647B.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Aug 2010 2:48 pm
Operator : JK
Sample : B081310PW
Misc :
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 16 08:47:47 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

JK 8.16.10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





JB 1610

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 16, 2010

SAMPLE DATA

Lab Sample ID:	B081210PSOX
Matrix:	Soil
Percent Solid:	N/A
Dilution Factor:	1.0
Collection Date:	
Lab Receipt Date:	
Extraction Date:	08/12/10
Analysis Date:	08/13/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	Lab QC

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	94	%
Decachlorobiphenyl	80	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB Report

Authorized signature

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 16, 2010

SAMPLE DATA

Lab Sample ID: B081210PSOX
Matrix: Wipe
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date:
Lab Receipt Date:
Extraction Date: 08/12/10
Analysis Date: 08/13/10

CLIENT SAMPLE ID

Project Name: Amistad Academy
Project Number: 223019
Field Sample ID: Lab QC

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/wipe	Results µg/wipe
PCB-1016	0.5	U
PCB-1221	0.5	U
PCB-1232	0.5	U
PCB-1242	0.5	U
PCB-1248	0.5	U
PCB-1254	0.5	U
PCB-1260	0.5	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	94	%
Decachlorobiphenyl	80	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS:

PCB Report

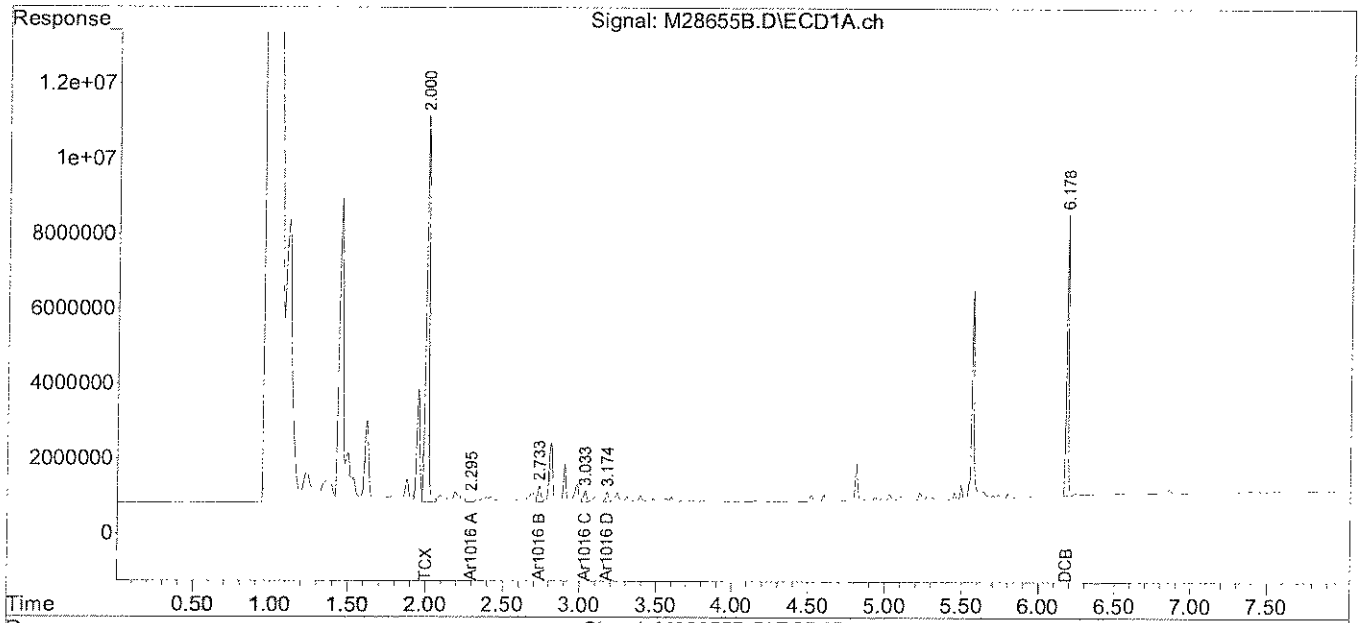
Authorized signature

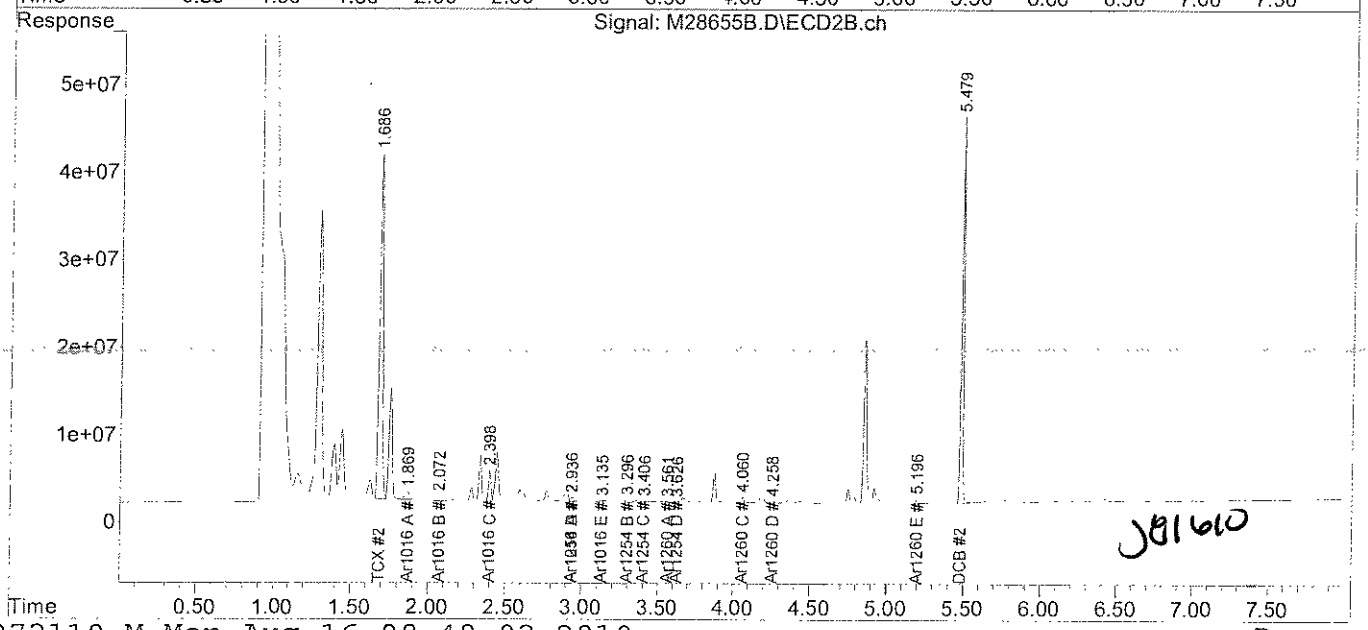
Data Path : C:\msdchem\1\DATA\081310-M\
Data File : M28655B.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Aug 2010 4:00 pm
Operator : JK
Sample : B081210PSOX,,A/C
Misc : SOIL
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 16 08:48:02 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

JW 8.16.10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





J81610

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 16, 2010

SAMPLE DATA

Lab Sample ID:	67501-3
Matrix:	Solid
Percent Solid:	99
Dilution Factor:	1.0
Collection Date:	08/11/10
Lab Receipt Date:	08/12/10
Extraction Date:	08/12/10
Analysis Date:	08/13/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-CC-046

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	**282**
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	94	%
Decachlorobiphenyl	81	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides 1
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG:
Sample: 6750I-3,,A/C
Data File: M28662.D
Dilution Factor: 1.0

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	282	279	1.I	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

PCB FORM 10

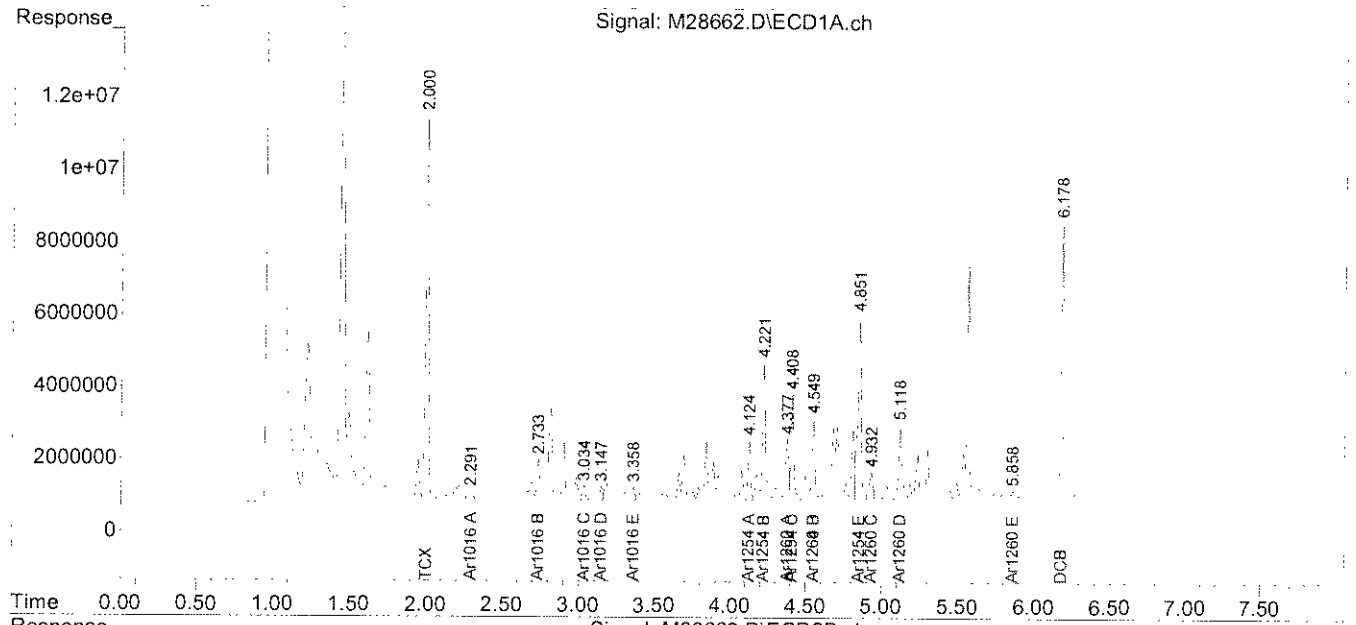
Quantitation Report (Not Reviewed)

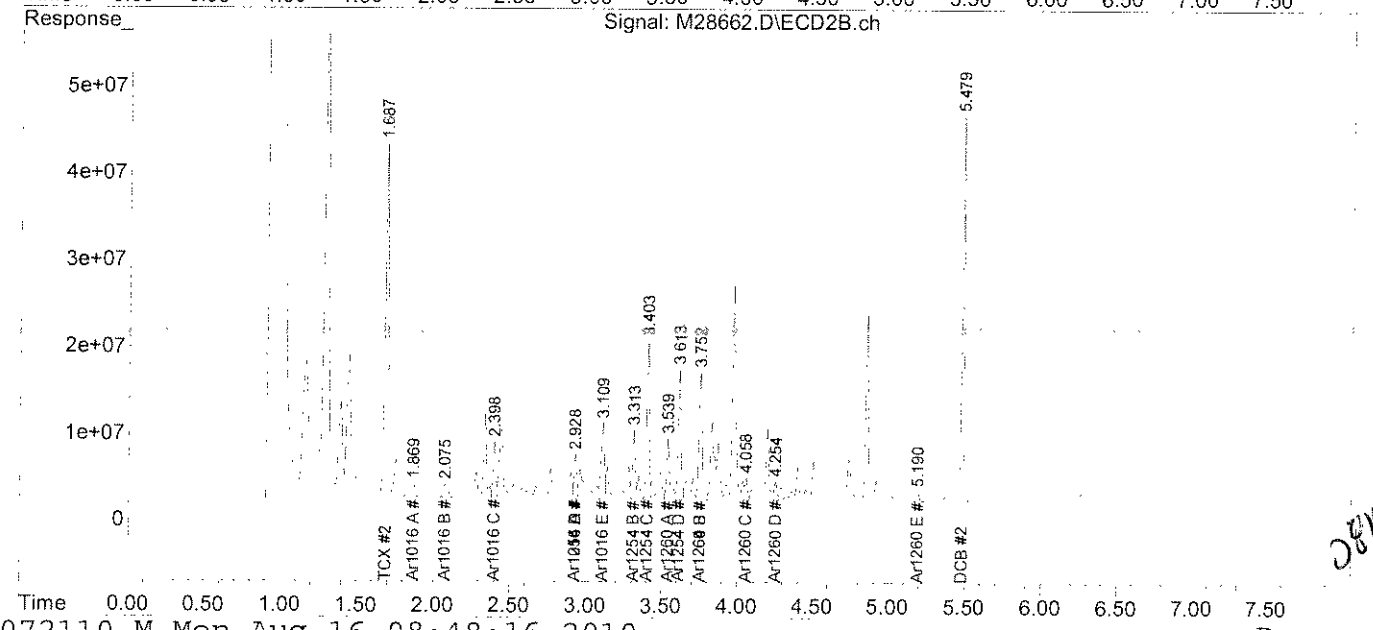
Data Path : C:\msdchem\1\DATA\081310-M\
Data File : M28662.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Aug 2010 5:11 pm
Operator : JK
Sample : 67501-3,,A/C
Misc : SOIL
ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 16 08:48:16 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

JC 8.16.10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





JC 8/16/10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 16, 2010

SAMPLE DATA

Lab Sample ID:	67501-4
Matrix:	Solid
Percent Solid:	91
Dilution Factor:	1.0
Collection Date:	08/11/10
Lab Receipt Date:	08/12/10
Extraction Date:	08/12/10
Analysis Date:	08/13/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VCC-273

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	**144**
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	107	%
Decachlorobiphenyl	97	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG:
Sample: 67501-4,,A/C
Data File: M28663.D
Dilution Factor: 1.0

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	124	144	14.6	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

PCB FORM 10

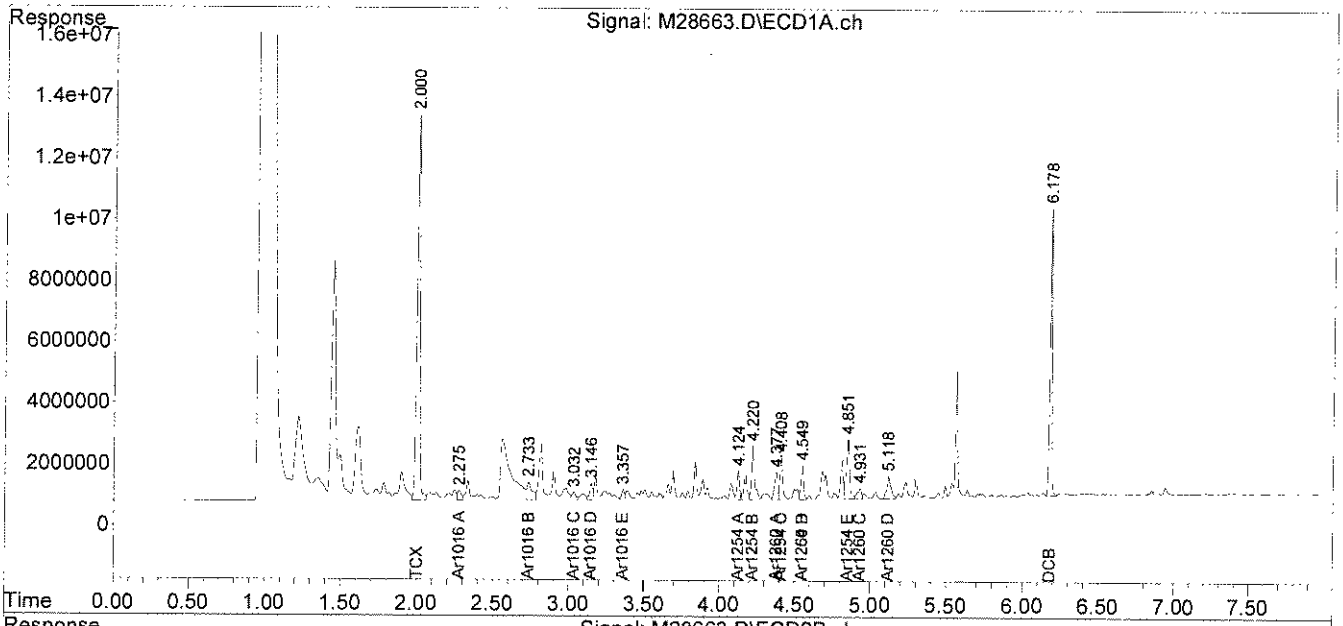
Quantitation Report (Not Reviewed)

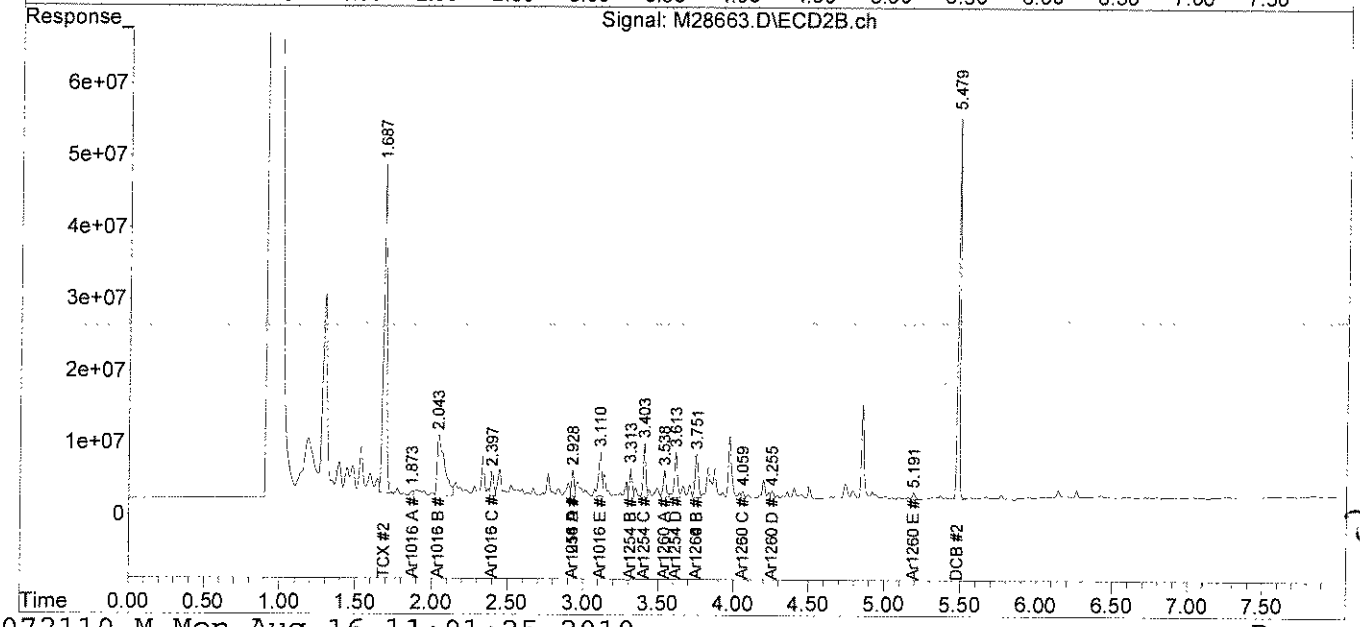
Data Path : C:\msdchem\1\DATA\081310-M\
Data File : M28663.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Aug 2010 5:22 pm
Operator : JK
Sample : 67501-4,,A/C
Misc : SOIL
ALS Vial : 19 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 16 08:48:18 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

JK 8.16.10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





JK 8/16/10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 16, 2010

SAMPLE DATA

Lab Sample ID:	67501-5
Matrix:	Solid
Percent Solid:	95
Dilution Factor:	1.0
Collection Date:	08/11/10
Lab Receipt Date:	08/12/10
Extraction Date:	08/12/10
Analysis Date:	08/13/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VCC-274

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	122	%
Decachlorobiphenyl	111	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB Report

Authorized signature

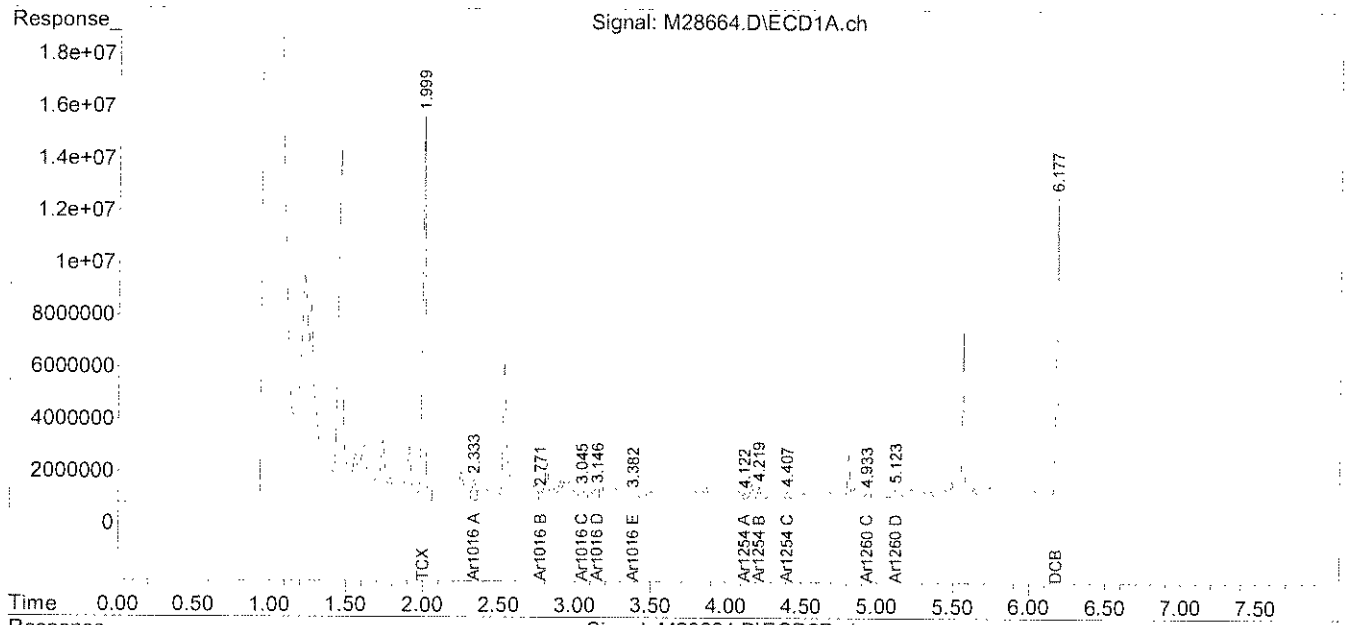
Quantitation Report (Not Reviewed)

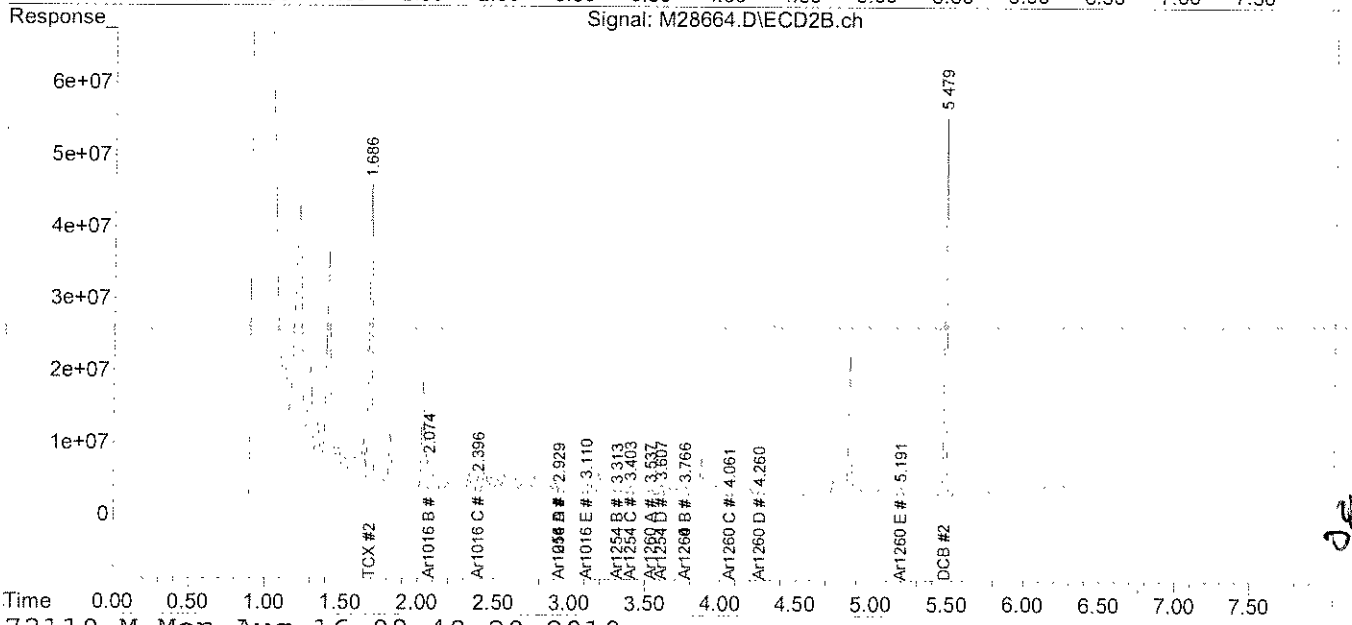
Data Path : C:\msdchem\1\DATA\081310-M\
Data File : M28664.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Aug 2010 5:32 pm
Operator : JK
Sample : 67501-5,,A/C
Misc : SOIL
ALS Vial : 20 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 16 08:48:20 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

JK 8.16.10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





DB/GC

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 16, 2010

SAMPLE DATA

Lab Sample ID: 67501-6
Matrix: Wipe
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date: 08/11/10
Lab Receipt Date: 08/12/10
Extraction Date: 08/12/10
Analysis Date: 08/13/10

CLIENT SAMPLE ID

Project Name: Amistad Academy
Project Number: 223019
Field Sample ID: AA-VWP-275

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/wipe	Results µg/wipe
PCB-1016	0.5	U
PCB-1221	0.5	U
PCB-1232	0.5	U
PCB-1242	0.5	U
PCB-1248	0.5	U
PCB-1254	0.5	U
PCB-1260	0.5	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	88	%
Decachlorobiphenyl	78	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS:

PCB Report

Authorized signature

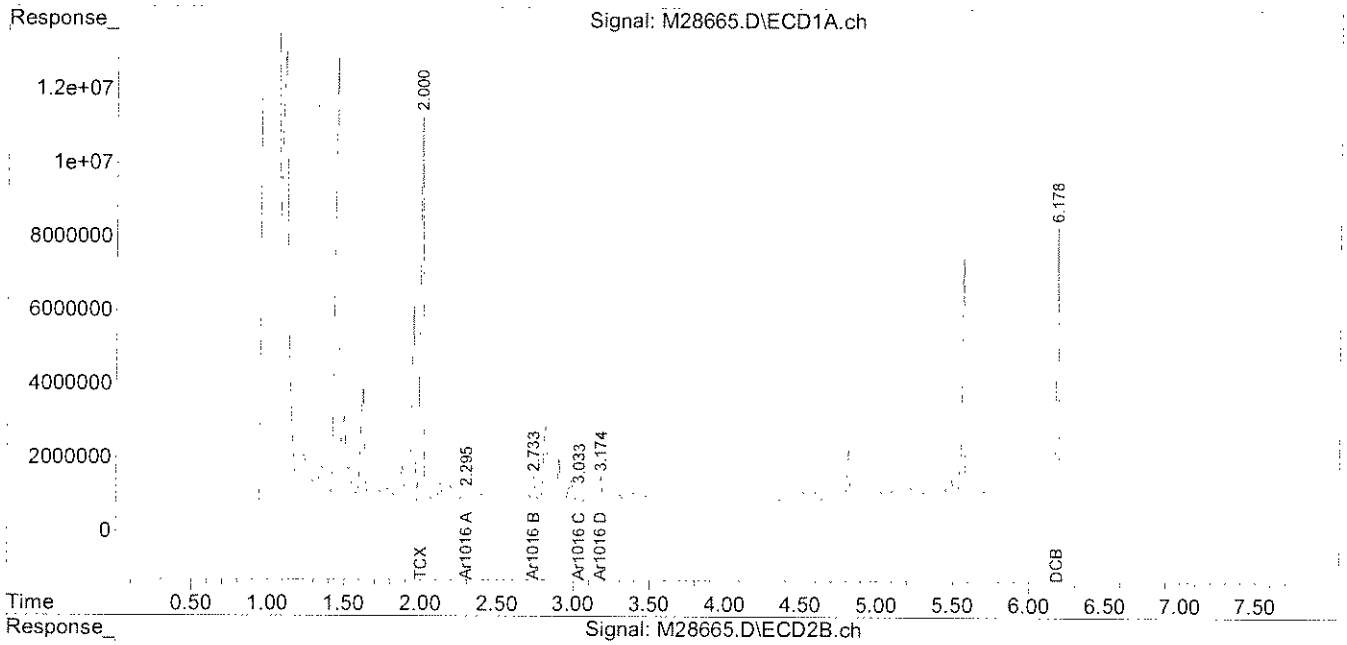
Quantitation Report (Not Reviewed)

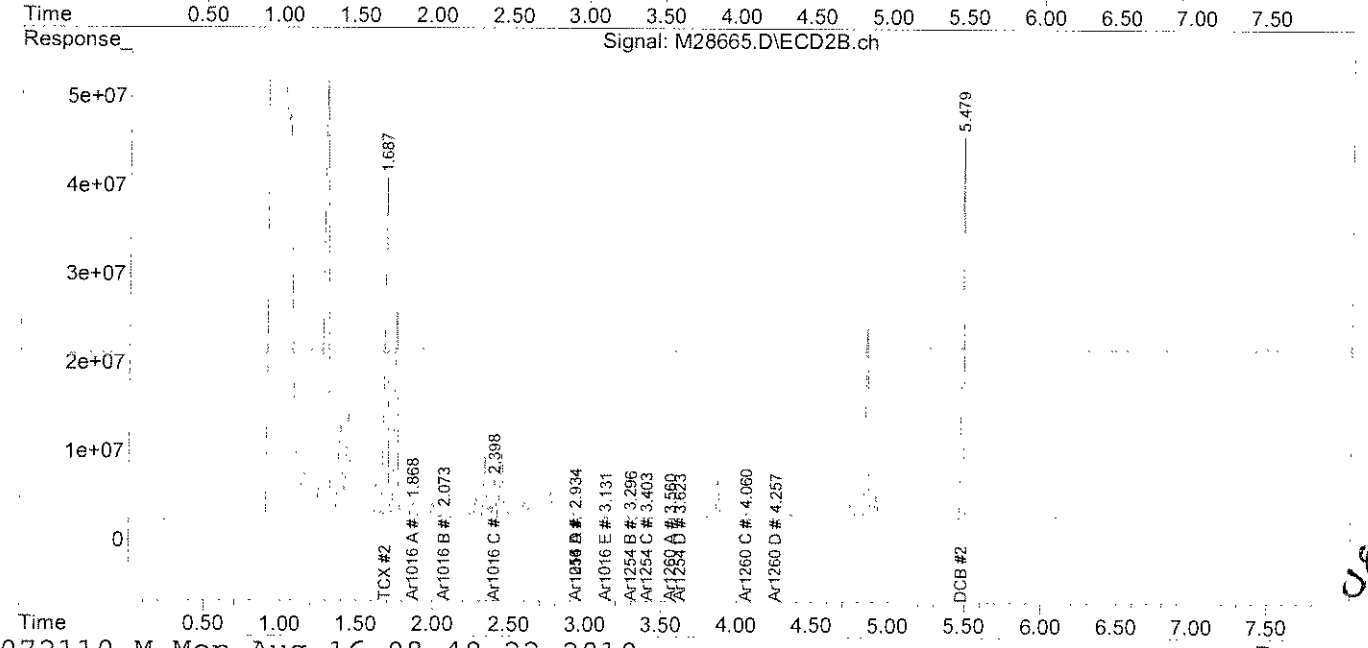
Data Path : C:\msdchem\1\DATA\081310-M\
Data File : M28665.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Aug 2010 5:42 pm
Operator : JK
Sample : 67501-6,,A/C
Misc : SOIL
ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 16 08:48:22 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

JK 8.16.10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





JK 8/16/10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 16, 2010

SAMPLE DATA

Lab Sample ID:	67501-7
Matrix:	Wipe
Percent Solid:	N/A
Dilution Factor:	1.0
Collection Date:	08/11/10
Lab Receipt Date:	08/12/10
Extraction Date:	08/12/10
Analysis Date:	08/13/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VWP-276

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/wipe	Results µg/wipe
PCB-1016	0.5	U
PCB-1221	0.5	U
PCB-1232	0.5	U
PCB-1242	0.5	U
PCB-1248	0.5	U
PCB-1254	0.5	U
PCB-1260	0.5	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	94	%
Decachlorobiphenyl	77	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS:

PCB Report

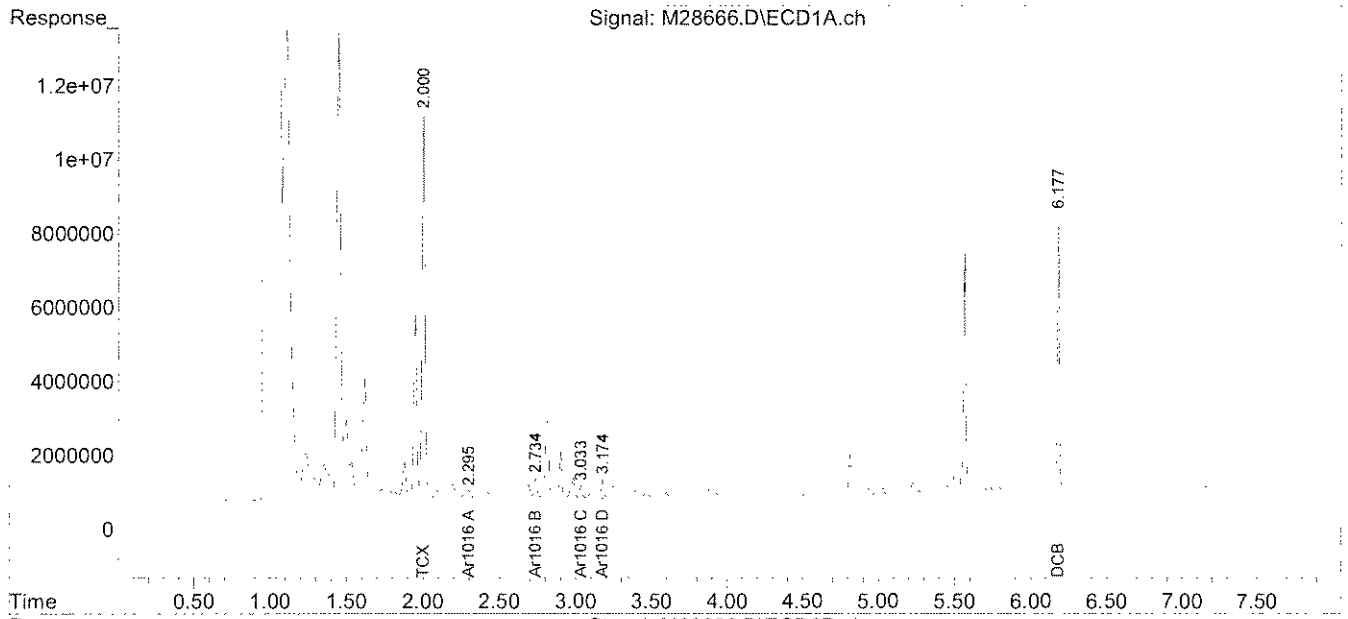
Authorized signature

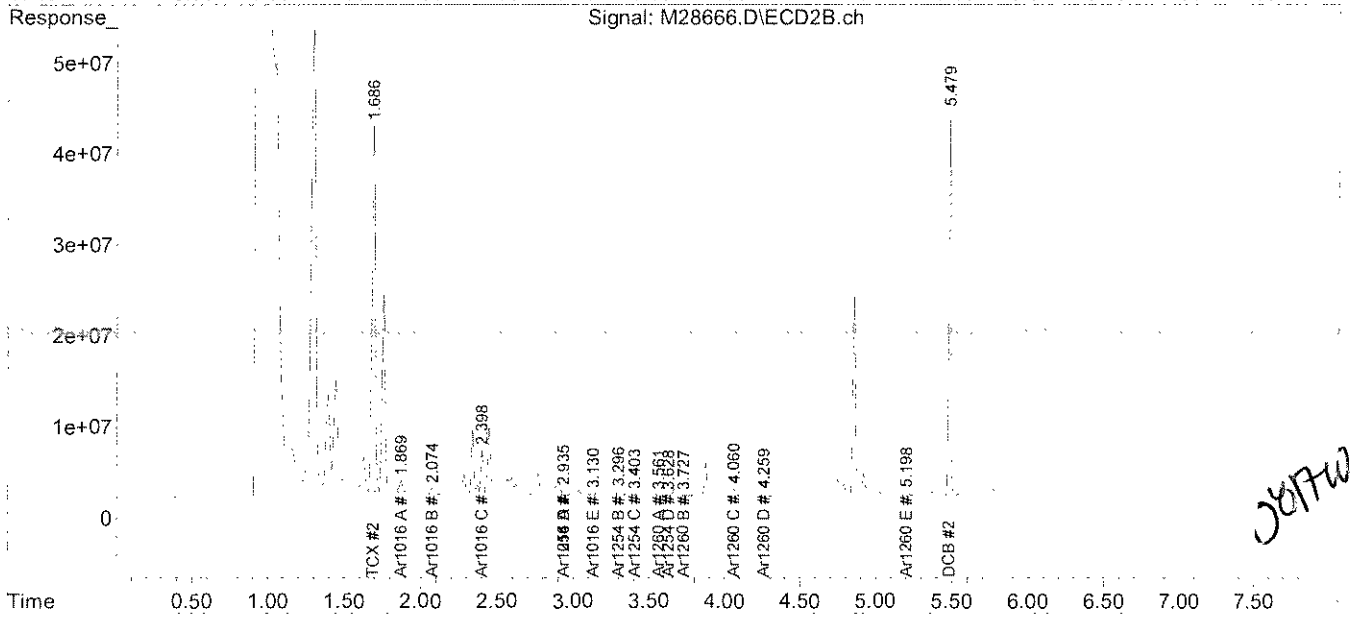
Data Path : C:\msdchem\1\DATA\081310-M\
Data File : M28666.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Aug 2010 5:52 pm
Operator : JK
Sample : 67501-7,,A/C
Misc : SOIL
ALS Vial : 22 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 16 08:48:24 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

JK 8.16.10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





JK 8/17/10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 16, 2010

SAMPLE DATA

Lab Sample ID:	67501-8
Matrix:	Wipe
Percent Solid:	N/A
Dilution Factor:	1.0
Collection Date:	08/11/10
Lab Receipt Date:	08/12/10
Extraction Date:	08/12/10
Analysis Date:	08/13/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VWP-277

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/wipe	Results µg/wipe
PCB-1016	0.5	U
PCB-1221	0.5	U
PCB-1232	0.5	U
PCB-1242	0.5	U
PCB-1248	0.5	U
PCB-1254	0.5	U
PCB-1260	0.5	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	94	%
Decachlorobiphenyl	80	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS:

PCB Report

Authorized signature

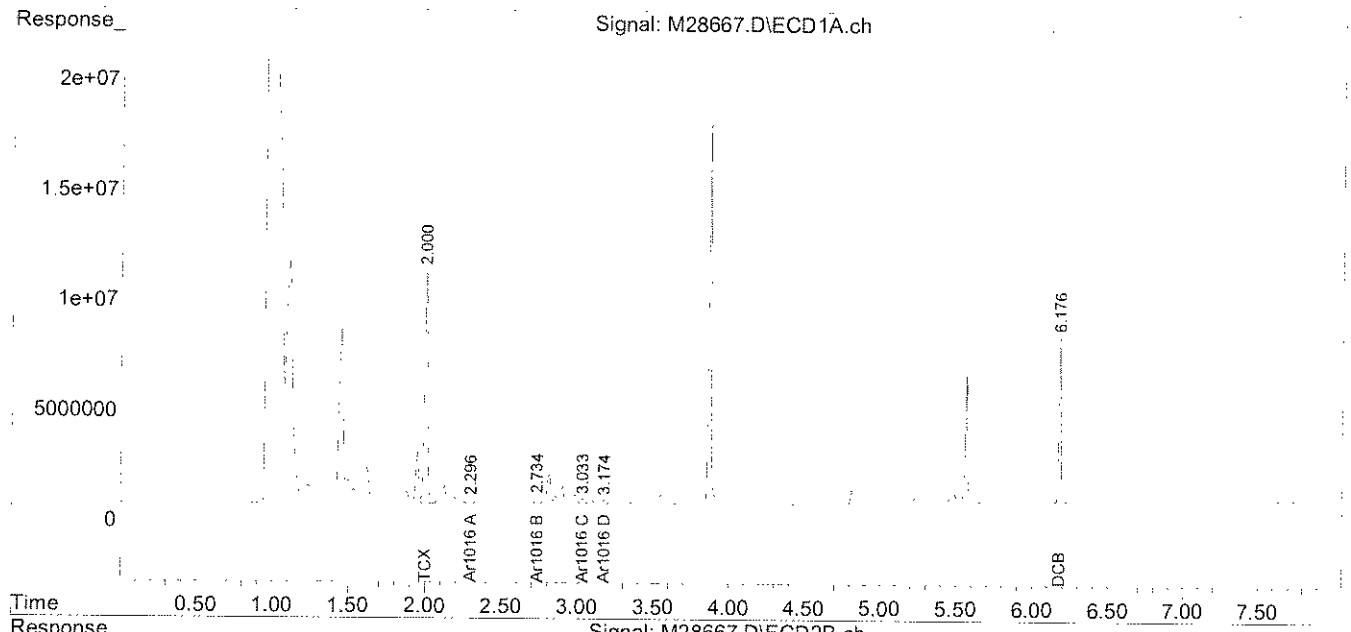
Quantitation Report (Not Reviewed)

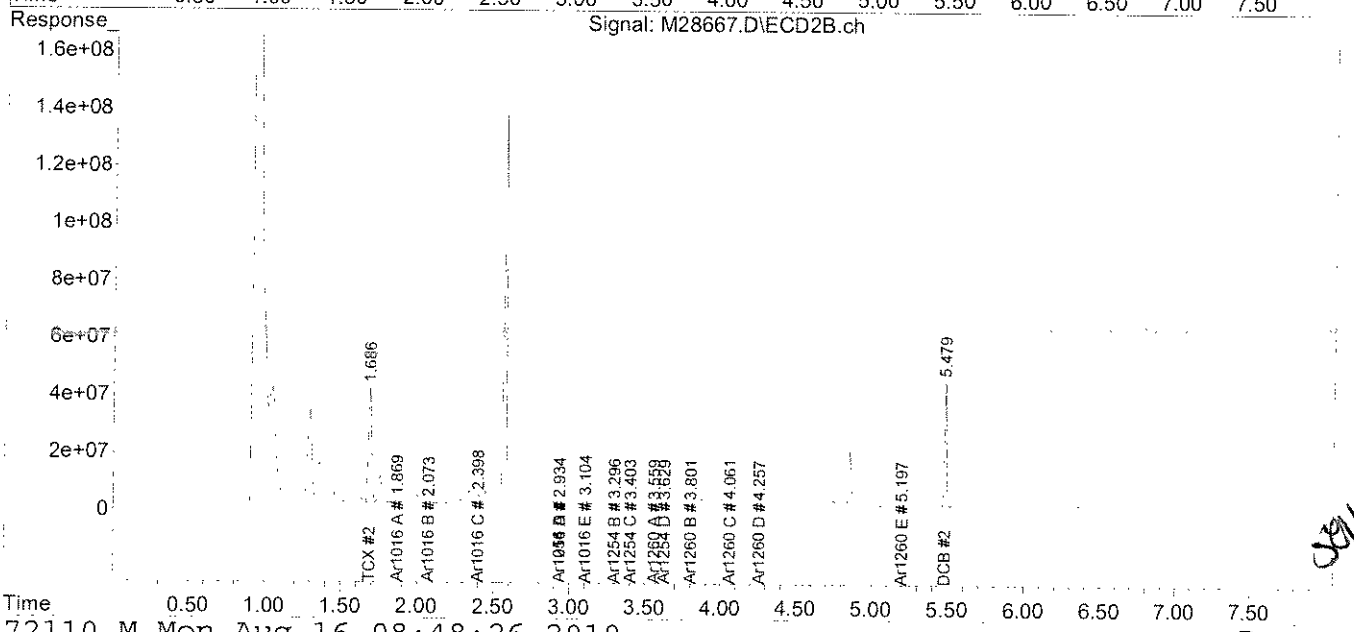
Data Path : C:\msdchem\1\DATA\081310-M\
Data File : M28667.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Aug 2010 6:03 pm
Operator : JK
Sample : 67501-8,,A/C
Misc : SOIL
ALS Vial : 23 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 16 08:48:26 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

JK 8.16.10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 16, 2010

SAMPLE DATA

Lab Sample ID:	67501-9
Matrix:	Wipe
Percent Solid:	N/A
Dilution Factor:	1.0
Collection Date:	08/11/10
Lab Receipt Date:	08/12/10
Extraction Date:	08/12/10
Analysis Date:	08/13/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VWP-278

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit μg/wipe	Results μg/wipe
PCB-1016	0.5	U
PCB-1221	0.5	U
PCB-1232	0.5	U
PCB-1242	0.5	U
PCB-1248	0.5	U
PCB-1254	0.5	U
PCB-1260	0.5	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	93	%
Decachlorobiphenyl	79	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS:

PCB Report

Authorized signature

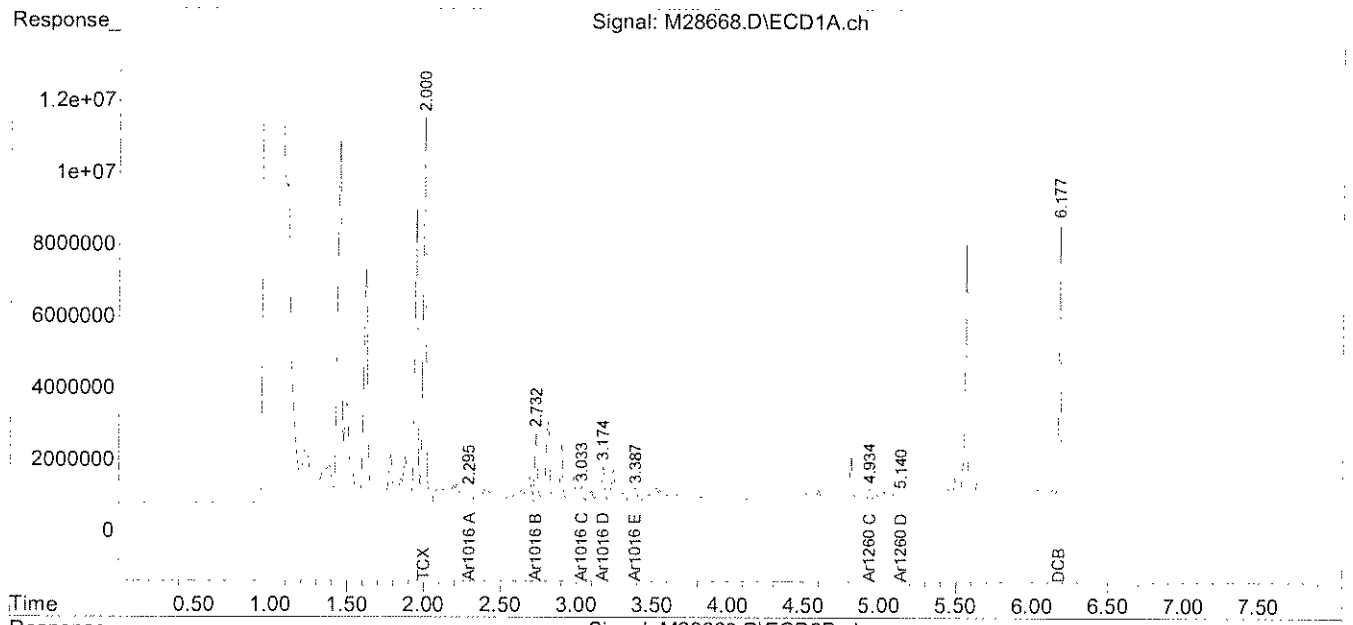
Quantitation Report (Not Reviewed)

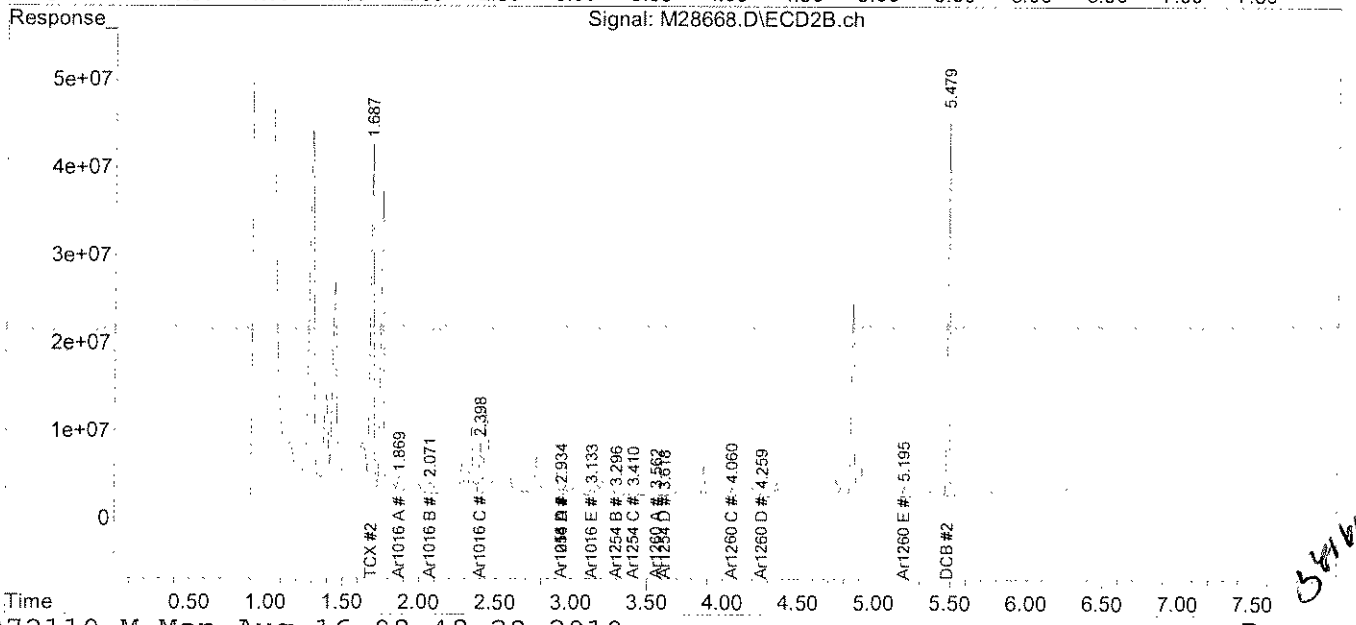
Data Path : C:\msdchem\1\DATA\081310-M\
Data File : M28668.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Aug 2010 6:13 pm
Operator : JK
Sample : 67501-9,,A/C
Misc : SOIL
ALS Vial : 24 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 16 08:48:28 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

JK 8.16.10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





5/8/10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 16, 2010

SAMPLE DATA

Lab Sample ID:	67501-10
Matrix:	Wipe
Percent Solid:	N/A
Dilution Factor:	1.0
Collection Date:	08/11/10
Lab Receipt Date:	08/12/10
Extraction Date:	08/12/10
Analysis Date:	08/13/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VWP-579

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/wipe	Results µg/wipe
PCB-1016	0.5	U
PCB-1221	0.5	U
PCB-1232	0.5	U
PCB-1242	0.5	U
PCB-1248	0.5	U
PCB-1254	0.5	U
PCB-1260	0.5	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	92	%
Decachlorobiphenyl	77	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS:

PCB Report

Authorized signature

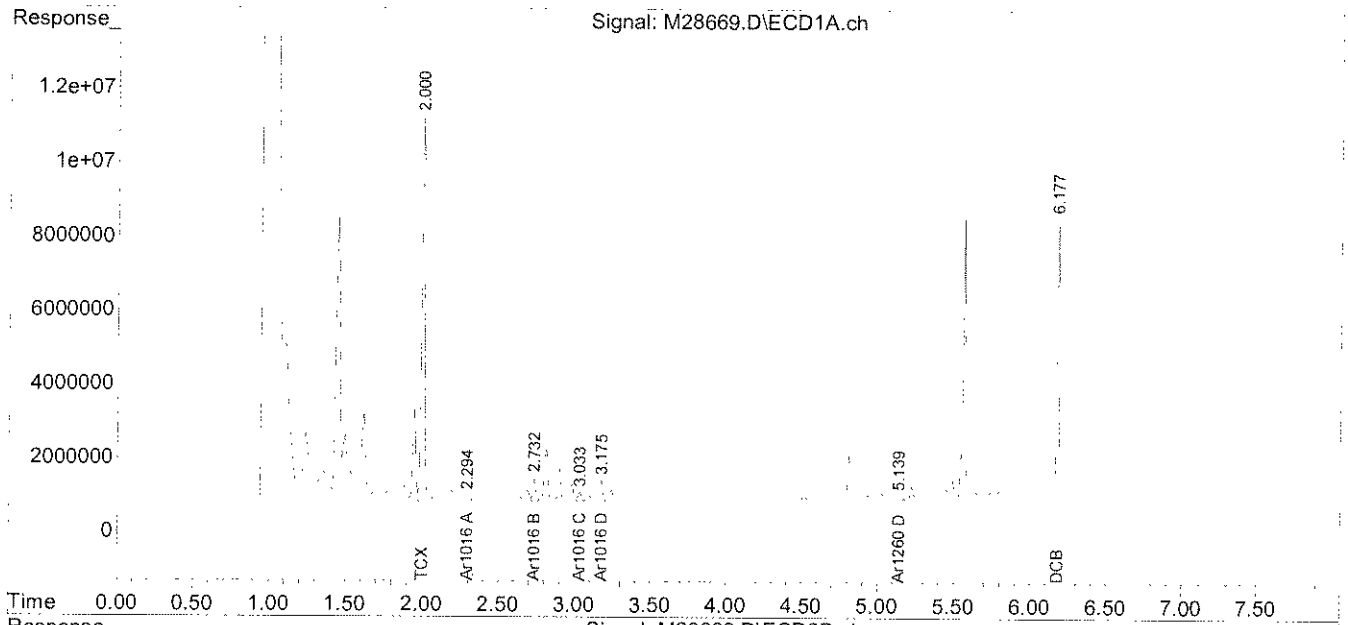
Quantitation Report (Not Reviewed)

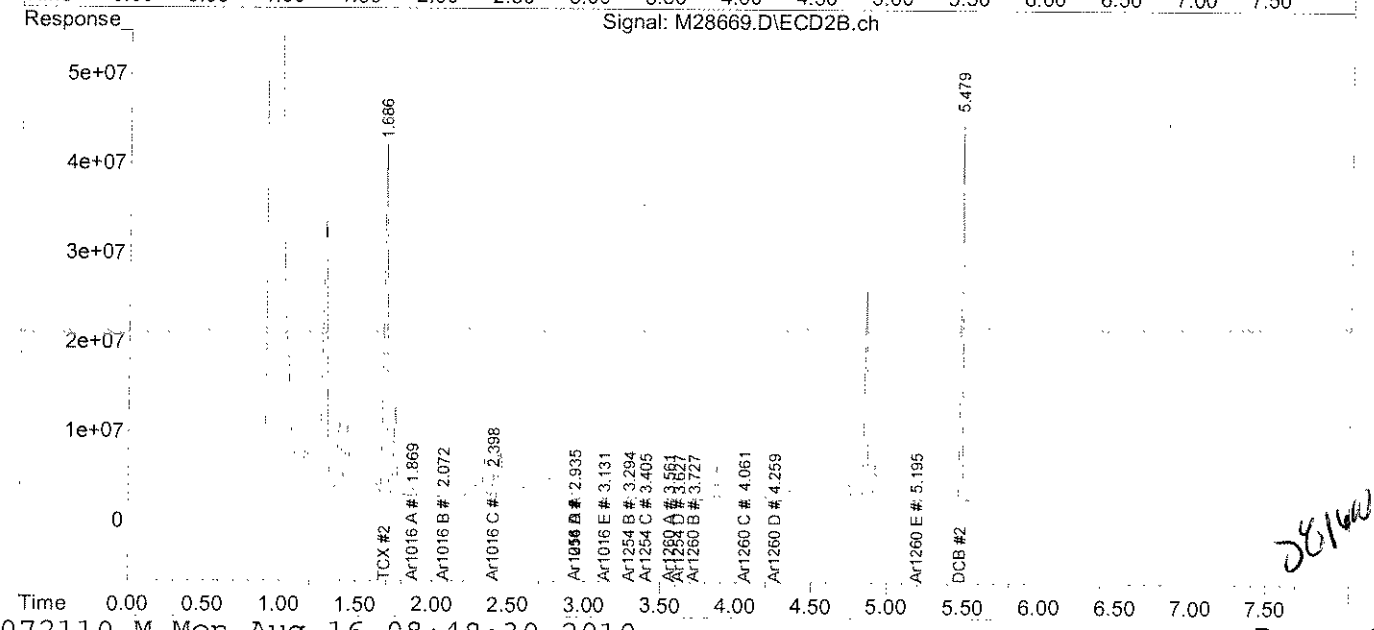
Data Path : C:\msdchem\1\DATA\081310-M\
Data File : M28669.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Aug 2010 6:23 pm
Operator : JK
Sample : 67501-10,,A/C
Misc : SOIL
ALS Vial : 25 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 16 08:48:30 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

JK 8.16.10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





JK 8/16/10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 16, 2010

SAMPLE DATA

Lab Sample ID:	67501-11
Matrix:	Aqueous
Percent Solid:	N/A
Dilution Factor:	1.0
Collection Date:	08/11/10
Lab Receipt Date:	08/12/10
Extraction Date:	08/13/10
Analysis Date:	08/13/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VWP-Q-280

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/L	Results µg/L
PCB-1016	0.2	U
PCB-1221	0.2	U
PCB-1232	0.2	U
PCB-1242	0.2	U
PCB-1248	0.2	U
PCB-1254	0.2	U
PCB-1260	0.2	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	90	%
Decachlorobiphenyl	74	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS:

PCB Report

Authorized signature

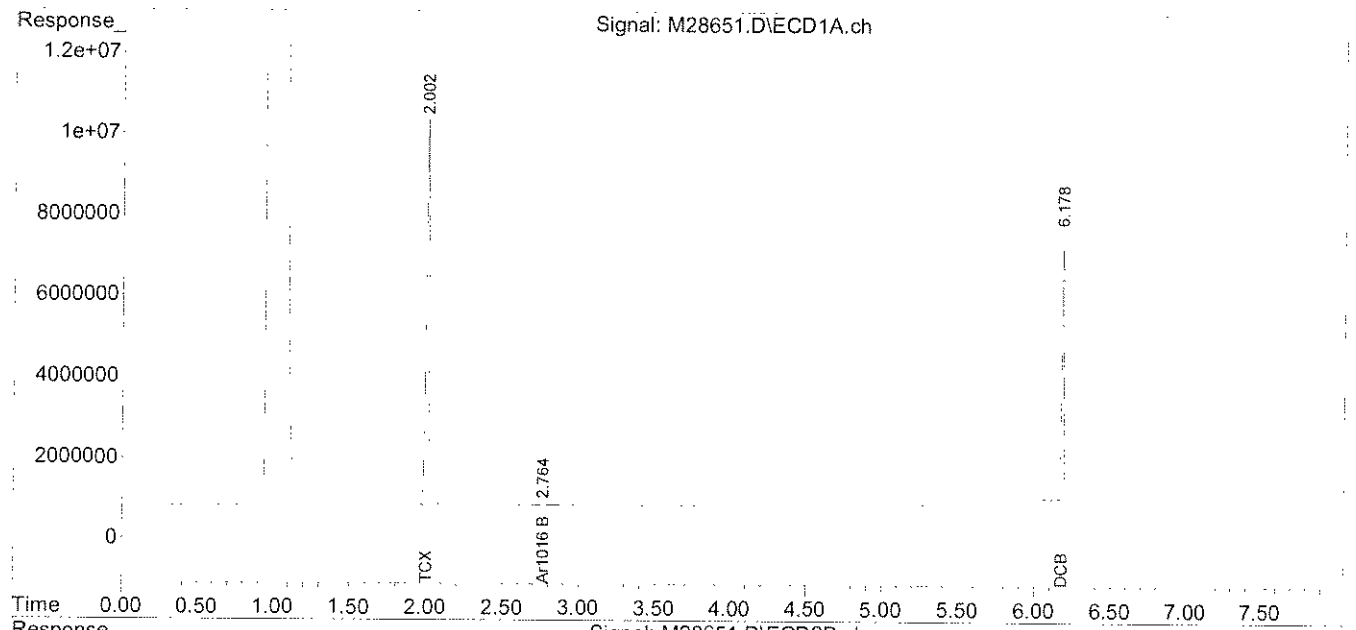
Quantitation Report (Not Reviewed)

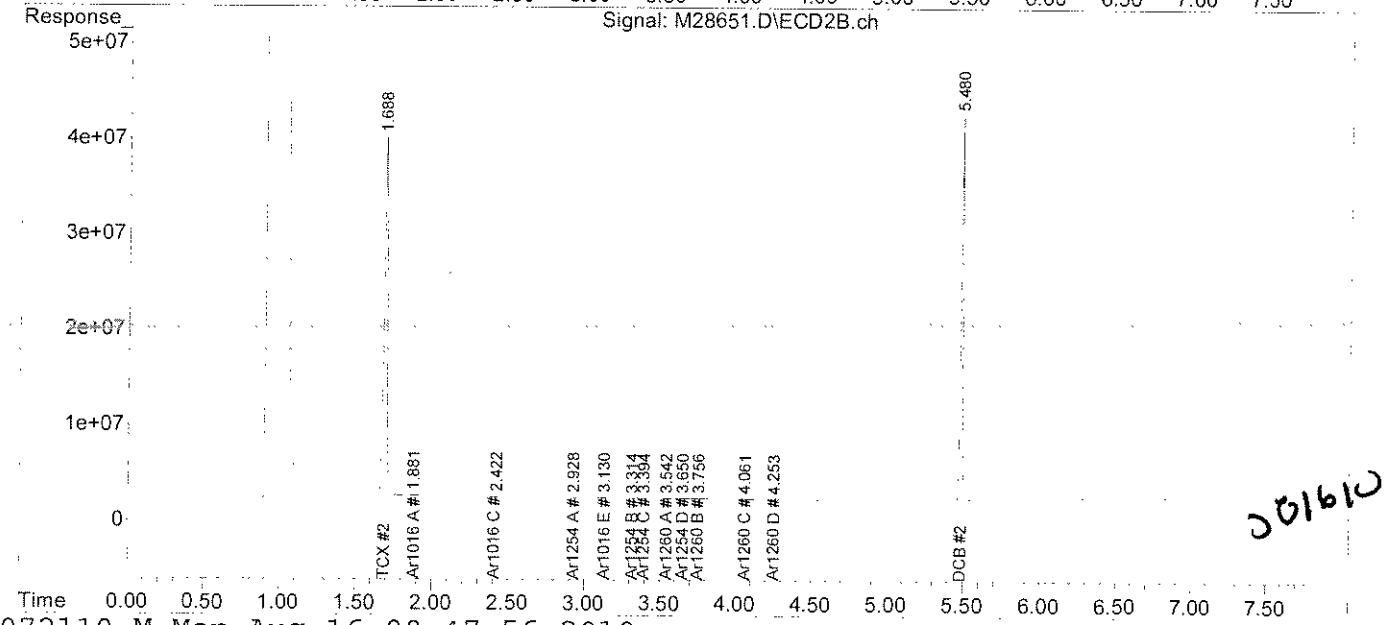
Data Path : C:\msdchem\1\DATA\081310-M\
Data File : M28651.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Aug 2010 3:29 pm
Operator : JK
Sample : 67501-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 16 08:47:56 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

JK 8-16-10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





JD 16-10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 16, 2010

SAMPLE DATA

Lab Sample ID:	67501-12
Matrix:	Solid
Percent Solid:	100
Dilution Factor:	1.0
Collection Date:	08/11/10
Lab Receipt Date:	08/12/10
Extraction Date:	08/12/10
Analysis Date:	08/13/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VBS-281

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	93	%
Decachlorobiphenyl	78	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB Report

Authorized signature

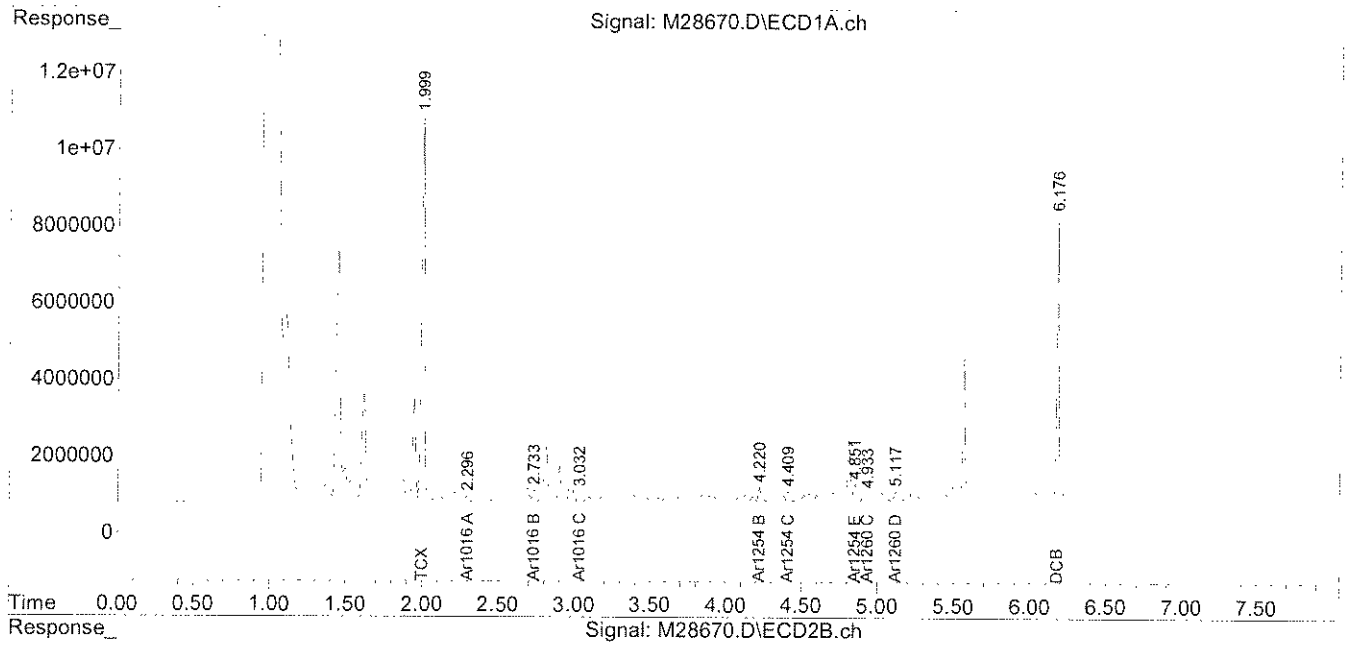
Quantitation Report (Not Reviewed)

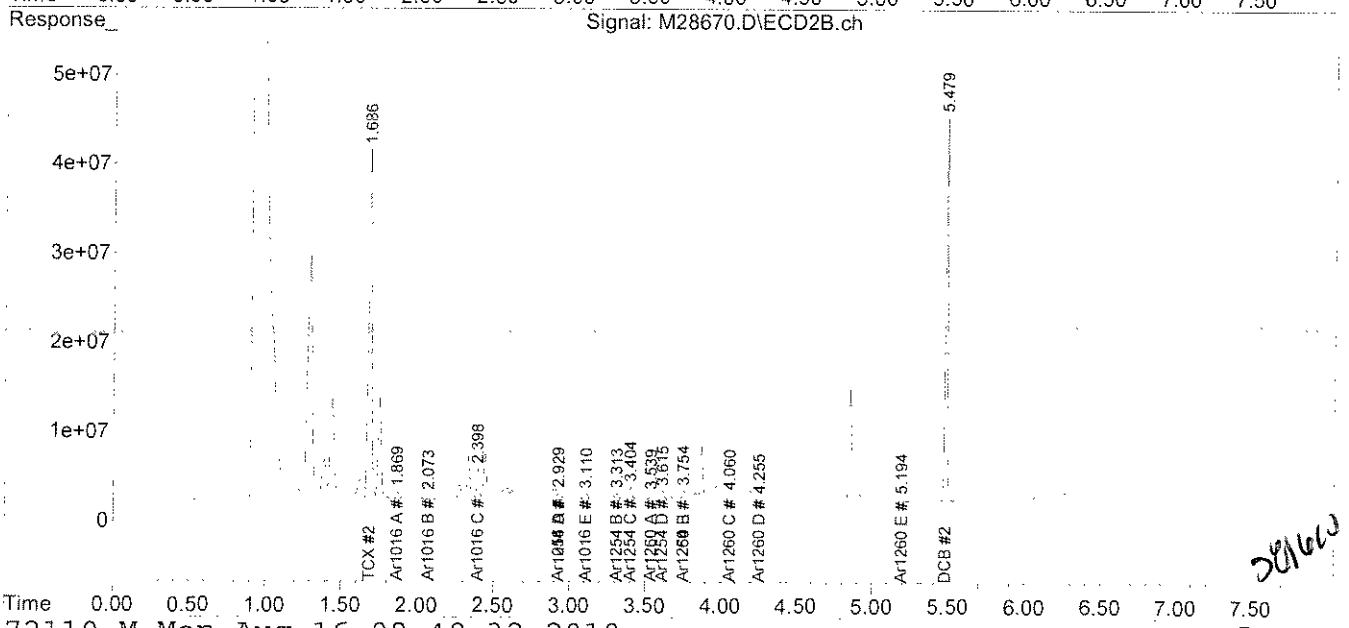
Data Path : C:\msdchem\1\DATA\081310-M\
Data File : M28670.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Aug 2010 6:33 pm
Operator : JK
Sample : 67501-12,,A/C
Misc : SOIL
ALS Vial : 26 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 16 08:48:32 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

JL 8.16.10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





3/8/10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 16, 2010

SAMPLE DATA

Lab Sample ID:	67501-13
Matrix:	Solid
Percent Solid:	99
Dilution Factor:	1.0
Collection Date:	08/11/10
Lab Receipt Date:	08/12/10
Extraction Date:	08/12/10
Analysis Date:	08/13/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VBS-282

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	89	%
Decachlorobiphenyl	79	%

U=Undetected I=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

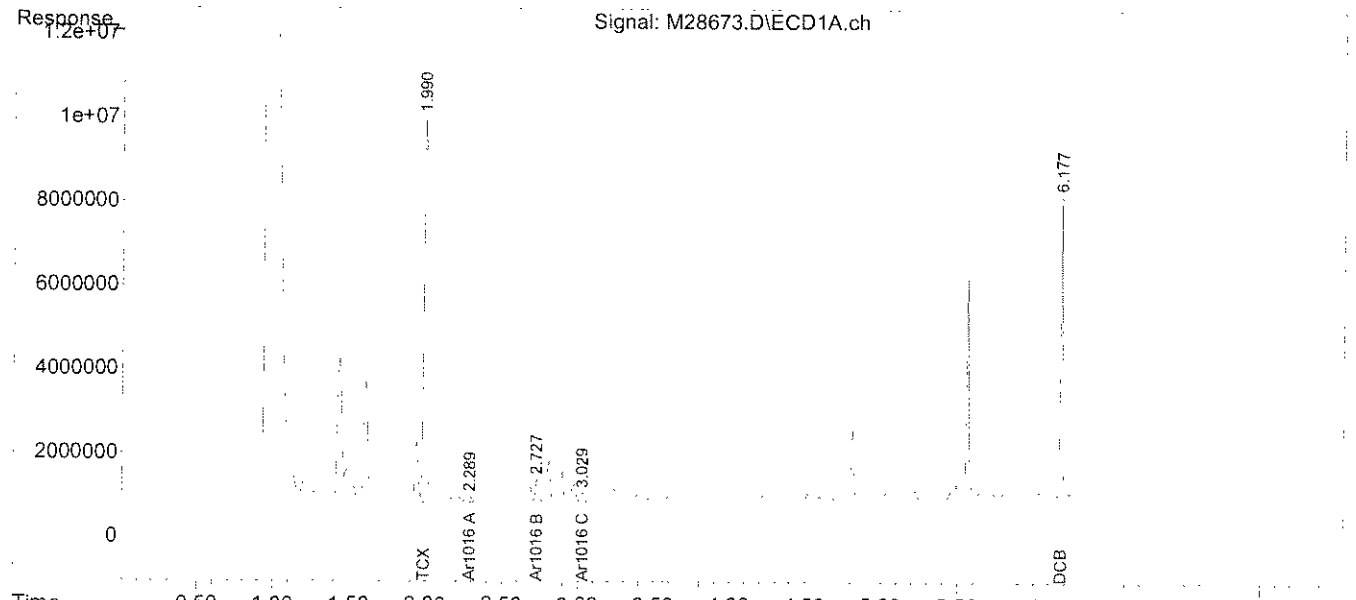
Quantitation Report (Not Reviewed)

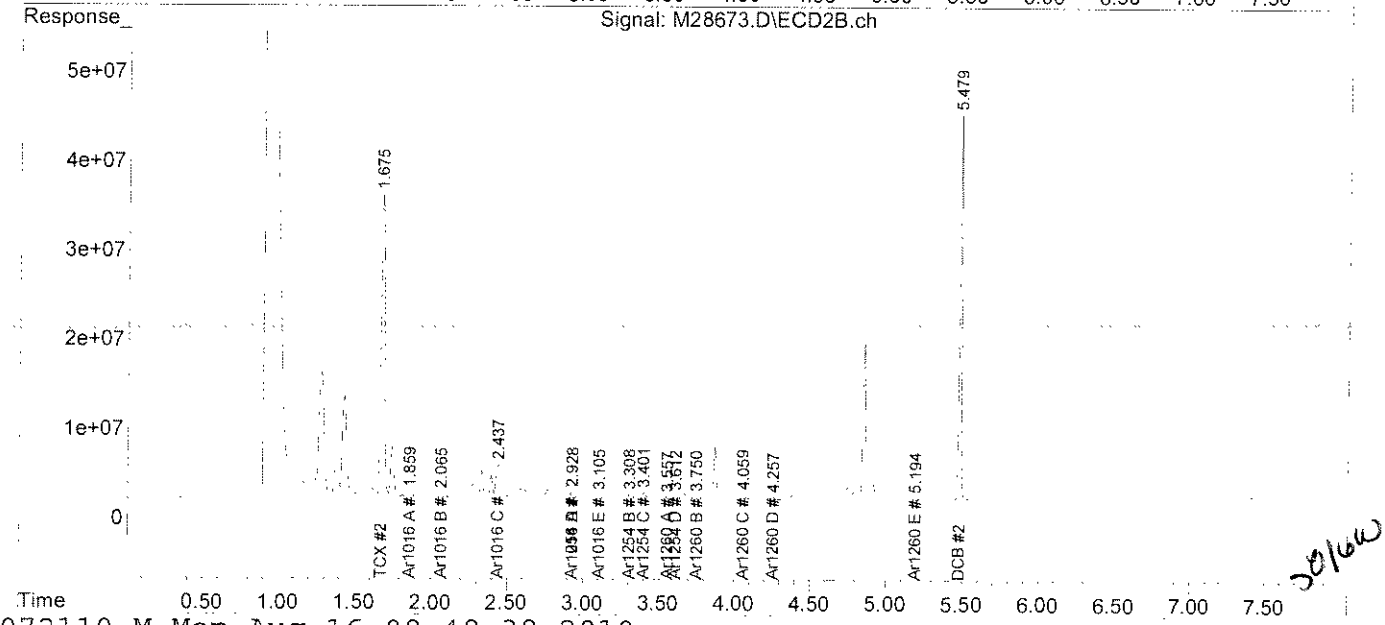
Data Path : C:\msdchem\1\DATA\081310-M\
Data File : M28673.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Aug 2010 7:04 pm
Operator : JK
Sample : 67501-13,,A/C
Misc : SOIL
ALS Vial : 29 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 16 08:48:38 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

JK 8-16-10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





JC/6W

PCB
QC FORMS

PCB AQUEOUS
SYSTEM MONITORING COMPOUNDS
SUMMARY

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG:

	Column #1				Column #2			
SAMPLE ID	SMC 1 (%)	#	SMC 2 (%)	#	SMC 1 (%)	#	SMC 2 (%)	#
B081310PW	82		64		93		69	
L081310PWB	76		69		87		78	
LD081310PWB	78		68		88		80	
67501-11	78		62		90		74	

		Lower Limit	Upper Limit
SMC #1 =	TCX	46	122
SMC #2 =	DCB	40	135

Column to be used to flag recovery values outside of QC limits
* Values outside QC limits
D System Monitoring Compound diluted out

PCB SOIL
SYSTEM MONITORING COMPOUNDS
SUMMARY

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG:

	Column #1				Column #2			
SAMPLE ID	SMC 1 (%)	#	SMC 2 (%)	#	SMC 1 (%)	#	SMC 2 (%)	#
B081210PSOX,,A/C	86		73		94		80	
L081210PSOX,,A/C	86		73		93		80	
LD081210PSOX,,A/C	86		74		91		73	
L081210PSOXW,,A/C	91		73		95		73	
LD081210PSOXW,,A/C	86		74		94		77	
67501-1,,A/C	82		70		90		76	
67501-2,,A/C	74		65		75		67	
67501-3,,A/C	87		75		94		81	
67501-4,,A/C	104		90		107		97	
67501-5,,A/C	122		111		92		99	
67501-6,,A/C	87		72		88		78	
67501-7,,A/C	87		71		94		77	
67501-8,,A/C	87		72		94		80	
67501-9,,A/C	91		74		93		79	
67501-10,,A/C	86		72		92		77	
67501-12,,A/C	84		71		93		78	
67501-12,MS,,A/C	84		73		91		77	
67501-12,MSD,,A/C	86		75		94		83	
67501-13,,A/C	81		70		89		79	

		Lower Limit	Upper Limit
SMC #1 =	TCX	40	130
SMC #2 =	DCB	40	130

\# Column to be used to flag recovery values outside of QC limits
* Values outside QC limits
D System Monitoring Compound diluted out

PCB AQUEOUS
LABORATORY CONTROL SAMPLE/DUPLICATE
PERCENT RECOVERY

Instrument ID: M

GC Column #1: STX-CLPesticides I

Column ID: 0.25 mm

GC Column #2: STX-CLPesticides II

Column ID: 0.25 mm

SDG:

Non-spiked sample: B081310PW

Spike: L081310PWB

Spike duplicate: LD081310PWB

COMPOUND	LCS SPIKE ADDED (ug/L)	LCSD SPIKE ADDED (ug/L)	LOWER LIMIT	UPPER LIMIT	RPD LIMIT	NON-SPIKE RESULT (ug/L)	SPIKE RESULT (ug/L)	SPIKE % REC	#	SPIKE DUP RESULT (ug/L)	SPIKE DUP % REC	#	RPD	#
PCB 1016	2	2	79	113	25	0	2	88		2	114	*	26.3	*
PCB 1260	2	2	58	115	25	0	2	88		2	91		3.0	
PCB 1016 #2	2	2	81	112	25	0	2	103		2	108		4.8	
PCB 1260 #2	2	2	54	123	25	0	2	101		2	105		4.2	

Column to be used to flag recovery and RPD values outside of QC limits

* Values outside QC limits

LCS/LCSD spike added values have been weight adjusted.

Non-spike result of "0" used in place of "U" to allow calculation of spike recovery.

Comments: _____

_____

PCB SOIL
LABORATORY CONTROL SAMPLE/DUPLICATE
PERCENT RECOVERY

Instrument ID: M

GC Column #1: STX-CLPesticides I

Column ID: 0.25 mm

GC Column #2: STX-CLPesticides II

Column ID: 0.25 mm

SDG:

Non-spiked sample: B081210PSOX,,A/C

Spike: L081210PSOX,,A/C

Spike duplicate: LD081210PSOX,,A/C

COMPOUND	LCS SPIKE ADDED (ug/kg)	LCSD SPIKE ADDED (ug/kg)	LOWER LIMIT	UPPER LIMIT	RPD LIMIT	NON-SPIKE RESULT (ug/kg)	SPIKE RESULT (ug/kg)	SPIKE % REC	#	SPIKE DUP RESULT (ug/kg)	SPIKE DUP % REC	#	RPD	#
PCB 1016	200	200	65	140	30	0	212	106		196	98		8.2	
PCB 1260	200	200	60	130	30	0	188	94		191	96		1.5	
PCB 1016 #2	200	200	65	140	30	0	240	120		238	119		0.8	
PCB 1260 #2	200	200	60	130	30	0	207	103		213	106		2.7	

Column to be used to flag recovery and RPD values outside of QC limits

* Values outside QC limits

LCS/LCSD spike added values have been weight adjusted.

Non-spike result of "0" used in place of "U" to allow calculation of spike recovery.

Comments: _____

_____

PCB WIPE
LABORATORY CONTROL SAMPLE/DUPLICATE
PERCENT RECOVERY

Instrument ID: M

GC Column #1: STX-CLPesticides I

Column ID: 0.25 mm

GC Column #2: STX-CLPesticides II

Column ID: 0.25 mm

SDG:

Non-spiked sample: B081210PSOX,,A/C

Spike: L081210PSOXW,,A/C

Spike duplicate: LD081210PSOXW,,A/C

COMPOUND	LCS SPIKE ADDED (ug/wipe)	LCSD SPIKE ADDED (ug/wipe)	LOWER LIMIT	UPPER LIMIT	RPD LIMIT	NON-SPIKE RESULT (ug/wipe)	SPIKE RESULT (ug/wipe)	SPIKE % REC	#	SPIKE DUP RESULT (ug/wipe)	SPIKE DUP % REC	#	RPD	#
PCB 1016	2	2	65	140	30	0	2	105		2	90		15.4	
PCB 1260	2	2	60	130	30	0	2	103		2	98		4.7	
PCB 1016 #2	2	2	65	140	30	0	3	151	*	3	127		17.3	
PCB 1260 #2	2	2	60	130	30	0	2	115		2	106		8.0	

Column to be used to flag recovery and RPD values outside of QC limits

* Values outside QC limits

LCS/LCSD spike added values have been weight adjusted.

Non-spike result of "0" used in place of "U" to allow calculation of spike recovery.

Comments: _____

_____

PCB SOIL
LABORATORY CONTROL SAMPLE/DUPLICATE
PERCENT RECOVERY

Instrument ID: M

GC Column #1: STX-CLPesticides 1

Column ID: 0.25 mm

GC Column #2: STX-CLPesticides 1l

Column ID: 0.25 mm

SDG:

Non-spiked sample: 67501-12,,A/C

Spike: 67501-12,MS,,A/C

Spike duplicate: 67501-12,MSD,,A/C

COMPOUND	LCS SPIKE ADDED (ug/kg)	LCSD SPIKE ADDED (ug/kg)	LOWER LIMIT	UPPER LIMIT	RPD LIMIT	NON-SPIKE RESULT (ug/kg)	SPIKE RESULT (ug/kg)	SPIKE % REC	#	SPIKE DUP RESULT (ug/kg)	SPIKE DUP % REC	#	RPD	#
PCB 1016	200	198	65	140	30	0	193	97		277	140	*	36.6	*
PCB 1260	200	198	60	130	30	0	195	98		202	102		4.5	
PCB 1016 #2	200	198	65	140	30	0	247	123		249	126		2.1	
PCB 1260 #2	200	198	60	130	30	0	215	107		216	109		1.9	

Column to be used to flag recovery and RPD values outside of QC limits

* Values outside QC limits

LCS/LCSD spike added values have been weight adjusted.

Non-spike result of "0" used in place of "U" to allow calculation of spike recovery.

Comments: _____

_____

CHAIN OF CUSTODIES

Chain Of Custody Form

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, NH 03801
Phone (603) 436-5111
Fax (603) 430-2151

For Analytics Use Only Rev. 5 06/18/08

Samples were:
1) Shipped or hand-delivered
2) Temp blank °C 2.9°
3) Received in good condition Y or N
4) pH checked by: [signature] 08/12/10
5) Labels checked by: JSB 8/12/10

Project#: 223019 Proj. Name: AMISTAD ACADEMY
Company: Woodard & Curran
Contact: G. FRANKLIN / J. HAMEL
Address: 35 New England Business Center Suite 180
Andover, MA 01810
Phone: (978)557-8150 PO# Quote # WCI03051001
Sampler (Signature): [signature]

Matrix Key:
C = Concrete
WP = Wipe
WW = Wastewater
SW = Surface Water
GW = Groundwater
DW = Drinking Water
S = Soil/Sludge
O = Oil
E = Extract

D=LAB DI

Preservation: HEXANE

Container Key: P=plastic G=glass

Station Identification	Sample Date	Sample Time	Analysis	Unpres	4° C	HNO_3	H_2SO_4	HCL	Methanol	Other	Matrix	Container number/type		pH	Analytics Sample #
* ~~AA-CC-044~~	~~8/11/10~~	~~0635~~	~~PCB's by U.S.~~		✓						C	1	G		~~67501-1~~
* ~~AA-CC-045~~		~~0645~~	~~EPA 8082 w/~~		✓						~~C~~	~~1~~	~~G~~		~~2~~
AA-CC-046		0715	Soxhlet		✓						C	1	G		3
AA-VCC-273		0720	Extraction		✓						C	1	G		4
AA-VCC-274		0730			✓						C	1	G		5
AA-VWP-275		0940								✓	W	1	G		6
AA-VWP-276		1020								✓	W	1	G		7
AA-VWP-277		1025								✓	W	1	G		8
AA-VWP-278		1030								✓	W	1	G		9
AA-VWP-579		1035								✓	W	1	G		10
AA-VWP-Q280		1045			✓						D	1	G	6	11

Email Results to: gfranklin@..., jhamel@... jream@...

Turnaround Time (TAT)
- [ ] 24hr*
- [x] 48hr*
- [ ] 72hr*
- [ ] 5 Days*
- [ ] 10 Days

*Fee may apply; lab approval required

Comments / Instructions:

R.L. ≤1.0 mg/kg.

1A 081210 SAMPLES FOR AMBER LITRE WERE (-) FOR CL WHEN MEASURED WITH KI PAPER

CHAIN DID NOT AGREE WITH LABEL FOR SAMPLE AA-VWP-579

SPOKE WITH JESS REAM 081210 10:15
HE SAID CHAIN WAS CORRECT
ICA 08/12/10

Project Requirements:
*Fee may apply

Report Type:
- [ ] MCP*
- [x] Level II*
- [ ] CTRCP*
- [ ] Level III*
- [ ] DOD*
- [ ] Level IV*
- [ ] Standard

State:
- [ ] NH
- [ ] MA
- [ ] ME
- [x] CT
- [ ] RI

Other:

State Standard: (eg. S-1 or GW-1)

EDD Required: Y* N

Type: .xls

Received By: Fed Ex — Time: — Date: 8/11/10
Received By: Casey Pay — Time: 930 — Date: 8/12/10
Received By: [signature] — Time: — Date:
Relinquished By Sampler: [signature] — Relinquished By: Fed Ex
Relinquished By:

Page 1 of 2

*Samples Canceled by George Franklin
JSB 8/13/10 Do Not run

Analytics\AEL Documents\AEL COC

Chain Of Custody Form

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, NH 03801
Phone (603) 436-5111
Fax (603) 430-2151

For Analytics Use Only Rev. 5 06/18/08

Samples were:
1) Shipped or hand-delivered
2) Temp blank °C 2.9°
3) Received in good condition Y or N
4) pH checked by: A 08/12/10
5) Labels checked by: JSB 8/12/10

Project#: 223019 Proj. Name: AMISTAD ACADEMY
Company: Woodard & Curran
Contact: G. FRANKLIN / J. HAMEL
Address: 35 New England Business Center Suite 180
Andover, MA 01810
Phone: (978)557-8150 PO# Quote # WCI03051001
Sampler (Signature): Jesse Appy R

Matrix Key:
C = Concrete
WP = Wipe
WW = Wastewater
SW = Surface Water
GW = Groundwater
DW = Drinking Water
S = Soil/Sludge
O = Oil
E = Extract B=Brick

Container Key
P=plastic G=glass

Preservation

Station Identification	Sample Date	Sample Time	Analysis	Unpres	4° C	HNO_3	H_2SO_4	HCL	Methanol	Other	Matrix	Container number/type		pH	Analytics Sample #
AA-VBS-281	8/11/10	1050	PCB's by U.S.		✓						B	1	G		67501-12
AA-VBS-282	↓	1055	EPA. 8082 w/ Soxhlet Extraction		✓						B	1	G		-13

JSB 8/12/10

Email Results to: gfranklin@.., jhamel@.. jream@..

Comments / Instructions: R.L. ≤1.0 mg/kg.

Turnaround Time (TAT)
- [ ] 24hr*
- [x] 48hr*
- [ ] 72hr*
- [ ] 5 Days*
- [ ] 10 Days

*Fee may apply; lab approval required

Project Requirements:
*Fee may apply

Report Type:
- [ ] MCP*
- [x] Level II*
- [ ] CTRCP*
- [ ] Level III*
- [ ] DOD*
- [ ] Level IV*
- [ ] Standard

State:
- [ ] NH
- [ ] MA
- [ ] ME
- [x] CT
- [ ] RI
- Other:

State Standard: (eg. S-1 or GW-1)

EDD Required: Y N

Type: x/s

Relinquished By Sampler:	Relinquished By:	Relinquished By:
Jesse Appy R	Fed Ex	
Date: 8/11/10	Date: 8/12/10	Date:
Time:	Time: 930	Time:
Received By: Fed Ex	Received By: Casey Fryer	Received By: CP 8/12/10

Analytics\AEL Documents\AEL COC

Page 2 of 2

ANALYTICS SAMPLE RECEIPT CHECKLIST

analytics environmental laboratory LLC

AEL LAB#: 67501 COOLER NUMBER: N/A

CLIENT: WOODARD & CURRAN NUMBER OF COOLERS: 1

PROJECT: AMISTAD ACADEMY DATE RECEIVED: 081210

A: PRELIMINARY EXAMINATION: DATE COOLER OPENED: 081210

1. Cooler received by(initials): Q Date Received: 081210

2. Circle one: Hand delivered (If so, skip 3) Shipped

3. Did cooler come with a shipping slip? Y N

3a. Enter carrier name and airbill number here: FEDEX 7938 1252 9884

4. Were custody seals on the outside of cooler? Y N
How many & where: N/A Seal Date: N/A Seal Name: N/A

5. Did the custody seals arrive unbroken and intact upon arrival? Y N/A

6. COC#: N/A

7. Were Custody papers filled out properly (ink,signed, etc)? ~~Y~~ CP 8/13/10 N No relinquish time written on COC by sampler

8. Were custody papers sealed in a plastic bag? Y N

9. Did you sign the COC in the appropriate place? Y N

10. Was the project identifiable from the COC papers? Y N

11. Was enough ice used to chill the cooler? Y N Temp. of cooler: 2.9°

B. Log-In: Date samples were logged in: 081210 By: Q

12. Type of packing in cooler(bubble wrap, popcorn) Y N

13. Were all bottles sealed in separate plastic bags? Y N

14. Did all bottles arrive unbroken and were labels in good condition? Y N

15. Were all bottle labels complete(ID,Date,time,etc.) Y N

16. Did all bottle labels agree with custody papers? Y N CHAIN DID NOT AGRE WITH LABEL FOR SAMPL AA-VWP-579. SPOKE WITH JESS REA HE SAID CHAIN WAS CORRECT

17. Were the correct containers used for the tests indicated: Y N

18. Were samples received at the correct pH? Y N

19. Was sufficient amount of sample sent for the tests indicated? Y N

20. Were bubbles absent in VOA samples? Y N/A

If NO, List Sample ID's and Lab #s:

21. Laboratory labeling verified by (initials): JBS Date: 8/12/10

From: Origin ID: BNHA (203) 271-0379
Jesse Ream
WOODARD & CURRAN INC
1520 HIGHLAND AVENUE

CHESHIRE, CT 06410

FedEx Express

E

J10201005250225

Ship Date: 11AUG10
ActWgt: 30.0 LB
CAD: 2185050/INET3060

Delivery Address Bar Code

SHIP TO: (603) 436-5111 BILL SENDER

Analytics Enviro Labs, LLC
Analytics Enviro Labs, LLC
195 COMMERCE WAY UNIT E

PORTSMOUTH, NH 03801

Ref # 223019.00
Invoice #
PO #
Dept #

TRK# 0201 7938 1252 9884

THU - 12 AUG A2
PRIORITY OVERNIGHT

03801
NH-US
MHT

03 IGGA

508C4/33D6/9A24

After printing this label:
1. Use the 'Print' button on this page to print your label to your laser or inkjet printer.
2. Fold the printed page along the horizontal line.
3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

Warning: Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com.FedEx will not be responsible for any claim in excess of $100 per package, whether the result of loss, damage, delay, non-delivery,misdelivery,or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim.Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic valueof the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental,consequential, or special is limited to the greater of $100 or the authorized declared value. Recovery cannot exceed actual documented loss.Maximum for items of extraordinary value is $500, e.g. jewelry, precious metals, negotiable instruments and other items listed in our ServiceGuide. Written claims must be filed within strict time limits, see current FedEx Service Guide.

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

August 23, 2010

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

RE: Analytical Results Case Narrative
Analytics # 67520
AMISTAD ACADEMY

Dear Mr. Franklin;

Enclosed please find the analytical results for samples submitted for the above-mentioned project. The attached Cover Page lists the sample IDs, Lab tracking numbers and collection dates for the samples included in this deliverable.

Samples were analyzed Polychlorinated Biphenyls (PCBs) by EPA Method 8082.

Unless otherwise noted in the Non-conformance Summary listed below, all of the quality control (QC) criteria including initial calibration, calibration verification, surrogate recovery, holding time and method accuracy/precision for these analyses were within acceptable limits.

This Level II data package has been assembled in the following order:

Case Narrative/Non-Conformance Summary
Sample Log Sheet - Cover Page
PCB Form 1 Data Sheet for Samples and Blanks
Chromatograms
PCB Form 10 Confirmation Results
PCB Form 3 MS/MSD (LCS) Recoveries
Chain of Custody (COC) Forms

QC NON-CONFORMANCE SUMMARY

Sample Receipt:
No exceptions.

PCBs by EPA Method 8082:
No results were reported below the quantitation limit.

If you have any questions on these results, please do not hesitate to contact me.

Sincerely,
ANALYTICS Environmental Laboratory, LLC

Stephen L. Knollmeyer
Laboratory Director

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

Report Number: 67520

Revision: Rev. 0

Re: Amistad Academy (Project No: 223019)

Enclosed are the results of the analyses on your sample(s). Samples were received on 14 August 2010 and analyzed for the tests listed. Samples were received in acceptable condition, with the exceptions noted below or on the chain of custody. These results pertain to samples as received by the laboratory and for the analytical tests requested on the chain of custody. The results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report. Please see individual reports for specific methodologies and references.

Sample Analysis: The attached pages detail the Client Sample IDs, Lab Sample IDs, and Analyses requested

Sample Receipt Exceptions: None

Analytics Environmental Laboratory is certified by the states of New Hampshire, Maine, Massachusetts, Connecticut, Rhode Island, Virginia, Maryland, and is accredited by the Deparment of Defense (DOD) ELAP program. A list of actual certified parameters is available upon request.

If you have any questions on these results, please do not hesitate to contact us.

Authorized signature _____
Stephen L. Knollmeyer Lab. Director

Date 8/19/2010

This report shall not be reproduced, except in full, without the written consent of Analytics Environmental Laboratory, LLC.

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

CLIENT: Woodard & Curran **REPORT NUMBER: 67520** **REV: Rev. 0**

PROJECT: Amistad Academy (Project No: 223019)

Lab Number	Sample Date	Station Location	Analysis	Comments
67520-1	08/13/10	AA-CC-047	EPA 8082 (PCBs only)	
67520-2	08/13/10	AA-VSS-282	EPA 8082 (PCBs only)	
67520-3	08/13/10	AA-VSS-283	EPA 8082 (PCBs only)	
67520-4	08/13/10	AA-VSS-284	EPA 8082 (PCBs only)	
67520-5	08/13/10	AA-VSS-285	EPA 8082 (PCBs only)	
67520-6	08/13/10	AA-VSS-286	EPA 8082 (PCBs only)	
67520-7	08/13/10	AA-VSS-287	EPA 8082 (PCBs only)	
67520-8	08/13/10	AA-VSS-288	EPA 8082 (PCBs only)	
67520-9	08/13/10	AA-VSS-289	EPA 8082 (PCBs only)	
67520-10	08/13/10	AA-VSS-290	EPA 8082 (PCBs only)	
67520-11	08/13/10	AA-VSS-291	EPA 8082 (PCBs only)	
67520-12	08/13/10	AA-VSS-292	EPA 8082 (PCBs only)	
67520-13	08/13/10	AA-VSS-293	Electronic Data Deliverable	
	08/13/10	AA-VSS-293	EPA 8082 (PCBs only)	

Surrogate Compound Limits

Matrix:	Aqueous	Solid	
Units:	% Recovery	% Recovery	Method
Volatile Organic Compounds - Drinking Water			
1,4-Difluorobenzene	70-130		EPA 524.2
Bromofluorobenzene	70-130		
1,2-Dichlorobenzene-d4	70-130		
Volatile Organic Compounds			
1,2-Dichloroethane-d4	70-120	70-120	EPA 624/8260B
Toluene-d8	85-120	85-120	
Bromofluorobenzene	75-120	75-120	
Semi-Volatile Organic Compounds			
2-Fluorophenol	20-110	35-105	EPA 625/8270C
d5-Phenol	15-110	40-100	
d5-nitrobenzene	40-110	35-100	
2-Fluorobiphenyl	50-110	45-105	
2,4,6-Tribromophenol	40-110	40-125	
d14-p-terphenyl	50-130	30-125	
PAH's by SIM			
d5-nitrobenzene	21-110	35-110	EPA 8270C
2-Fluorobiphenyl	36-121	45-105	
d14-p-terphenyl	33-141	30-125	
Pesticides and PCBs			
2,4,5,6-Tetrachloro-m-xylene (TCX)	46-122	40-130	EPA 608/8082
Decachlorobiphenyl (DCB)	40-135	40-130	
Herbicides			
Dichloroacetic acid (DCAA)	30-150	30-150	
Gasoline Range Organics/TPH Gasoline			
Trifluorotoluene TFT (FID)	60-140	60-140	MEDEP 4217/EPA 8015
Bromofluorobenzene (BFB) (FID)	60-140	60-140	
Trifluorotoluene TFT (PID)	60-140	60-140	
Bromofluorobenzene (BFB) (PID)	60-140	60-140	
Diesel Range Organics/TPH Diesel			
m-terphenyl	60-140	60-140	MEDEP 4125/EPA 8015/CT ETPH
Volatile Petroleum Hydrocarbons			
2,5-Dibromotoluene (PID)	70-130	70-130	MADEP VPH May 2004 Rev1.1
2,5-Dibromotoluene (FID)	70-130	70-130	
Extracatable Petroleum Hydrocarbons			
1-chloro-octadecane (aliphatic)	40-140	40-140	MADEP EPH May 2004 Rev1.1
o-Terphenyl (aromatic)	40-140	40-140	
2-Fluorobiphenyl (Fractionation)	40-140	40-140	
2-Bromonaphthalene (fractionation)	40-140	40-140	

PCB
DATA SUMMARIES

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 19, 2010

SAMPLE DATA

Lab Sample ID: B081610PSOX2 RR
Matrix: Soil
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date:
Lab Receipt Date:
Extraction Date: 08/16/10
Analysis Date: 08/18/10

CLIENT SAMPLE ID

Project Name: Amistad Academy
Project Number: 223019
Field Sample ID: Lab QC

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	89	%
Decachlorobiphenyl	77	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

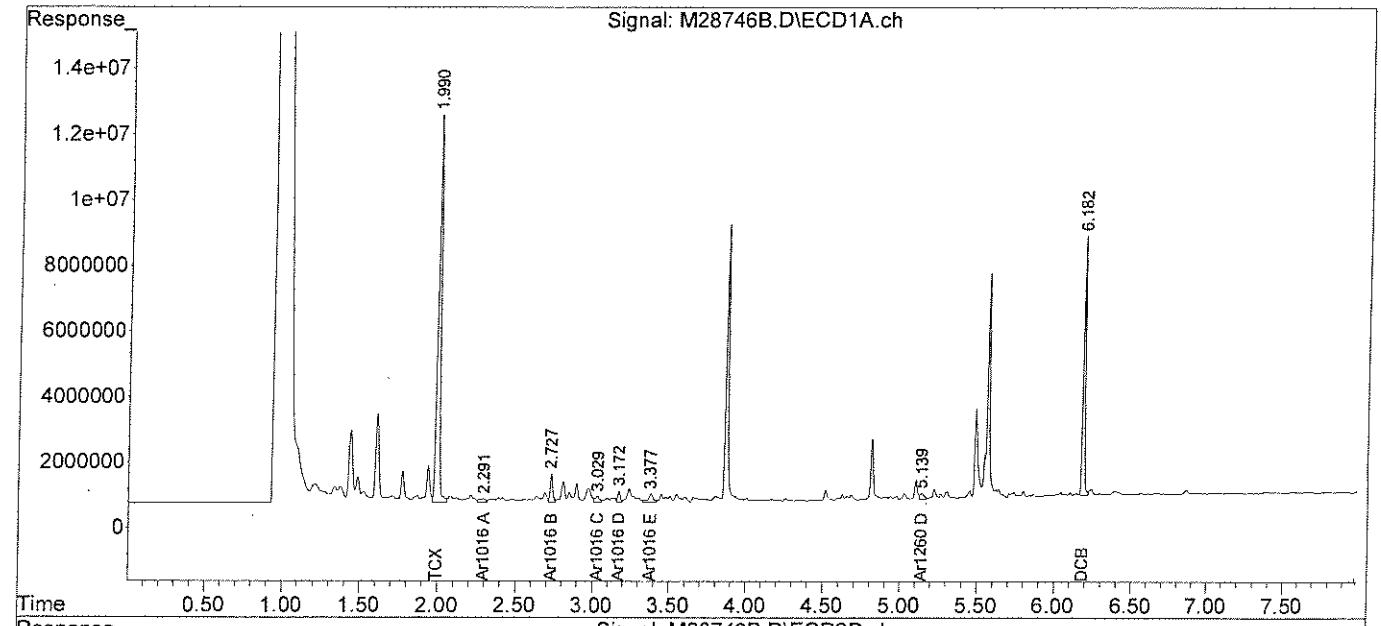
Authorized signature

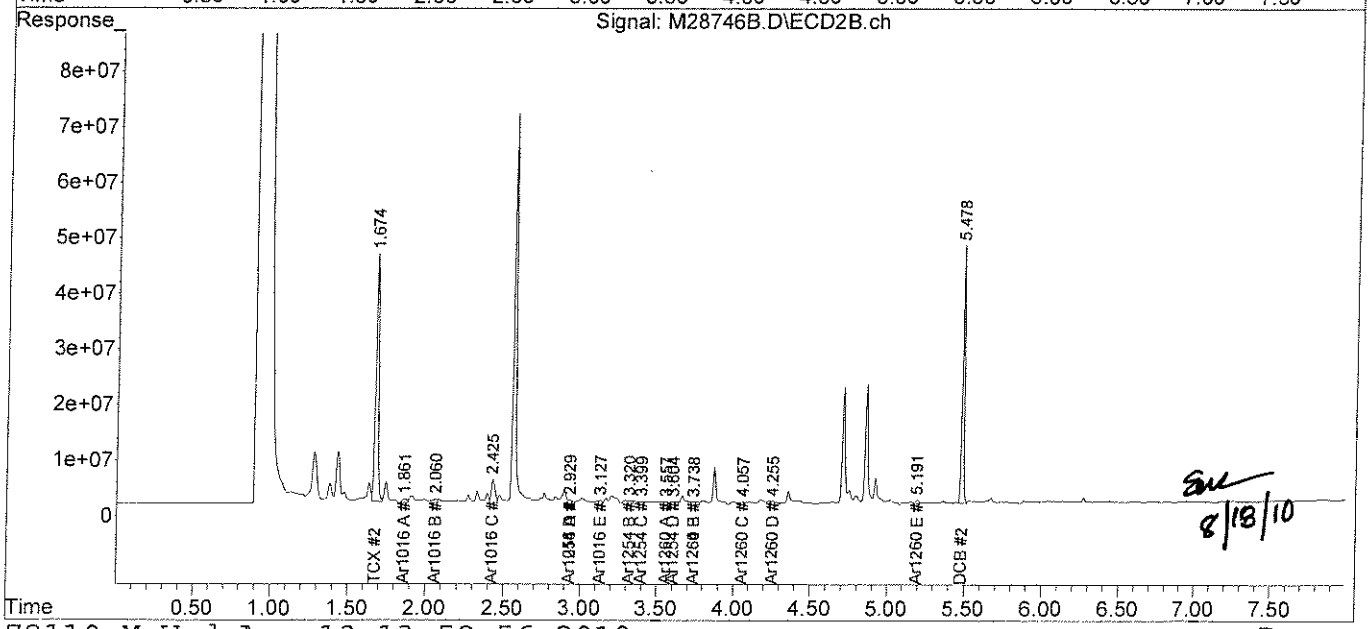
Data Path : C:\msdchem\1\DATA\081810-M\
Data File : M28746B.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2010 11:40 am
Operator : JK
Sample : B081610PSOX2,RR,,A/C
Misc : SOIL
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 18 13:51:47 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

JK 08/18/10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





SW 8/18/10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 19, 2010

SAMPLE DATA

Lab Sample ID:	67520-1 RR
Matrix:	Solid
Percent Solid:	97
Dilution Factor:	1.0
Collection Date:	08/13/10
Lab Receipt Date:	08/14/10
Extraction Date:	08/16/10
Analysis Date:	08/18/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-CC-047

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	**197**
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	78	%
Decachlorobiphenyl	75	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67520
Sample: 67520-1,RR,,A/C
Data File: M28749.D
Dilution Factor: 1.0

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	197	193	2.1	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

PCB FORM 10

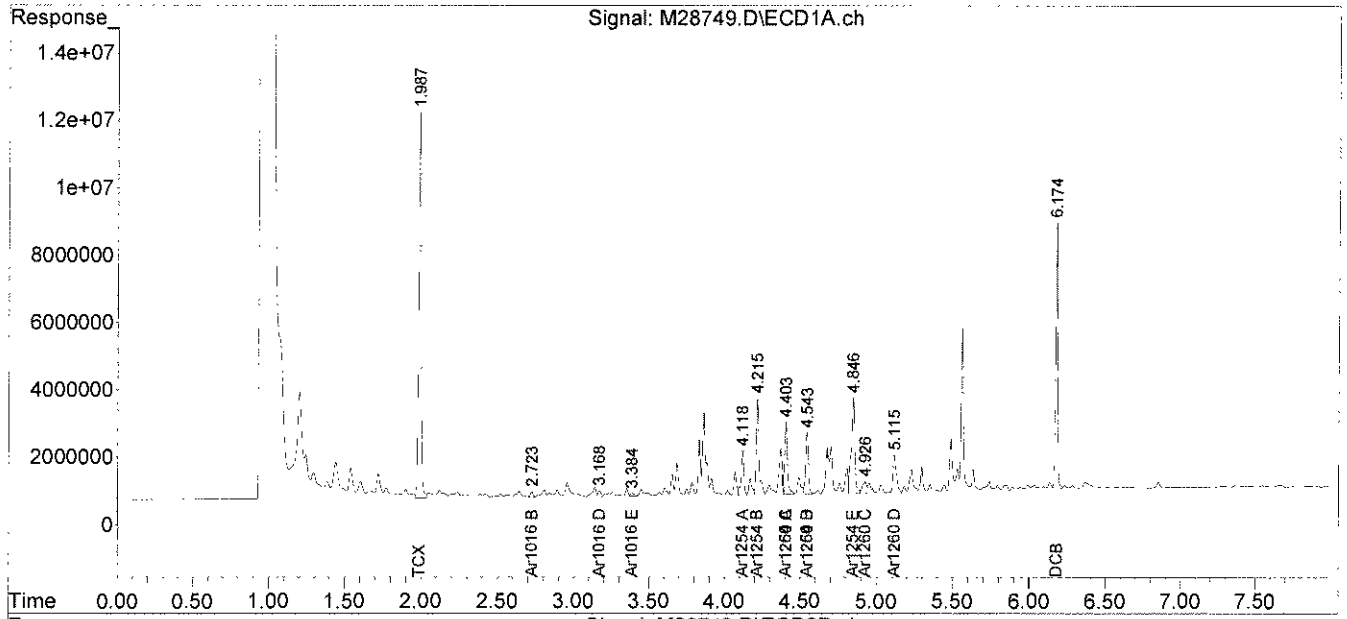
Quantitation Report (QT Reviewed)

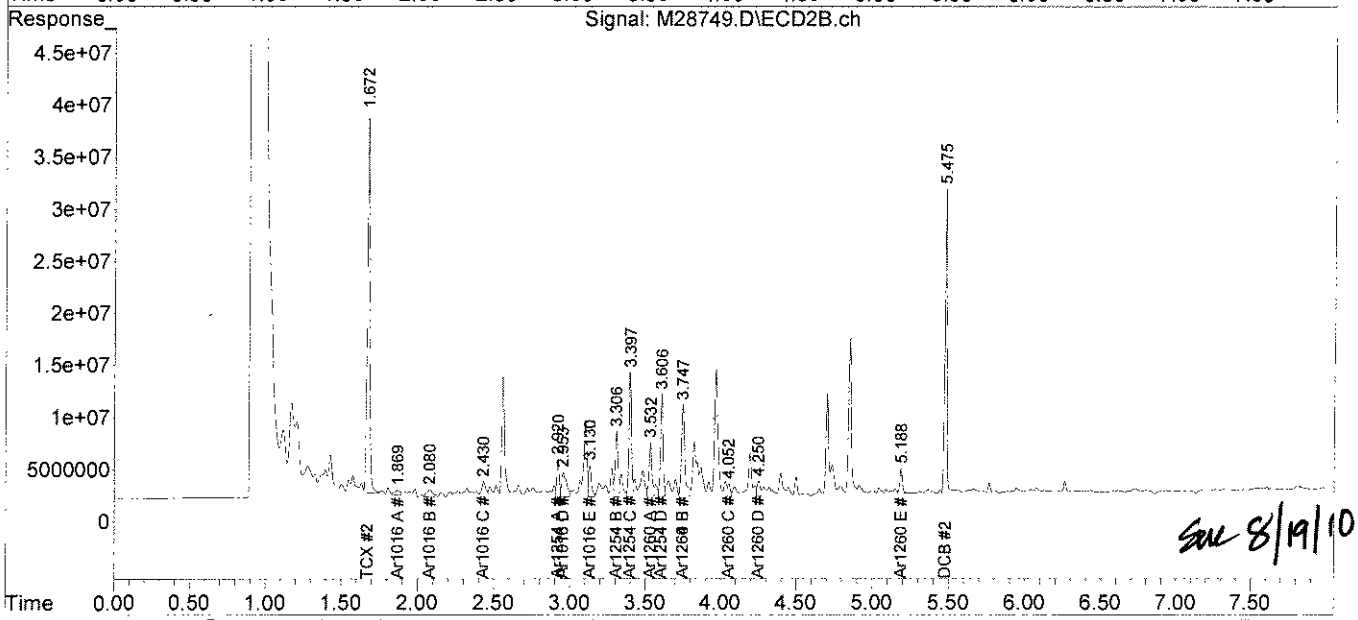
Data Path : C:\msdchem\1\DATA\081810-M\
Data File : M28749.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2010 12:11 pm
Operator : JK
Sample : 67520-1,RR,,A/C
Misc : SOIL
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 18 14:02:31 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:29 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um

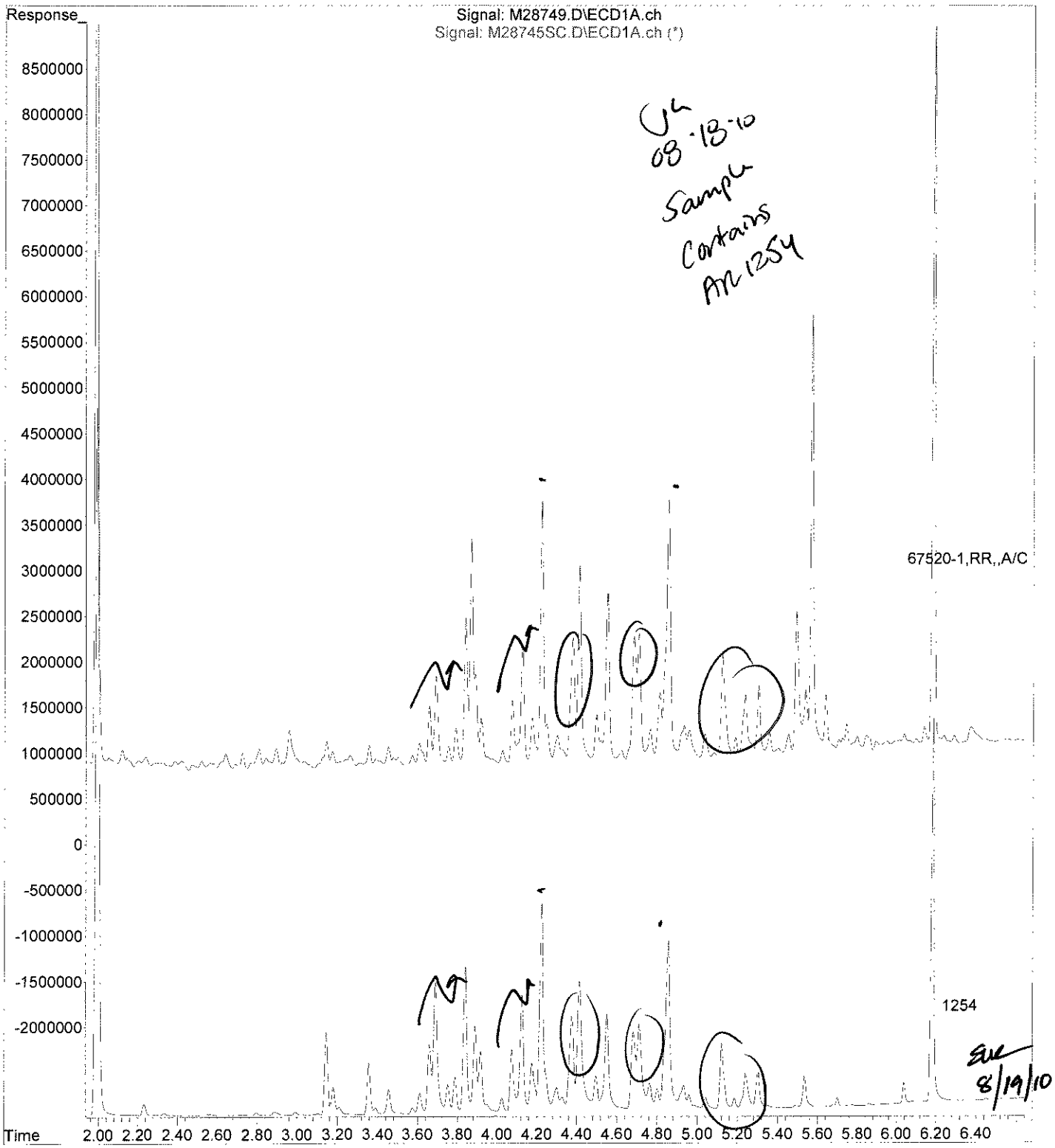
JK 08-13-11





SAL 8/19/10

File :C:\msdchem\1\DATA\081810-M\M28749.D
Operator : JK
Acquired : 18 Aug 2010 12:11 pm using AcqMethod PEST.M
Instrument : Instrument M
Sample Name: 67520-1,RR,,A/C
Misc Info : SOIL
Vial Number: 9



analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 19, 2010

SAMPLE DATA

Lab Sample ID:	67520-2 RR
Matrix:	Solid
Percent Solid:	95
Dilution Factor:	1.0
Collection Date:	08/13/10
Lab Receipt Date:	08/14/10
Extraction Date:	08/16/10
Analysis Date:	08/18/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-282

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	96	%
Decachlorobiphenyl	76	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB Report

Authorized signature

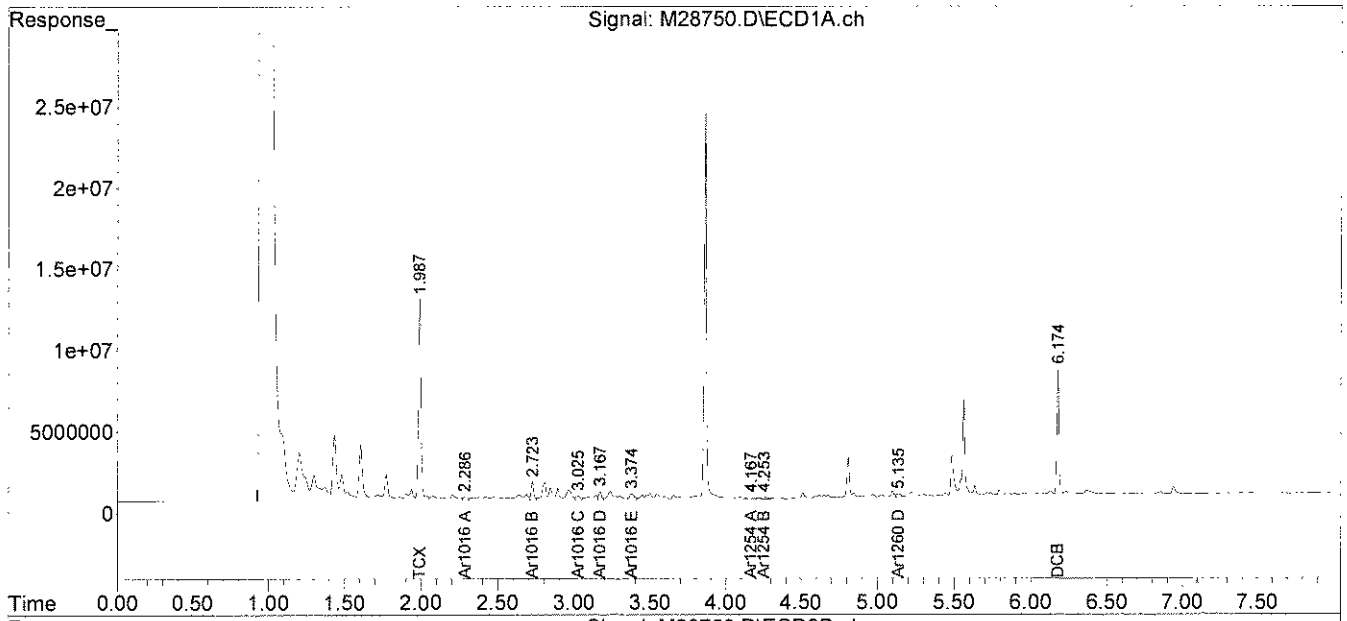
Quantitation Report (QT Reviewed)

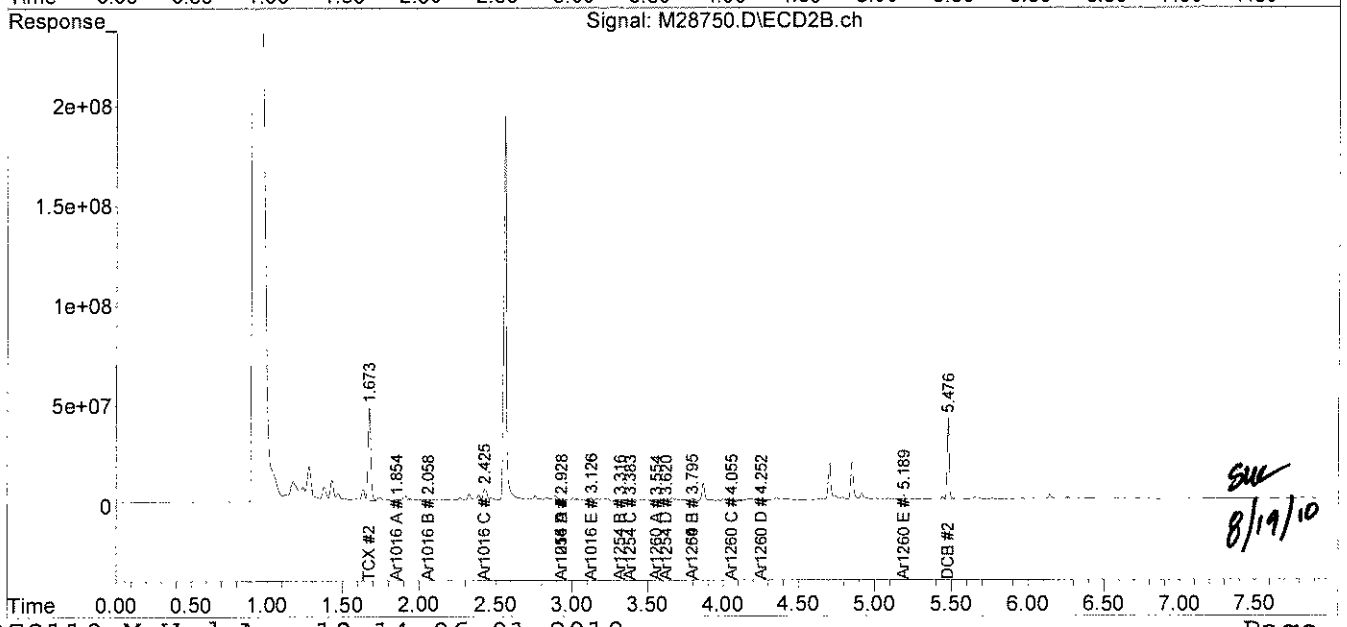
Data Path : C:\msdchem\1\DATA\081810-M\
Data File : M28750.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2010 12:21 pm
Operator : JK
Sample : 67520-2,RR,,A/C
Misc : SOIL
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 18 14:05:54 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:29 2010
Response via : Initial Calibration
Integrator: ChemStation

UL 08-19-10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





SUL 8/19/10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 19, 2010

SAMPLE DATA

Lab Sample ID:	67520-3 RR
Matrix:	Solid
Percent Solid:	96
Dilution Factor:	1.0
Collection Date:	08/13/10
Lab Receipt Date:	08/14/10
Extraction Date:	08/16/10
Analysis Date:	08/18/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-283

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	91	%
Decachlorobiphenyl	87	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

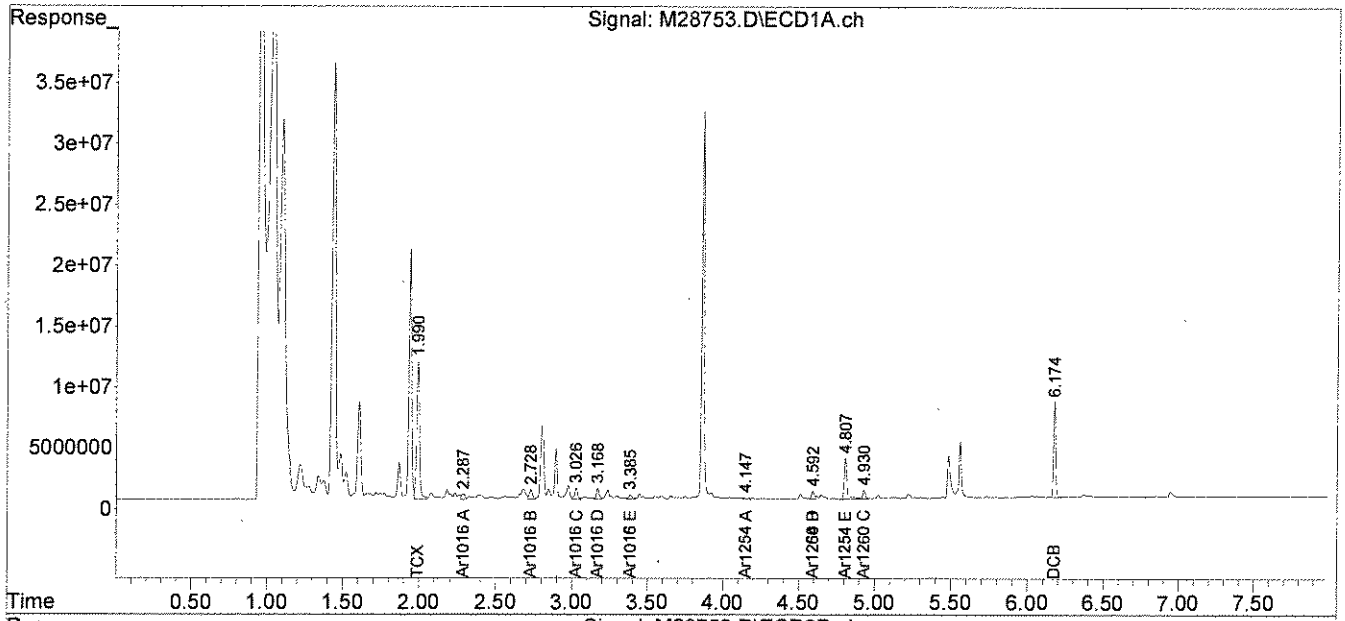
Quantitation Report (QT Reviewed)

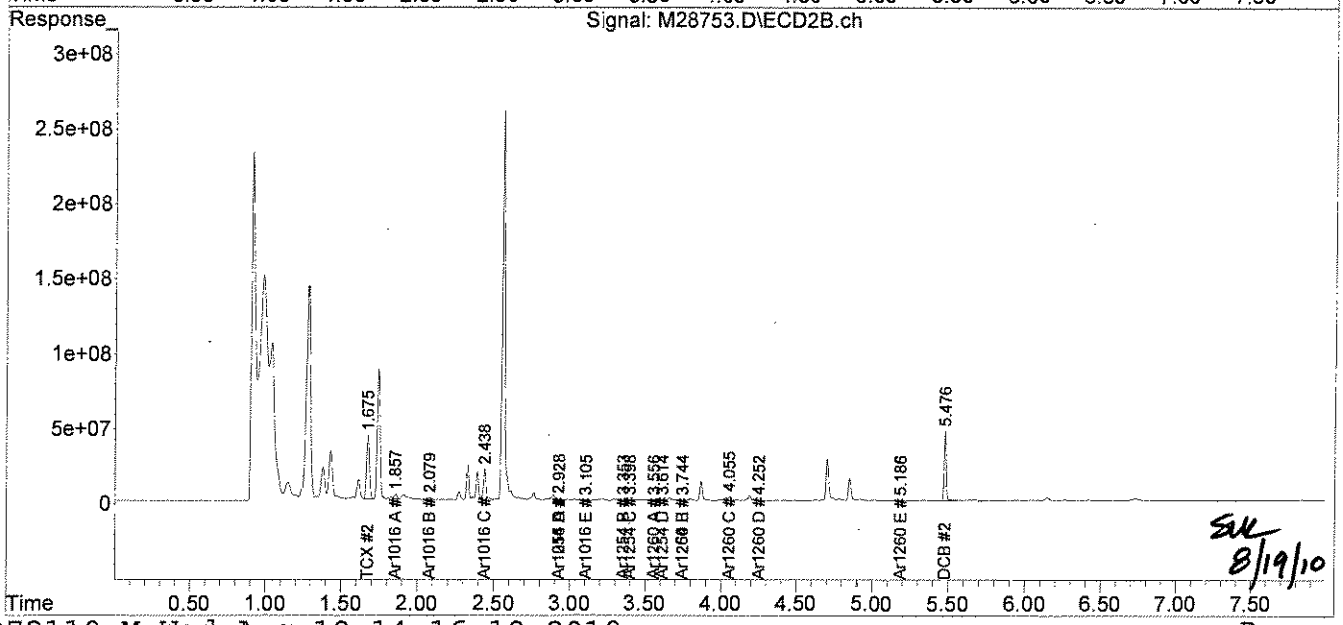
Data Path : C:\msdchem\1\DATA\081810-M\
Data File : M28753.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2010 12:52 pm
Operator : JK
Sample : 67520-3,RR,,A/C
Misc : SOIL
ALS Vial : 13 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 18 13:52:01 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:29 2010
Response via : Initial Calibration
Integrator: ChemStation

JL 08-19-10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





SK 8/19/10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 19, 2010

SAMPLE DATA

Lab Sample ID: 67520-4 RR
Matrix: Solid
Percent Solid: 98
Dilution Factor: 1.0
Collection Date: 08/13/10
Lab Receipt Date: 08/14/10
Extraction Date: 08/16/10
Analysis Date: 08/18/10

CLIENT SAMPLE ID

Project Name: Amistad Academy
Project Number: 223019
Field Sample ID: AA-VSS-284

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	95	%
Decachlorobiphenyl	77	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB Report

Authorized signature

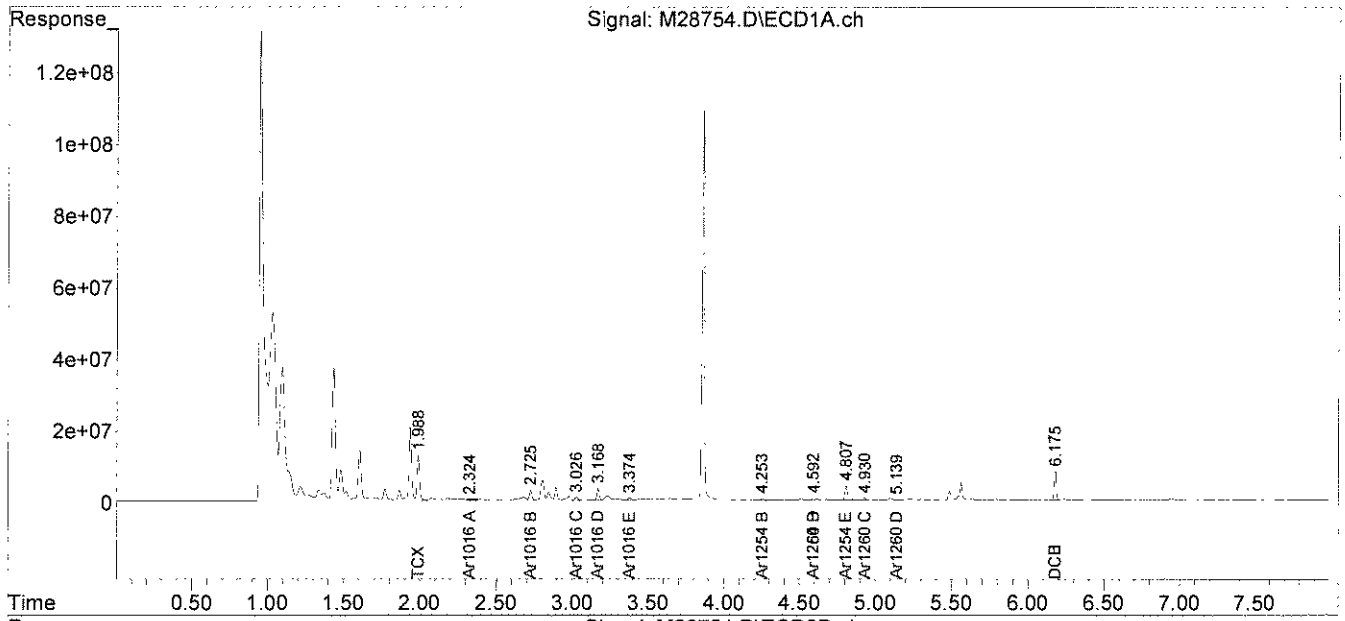
Quantitation Report (QT Reviewed)

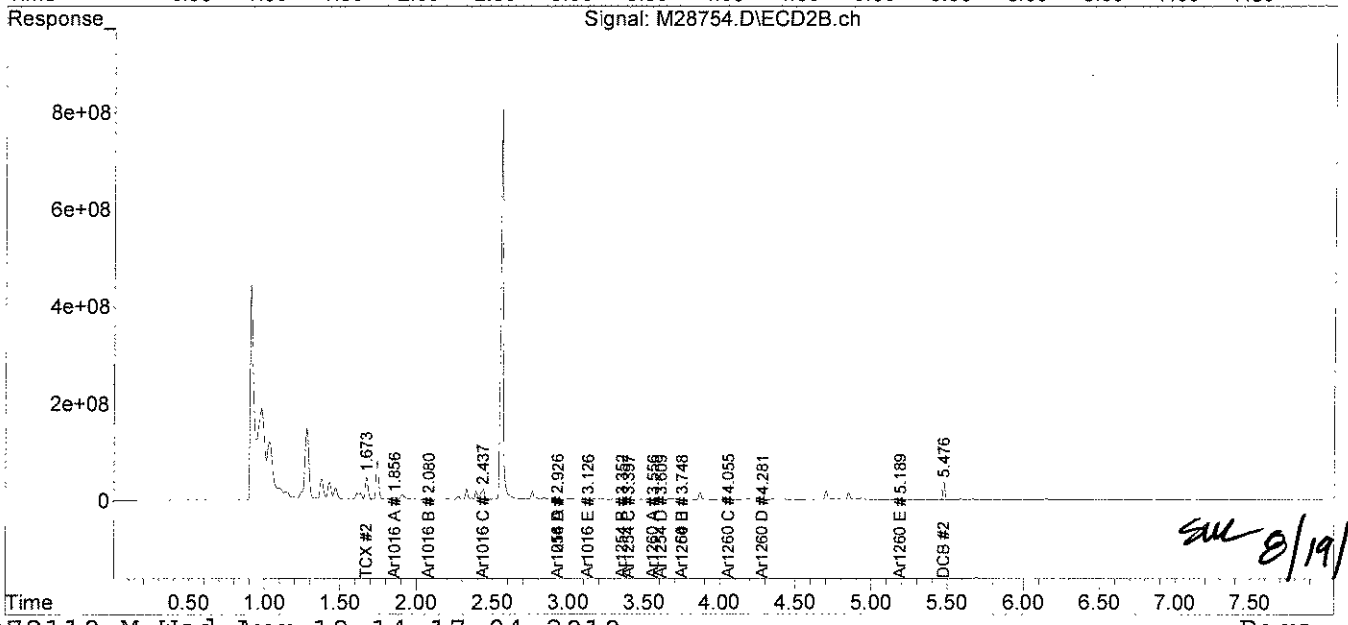
Data Path : C:\msdchem\1\DATA\081810-M\
Data File : M28754.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2010 1:02 pm
Operator : JK
Sample : 67520-4,RR,,A/C
Misc : SOIL
ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 18 13:52:03 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:29 2010
Response via : Initial Calibration
Integrator: ChemStation

JL 08-13-10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





SAL 8/19/10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 19, 2010

SAMPLE DATA

Lab Sample ID: 67520-5 RR
Matrix: Solid
Percent Solid: 98
Dilution Factor: 1.0
Collection Date: 08/13/10
Lab Receipt Date: 08/14/10
Extraction Date: 08/16/10
Analysis Date: 08/18/10

CLIENT SAMPLE ID

Project Name: Amistad Academy
Project Number: 223019
Field Sample ID: AA-VSS-285

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	95	%
Decachlorobiphenyl	80	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB Report

Authorized signature

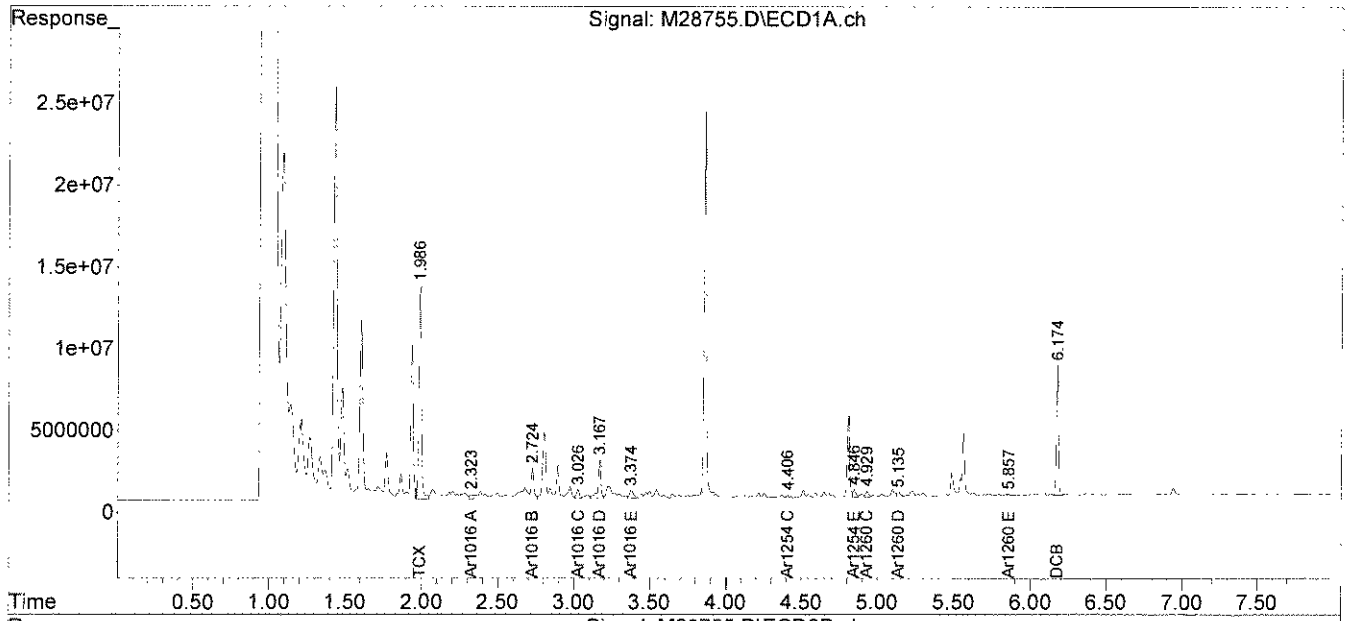
Quantitation Report (QT Reviewed)

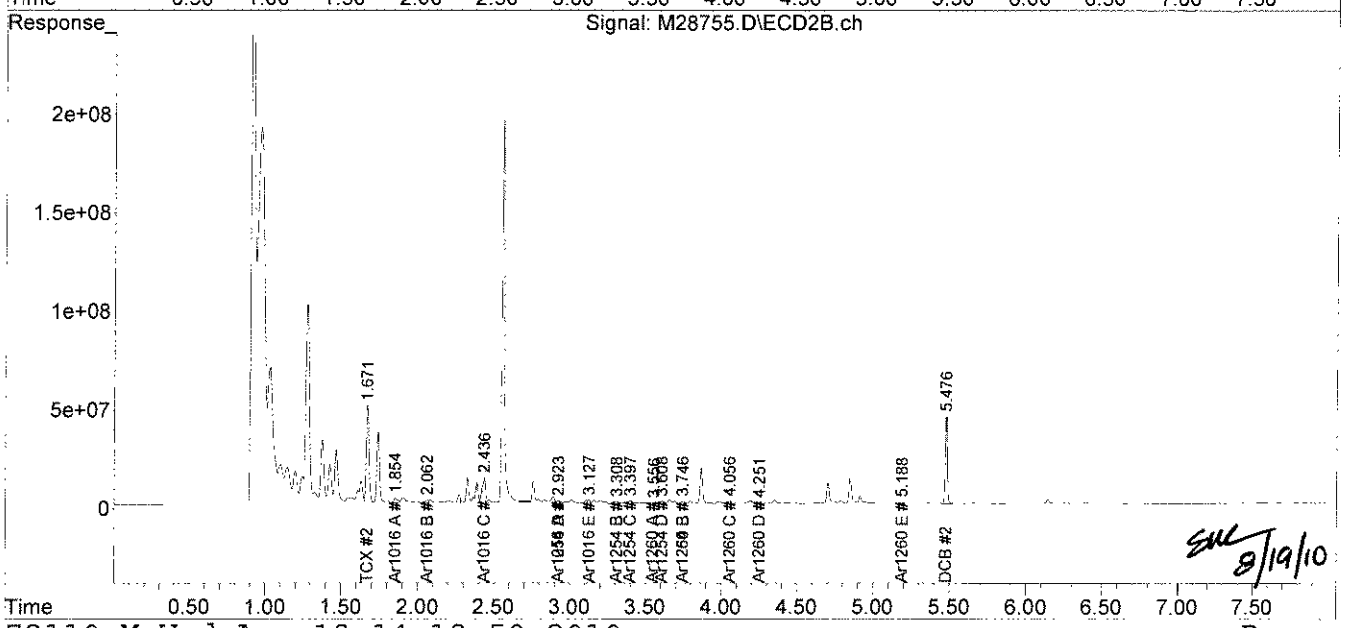
Data Path : C:\msdchem\1\DATA\081810-M\
Data File : M28755.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2010 1:12 pm
Operator : JK
Sample : 67520-5,RR,,A/C
Misc : SOIL
ALS Vial : 15 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 18 13:52:05 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:29 2010
Response via : Initial Calibration
Integrator: ChemStation

JL 08-13-10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





SMC 8/19/10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 19, 2010

SAMPLE DATA

Lab Sample ID:	67520-6 RR
Matrix:	Solid
Percent Solid:	97
Dilution Factor:	1.0
Collection Date:	08/13/10
Lab Receipt Date:	08/14/10
Extraction Date:	08/16/10
Analysis Date:	08/18/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-286

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	98	%
Decachlorobiphenyl	75	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

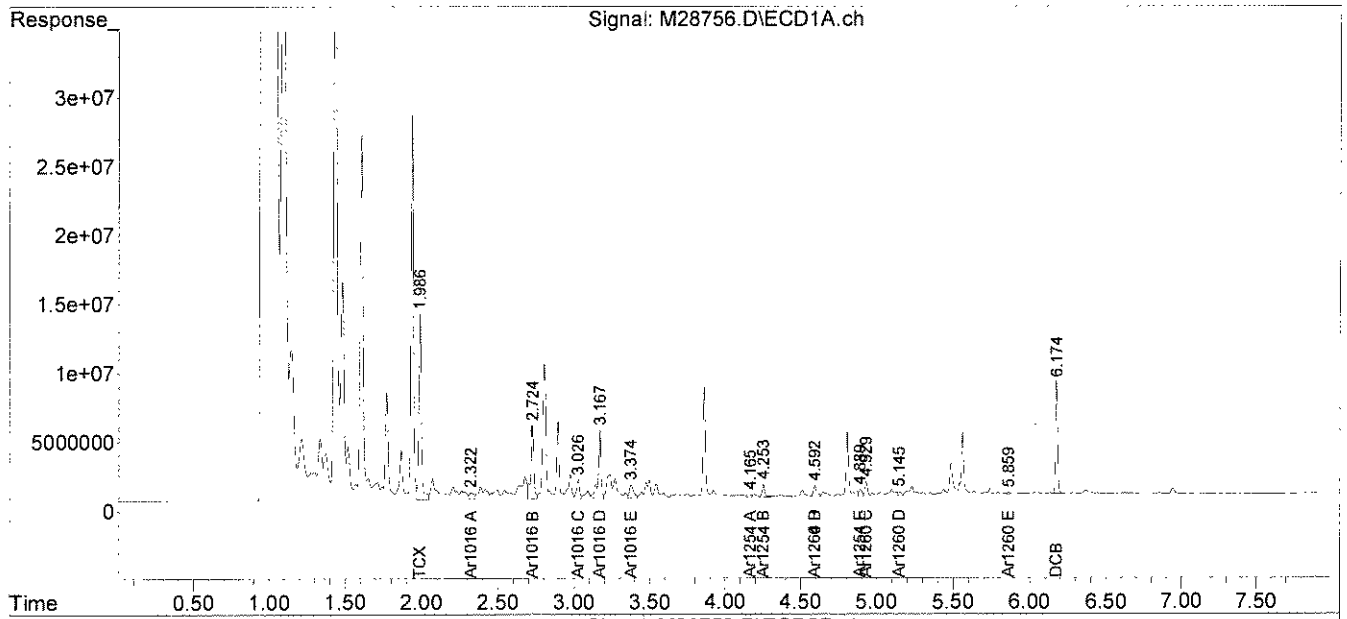
Quantitation Report (QT Reviewed)

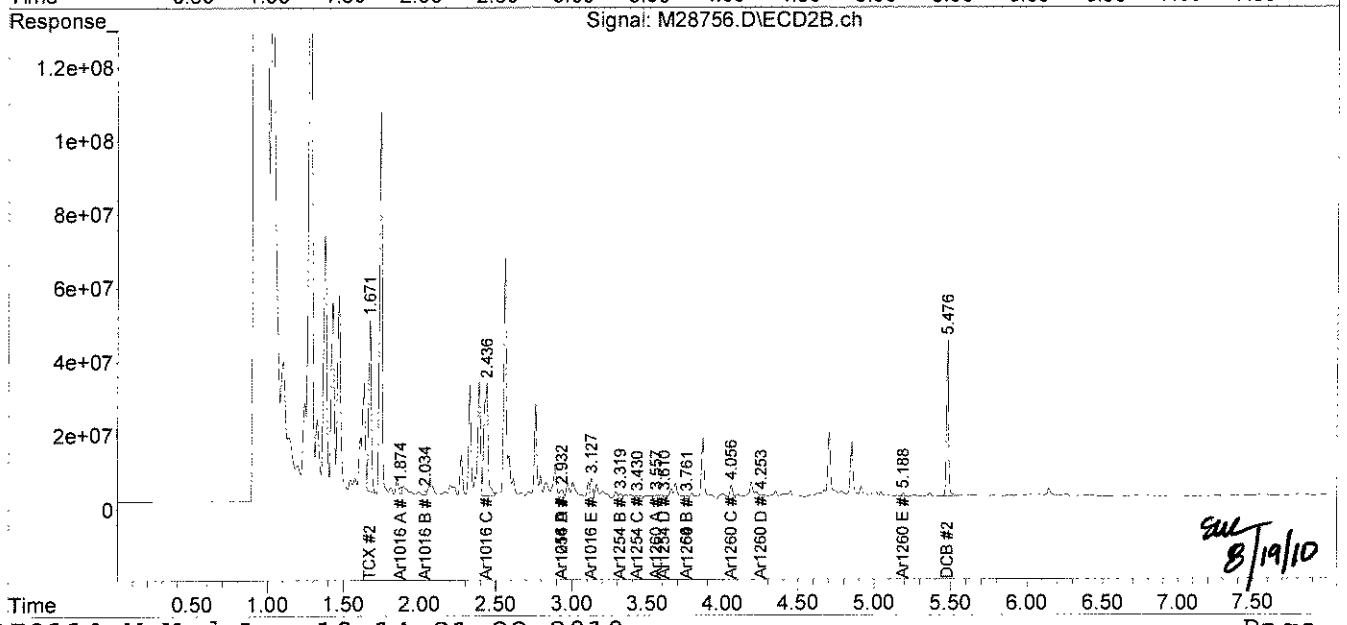
Data Path : C:\msdchem\1\DATA\081810-M\
Data File : M28756.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2010 1:23 pm
Operator : JK
Sample : 67520-6,RR,,A/C
Misc : SOIL
ALS Vial : 16 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 18 13:52:07 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:29 2010
Response via : Initial Calibration
Integrator: ChemStation

JK 08-13-10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





SEC 8/19/10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 19, 2010

SAMPLE DATA

Lab Sample ID:	67520-7 RR
Matrix:	Solid
Percent Solid:	97
Dilution Factor:	1.0
Collection Date:	08/13/10
Lab Receipt Date:	08/14/10
Extraction Date:	08/16/10
Analysis Date:	08/18/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-287

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	99	%
Decachlorobiphenyl	74	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB Report

Authorized signature

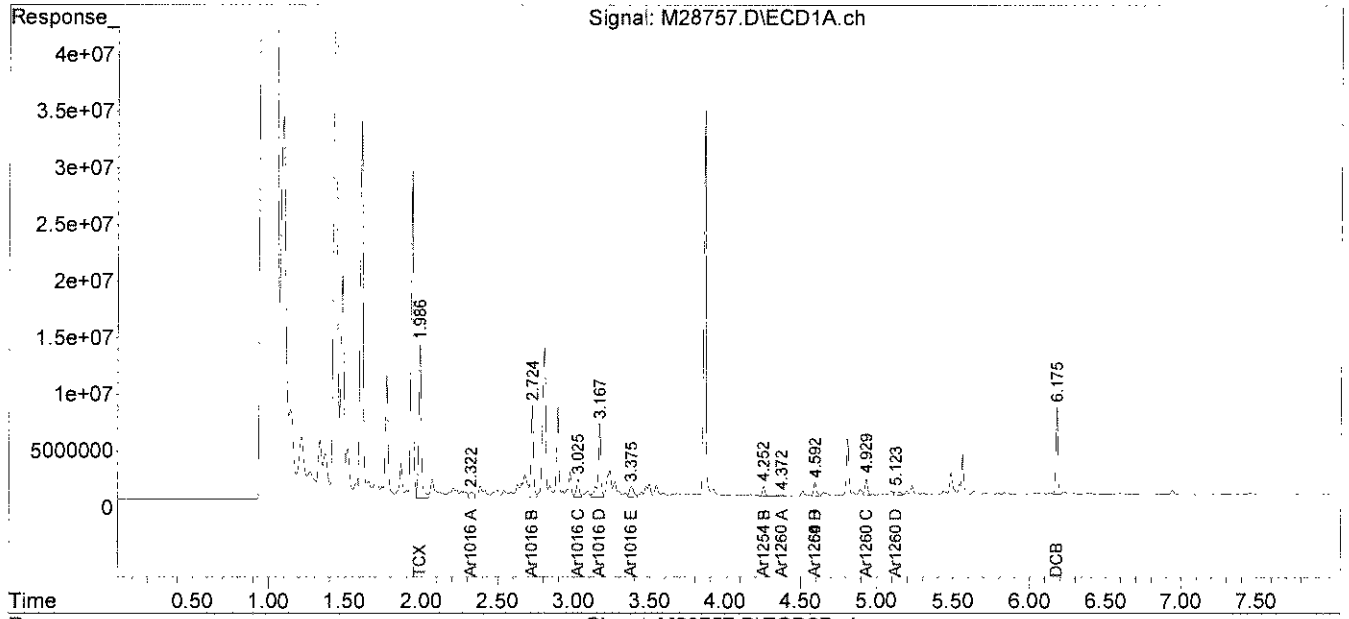
Quantitation Report (Not Reviewed)

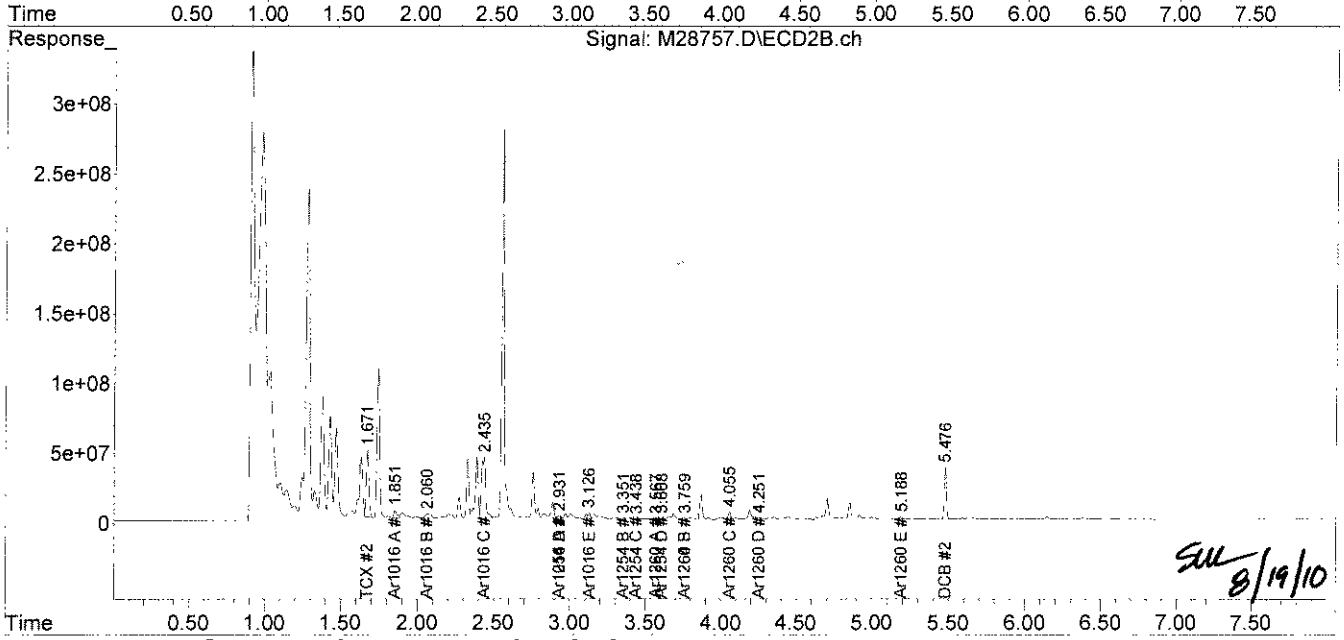
Data Path : C:\msdchem\1\DATA\081810-M\
Data File : M28757.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2010 1:33 pm
Operator : JK
Sample : 67520-7,RR,,A/C
Misc : SOIL
ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 18 13:52:09 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:29 2010
Response via : Initial Calibration
Integrator: ChemStation

JK 08-18-10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





SW 8/19/10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 19, 2010

SAMPLE DATA

Lab Sample ID:	67520-8 RR
Matrix:	Solid
Percent Solid:	96
Dilution Factor:	1.0
Collection Date:	08/13/10
Lab Receipt Date:	08/14/10
Extraction Date:	08/16/10
Analysis Date:	08/18/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-288

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	**291**
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	96	%
Decachlorobiphenyl	73	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67520
Sample: 67520-8,RR,,A/C
Data File: M28758.D
Dilution Factor: 1.0

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	236	291	20.7	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

PCB FORM 10

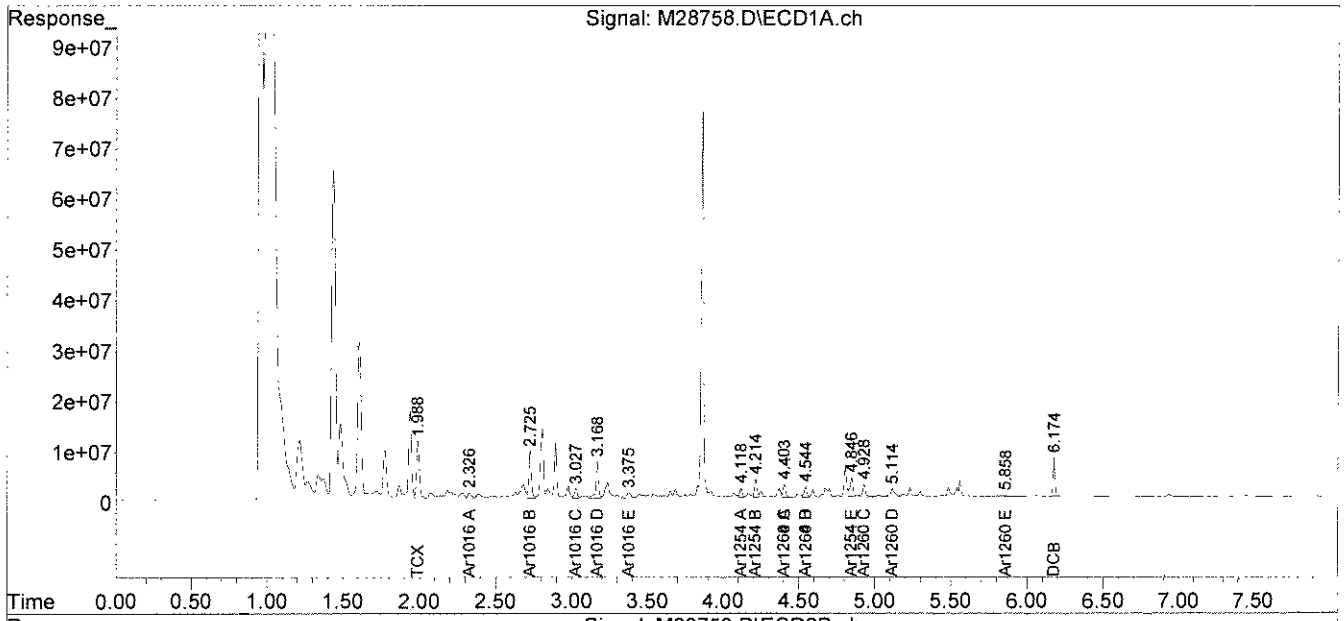
Quantitation Report (QT Reviewed)

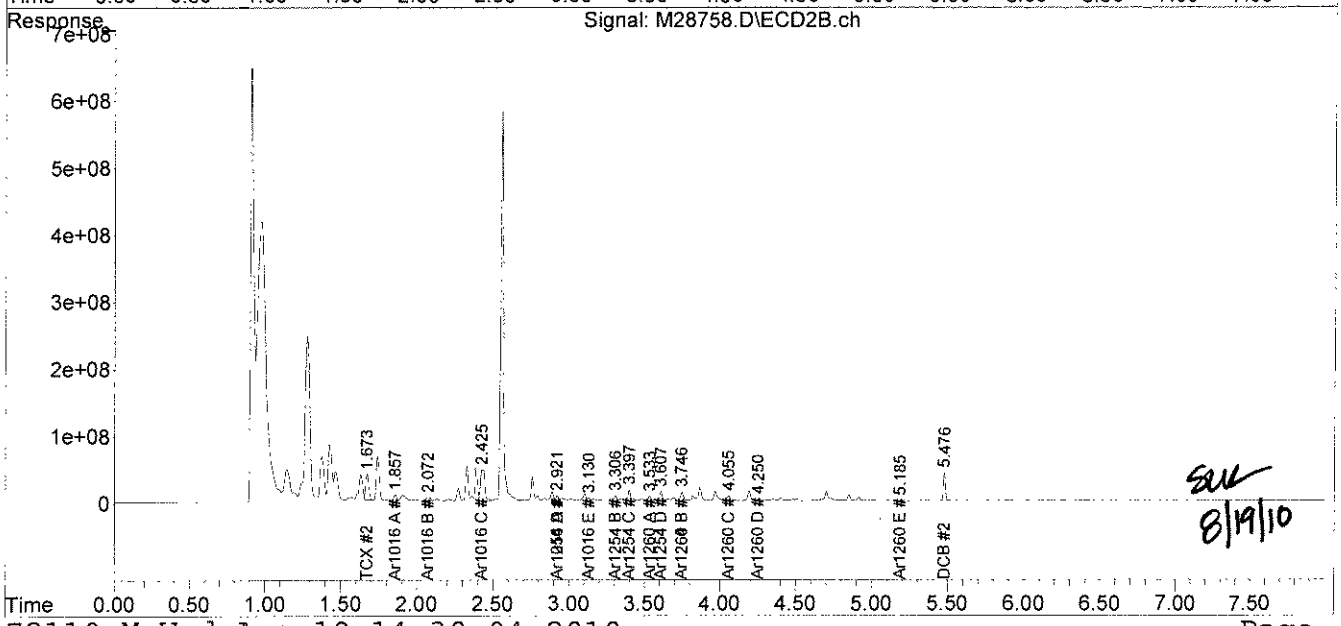
Data Path : C:\msdchem\1\DATA\081810-M\
Data File : M28758.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2010 1:43 pm
Operator : JK
Sample : 67520-8,RR,,A/C
Misc : SOIL
ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 18 14:29:58 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:29 2010
Response via : Initial Calibration
Integrator: ChemStation

JK 08.18.10

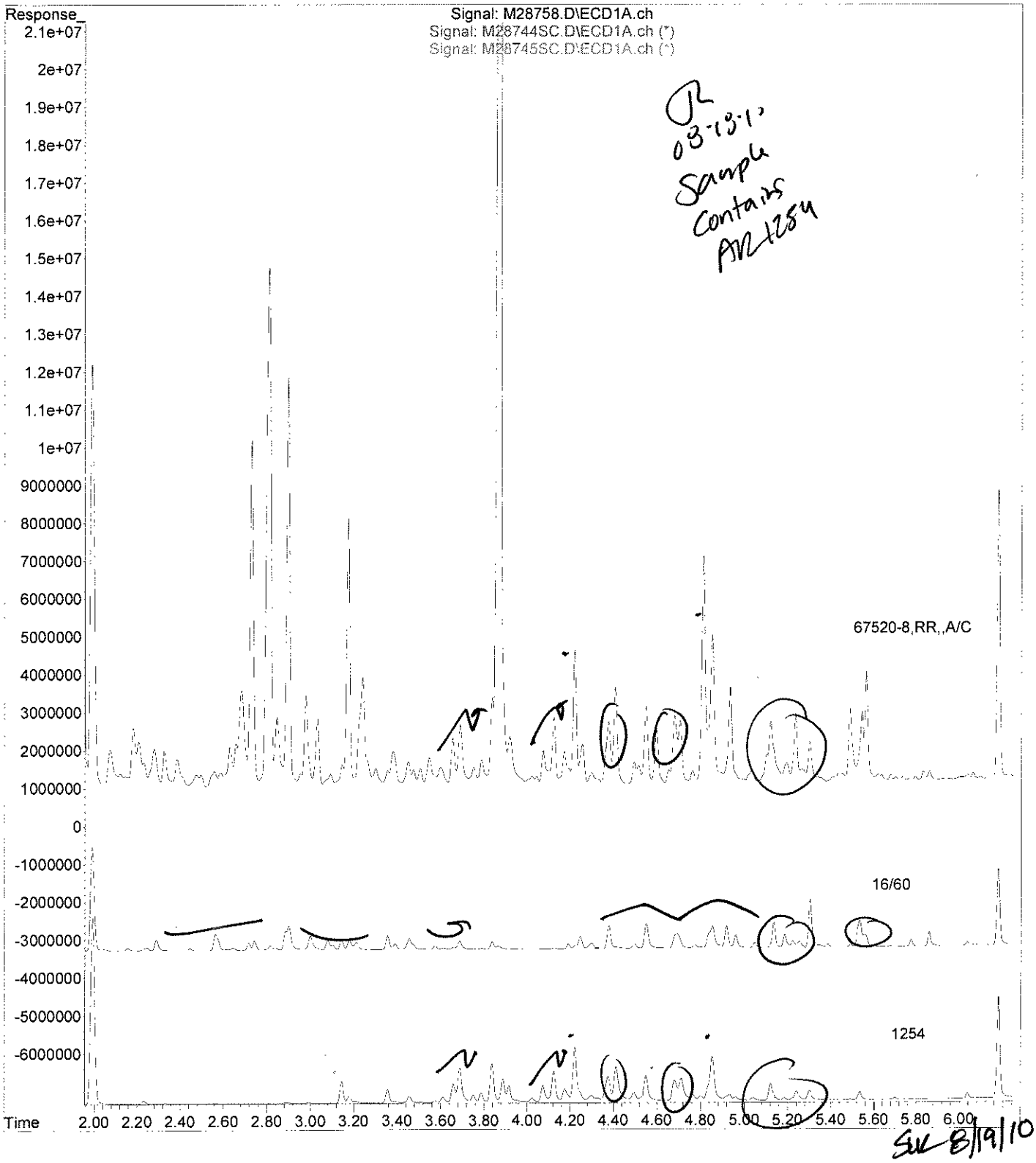
Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





SUL 8/19/10

File :C:\msdchem\1\DATA\081810-M\M28758.D
Operator : JK
Acquired : 18 Aug 2010 1:43 pm using AcqMethod PEST.M
Instrument : Instrument M
Sample Name: 67520-8,RR,,A/C
Misc Info : SOIL
Vial Number: 18



analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 19, 2010

SAMPLE DATA

Lab Sample ID:	67520-9 RR
Matrix:	Solid
Percent Solid:	96
Dilution Factor:	1.0
Collection Date:	08/13/10
Lab Receipt Date:	08/14/10
Extraction Date:	08/16/10
Analysis Date:	08/18/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-289

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	92	%
Decachlorobiphenyl	74	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB Report

Authorized signature

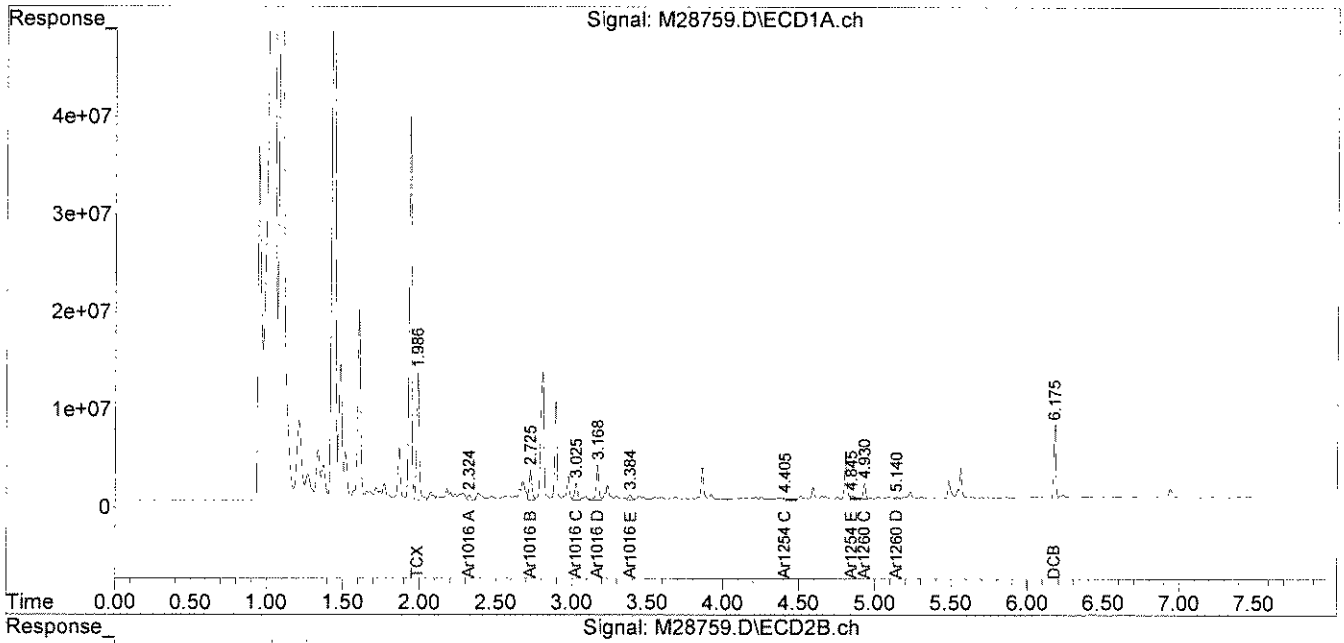
Quantitation Report (QT Reviewed)

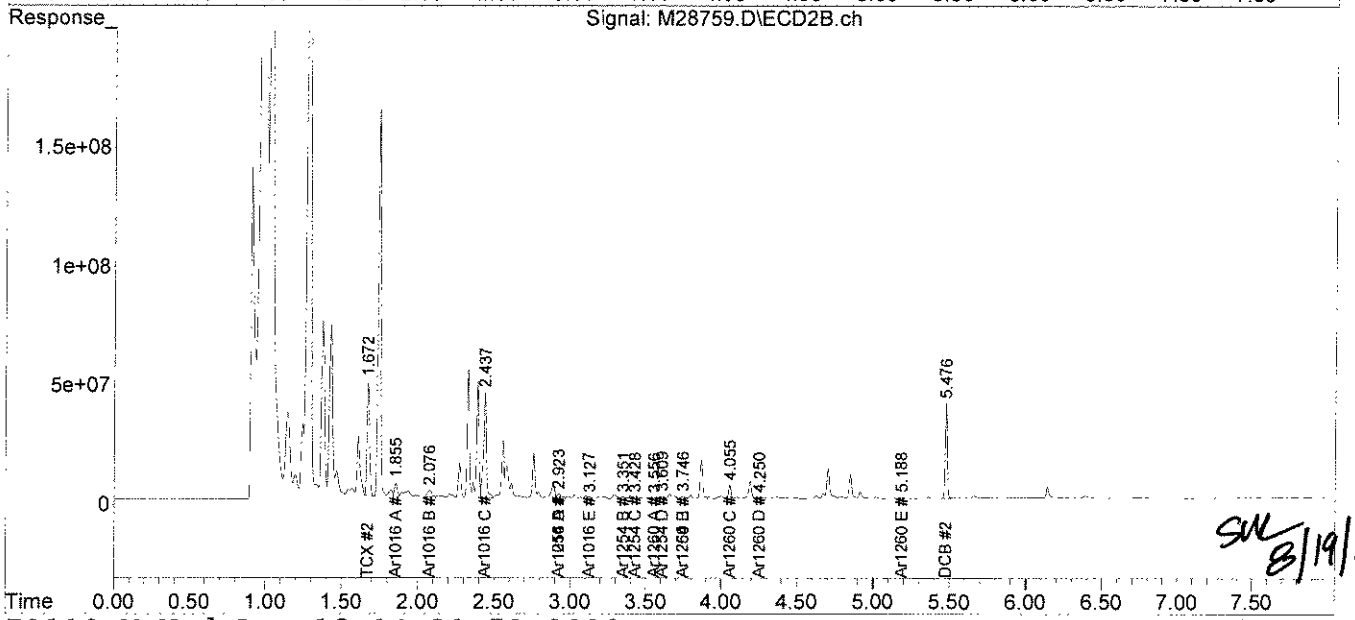
Data Path : C:\msdchem\1\DATA\081810-M\
Data File : M28759.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2010 1:53 pm
Operator : JK
Sample : 67520-9,RR,,A/C
Misc : SOIL
ALS Vial : 19 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 18 14:31:27 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um

JL 08-13-10





SNL 8/19/10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 19, 2010

SAMPLE DATA

Lab Sample ID:	67520-10 RR
Matrix:	Solid
Percent Solid:	95
Dilution Factor:	1.0
Collection Date:	08/13/10
Lab Receipt Date:	08/14/10
Extraction Date:	08/16/10
Analysis Date:	08/18/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-290

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	102	%
Decachlorobiphenyl	74	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

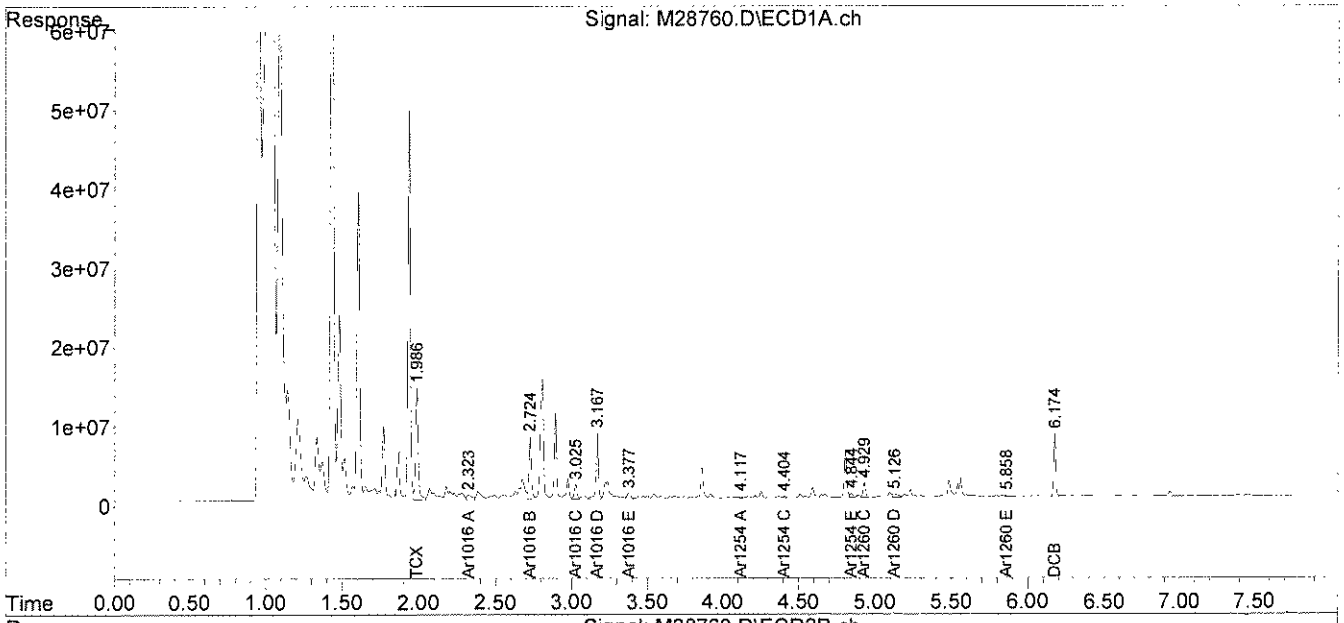
Quantitation Report (QT Reviewed)

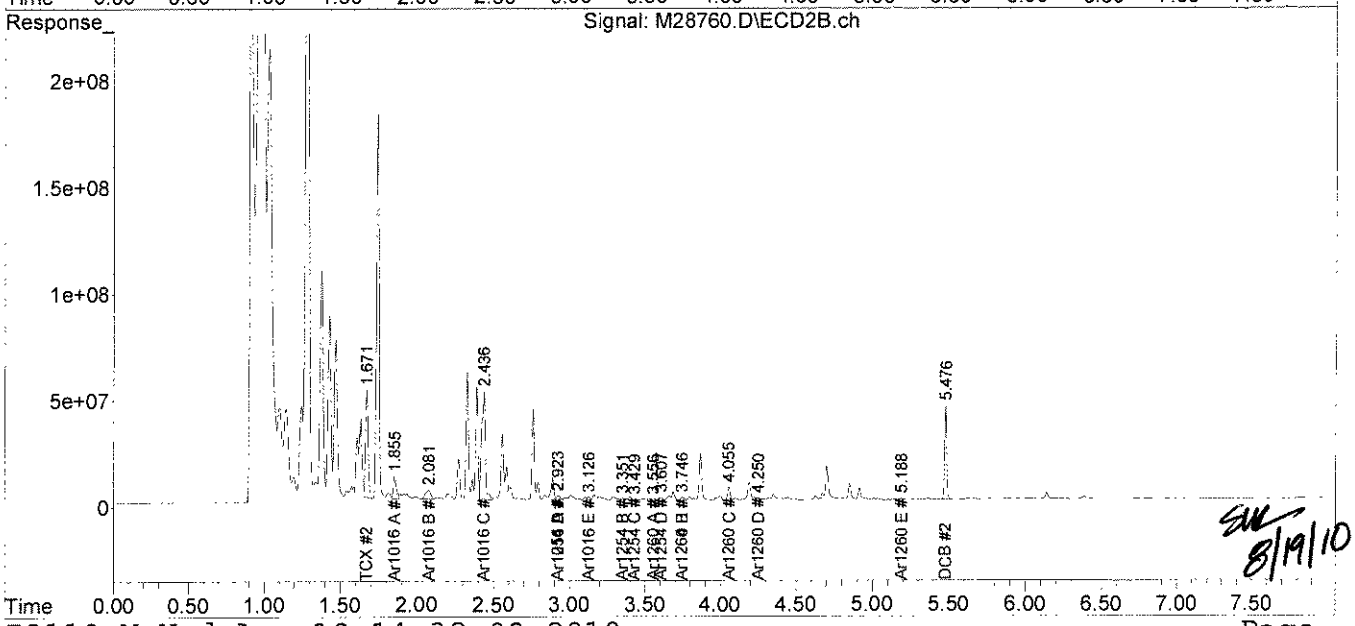
Data Path : C:\msdchem\1\DATA\081810-M\
Data File : M28760.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2010 2:04 pm
Operator : JK
Sample : 67520-10,RR,,A/C
Misc : SOIL
ALS Vial : 20 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 18 14:31:29 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:29 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um

JL 08-13-10





SW 8/19/10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 19, 2010

SAMPLE DATA

Lab Sample ID:	67520-11 RR
Matrix:	Solid
Percent Solid:	96
Dilution Factor:	1.0
Collection Date:	08/13/10
Lab Receipt Date:	08/14/10
Extraction Date:	08/16/10
Analysis Date:	08/18/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-291

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	**204**
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	94	%
Decachlorobiphenyl	72	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67520
Sample: 67520-11,RR,,A/C
Data File: M28761.D
Dilution Factor: 1.0

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	164	204	21.7	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

PCB FORM 10

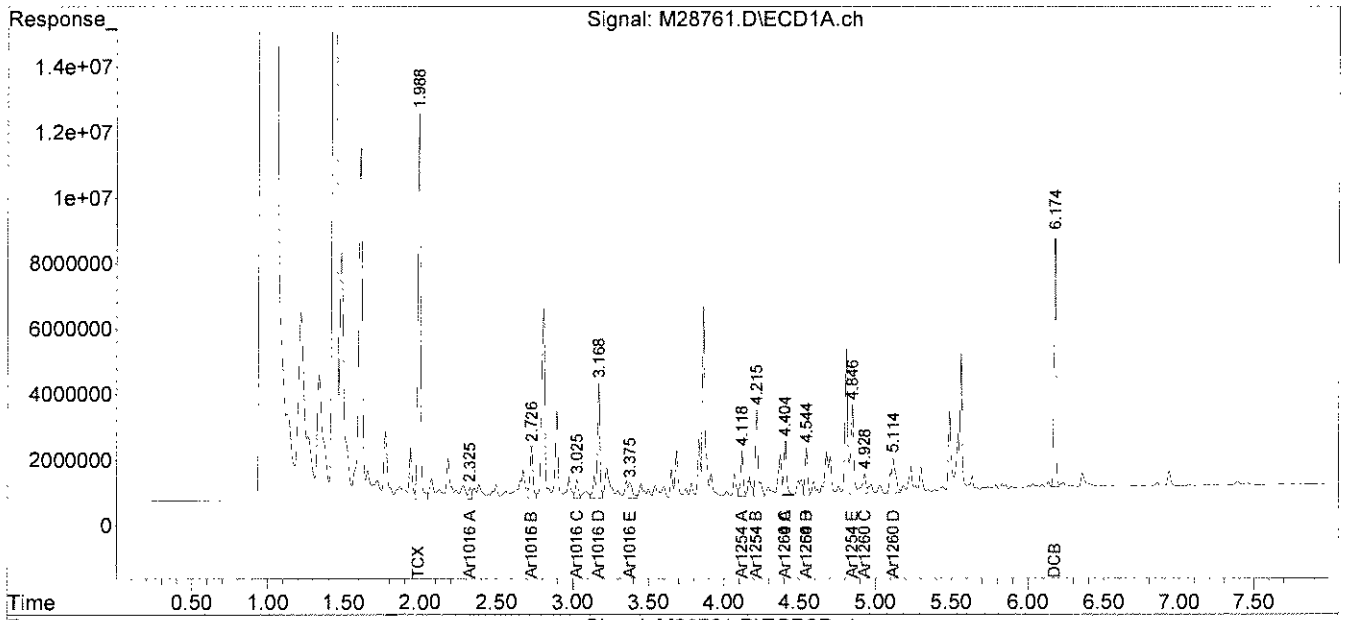
Quantitation Report (QT Reviewed)

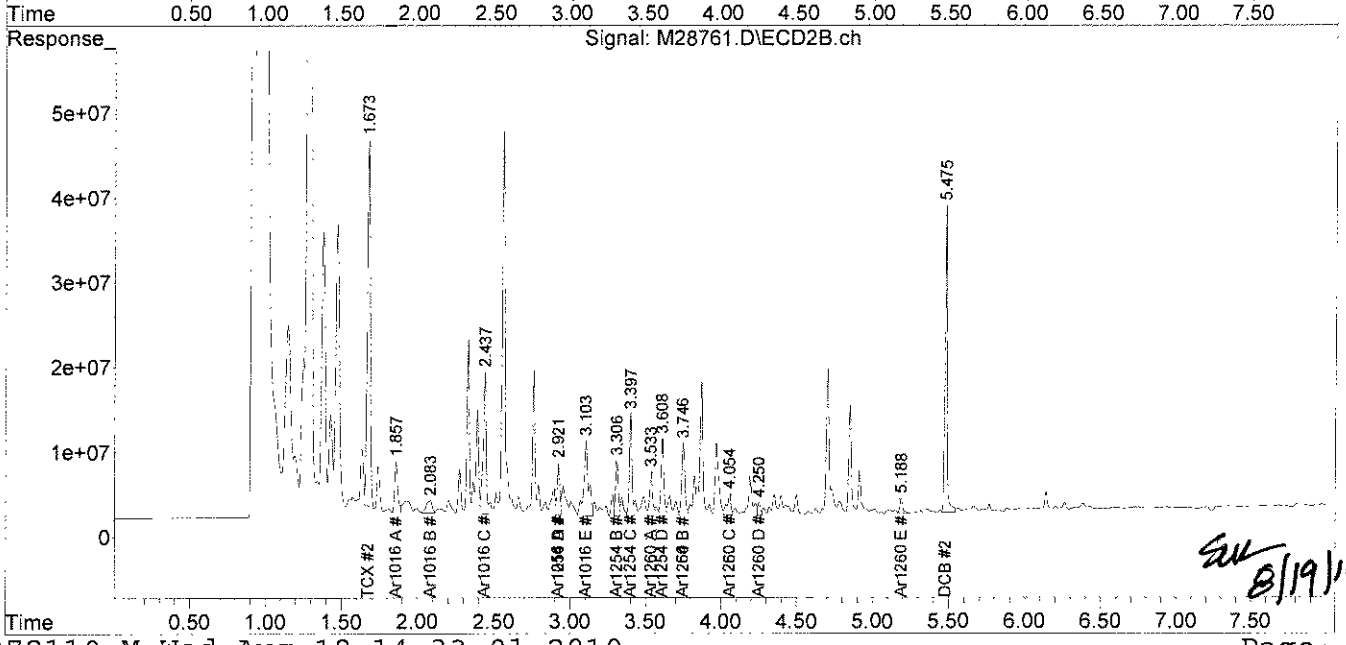
Data Path : C:\msdchem\1\DATA\081810-M\
Data File : M28761.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2010 2:14 pm
Operator : JK
Sample : 67520-11,RR,,A/C
Misc : SOIL
ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 18 14:32:53 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:29 2010
Response via : Initial Calibration
Integrator: ChemStation

JK 08-13-10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





SW 8/19/10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 19, 2010

SAMPLE DATA

Lab Sample ID: 67520-12 RR
Matrix: Solid
Percent Solid: 95
Dilution Factor: 1.0
Collection Date: 08/13/10
Lab Receipt Date: 08/14/10
Extraction Date: 08/16/10
Analysis Date: 08/18/10

CLIENT SAMPLE ID

Project Name: Amistad Academy
Project Number: 223019
Field Sample ID: AA-VSS-292

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	95	%
Decachlorobiphenyl	72	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

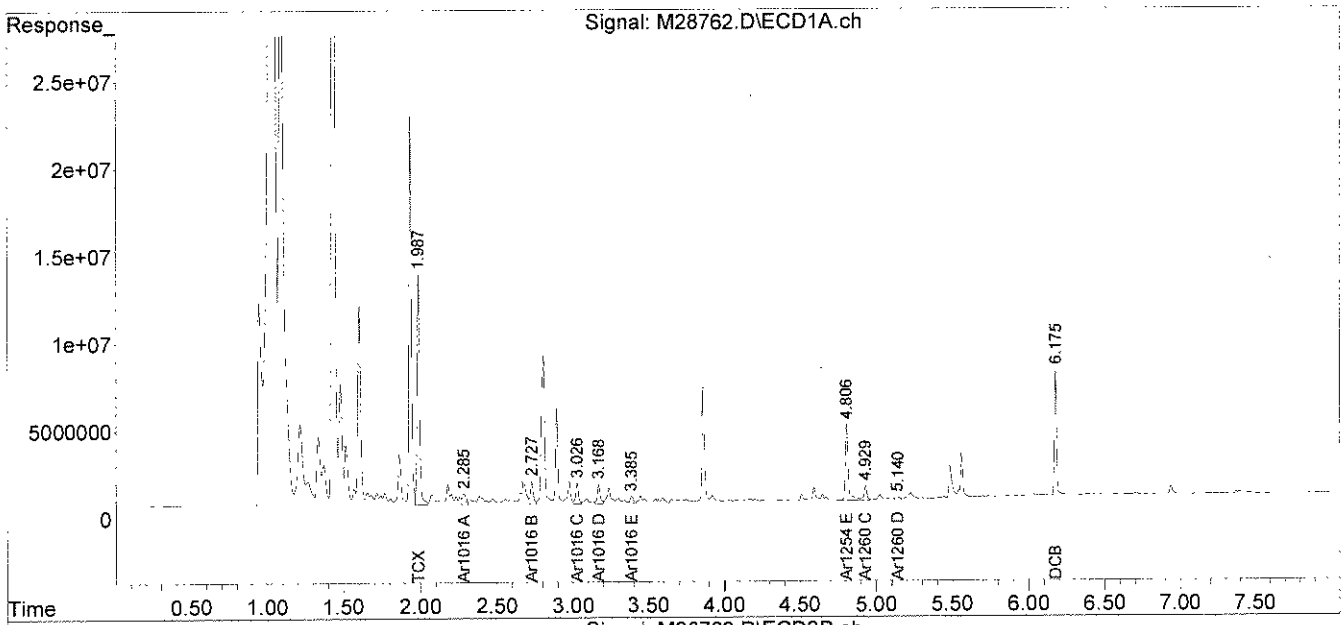
Quantitation Report (QT Reviewed)

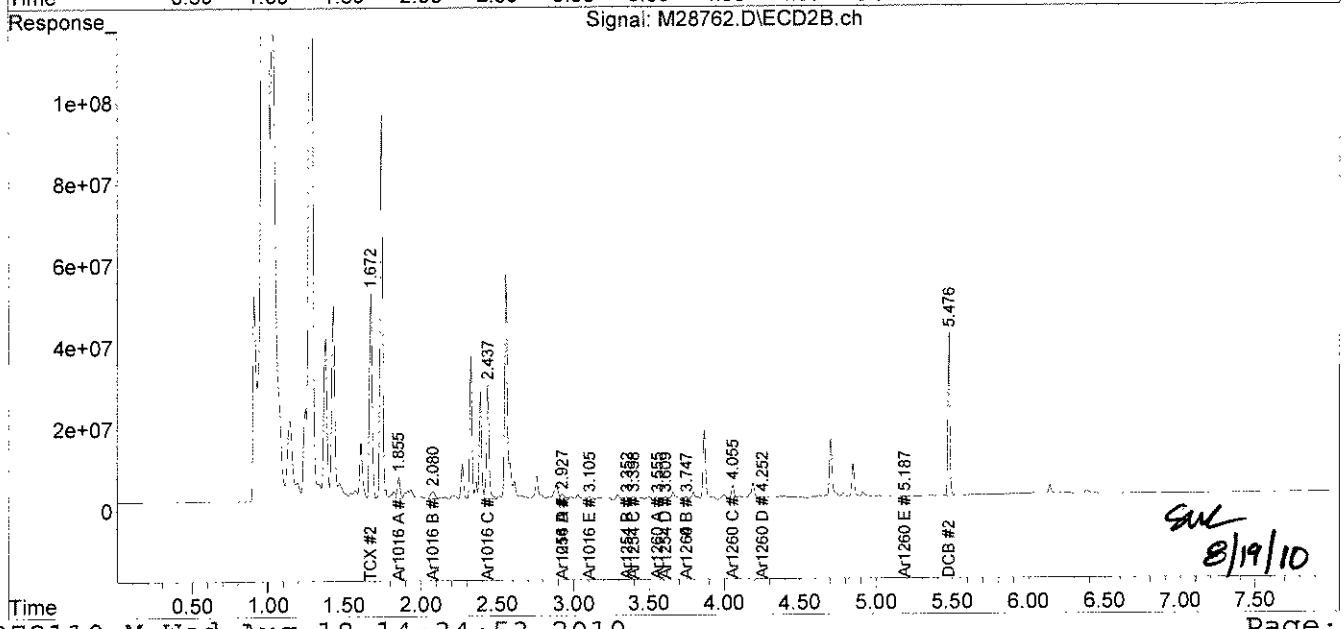
Data Path : C:\msdchem\1\DATA\081810-M\
Data File : M28762.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2010 2:24 pm
Operator : JK
Sample : 67520-12,RR,,A/C
Misc : SOIL
ALS Vial : 22 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 18 14:34:35 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:29 2010
Response via : Initial Calibration
Integrator: ChemStation

JL 081810

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





SAL 8/19/10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 19, 2010

SAMPLE DATA

Lab Sample ID:	67520-13 RR
Matrix:	Solid
Percent Solid:	95
Dilution Factor:	1.0
Collection Date:	08/13/10
Lab Receipt Date:	08/14/10
Extraction Date:	08/16/10
Analysis Date:	08/18/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-293

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	101	%
Decachlorobiphenyl	74	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

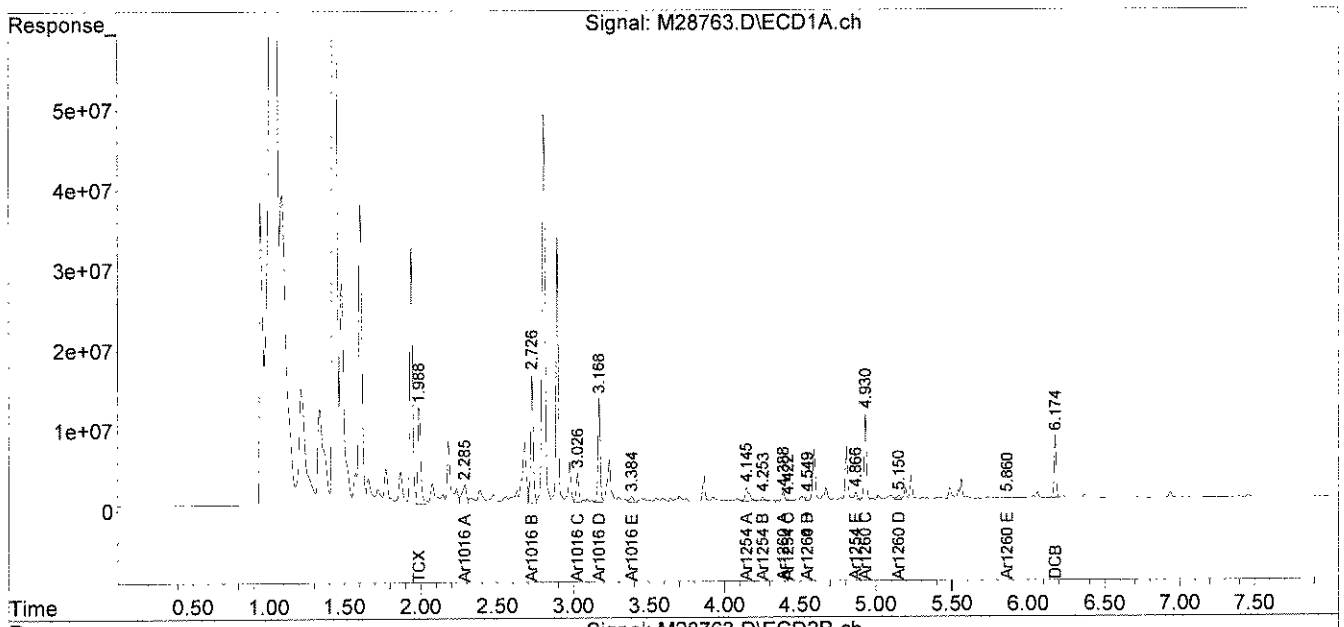
Quantitation Report (QT Reviewed)

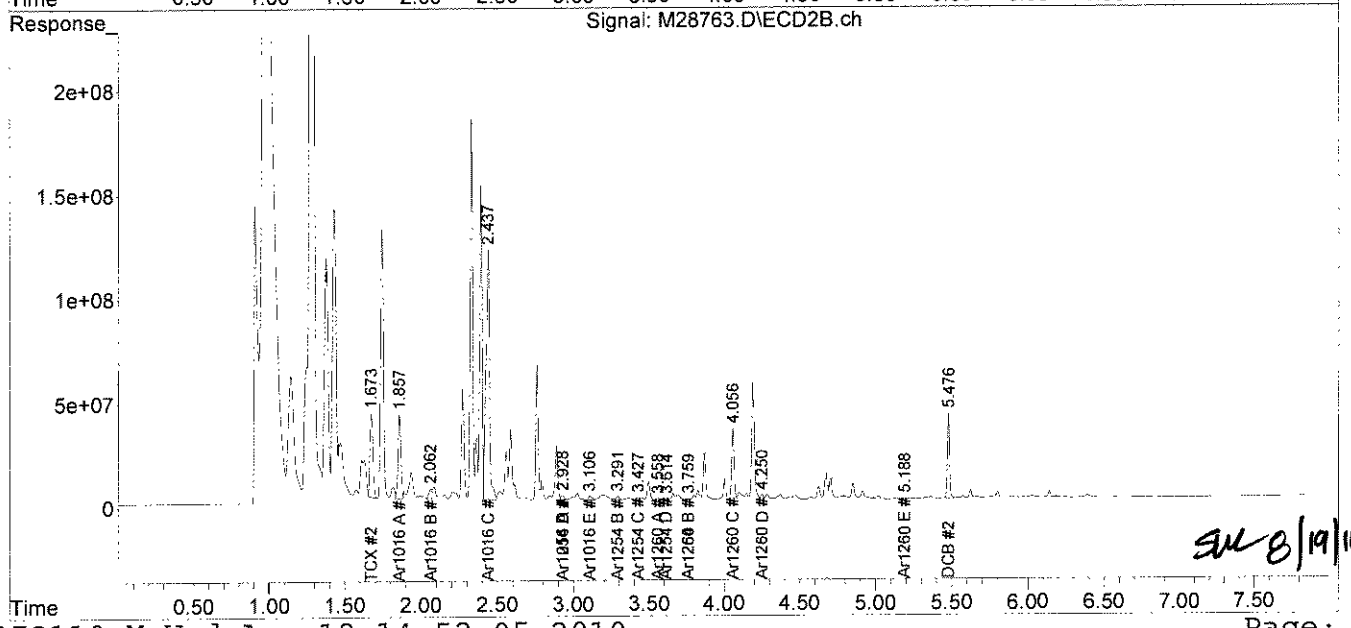
Data Path : C:\msdchem\1\DATA\081810-M\
Data File : M28763.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2010 2:34 pm
Operator : JK
Sample : 67520-13,RR,,A/C
Misc : SOIL
ALS Vial : 23 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 18 14:51:55 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:29 2010
Response via : Initial Calibration
Integrator: ChemStation

JK 08-18-1'

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





SVL 8/19/10

PCB
QC FORMS

AnalyticsLLC:AEL Documents LLC:Pkg Dividers:PCBQC.doc

PCB SOIL
SYSTEM MONITORING COMPOUNDS
SUMMARY

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67520

	Column #1				Column #2			
SAMPLE ID	SMC 1 (%)	#	SMC 2 (%)	#	SMC 1 (%)	#	SMC 2 (%)	#
B081610PSOX2,RR,,A/(	89		77		97		84	
L081610PSOX2,RR,,A/(	89		74		94		52	
LD081610PSOX2,RR,,A	86		74		95		81	
67520-1,RR,,A/C	78		75		72		58	
67520-2,RR,,A/C	92		74		96		76	
67520-2,MS,RR,,A/C	86		74		93		81	
67520-2,MSD,RR,,A/C	93		75		89		84	
67520-3,RR,,A/C	91		76		91		87	
67520-4,RR,,A/C	95		77		94		68	
67520-5,RR,,A/C	93		76		95		80	
67520-6,RR,,A/C	98		75		89		80	
67520-7,RR,,A/C	99		74		92		71	
67520-8,RR,,A/C	96		73		90		79	
67520-9,RR,,A/C	96		71		92		74	
67520-10,RR,,A/C	102		74		95		80	
67520-11,RR,,A/C	90		72		94		72	
67520-12,RR,,A/C	93		72		95		72	
67520-13,RR,,A/C	101		74		89		75	

		Lower Limit	Upper Limit
SMC #1 =	TCX	40	130
SMC #2 =	DCB	40	130

Column to be used to flag recovery values outside of QC limits
* Values outside QC limits
D System Monitoring Compound diluted out

PCB FORM 2

PCB SOIL
LABORATORY CONTROL SAMPLE/DUPLICATE
PERCENT RECOVERY

Instrument ID: M

GC Column #1: STX-CLPesticides I

Column ID: 0.25 mm

GC Column #2: STX-CLPesticides II

Column ID: 0.25 mm

SDG: 67520

Non-spiked sample: B081610PSOX2,RR,,A/C

Spike: L081610PSOX2,RR,,A/C

Spike duplicate: LD081610PSOX2,RR,,A/

COMPOUND	LCS SPIKE ADDED (ug/kg)	LCSD SPIKE ADDED (ug/kg)	LOWER LIMIT	UPPER LIMIT	RPD LIMIT	NON-SPIKE RESULT (ug/kg)	SPIKE RESULT (ug/kg)	SPIKE % REC	#	SPIKE DUP RESULT (ug/kg)	SPIKE DUP % REC	#	RPD	#
PCB 1016	200	200	65	140	30	0	214	107		211	106		1.3	
PCB 1260	200	200	60	130	30	0	181	90		183	91		1.2	
PCB 1016 #2	200	200	65	140	30	0	235	118		238	119		1.0	
PCB 1260 #2	200	200	60	130	30	0	221	111		221	111		0.0	

Column to be used to flag recovery and RPD values outside of QC limits

* Values outside QC limits

LCS/LCSD spike added values have been weight adjusted.

Non-spike result of "0" used in place of "U" to allow calculation of spike recovery.

Comments: _____

PCB FORM 3

PCB SOIL
MATRIX SPIKE/DUPLICATE
PERCENT RECOVERY

Instrument ID: M

GC Column #1: STX-CLPesticides I

Column ID: 0.25 mm

GC Column #2: STX-CLPesticides II

Column ID: 0.25 mm

SDG: 67520

Non-spiked sample: 67520-2,RR,,A/C

Spike: 67520-2,MS,RR,,A/C

Spike duplicate: 67520-2,MSD,RR,,A/C

COMPOUND	LCS SPIKE ADDED (ug/kg)	LCSD SPIKE ADDED (ug/kg)	LOWER LIMIT	UPPER LIMIT	RPD LIMIT	NON-SPIKE RESULT (ug/kg)	SPIKE RESULT (ug/kg)	SPIKE % REC	#	SPIKE DUP RESULT (ug/kg)	SPIKE DUP % REC	#	RPD	#
PCB 1016	203	203	65	140	30	0	244	121		224	111		8.7	
PCB 1260	203	203	60	130	30	0	195	96		217	107		10.7	
PCB 1016 #2	203	203	65	140	30	0	245	121		254	126		3.7	
PCB 1260 #2	203	203	60	130	30	0	237	117		254	126		7.1	

Column to be used to flag recovery and RPD values outside of QC limits

* Values outside QC limits

LCS/LCSD spike added values have been weight adjusted.

Non-spike result of "0" used in place of "U" to allow calculation of spike recovery.

Comments: _____

_____

PCB FORM 3

CHAIN OF CUSTODIES

Chain Of Custody Form

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, NH 03801
Phone (603) 436-5111
Fax (603) 430-2151

For Analytics Use Only Rev. S 06/18/08

Samples were:
1) Shipped or hand-delivered
2) Temp blank °C 4°
3) Received in good condition Y or N
4) pH checked by: N/A
5) Labels checked by: 8/14/10

Project#: 223019 Proj. Name: AMISTAD ACADEMY
Company: Woodard & Curran
Contact: GEORGE FRANKLIN / JEFF HAMEL
Address: 35 New England Business Center Suite 180
Andover, MA 01810
Phone: (978)557-8150 PO# Quote # WLI03051001
Sampler (Signature): [signature]

Matrix Key:
C = Concrete
WP = Wipe
WW = Wastewater
SW = Surface Water
GW = Groundwater
DW = Drinking Water
S = Soil/Sludge
O = Oil
E = Extract

Container Key
P=plastic G=glass

Station Identification	Sample Date	Sample Time	Analysis	Unpres	4° C	HNO_3	H_2SO_4	HCL	Methanol	Other	Matrix	Container number/type		pH	Analytics Sample #
AA-CC-047	8/13/10	0925	PCB's by U.S.		✓						C	1	G		67520 - 1
AA-VSS-282		1310	E.P.A. 8082		✓						S	1	G		2
AA-VSS-283		1315	w/		✓						S	1	G		3
AA-VSS-284		1320	Soxhlet		✓						S	1	G		4
AA-VSS-285		1325	Extraction		✓						S	1	G		5
AA-VSS-286		1330			✓						S	1	G		6
AA-VSS-287		1335			✓						S	1	G		7
AA-VSS-288		1340			✓						S	1	G		8
AA-VSS-289		1345			✓						S	1	G		9
AA-VSS-290		1350			✓						S	1	G		10
AA-VSS-291		1355			✓						S	1	G		11

Email Results to: gfranklin, jream, jhamel

Comments / Instructions:
R.L. ≤ 1.0 mg/kg.

Turnaround Time (TAT)
- [ ] 24hr*
- [x] 48hr*
- [ ] 72hr*
- [ ] 5 Days*
- [ ] 10 Days

*Fee may apply; lab approval required

Project Requirements:
*Fee may apply

Report Type:
- [ ] MCP*
- [x] Level II*
- [ ] CTRCP*
- [ ] Level III*
- [ ] DOD*
- [ ] Level IV*
- [ ] Standard

State:
- [ ] NH
- [ ] MA
- [ ] ME
- [x] CT
- [ ] RI
- Other:

State Standard: (eg. S-1 or GW-1)

EDD Required: Y* N

Type: x/s

Received By: FEDEX Time: Date: 8/13/10
Received By: [signature] Time: 1100 Date: 08/14/10
Received By: Time: Date:
Relinquished By Sampler: [signature] Relinquished By: FEDEX Relinquished By: [signature] 08/14/10

Analytics\AEL Documents\AEL COC

Page 1 of 2

Chain Of Custody Form

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, NH 03801
Phone (603) 436-5111
Fax (603) 430-2151

For Analytics Use Only Rev. 5 06/18/08

Samples were:
1) Shipped or hand-delivered
2) Temp blank °C 10
3) Received in good condition Y or N
4) pH checked by: N/A
5) Labels checked by: 08/14/10

Project#: 223D19 Proj. Name: AMISTAD
Company: Woodard & Curran
Contact: GEORGE FRANKLIN / JEFF HAMEL
Address: 35 New England Business Center Suite 180
Andover, MA 01810
Phone: (978)557-8150 PO# Quote # WCI0305(00)
Sampler (Signature): [signature]

Matrix Key:
C = Concrete
WP = Wipe
WW = Wastewater
SW = Surface Water
GW = Groundwater
DW = Drinking Water
S = Soil/Sludge
O = Oil
E = Extract

Container Key
P=plastic G=glass

Preservation

Station Identification	Sample Date	Sample Time	Analysis	Unpres	4° C	HNO_3	H_2SO_4	HCL	Methanol	Other	Matrix	Container number/type		pH	Analytics Sample #
AA-VSS-292	8/13/10	1400	PCBs by U.S.		✓						S	1	G		67520 -12
AA-VSS-293	↓	1405	EPA 8082 w/ Soxhlet Extraction		✓						S	1	G		13

08/16/10

Email Results to: sfranklin, jreamy, jhamel

Turnaround Time (TAT)
- [ ] 24hr*
- [x] 48hr*
- [ ] 72hr*
- [ ] 5 Days*
- [ ] 10 Days

*Fee may apply; lab approval required

Comments / Instructions:
R.L. ≤1.0 mg/kg

Project Requirements:
*Fee may apply

Report Type:
- [ ] MCP*
- [x] Level II*
- [ ] CTRCP*
- [ ] Level III*
- [ ] DOD*
- [ ] Level IV*
- [ ] Standard

State:
- [ ] NH
- [ ] MA
- [ ] ME
- [x] CT
- [ ] RI
- Other:

State Standard: (eg. S-1 or GW-1)

EDD Required: Y N
Type: .xls

Received By: FEDEX Time: Date: 8/13/10
Received By: [signature] Time: 1100 Date: 08/14/10
Received By: Time: Date:
Relinquished By Sampler: [signature] Relinquished By: FEDEX Relinquished By: [signature] 08/14/10

Analytics\AEL Documents\AEL COC

Page 2 of 2

ANALYTICS SAMPLE RECEIPT CHECKLIST

analytics environmental laboratory LLC

AEL LAB#: 67520 COOLER NUMBER: N/A

CLIENT: WOODARD & CURRAN NUMBER OF COOLERS: 1

PROJECT: AMISTAD ACADEMY DATE RECEIVED: 08/14/10

A: PRELIMINARY EXAMINATION: DATE COOLER OPENED: 08/14/10

1. Cooler received by(initials): A Date Received: 08/14/10

2. Circle one: Hand delivered (If so, skip 3) Shipped

3. Did cooler come with a shipping slip? Y N

3a. Enter carrier name and airbill number here: FEDEX 7989 4497 3105

4. Were custody seals on the outside of cooler? Y N
How many & where: N/A Seal Date: N/A Seal Name: N/A

5. Did the custody seals arrive unbroken and intact upon arrival? Y N/A

6. COC#: N/A

7. Were Custody papers filled out properly (ink,signed, etc)? ~~Y~~ CP 8/16/10 N - No time as to when sampler relinquished samples

8. Were custody papers sealed in a plastic bag? Y N

9. Did you sign the COC in the appropriate place? Y N

10. Was the project identifiable from the COC papers? Y N

11. Was enough ice used to chill the cooler? Y N Temp. of cooler: 4°

B. Log-In: Date samples were logged in: 08/14/10 By: A

12. Type of packing in cooler(bubble wrap, popcorn) Y N

13. Were all bottles sealed in separate plastic bags? Y N

14. Did all bottles arrive unbroken and were labels in good condition? Y N

15. Were all bottle labels complete(ID,Date,time,etc.) Y N

16. Did all bottle labels agree with custody papers? Y N

17. Were the correct containers used for the tests indicated: Y N

18. Were samples received at the correct pH? ~~Y~~ CP 8/16/10 N/A

19. Was sufficient amount of sample sent for the tests indicated? Y N

20. Were bubbles absent in VOA samples? Y N A

If NO, List Sample ID's and Lab #s:

21. Laboratory labeling verified by (initials): M Date: 8/14/10

From: Origin ID: BNHA (203) 271-0379
Jesse Ream
WOODARD & CURRAN INC
1520 HIGHLAND AVENUE

CHESHIRE, CT 06410

FedEx Express

J10201005250225

Ship Date: 13AUG10
ActWgt: 30.0 LB
CAD: 2185050/INET3060

Delivery Address Bar Code

Ref # 223019.00
Invoice #
PO #
Dept #

SHIP TO: (603) 436-5111 BILL SENDER

Analytics Enviro Labs, LLC
Analytics Enviro Labs, LLC
195 COMMERCE WAY UNIT E

PORTSMOUTH, NH 03801

TRK# 0201 7989 4497 3105

SATURDAY ### A2
PRIORITY OVERNIGHT

03801
NH-US
MHT

X0 IGGA

RT 388 1
FZ 389 3105 08.14

508G4/33D6/9A24

After printing this label:
1. Use the 'Print' button on this page to print your label to your laser or inkjet printer.
2. Fold the printed page along the horizontal line.
3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

Warning: Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com.FedEx will not be responsible for any claim in excess of $100 per package, whether the result of loss, damage, delay, non-delivery,misdelivery,or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim.Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic valueof the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental,consequential, or special is limited to the greater of $100 or the authorized declared value. Recovery cannot exceed actual documented loss.Maximum for items of extraordinary value is $500, e.g. jewelry, precious metals, negotiable instruments and other items listed in our ServiceGuide. Written claims must be filed within strict time limits, see current FedEx Service Guide.

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

August 24, 2010

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

RE: Analytical Results Case Narrative
Analytics # 67533
AMISTAD ACADEMY

Dear Mr. Franklin;

Enclosed please find the analytical results for samples submitted for the above-mentioned project. The attached Cover Page lists the sample IDs, Lab tracking numbers and collection dates for the samples included in this deliverable.

Samples were analyzed Polychlorinated Biphenyls (PCBs) by EPA Method 8082.

Unless otherwise noted in the Non-conformance Summary listed below, all of the quality control (QC) criteria including initial calibration, calibration verification, surrogate recovery, holding time and method accuracy/precision for these analyses were within acceptable limits.

This Level II data package has been assembled in the following order:

Case Narrative/Non-Conformance Summary
Sample Log Sheet - Cover Page
PCB Form 1 Data Sheet for Samples and Blanks
Chromatograms
PCB Form 10 Confirmation Results
PCB Form 3 MS/MSD (LCS) Recoveries
Chain of Custody (COC) Forms

QC NON-CONFORMANCE SUMMARY

Sample Receipt:
No exceptions.

PCBs by EPA Method 8082:
No results were reported below the quantitation limit.

Column#2 had some analytes with marginally high recoveries in the continuing calibration standards. Column#1 was in control for all analytes. Results were reported off of column#1 without qualification. In some instances this may be the lower result.

If you have any questions on these results, please do not hesitate to contact me.

Sincerely,
ANALYTICS Environmental Laboratory, LLC

Stephen L. Knollmeyer
Laboratory Director

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

Report Number: 67533

Revision: Rev. 0

Re: Amistad Academy (Project No: 223019)

Enclosed are the results of the analyses on your sample(s). Samples were received on 18 August 2010 and analyzed for the tests listed. Samples were received in acceptable condition, with the exceptions noted below or on the chain of custody. These results pertain to samples as received by the laboratory and for the analytical tests requested on the chain of custody. The results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report. Please see individual reports for specific methodologies and references.

Sample Analysis: The attached pages detail the Client Sample IDs, Lab Sample IDs, and Analyses requested

Sample Receipt Exceptions: None

Analytics Environmental Laboratory is certified by the states of New Hampshire, Maine, Massachusetts, Connecticut, Rhode Island, Virginia, Maryland, and is accredited by the Deparment of Defense (DOD) ELAP program. A list of actual certified parameters is available upon request.

If you have any questions on these results, please do not hesitate to contact us.

Authorized signature _____
Stephen L. Knollmeyer Lab. Director

Date 8/24/2010

This report shall not be reproduced, except in full, without the written consent of Analytics Environmental Laboratory, LLC.

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

CLIENT: Woodard & Curran **REPORT NUMBER: 67533** **REV: Rev. 0**

PROJECT: Amistad Academy (Project No: 223019)

Lab Number	Sample Date	Station Location	Analysis	Comments
67533-1	08/17/10	AA-VSS-310	EPA 8082 (PCBs only)	
67533-2	08/17/10	AA-VSS-311	EPA 8082 (PCBs only)	
67533-3	08/17/10	AA-VSS-312	EPA 8082 (PCBs only)	
67533-4	08/17/10	AA-VSS-313	EPA 8082 (PCBs only)	
67533-5	08/17/10	AA-VSS-314	EPA 8082 (PCBs only)	
67533-6	08/17/10	AA-VSS-315	EPA 8082 (PCBs only)	
67533-7	08/17/10	AA-VSS-316	EPA 8082 (PCBs only)	
67533-8	08/17/10	AA-VSS-317	EPA 8082 (PCBs only)	
67533-9	08/17/10	AA-VSS-318	EPA 8082 (PCBs only)	
67533-10	08/17/10	AA-VSS-519	EPA 8082 (PCBs only)	
67533-11	08/17/10	AA-VSS-Q-320	EPA 8082 (PCBs only)	
67533-12	08/17/10	AA-VSS-321	EPA 8082 (PCBs only)	
67533-13	08/17/10	AA-VSS-322	EPA 8082 (PCBs only)	
67533-14	08/17/10	AA-VSS-323	Electronic Data Deliverable	
	08/17/10	AA-VSS-323	EPA 8082 (PCBs only)	

Surrogate Compound Limits

Matrix:	Aqueous	Solid	
Units:	% Recovery	% Recovery	Method
Volatile Organic Compounds - Drinking Water			
1,4-Difluorobenzene	70-130		EPA 524.2
Bromofluorobenzene	70-130		
1,2-Dichlorobenzene-d4	70-130		
Volatile Organic Compounds			
1,2-Dichloroethane-d4	70-120	70-120	EPA 624/8260B
Toluene-d8	85-120	85-120	
Bromofluorobenzene	75-120	75-120	
Semi-Volatile Organic Compounds			
2-Fluorophenol	20-110	35-105	EPA 625/8270C
d5-Phenol	15-110	40-100	
d5-nitrobenzene	40-110	35-100	
2-Fluorobiphenyl	50-110	45-105	
2,4,6-Tribromophenol	40-110	40-125	
d14-p-terphenyl	50-130	30-125	
PAH's by SIM			
d5-nitrobenzene	21-110	35-110	EPA 8270C
2-Fluorobiphenyl	36-121	45-105	
d14-p-terphenyl	33-141	30-125	
Pesticides and PCBs			
2,4,5,6-Tetrachloro-m-xylene (TCX)	46-122	40-130	EPA 608/8082
Decachlorobiphenyl (DCB)	40-135	40-130	
Herbicides			
Dichloroacetic acid (DCAA)	30-150	30-150	
Gasoline Range Organics/TPH Gasoline			
Trifluorotoluene TFT (FID)	60-140	60-140	MEDEP 4217/EPA 8015
Bromofluorobenzene (BFB) (FID)	60-140	60-140	
Trifluorotoluene TFT (PID)	60-140	60-140	
Bromofluorobenzene (BFB) (PID)	60-140	60-140	
Diesel Range Organics/TPH Diesel			
m-terphenyl	60-140	60-140	MEDEP 4125/EPA 8015/CT ETPH
Volatile Petroleum Hydrocarbons			
2,5-Dibromotoluene (PID)	70-130	70-130	MADEP VPH May 2004 Rev1.1
2,5-Dibromotoluene (FID)	70-130	70-130	
Extracatable Petroleum Hydrocarbons			
1-chloro-octadecane (aliphatic)	40-140	40-140	MADEP EPH May 2004 Rev1.1
o-Terphenyl (aromatic)	40-140	40-140	
2-Fluorobiphenyl (Fractionation)	40-140	40-140	
2-Bromonaphthalene (fractionation)	40-140	40-140	

PCB
DATA SUMMARIES

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 23, 2010

SAMPLE DATA

Lab Sample ID: B081810PSOX
Matrix: Soil
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date:
Lab Receipt Date:
Extraction Date: 08/18/10
Analysis Date: 08/19/10

CLIENT SAMPLE ID

Project Name: Amistad Academy
Project Number: 223019
Field Sample ID: Lab QC

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	88	%
Decachlorobiphenyl	78	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

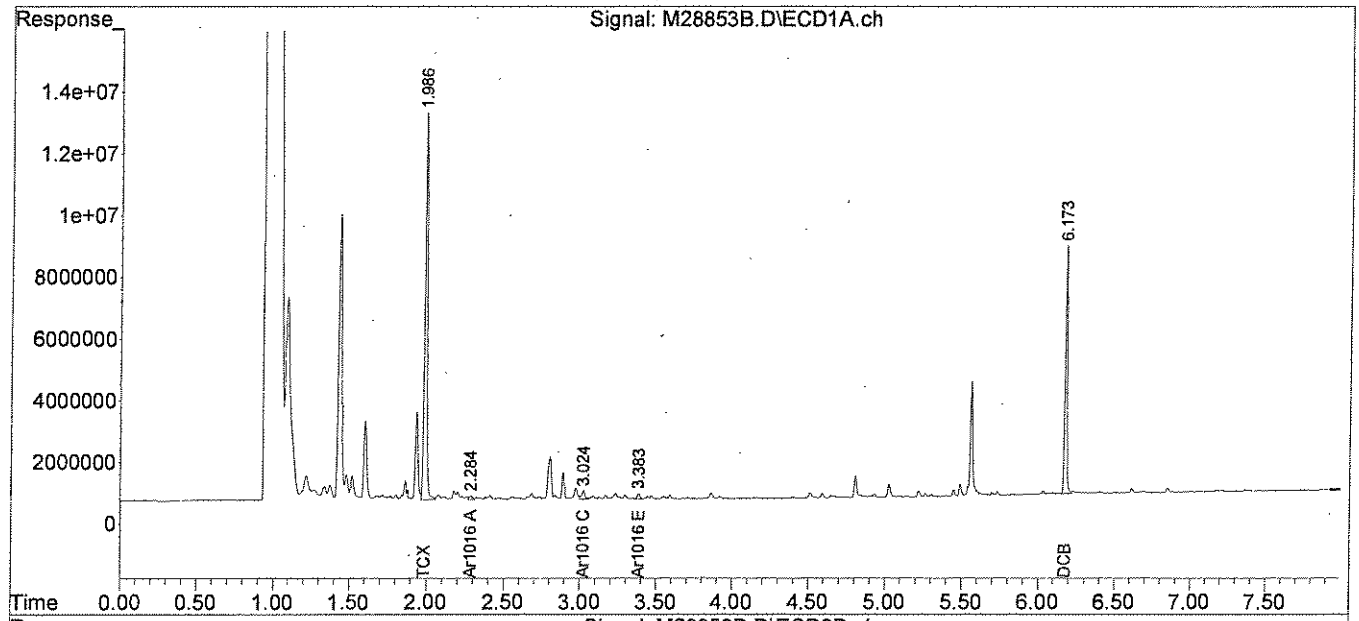
Authorized signature

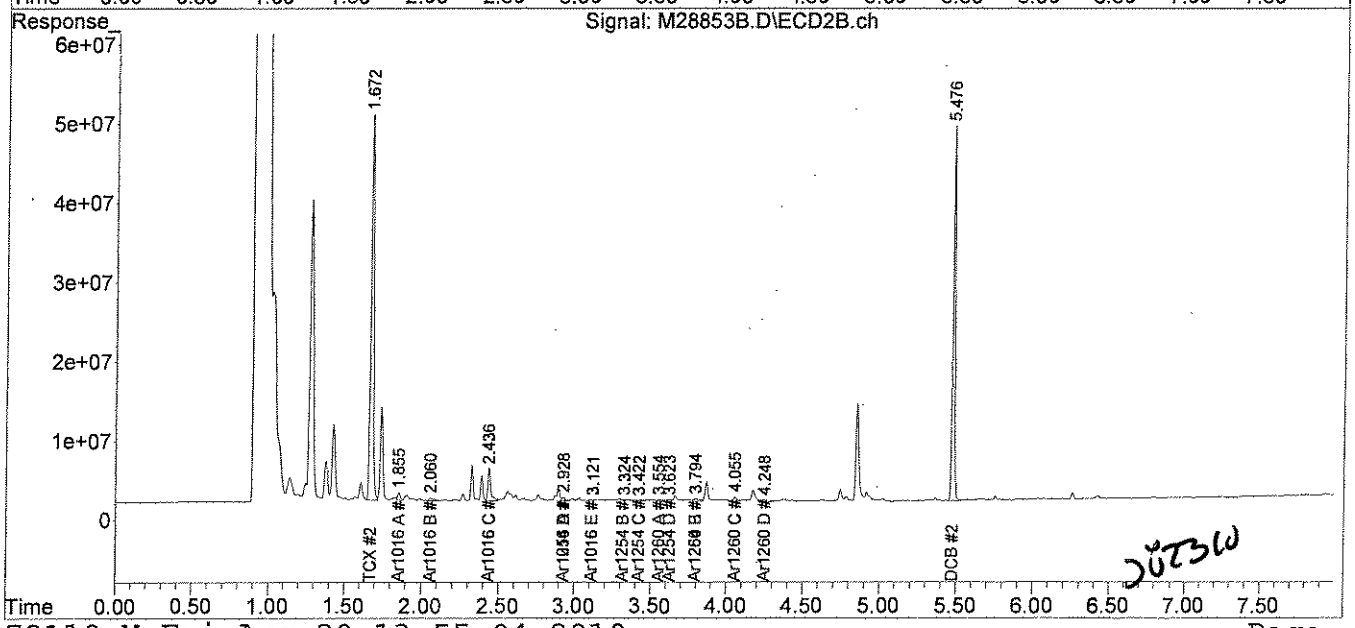
Data Path : C:\msdchem\1\DATA\081910-M\
Data File : M28853B.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2010 6:31 pm
Operator : JK
Sample : B081810PSOX,,A/C
Misc : SOIL
ALS Vial : 20 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 20 13:53:35 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Aug 19 17:57:26 2010
Response via : Initial Calibration
Integrator: ChemStation

JK 0823.10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





JK 0823.10

PCB072110.M Fri Aug 20 13:55:04 2010 Page: 2

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 24, 2010

SAMPLE DATA

Lab Sample ID:	B082010PW
Matrix:	Soil
Percent Solid:	N/A
Dilution Factor:	1.0
Collection Date:	
Lab Receipt Date:	
Extraction Date:	08/20/10
Analysis Date:	08/23/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	Lab QC

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	83	%
Decachlorobiphenyl	56	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB Report

Authorized signature

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 24, 2010

SAMPLE DATA

Lab Sample ID:	67533-11
Matrix:	Aqueous
Percent Solid:	N/A
Dilution Factor:	1.1
Collection Date:	08/17/10
Lab Receipt Date:	08/18/10
Extraction Date:	08/20/10
Analysis Date:	08/23/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-Q-320

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/L	Results µg/L
PCB-1016	0.2	U
PCB-1221	0.2	U
PCB-1232	0.2	U
PCB-1242	0.2	U
PCB-1248	0.2	U
PCB-1254	0.2	U
PCB-1260	0.2	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	85	%
Decachlorobiphenyl	53	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS:

PCB Report

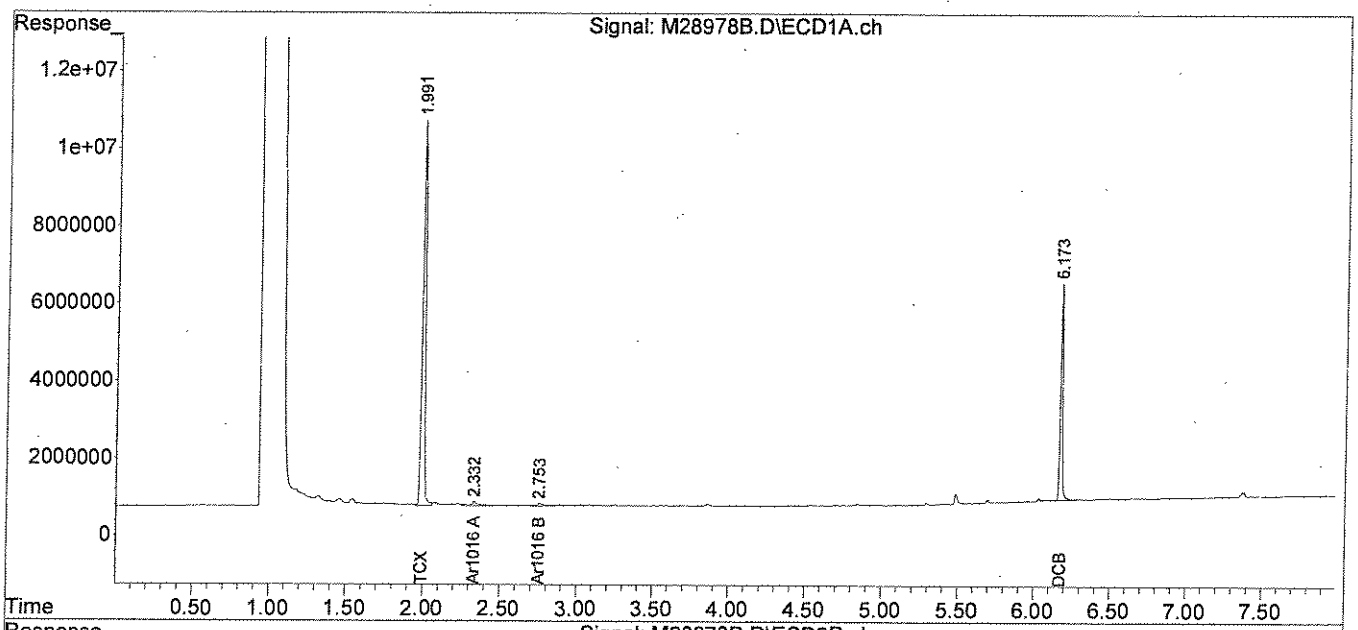
Authorized signature

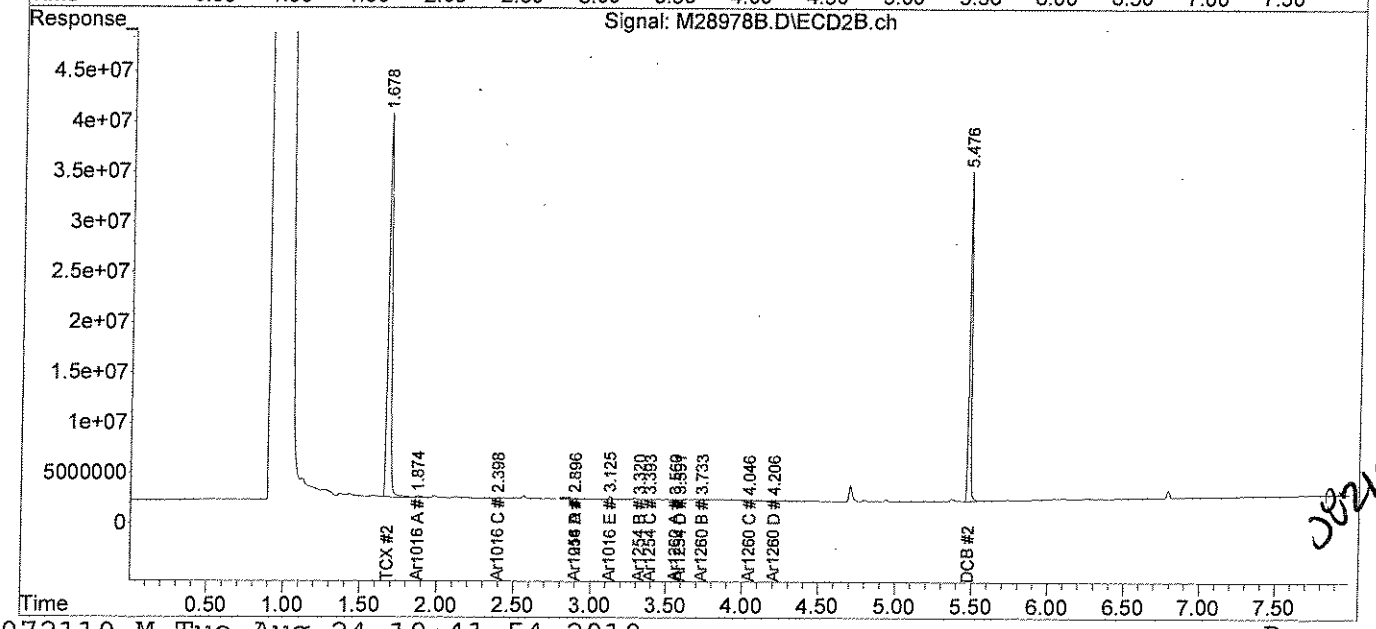
Data Path : C:\msdchem\1\DATA\082310-M\
Data File : M28978B.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Aug 2010 7:29 pm
Operator : JK
Sample : B082010PW
Misc :
ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 24 10:41:54 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Aug 19 17:57:26 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um

VL 08.24.1





JC 8210

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 23, 2010

SAMPLE DATA

Lab Sample ID: 67533-1
Matrix: Solid
Percent Solid: 96
Dilution Factor: 1.0
Collection Date: 08/17/10
Lab Receipt Date: 08/18/10
Extraction Date: 08/18/10
Analysis Date: 08/19/10

CLIENT SAMPLE ID

Project Name: Amistad Academy
Project Number: 223019
Field Sample ID: AA-VSS-310

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	95	%
Decachlorobiphenyl	102	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB Report

Authorized signature

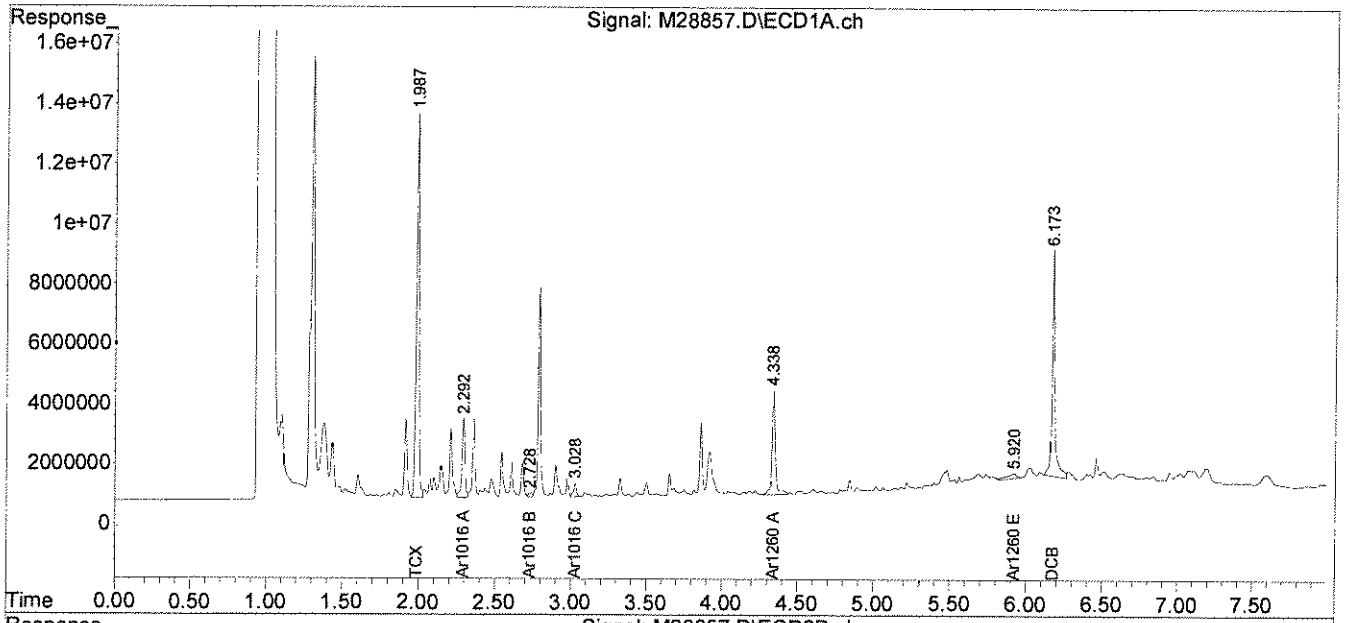
Quantitation Report (Not Reviewed)

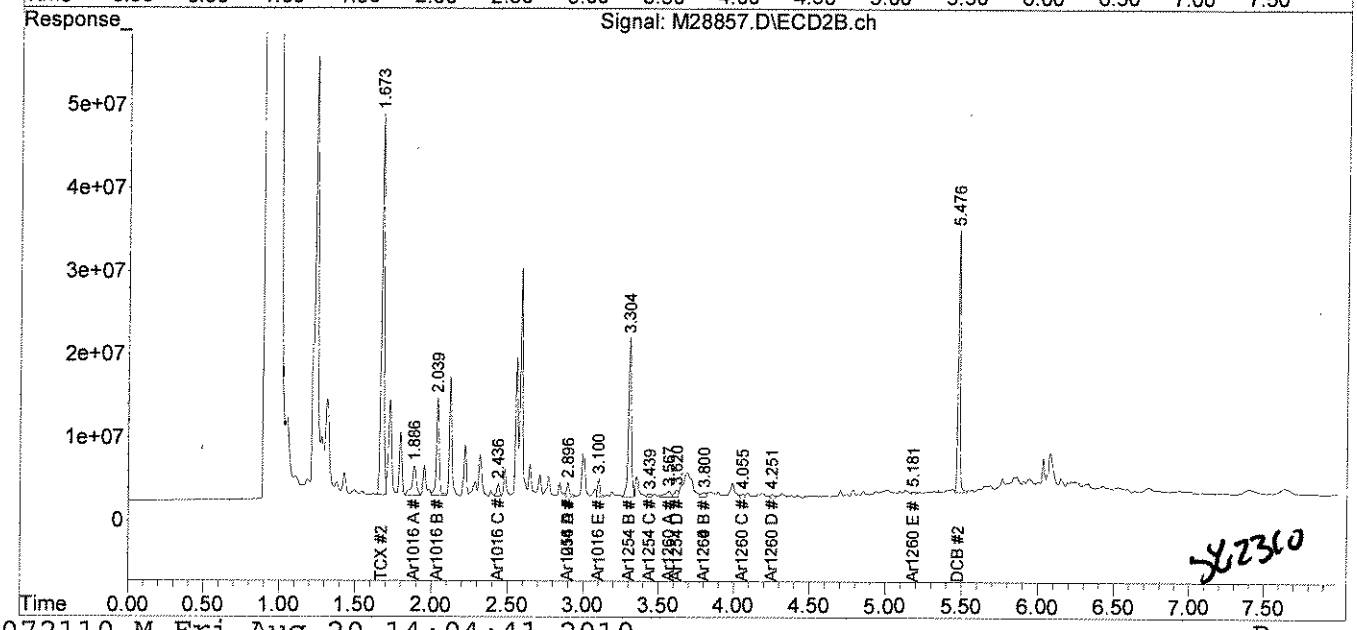
Data Path : C:\msdchem\1\DATA\081910-M\
Data File : M28857.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2010 7:12 pm
Operator : JK
Sample : 67533-1,,A/C
Misc : SOIL
ALS Vial : 24 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 20 13:53:43 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:29 2010
Response via : Initial Calibration
Integrator: ChemStation

JC 08-23-10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





342360

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 23, 2010

SAMPLE DATA

Lab Sample ID:	67533-2
Matrix:	Solid
Percent Solid:	91
Dilution Factor:	1.1
Collection Date:	08/17/10
Lab Receipt Date:	08/18/10
Extraction Date:	08/18/10
Analysis Date:	08/19/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-311

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	36	U
PCB-1221	36	U
PCB-1232	36	U
PCB-1242	36	U
PCB-1248	36	U
PCB-1254	36	U
PCB-1260	36	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	90	%
Decachlorobiphenyl	75	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB Report

Authorized signature

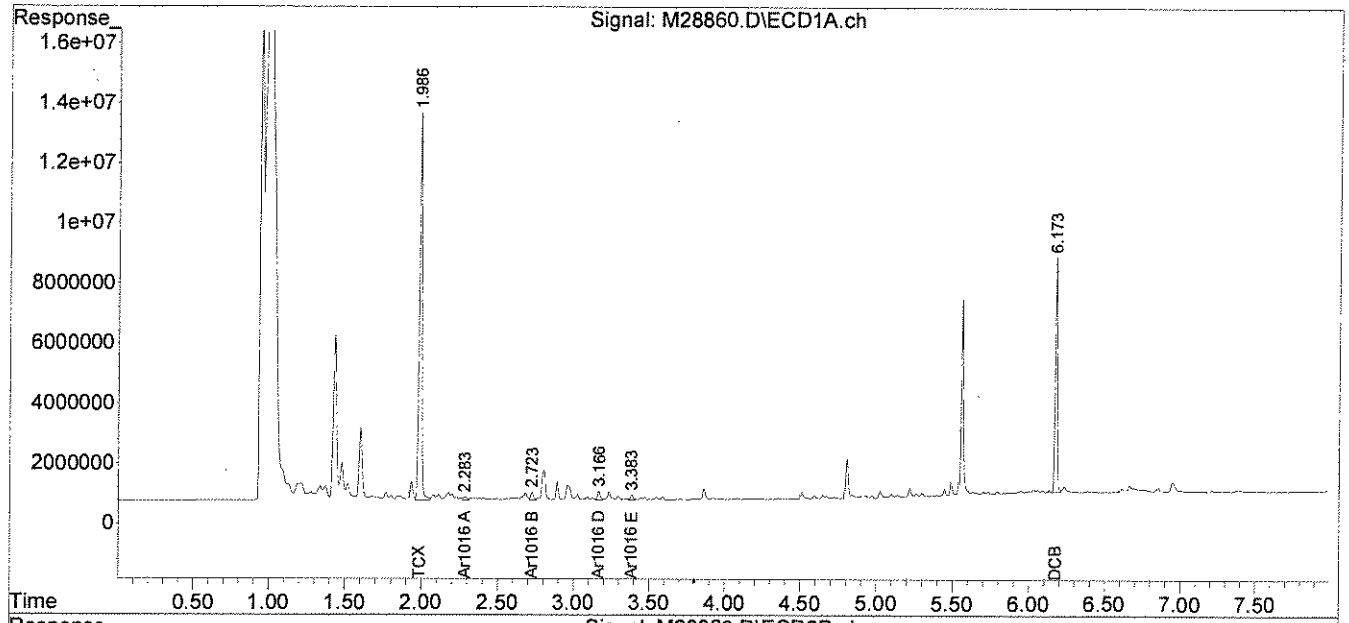
Quantitation Report (Not Reviewed)

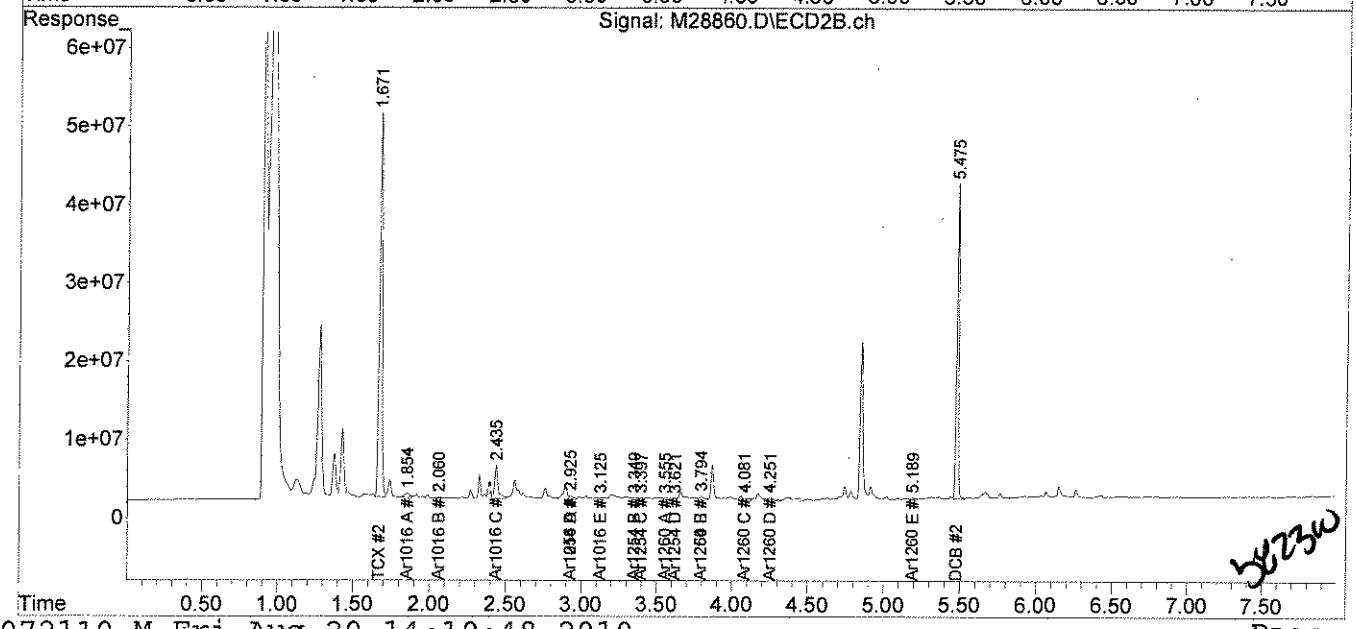
Data Path : C:\msdchem\1\DATA\081910-M\
Data File : M28860.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2010 7:43 pm
Operator : JK
Sample : 67533-2,,A/C
Misc : SOIL
ALS Vial : 27 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 20 13:53:49 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:29 2010
Response via : Initial Calibration
Integrator: ChemStation

JL 08-23-10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 23, 2010

SAMPLE DATA

CLIENT SAMPLE ID

Project Name: Amistad Academy

Project Number: 223019

Field Sample ID: AA-VSS-312

Lab Sample ID: 67533-3
Matrix: Solid
Percent Solid: 95
Dilution Factor: 1.0
Collection Date: 08/17/10
Lab Receipt Date: 08/18/10
Extraction Date: 08/18/10
Analysis Date: 08/19/10

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	95	%
Decachlorobiphenyl	75	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB Report

Authorized signature

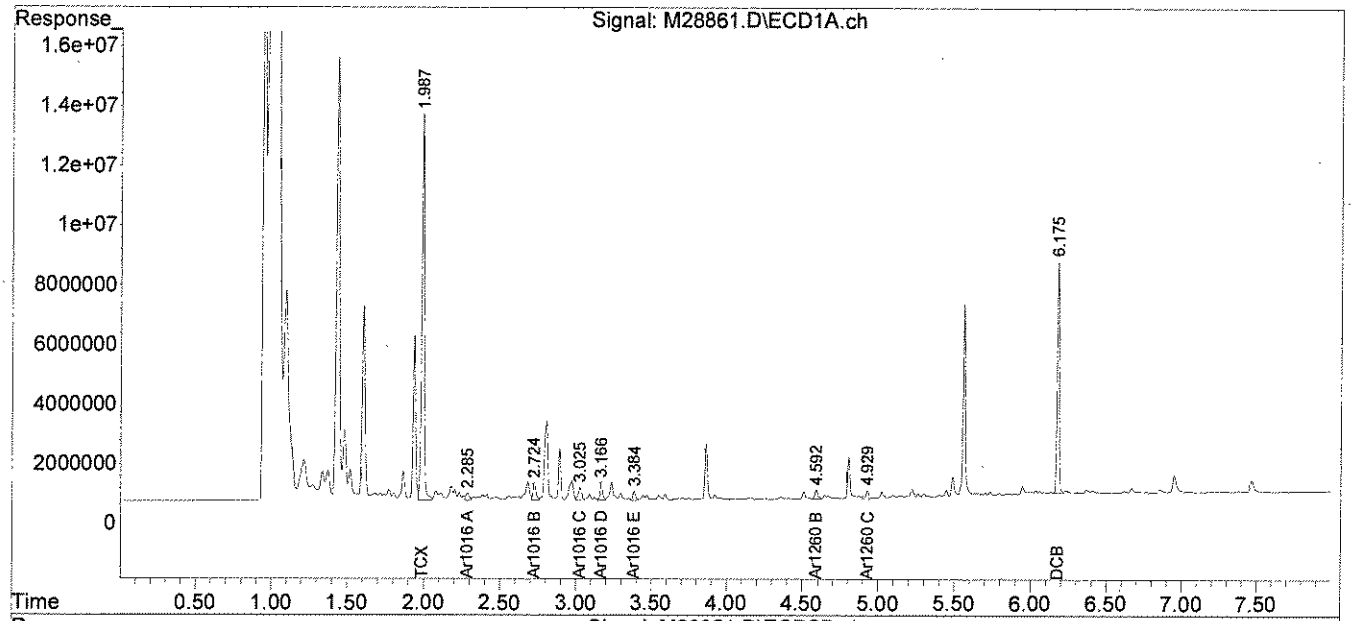
Quantitation Report (Not Reviewed)

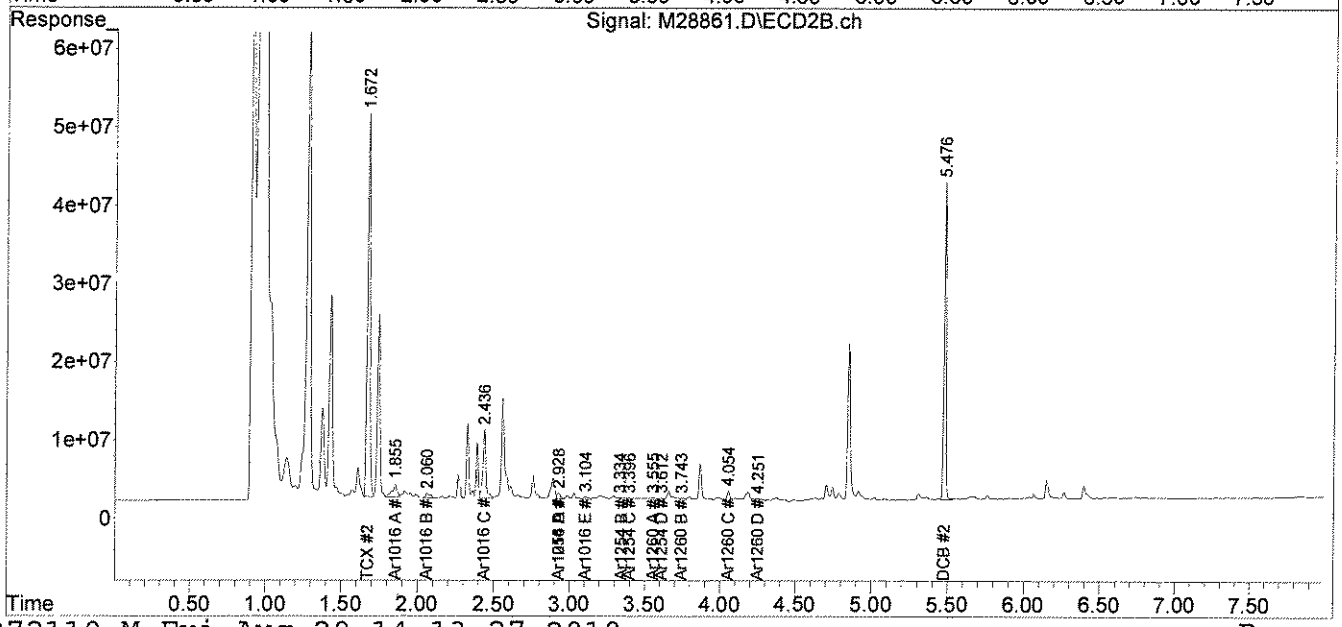
Data Path : C:\msdchem\1\DATA\081910-M\
Data File : M28861.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2010 7:53 pm
Operator : JK
Sample : 67533-3,,A/C
Misc : SOIL
ALS Vial : 28 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 20 13:53:51 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:29 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um

JL 08-23-10





JL 08-23-10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 23, 2010

SAMPLE DATA

CLIENT SAMPLE ID

Project Name: Amistad Academy

Project Number: 223019

Field Sample ID: AA-VSS-313

Lab Sample ID: 67533-4
Matrix: Solid
Percent Solid: 96
Dilution Factor: 1.0
Collection Date: 08/17/10
Lab Receipt Date: 08/18/10
Extraction Date: 08/18/10
Analysis Date: 08/19/10

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	88	%
Decachlorobiphenyl	74	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

Quantitation Report (QT Reviewed)

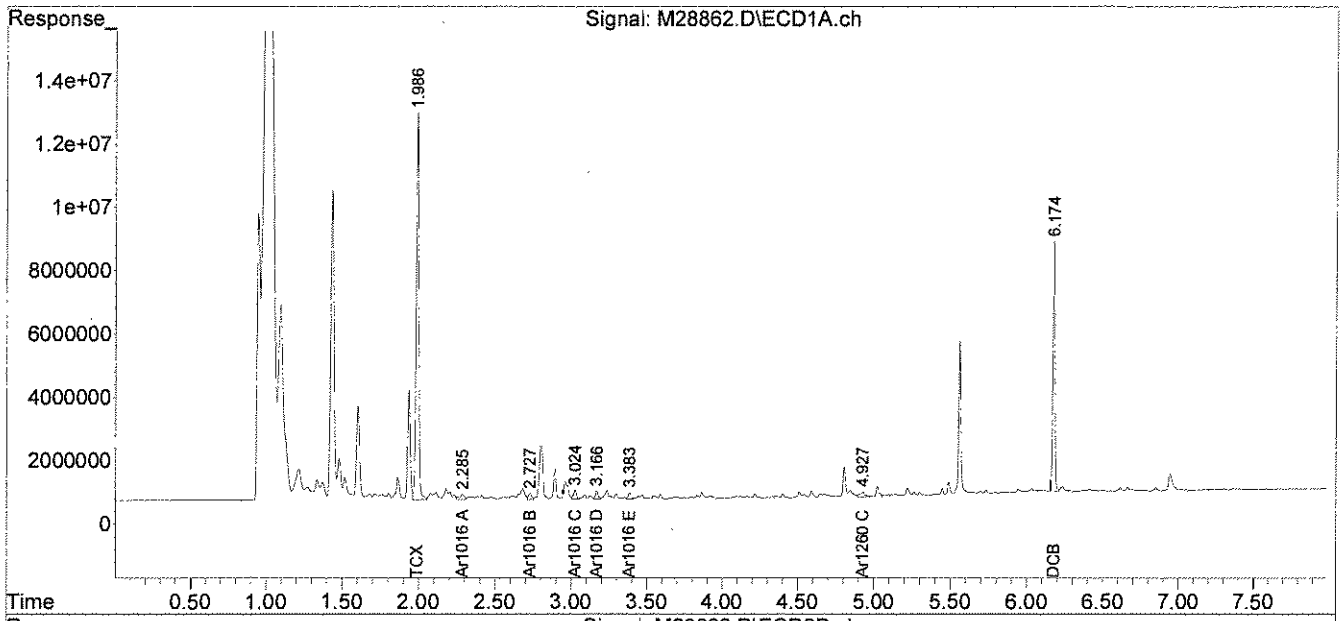
Data Path : C:\msdchem\1\DATA\081910-M\
Data File : M28862.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2010 8:03 pm
Operator : JK
Sample : 67533-4,,A/C
Misc : SOIL
ALS Vial : 29 Sample Multiplier: 1

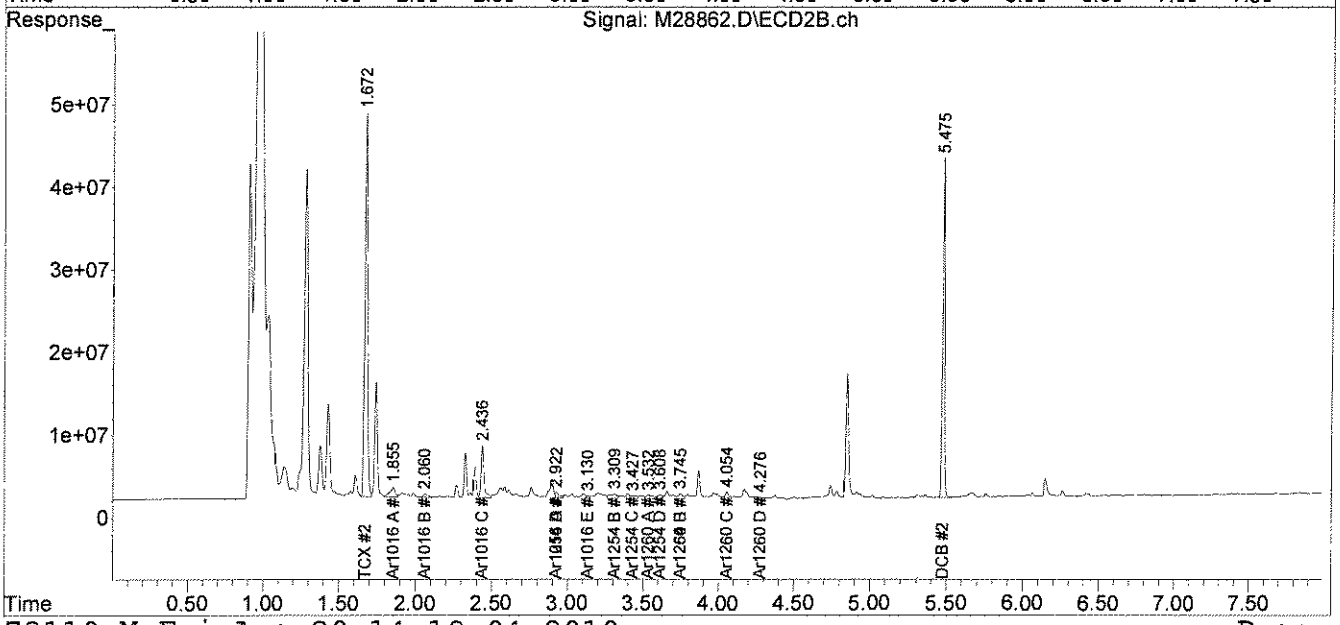
Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 20 13:53:53 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:29 2010
Response via : Initial Calibration
Integrator: ChemStation

JL 8.20.10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um

JL 08.23.10





analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 23, 2010

SAMPLE DATA

CLIENT SAMPLE ID

Project Name: Amistad Academy

Project Number: 223019

Field Sample ID: AA-VSS-314

Lab Sample ID: 67533-5
Matrix: Solid
Percent Solid: 93
Dilution Factor: 1.0
Collection Date: 08/17/10
Lab Receipt Date: 08/18/10
Extraction Date: 08/18/10
Analysis Date: 08/19/10

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	**806**
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	84	%
Decachlorobiphenyl	81	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67533
Sample: 67533-5,,A/C
Data File: M28863.D
Dilution Factor: 1.0

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	806	699	14.2	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

PCB FORM 10

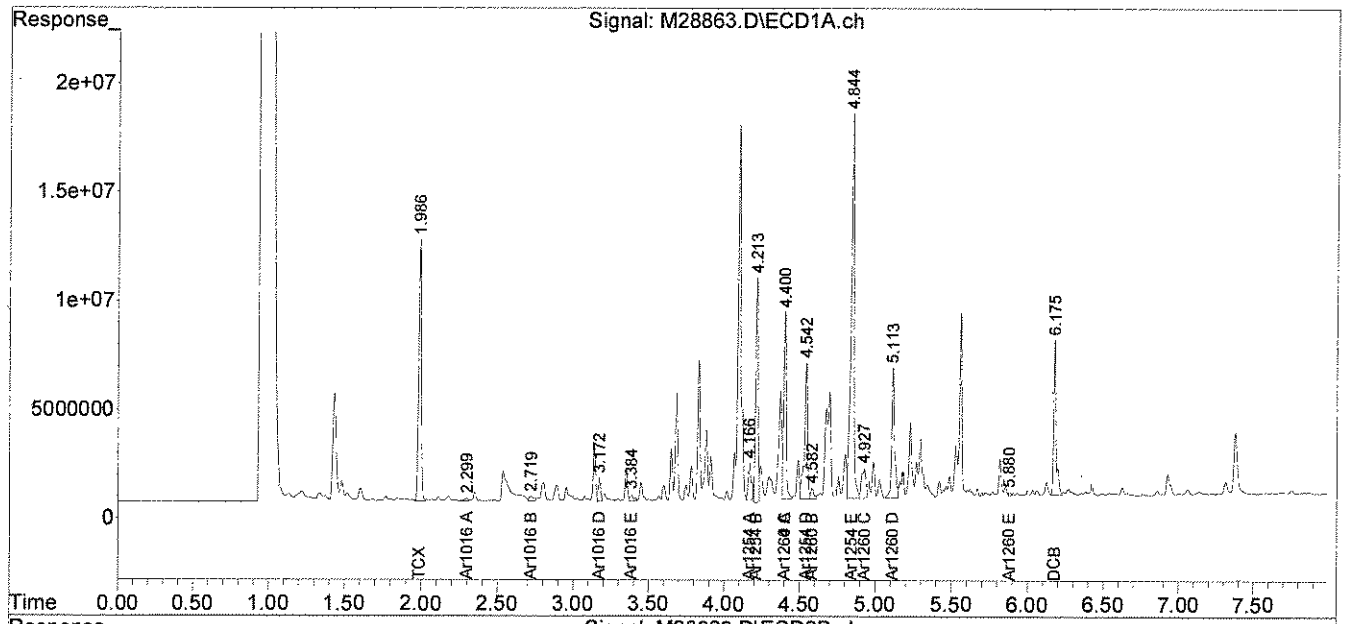
Quantitation Report (QT Reviewed)

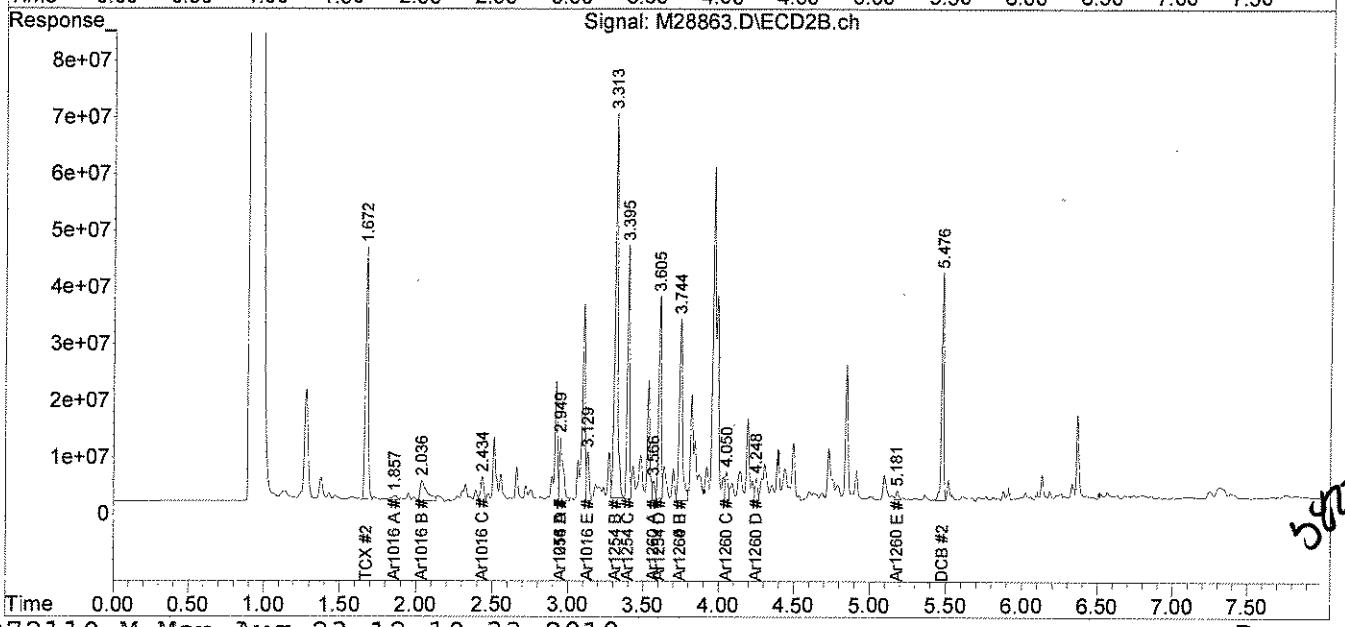
Data Path : C:\msdchem\1\DATA\081910-M\
Data File : M28863.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2010 8:14 pm
Operator : JK
Sample : 67533-5,,A/C
Misc : SOIL
ALS Vial : 30 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 23 12:10:22 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:29 2010
Response via : Initial Calibration
Integrator: ChemStation

JL 08-23-10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





58230

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 24, 2010

SAMPLE DATA

Lab Sample ID: 67533-6
Matrix: Solid
Percent Solid: 93
Dilution Factor: 5
Collection Date: 08/17/10
Lab Receipt Date: 08/18/10
Extraction Date: 08/18/10
Analysis Date: 08/23/10

CLIENT SAMPLE ID

Project Name: Amistad Academy
Project Number: 223019
Field Sample ID: AA-VSS-315

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	170	U
PCB-1221	170	U
PCB-1232	170	U
PCB-1242	170	U
PCB-1248	170	U
PCB-1254	170	**1800**
PCB-1260	170	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	103	%
Decachlorobiphenyl	81	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67533
Sample: 67533-6,1:5,,A/C
Data File: M28982.D
Dilution Factor: 5.2

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	1797	2204	20.3	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

PCB FORM 10

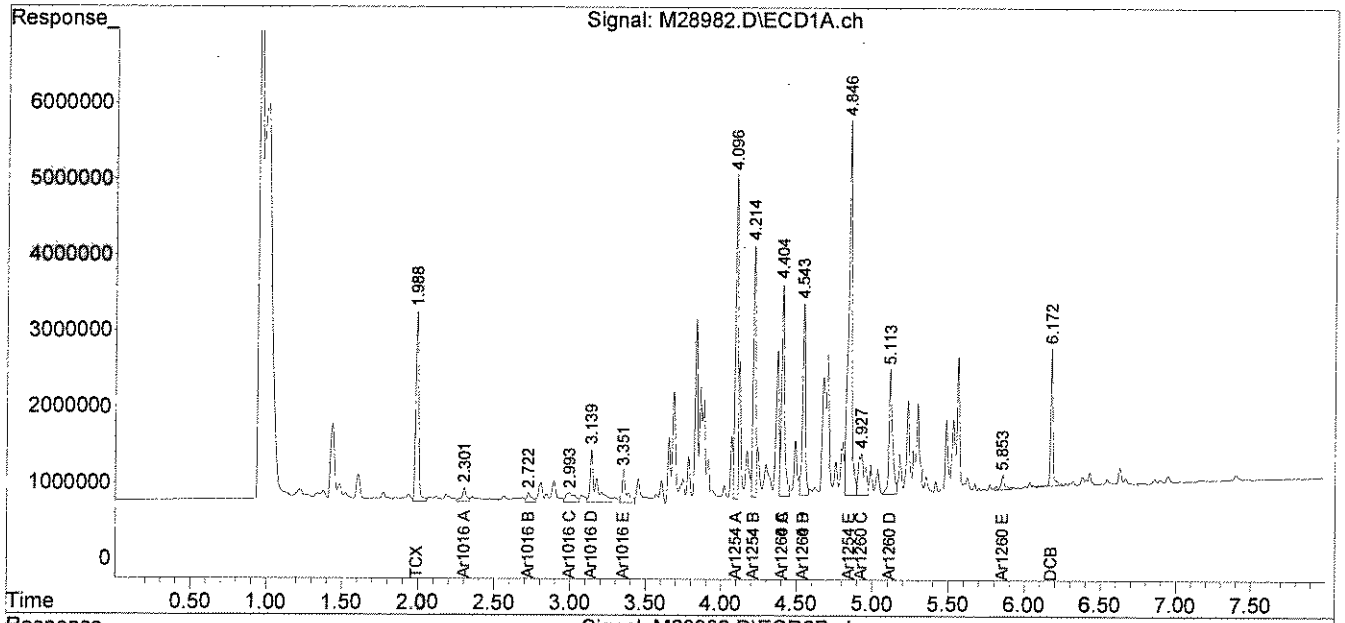
Quantitation Report (QT Reviewed)

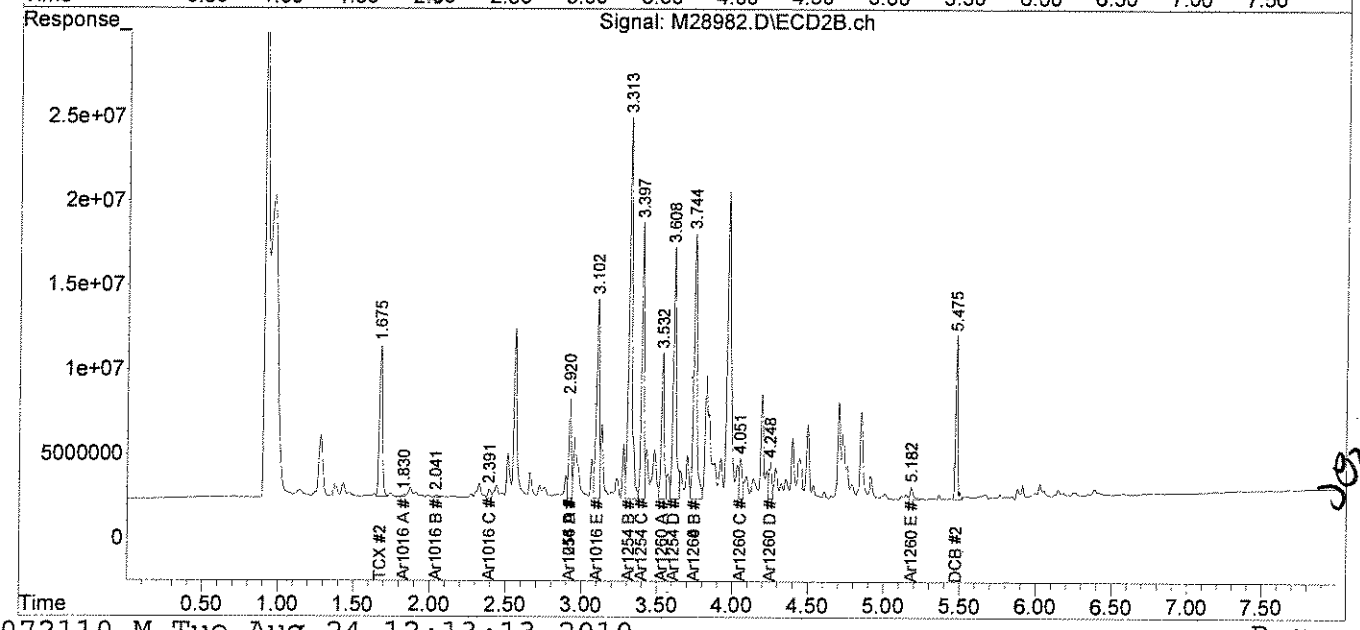
Data Path : C:\msdchem\1\DATA\082310-M\
Data File : M28982.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Aug 2010 8:10 pm
Operator : JK
Sample : 67533-6,1:5,,A/C
Misc : SOIL
ALS Vial : 25 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 24 12:12:27 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Aug 19 17:57:26 2010
Response via : Initial Calibration
Integrator: ChemStation

JL 08-24-10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





JL 08-24-10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 24, 2010

SAMPLE DATA

Lab Sample ID:	67533-7
Matrix:	Solid
Percent Solid:	91
Dilution Factor:	11
Collection Date:	08/17/10
Lab Receipt Date:	08/18/10
Extraction Date:	08/18/10
Analysis Date:	08/23/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-316

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	360	U
PCB-1221	360	U
PCB-1232	360	U
PCB-1242	360	U
PCB-1248	360	U
PCB-1254	360	**5390**
PCB-1260	360	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	109	%
Decachlorobiphenyl	75	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67533
Sample: 67533-7,1:10,,A/C
Data File: M28983.D
Dilution Factor: 10.5

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	5388	5311	1.4	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

PCB FORM 10

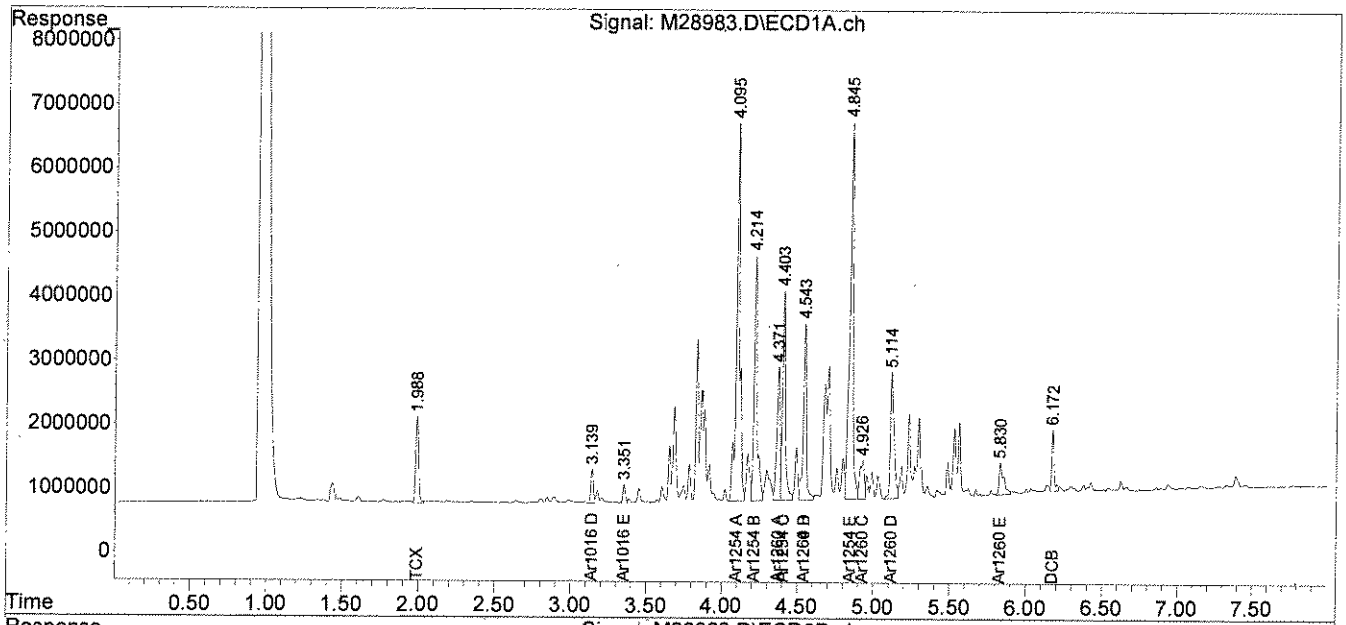
Quantitation Report (Not Reviewed)

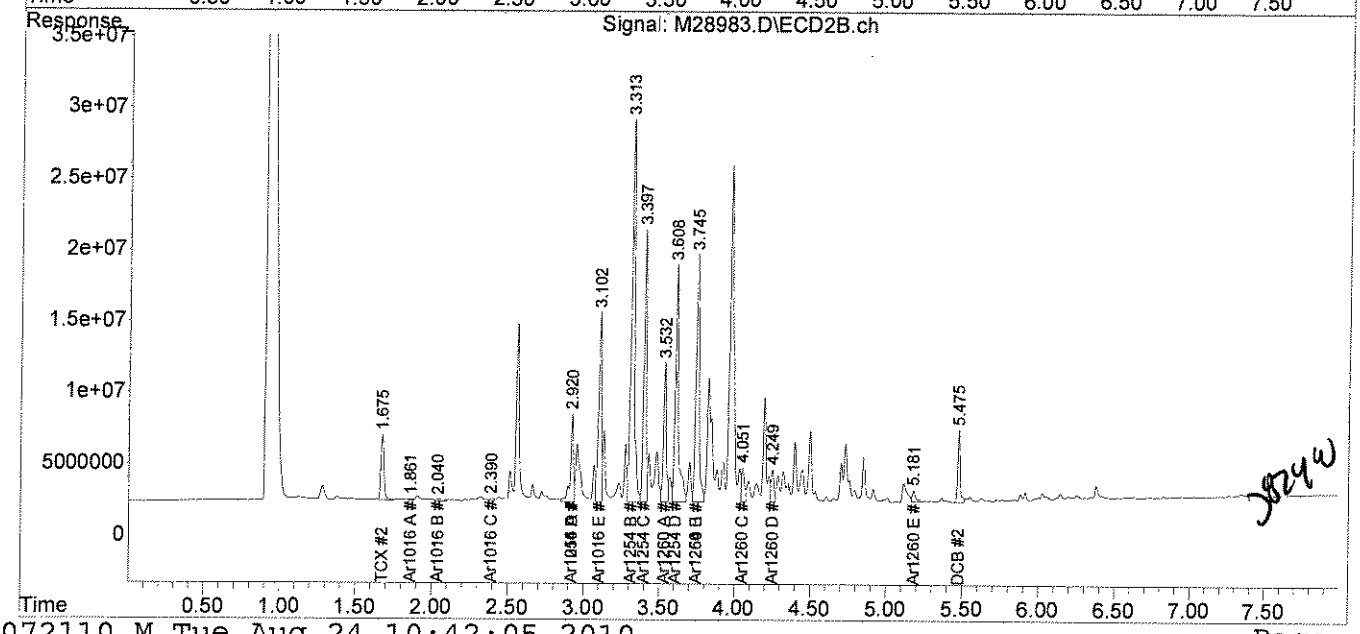
Data Path : C:\msdchem\1\DATA\082310-M\
Data File : M28983.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Aug 2010 8:20 pm
Operator : JK
Sample : 67533-7,1:10,,A/C
Misc : SOIL
ALS Vial : 26 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 24 10:42:05 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Aug 19 17:57:26 2010
Response via : Initial Calibration
Integrator: ChemStation

JL 08.24.10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





JL 08.24.10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 24, 2010

SAMPLE DATA

Lab Sample ID:	67533-8
Matrix:	Solid
Percent Solid:	95
Dilution Factor:	10
Collection Date:	08/17/10
Lab Receipt Date:	08/18/10
Extraction Date:	08/18/10
Analysis Date:	08/23/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-317

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	330	U
PCB-1221	330	U
PCB-1232	330	U
PCB-1242	330	U
PCB-1248	330	U
PCB-1254	330	**4130**
PCB-1260	330	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	111	%
Decachlorobiphenyl	61	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67533
Sample: 67533-8,1:10,,A/C
Data File: M28984.D
Dilution Factor: 9.9

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	4132	4650	11.8	

Column to be used to flag RPD values greater than QC limit of 40%
* Values outside QC limits

Comments: _____

PCB FORM 10

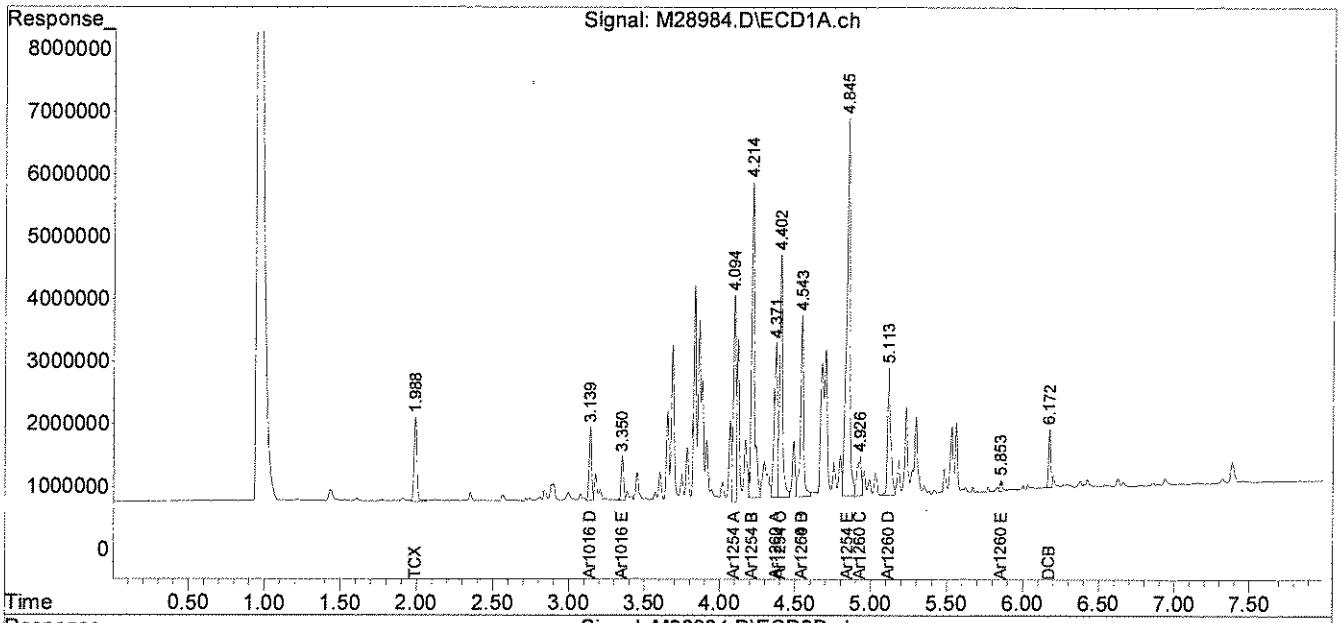
Quantitation Report (QT Reviewed)

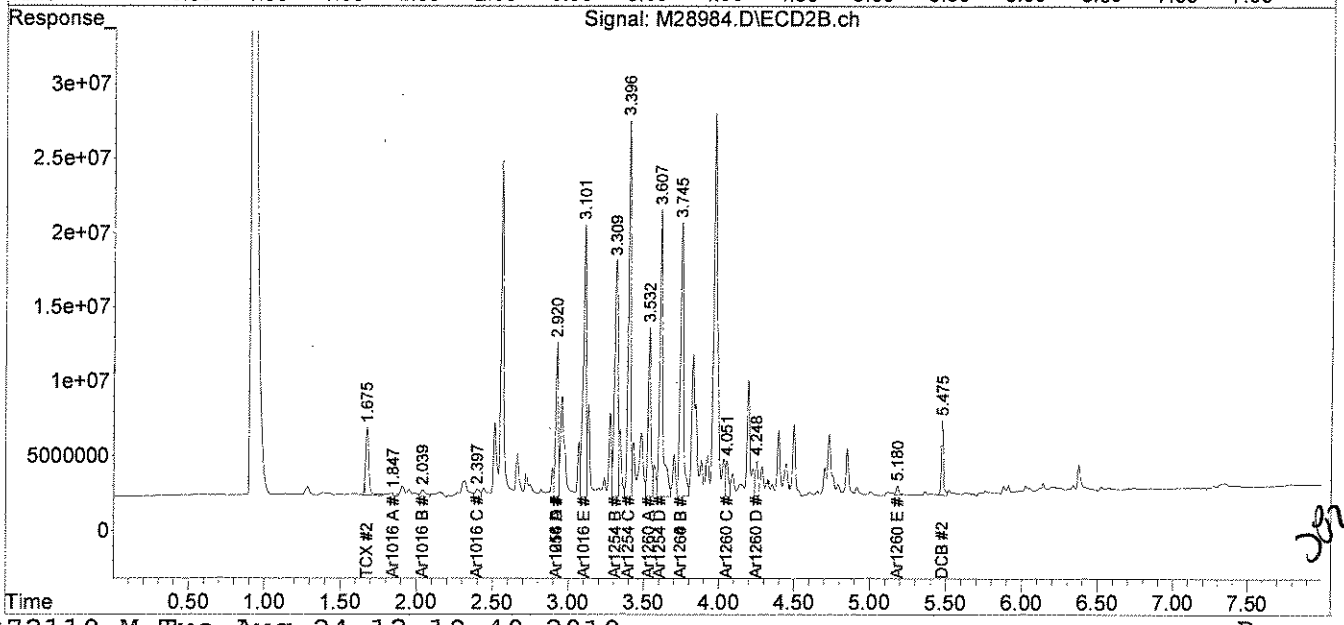
Data Path : C:\msdchem\1\DATA\082310-M\
Data File : M28984.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Aug 2010 8:30 pm
Operator : JK
Sample : 67533-8,1:10,,A/C
Misc : SOIL
ALS Vial : 27 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 24 12:18:32 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Aug 19 17:57:26 2010
Response via : Initial Calibration
Integrator: ChemStation

JL 08-24-10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





JL 08-24-10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 23, 2010

SAMPLE DATA

Lab Sample ID:	67533-9
Matrix:	Solid
Percent Solid:	91
Dilution Factor:	1.1
Collection Date:	08/17/10
Lab Receipt Date:	08/18/10
Extraction Date:	08/18/10
Analysis Date:	08/19/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-318

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	36	U
PCB-1221	36	U
PCB-1232	36	U
PCB-1242	36	U
PCB-1248	36	U
PCB-1254	36	**764**
PCB-1260	36	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	95	%
Decachlorobiphenyl	74	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67533
Sample: 67533-9,,A/C
Data File: M28867.D
Dilution Factor: 1.1

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	716	764	6.5	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

PCB FORM 10

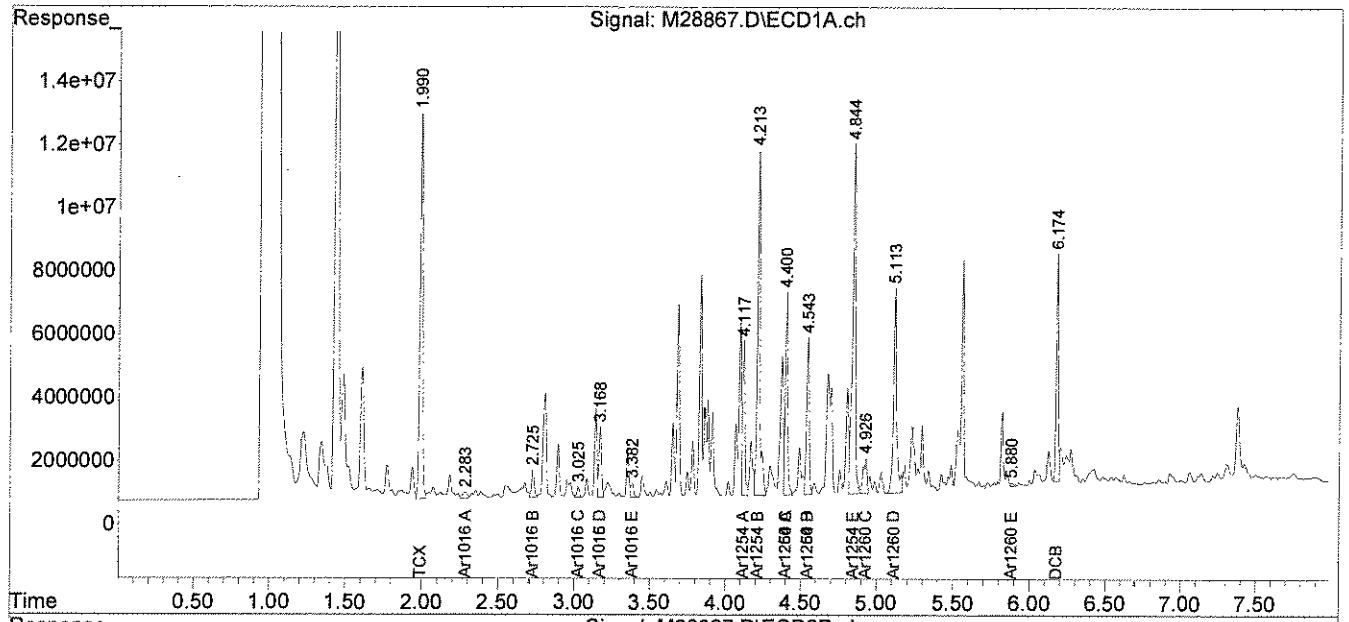
Quantitation Report (QT Reviewed)

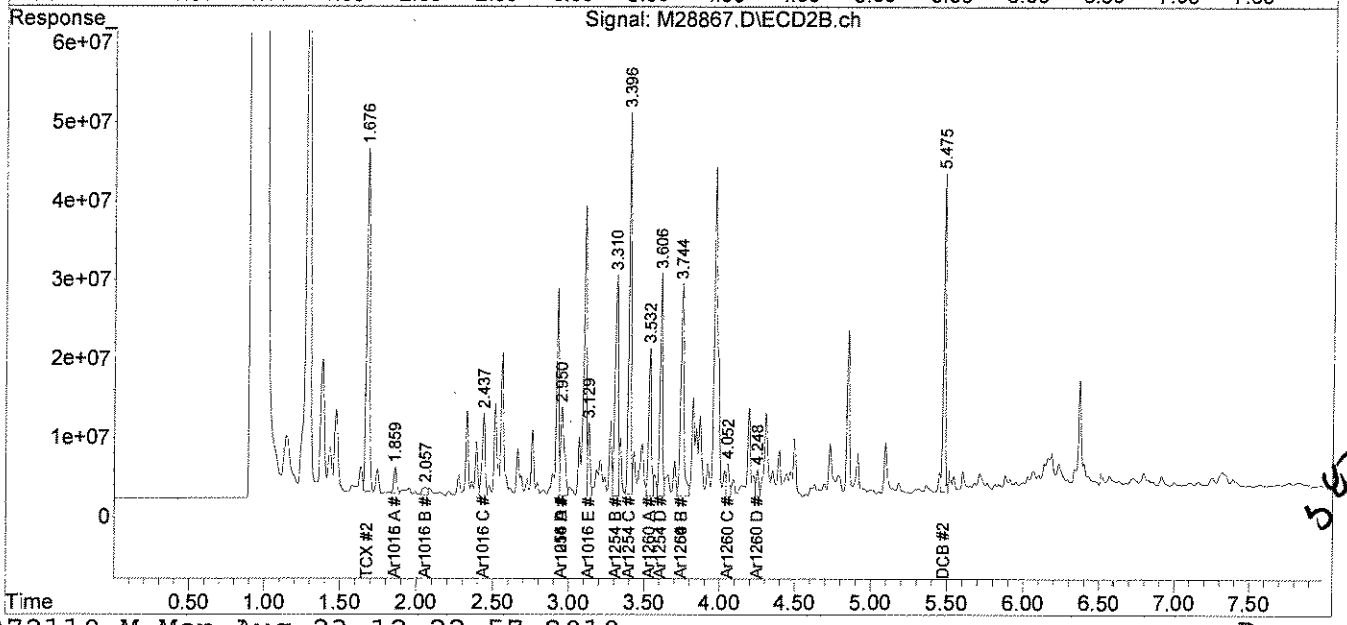
Data Path : C:\msdchem\1\DATA\081910-M\
Data File : M28867.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2010 8:55 pm
Operator : JK
Sample : 67533-9,,A/C
Misc : SOIL
ALS Vial : 34 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 23 12:22:32 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:29 2010
Response via : Initial Calibration
Integrator: ChemStation

JL 08-23-10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





5 023 W

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 24, 2010

SAMPLE DATA

Lab Sample ID:	67533-10
Matrix:	Solid
Percent Solid:	95
Dilution Factor:	2.0
Collection Date:	08/17/10
Lab Receipt Date:	08/18/10
Extraction Date:	08/18/10
Analysis Date:	08/23/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-519

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	66	U
PCB-1221	66	U
PCB-1232	66	U
PCB-1242	66	U
PCB-1248	66	U
PCB-1254	66	**1050**
PCB-1260	66	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	97	%
Decachlorobiphenyl	94	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67533
Sample: 67533-10,1:2,,A/C
Data File: M28985.D
Dilution Factor: 2.0

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	1054	1281	19.4	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

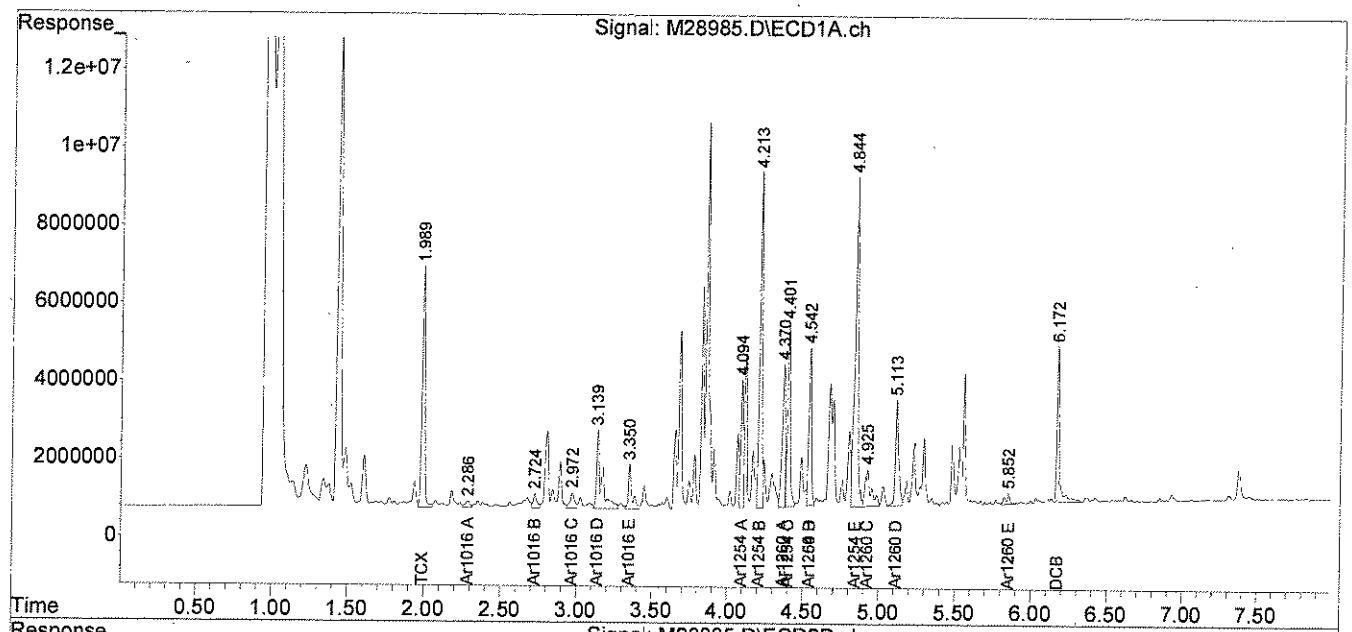
PCB FORM 10

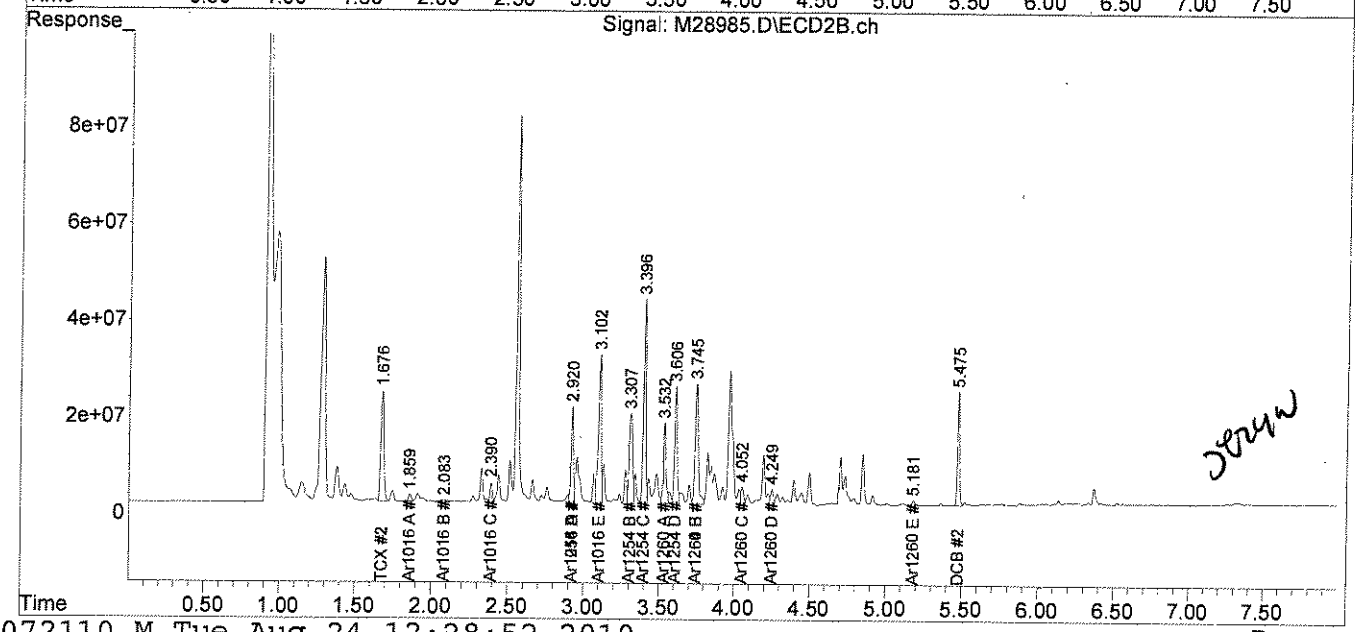
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\082310-M\
Data File : M28985.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Aug 2010 8:40 pm
Operator : JK
Sample : 67533-10,1:2,,A/C
Misc : SOIL
ALS Vial : 28 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 24 12:28:46 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Aug 19 17:57:26 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 24, 2010

SAMPLE DATA

Lab Sample ID:	67533-11
Matrix:	Aqueous
Percent Solid:	N/A
Dilution Factor:	1.1
Collection Date:	08/17/10
Lab Receipt Date:	08/18/10
Extraction Date:	08/20/10
Analysis Date:	08/23/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-Q-320

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/L	Results µg/L
PCB-1016	0.2	U
PCB-1221	0.2	U
PCB-1232	0.2	U
PCB-1242	0.2	U
PCB-1248	0.2	U
PCB-1254	0.2	U
PCB-1260	0.2	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	85	%
Decachlorobiphenyl	53	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS:

PCB Report

Authorized signature

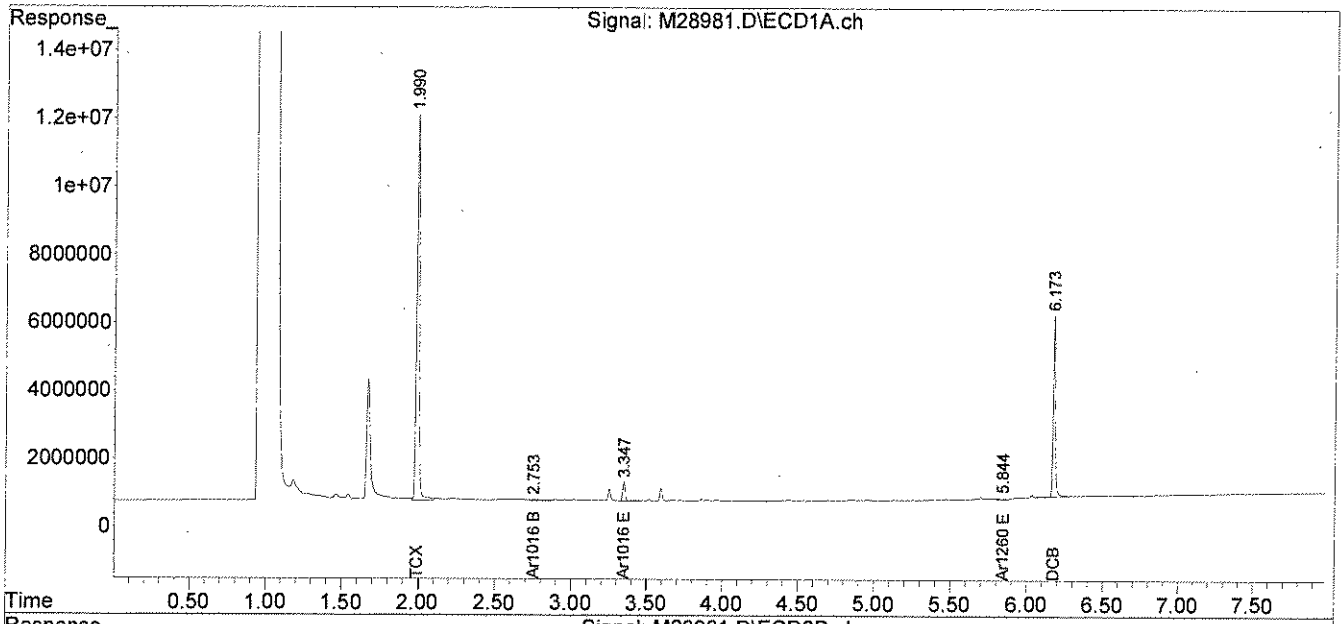
Quantitation Report (Not Reviewed)

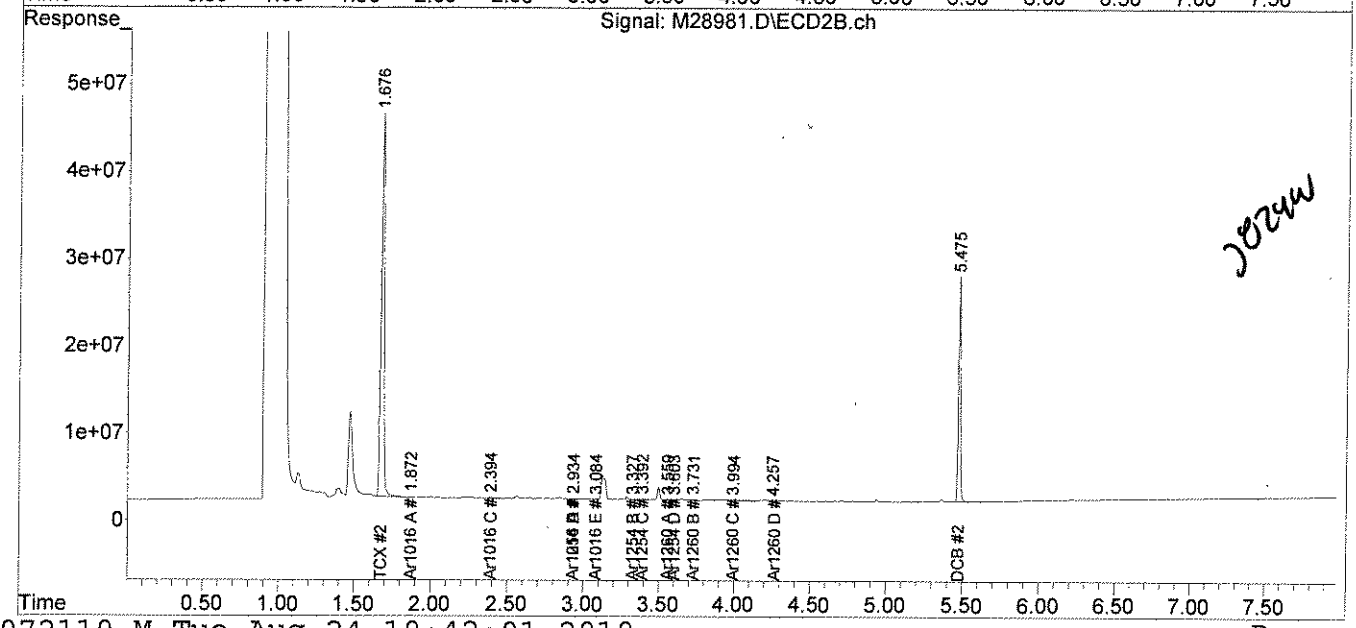
Data Path : C:\msdchem\1\DATA\082310-M\
Data File : M28981.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Aug 2010 7:59 pm
Operator : JK
Sample : 67533-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 24 10:42:01 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Aug 19 17:57:26 2010
Response via : Initial Calibration
Integrator: ChemStation

JL 08-24-10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





JL 08-24-10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 23, 2010

SAMPLE DATA

CLIENT SAMPLE ID

Project Name: Amistad Academy

Project Number: 223019

Field Sample ID: AA-VSS-321

Lab Sample ID: 67533-12
Matrix: Solid
Percent Solid: 89
Dilution Factor: 1.1
Collection Date: 08/17/10
Lab Receipt Date: 08/18/10
Extraction Date: 08/18/10
Analysis Date: 08/19/10

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	36	U
PCB-1221	36	U
PCB-1232	36	U
PCB-1242	36	U
PCB-1248	36	U
PCB-1254	36	U
PCB-1260	36	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	94	%
Decachlorobiphenyl	84	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB Report

Authorized signature

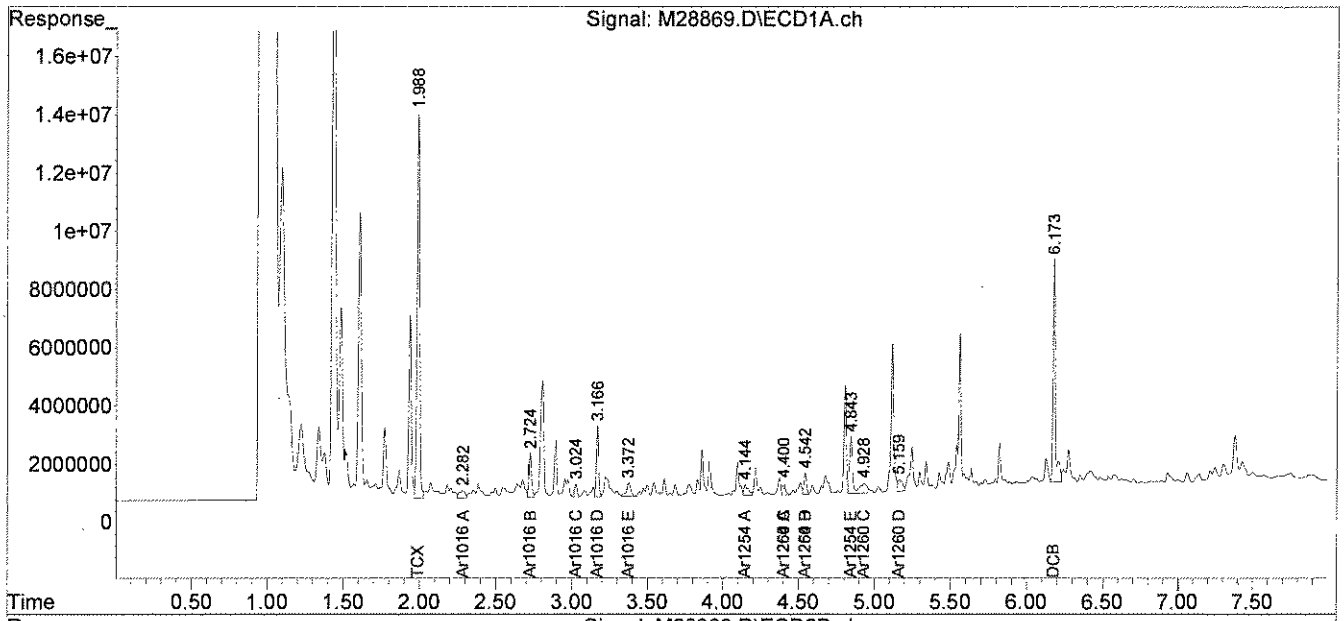
Quantitation Report (Not Reviewed)

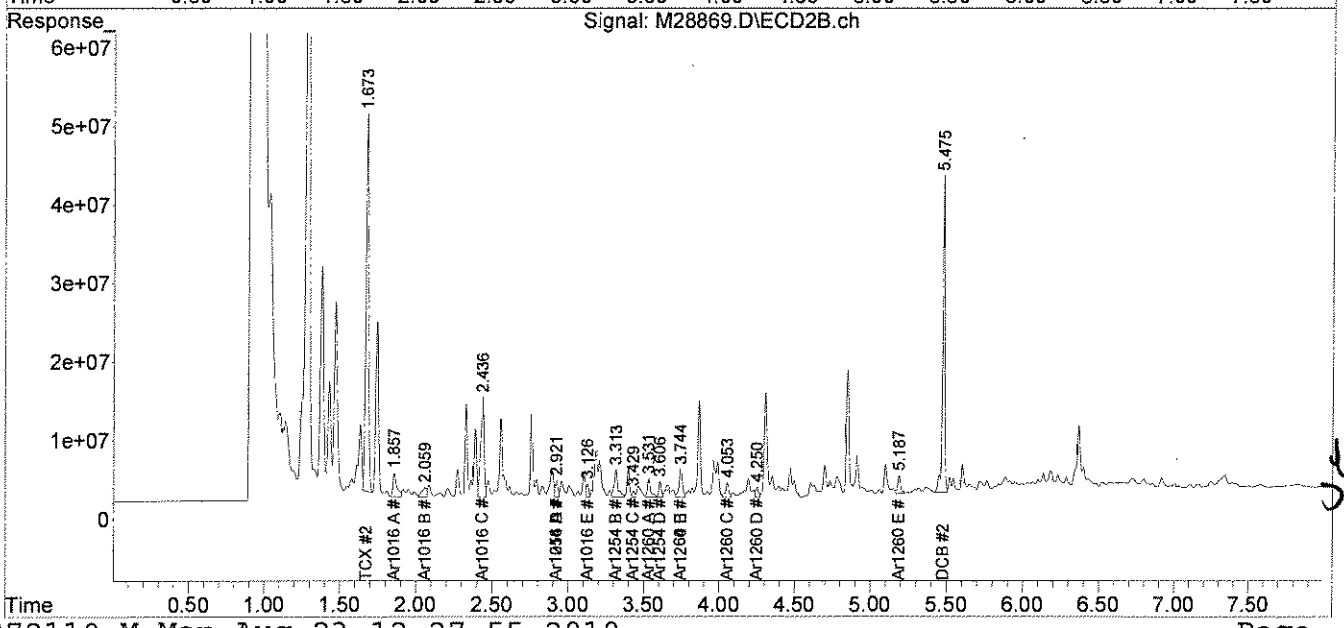
Data Path : C:\msdchem\1\DATA\081910-M\
Data File : M28869.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2010 9:15 pm
Operator : JK
Sample : 67533-12,,A/C
Misc : SOIL
ALS Vial : 36 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 20 13:54:07 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:29 2010
Response via : Initial Calibration
Integrator: ChemStation

JL 08-23-10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





JL 08-23-10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 23, 2010

SAMPLE DATA

CLIENT SAMPLE ID

Project Name: Amistad Academy

Project Number: 223019

Field Sample ID: AA-VSS-322

Lab Sample ID: 67533-13
Matrix: Solid
Percent Solid: 92
Dilution Factor: 1.0
Collection Date: 08/17/10
Lab Receipt Date: 08/18/10
Extraction Date: 08/18/10
Analysis Date: 08/19/10

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	91	%
Decachlorobiphenyl	78	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB Report

Authorized signature

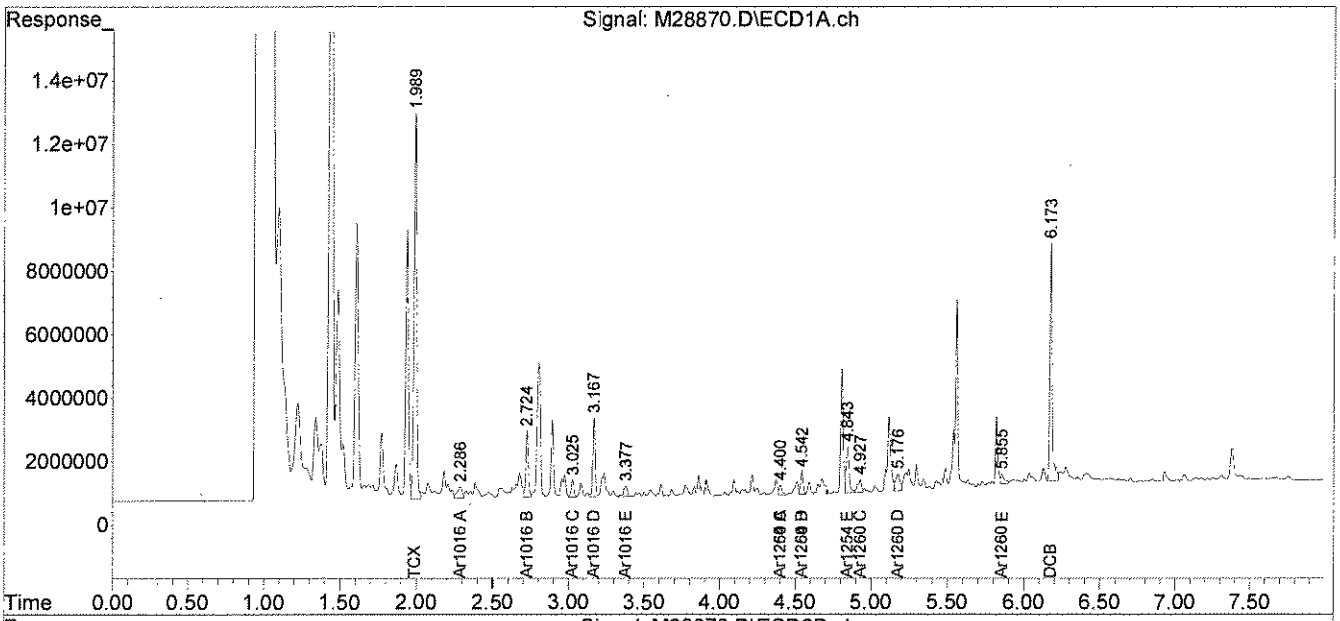
Quantitation Report (Not Reviewed)

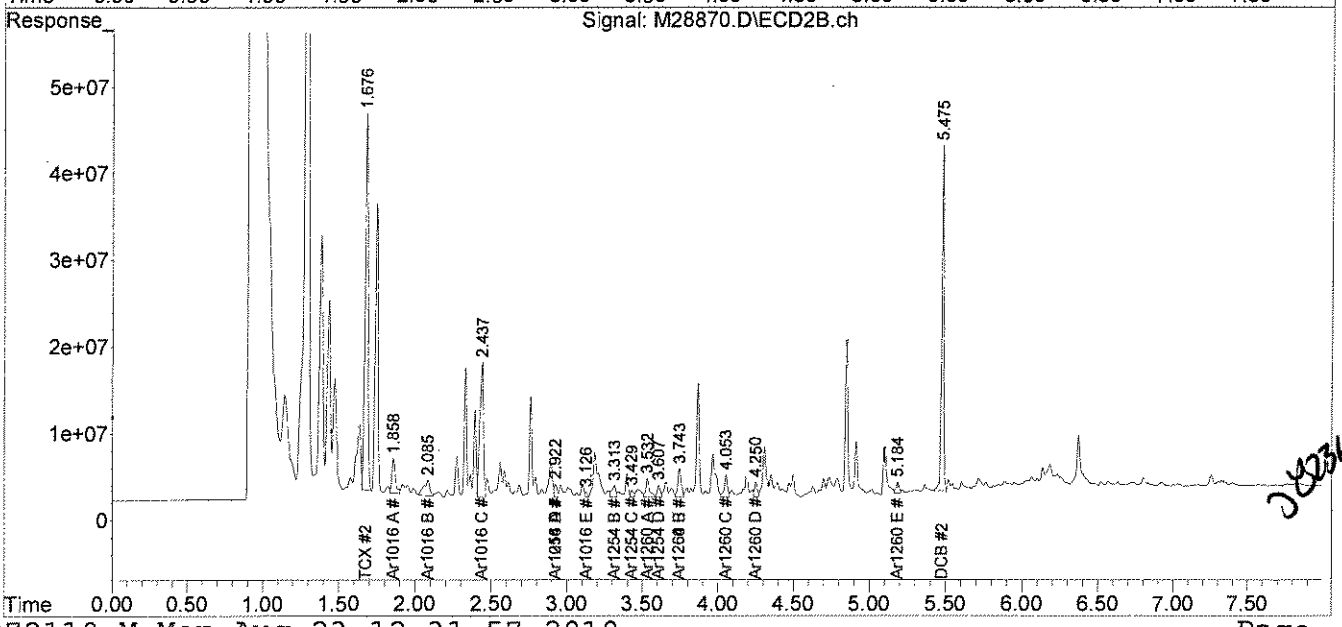
Data Path : C:\msdchem\1\DATA\081910-M\
Data File : M28870.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2010 9:26 pm
Operator : JK
Sample : 67533-13,,A/C
Misc : SOIL
ALS Vial : 37 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 20 13:54:09 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:29 2010
Response via : Initial Calibration
Integrator: ChemStation

JL 08.23.10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 23, 2010

SAMPLE DATA

Lab Sample ID:	67533-14
Matrix:	Solid
Percent Solid:	95
Dilution Factor:	1.0
Collection Date:	08/17/10
Lab Receipt Date:	08/18/10
Extraction Date:	08/18/10
Analysis Date:	08/19/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-323

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	**228**
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	95	%
Decachlorobiphenyl	72	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67533
Sample: 67533-14,,A/C
Data File: M28871.D
Dilution Factor: 1.0

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	188	228	19.1	

Column to be used to flag RPD values greater than QC limit of 40%
* Values outside QC limits

Comments: _____

PCB FORM 10

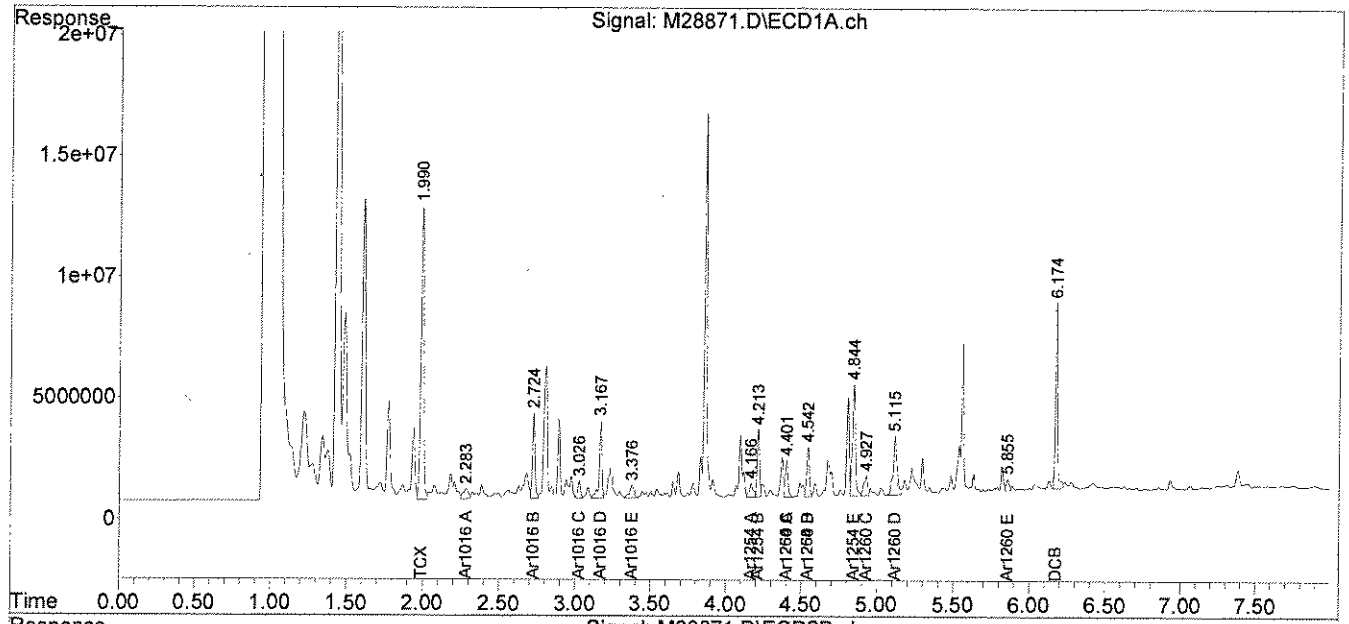
Quantitation Report (QT Reviewed)

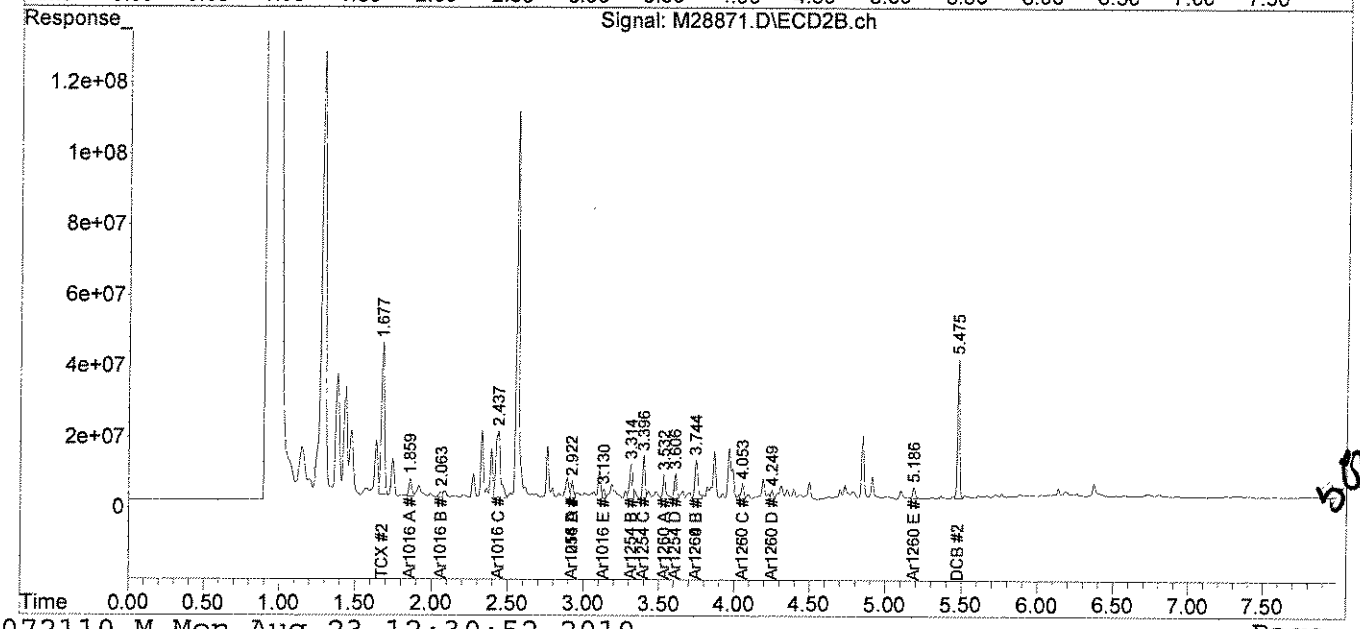
Data Path : C:\msdchem\1\DATA\081910-M\
Data File : M28871.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2010 9:36 pm
Operator : JK
Sample : 67533-14,,A/C
Misc : SOIL
ALS Vial : 38 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 23 12:30:40 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:29 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um

JL 08-23-10





5-023 W

PCB
QC FORMS

AnalyticsLLC:AEL Documents LLC:Pkg Dividers:PCBQC.doc

PCB SOIL
SYSTEM MONITORING COMPOUNDS
SUMMARY

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67533

	Column #1				Column #2			
SAMPLE ID	SMC 1 (%)	#	SMC 2 (%)	#	SMC 1 (%)	#	SMC 2 (%)	#
B081810PSOX,,A/C	88		78		98		87	
L081810PSOX,,A/C	89		78		98		85	
LD081810PSOX,,A/C	87		78		99		87	
67533-1,,A/C	95		102		89		59	
67533-1,MS,,A/C	96		75		98		72	
67533-1,MSD,,A/C	115		80		95		74	
67533-2,,A/C	90		75		98		73	
67533-3,,A/C	91		74		95		75	
67533-4,,A/C	88		74		95		74	
67533-5,,A/C	84		81		89		76	
67533-9,,A/C	91		68		95		74	
67533-12,,A/C	94		84		96		79	
67533-13,,A/C	91		78		92		75	
67533-14,,A/C	93		77		95		72	

		Lower Limit	Upper Limit
SMC #1 =	TCX	40	130
SMC #2 =	DCB	40	130

\# Column to be used to flag recovery values outside of QC limits
* Values outside QC limits
D System Monitoring Compound diluted out

PCB SOIL
SYSTEM MONITORING COMPOUNDS
SUMMARY

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67533

	Column #1				Column #2			
SAMPLE ID	SMC 1 (%)	#	SMC 2 (%)	#	SMC 1 (%)	#	SMC 2 (%)	#
B082010PW	83		56		93		61	
67533-6,1:5,,A/C	103		81		107		90	
67533-7,1:10,,A/C	109		75		118		104	
67533-8,1:10,,A/C	111		61		123		97	
67533-10,1:2,,A/C	97		94		103		86	

		Lower Limit	Upper Limit
SMC #1 =	TCX	40	130
SMC #2 =	DCB	40	130

\# Column to be used to flag recovery values outside of QC limits
* Values outside QC limits
D System Monitoring Compound diluted out

PCB FORM 2

PCB AQUEOUS
SYSTEM MONITORING COMPOUNDS
SUMMARY

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67533

	Column #1				Column #2			
SAMPLE ID	SMC 1 (%)	#	SMC 2 (%)	#	SMC 1 (%)	#	SMC 2 (%)	#
B082010PW	83		56		93		61	
L082010PWB	84		54		96		62	
LD082010PWB	80		55		91		62	
67533-11	85		53		95		48	

		Lower Limit	Upper Limit
SMC #1 =	TCX	46	122
SMC #2 =	DCB	40	135

Column to be used to flag recovery values outside of QC limits
* Values outside QC limits
D System Monitoring Compound diluted out

PCB FORM 2

PCB SOIL
LABORATORY CONTROL SAMPLE/DUPLICATE
PERCENT RECOVERY

Instrument ID: M

GC Column #1: STX-CLPesticides 1

Column ID: 0.25 mm

GC Column #2: STX-CLPesticides II

Column ID: 0.25 mm

SDG: 67533

Non-spiked sample: B081810PSOX,,A/C

Spike: L081810PSOX,,A/C

Spike duplicate: LD081810PSOX,,A/C

COMPOUND	LCS SPIKE ADDED (ug/kg)	LCSD SPIKE ADDED (ug/kg)	LOWER LIMIT	UPPER LIMIT	RPD LIMIT	NON-SPIKE RESULT (ug/kg)	SPIKE RESULT (ug/kg)	SPIKE % REC	#	SPIKE DUP RESULT (ug/kg)	SPIKE DUP % REC	#	RPD	#
PCB 1016	200	200	65	140	30	0	192	96		181	90		5.9	
PCB 1260	200	200	60	130	30	0	193	96		196	98		1.8	
PCB 1016 #2	200	200	65	140	30	0	227	113		213	106		6.4	
PCB 1260 #2	200	200	60	130	30	0	198	99		221	110		10.9	

Column to be used to flag recovery and RPD values outside of QC limits

* Values outside QC limits

LCS/LCSD spike added values have been weight adjusted.

Non-spike result of "0" used in place of "U" to allow calculation of spike recovery.

Comments: _____

PCB FORM 3

PCB SOIL
LABORATORY CONTROL SAMPLE/DUPLICATE
PERCENT RECOVERY

Instrument ID: M

GC Column #1: STX-CLPesticides I

Column ID: 0.25 mm

GC Column #2: STX-CLPesticides II

Column ID: 0.25 mm

SDG: 67533

Non-spiked sample: 67533-1,,A/C

Spike: 67533-1,MS,,A/C

Spike duplicate: 67533-1,MSD,,A/C

COMPOUND	LCS SPIKE ADDED (ug/kg)	LCSD SPIKE ADDED (ug/kg)	LOWER LIMIT	UPPER LIMIT	RPD LIMIT	NON-SPIKE RESULT (ug/kg)	SPIKE RESULT (ug/kg)	SPIKE % REC	#	SPIKE DUP RESULT (ug/kg)	SPIKE DUP % REC	#	RPD	#
PCB 1016	202	198	65	140	30	0	214	106		201	101		4.7	
PCB 1260	202	198	60	130	30	0	188	93		179	90		3.0	
PCB 1016 #2	202	198	65	140	30	0	248	123		237	120		2.8	
PCB 1260 #2	202	198	60	130	30	0	202	100		197	99		0.9	

Column to be used to flag recovery and RPD values outside of QC limits

* Values outside QC limits

LCS/LCSD spike added values have been weight adjusted.

Non-spike result of "0" used in place of "U" to allow calculation of spike recovery.

Comments: _____

PCB FORM 3

PCB AQUEOUS
LABORATORY CONTROL SAMPLE/DUPLICATE
PERCENT RECOVERY

Instrument ID: M

GC Column #1: STX-CLPesticides I

Column ID: 0.25 mm

GC Column #2: STX-CLPesticides II

Column ID: 0.25 mm

SDG: 67533

Non-spiked sample: B082010PW

Spike: L082010PWB

Spike duplicate: LD082010PWB

COMPOUND	LCS SPIKE ADDED (ug/L)	LCSD SPIKE ADDED (ug/L)	LOWER LIMIT	UPPER LIMIT	RPD LIMIT	NON-SPIKE RESULT (ug/L)	SPIKE RESULT (ug/L)	SPIKE % REC	#	SPIKE DUP RESULT (ug/L)	SPIKE DUP % REC	#	RPD	#
PCB 1016	2.00	2.00	65	140	30	0	1.83	91		1.82	91		0.6	
PCB 1260	2.00	2.00	60	130	30	0	1.84	92		1.84	92		0.3	
PCB 1016 #2	2.00	2.00	65	140	30	0	2.33	117		2.35	118		0.9	
PCB 1260 #2	2.00	2.00	60	130	30	0	2.14	107		2.15	108		0.3	

Column to be used to flag recovery and RPD values outside of QC limits

* Values outside QC limits

LCS/LCSD spike added values have been weight adjusted.

Non-spike result of "0" used in place of "U" to allow calculation of spike recovery.

Comments: _____

PCB FORM 3

CHAIN OF CUSTODIES

AnalyticsLLC:AEL Documents LLC:Pkg Dividers:COC.doc

Chain Of Custody Form

analytics environmental laboratory LLC
195 Commerce Way Suite E
Portsmouth, NH 03801
Phone (603) 436-5111
Fax (603) 430-2151

For Analytics Use Only Rev. 5 06/18/08

Samples were:
1) Shipped or hand-delivered
2) Temp blank °C 2.5
3) Received in good condition Y or N
4) pH checked by: 8/18/10
5) Labels checked by: CP 8/18/10

Project#: 223019 Proj. Name: AMISTAD ACADEMY
Company: Woodard & Curran
Contact: GEORGE FRANKLIN / JEFF HAMEL
Address: 35 New England Business Center Suite 180
Andover, MA 01810
Phone: (978)557-8150 PO# Quote # WCI 03051001
Sampler (Signature):

Matrix Key:
C = Concrete
WP = Wipe
WW = Wastewater
SW = Surface Water
GW = Groundwater
DW = Drinking Water
S = Soil/Sludge
O = Oil
E = Extract
D = LAB DI H_2O

Container Key
P=plastic G=glass

Station Identification	Sample Date	Sample Time	Analysis	Unpres	4° C	HNO_3	H_2SO_4	HCL	Methanol	Other	Matrix	Container number/type		pH	Analytics Sample #
AA-VSS-310	8/17/10	1110	PCB's by U.S.		✓						S	1	G		67533-1
AA-VSS-311		1115	E.P.A. 8082		✓						S	1	G		2
AA-VSS-312		1120	w/ Soxhlet		✓						S	1	G		3
AA-VSS-313		1125	Extraction		✓						S	1	G		4
AA-VSS-314		1130			✓						S	1	G		5
AA-VSS-315		1135			✓						S	1	G		6
AA-VSS-316		1140			✓						S	1	G		7
AA-VSS-317		1145			✓						S	1	G		8
AA-VSS-318		1150			✓						S	1	G		9
AA-VSS-319		1155			✓						S	1	G		10
AA-VSS-Q-320		1210			✓						D	1	G	6	11

Email Results to: franklin@..., jhamel@..., jream@...

Turnaround Time (TAT)
- [ ] 24hr*
- [ ] 48hr* ✓
- [ ] 72hr*
- [ ] 5 Days*
- [ ] 10 Days

*Fee may apply; lab approval required

Comments / Instructions:

R.L. ≤ 1.0 mg/kg.

@ 08/18/10 SAMPLES FOR AQUEOUS PCB WERE (-) FOR CL WHEN MEASURED WITH KI PAPER

AMBER LITRE

Project Requirements:
*Fee may apply

Report Type:
- [ ] MCP*
- [ ] CTRCP*
- [ ] DOD*
- [ ] Standard
- [ ] Level II* ✓
- [ ] Level III*
- [ ] Level IV*

State:
- [ ] NH
- [ ] MA
- [ ] ME
- [ ] CT ✓
- [ ] RI

Other:

State Standard: (eg. S-1 or GW-1)

EDD Required: Y* N
Type: .xls

Received By:	Time:	Date:	Relinquished By Sampler:	Relinquished By:	Relinquished By:
FEDEX		8/17/10		FEDEX	
	0930	08/18/10			08/18/10

Analytics\AEL Documents\AEL COC

Chain Of Custody Form

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, NH 03801
Phone (603) 436-5111
Fax (603) 430-2151

For Analytics Use Only Rev. 5 06/18/08

Samples were:
1) Shipped or hand-delivered
2) Temp blank °C 2.5°
3) Received in good condition Y or N
4) pH checked by: CP 8/18/10
5) Labels checked by: CP 8/18/10

Project#: 223019 Proj. Name: AMSTAD ACADEMY
Company: Woodard & Curran
Contact: GEORGE FRANKLIN / JEFF HAMEL
Address: 35 New England Business Center Suite 180
Andover, MA 01810
Phone: (978)557-8150 PO# Quote # WCI08051001
Sampler (Signature): Jesse Adams, JR

Matrix Key:
C = Concrete
WP = Wipe
WW = Wastewater
SW = Surface Water
GW = Groundwater
DW = Drinking Water
S = Soil/Sludge
O = Oil
E = Extract

Container Key
P=plastic G=glass

Preservation

Station Identification	Sample Date	Sample Time	Analysis	Unpres	4° C	HNO_3	H_2SO_4	HCL	Methanol	Other	Matrix	Container number/type		pH	Analytics Sample #
AA-VSS-321	8/17/10	1215	PCB's by U.S.		✓						S	1	G		67533-12
AA-VSS-322	↓	1220	E.P.A. 8082 w/		✓						S	1	G		13
AA-VSS-323	↓	1225	Soxhlet Extraction		✓						S	1	G		14

CP 8/18/10

Received By: FEDEX Time: Date: 8/17/10
Received By: [signature] Time: 0930 Date: 08/18/10
Received By: Time: Date:

Relinquished By Sampler: Jesse Adams, JR
Relinquished By: FEDEX
Relinquished By: CP 081810

Email Results to: gfranklin@..., jhamel@..., jream@...

Comments / Instructions:
R.L. ≤ 1.0 mg/kg.

Turnaround Time (TAT)
- [ ] 24hr*
- [x] 48hr*
- [ ] 72hr*
- [ ] 5 Days*
- [ ] 10 Days

*Fee may apply; lab approval required

Project Requirements:
*Fee may apply

Report Type:
- [ ] MCP*
- [x] Level II*
- [ ] CTRCP*
- [ ] Level III*
- [ ] DOD*
- [ ] Level IV*
- [ ] Standard

State:
- [ ] NH
- [ ] MA
- [ ] ME
- [x] CT
- [ ] RI
- Other:

State Standard:
(eg. S-1 or GW-1)

EDD Required: Y* N
Type: .xls

Analytics\AEL Documents\AEL COC

Page 2 of 2

ANALYTICS SAMPLE RECEIPT CHECKLIST

analytics environmental laboratory LLC

AEL LAB#: 67533

CLIENT: WOODARD & CURRAN

PROJECT: AMISTAD ACADEMY

COOLER NUMBER: N/A

NUMBER OF COOLERS: 1

DATE RECEIVED: 08/18/10

A: PRELIMINARY EXAMINATION:

DATE COOLER OPENED: 08/18/10

1. Cooler received by(initials): A

Date Received: 08/18/10

2. Circle one: Hand delivered (If so, skip 3) (Shipped)

3. Did cooler come with a shipping slip? (Y) N

3a. Enter carrier name and airbill number here: FEDEX 7938 2901 0443

4. Were custody seals on the outside of cooler? Y (N)
How many & where: N/A Seal Date: N/A Seal Name: N/A

5. Did the custody seals arrive unbroken and intact upon arrival? Y (N/A)

6. COC#: N/A

7. Were Custody papers filled out properly (ink,signed, etc)? (Y) CP 8/18/10 (N) No sampler relinquish time written on COC

8. Were custody papers sealed in a plastic bag? (Y) N

9. Did you sign the COC in the appropriate place? (Y) N

10. Was the project identifiable from the COC papers? (Y) N

11. Was enough ice used to chill the cooler? (Y) N Temp. of cooler: 2.5

B. Log-In: Date samples were logged in: 08/18/10 By: A

12. Type of packing in cooler (bubble wrap) popcorn) (Y) N

13. Were all bottles sealed in separate plastic bags? (Y) N

14. Did all bottles arrive unbroken and were labels in good condition? (Y) N

15. Were all bottle labels complete(ID,Date,time,etc.) (Y) N

16. Did all bottle labels agree with custody papers? (Y) N

17. Were the correct containers used for the tests indicated: (Y) N

18. Were samples received at the correct pH? (Y) N

19. Was sufficient amount of sample sent for the tests indicated? (Y) N

20. Were bubbles absent in VOA samples? Y (N/A)

If NO, List Sample ID's and Lab #s:

21. Laboratory labeling verified by (initials): CP Date: 8/18/10

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

August 24, 2010

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

RE: Analytical Results Case Narrative
Analytics # 67540
AMISTAD ACADEMY

Dear Mr. Franklin;

Enclosed please find the analytical results for samples submitted for the above-mentioned project. The attached Cover Page lists the sample IDs, Lab tracking numbers and collection dates for the samples included in this deliverable.

Samples were analyzed Polychlorinated Biphenyls (PCBs) by EPA Method 8082.

Unless otherwise noted in the Non-conformance Summary listed below, all of the quality control (QC) criteria including initial calibration, calibration verification, surrogate recovery, holding time and method accuracy/precision for these analyses were within acceptable limits.

This Level II data package has been assembled in the following order:

Case Narrative/Non-Conformance Summary
Sample Log Sheet - Cover Page
PCB Form 1 Data Sheet for Samples and Blanks
Chromatograms
PCB Form 10 Confirmation Results
PCB Form 3 MS/MSD (LCS) Recoveries
Chain of Custody (COC) Forms

QC NON-CONFORMANCE SUMMARY

Sample Receipt:
No exceptions.

PCBs by EPA Method 8082:
No results were reported below the quantitation limit.

Column#2 had some analytes with marginally high recoveries in the continuing calibration standards. Column#1 was in control for all analytes. Results were reported without qualification.

If you have any questions on these results, please do not hesitate to contact me.

Sincerely,
ANALYTICS Environmental Laboratory, LLC

Stephen L. Knollmeyer
Laboratory Director

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

Report Number: 67540

Revision: Rev. 0

Re: Amistad Academy (Project No: 223019)

Enclosed are the results of the analyses on your sample(s). Samples were received on 19 August 2010 and analyzed for the tests listed. Samples were received in acceptable condition, with the exceptions noted below or on the chain of custody. These results pertain to samples as received by the laboratory and for the analytical tests requested on the chain of custody. The results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report. Please see individual reports for specific methodologies and references.

Sample Analysis: The attached pages detail the Client Sample IDs, Lab Sample IDs, and Analyses requested

Sample Receipt Exceptions: None

Analytics Environmental Laboratory is certified by the states of New Hampshire, Maine, Massachusetts, Connecticut, Rhode Island, Virginia, Maryland, and is accredited by the Deparment of Defense (DOD) ELAP program. A list of actual certified parameters is available upon request.

If you have any questions on these results, please do not hesitate to contact us.

Authorized signature _____
Stephen L. Knollmeyer Lab. Director

Date 8/24/2010

This report shall not be reproduced, except in full, without the written consent of Analytics Environmental Laboratory, LLC.

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

CLIENT: Woodard & Curran **REPORT NUMBER: 67540** **REV: Rev. 0**

PROJECT: Amistad Academy (Project No: 223019)

Lab Number	Sample Date	Station Location	Analysis	Comments
67540-1	08/18/10	AA-VBS-324	EPA 8082 (PCBs only)	
67540-2	08/18/10	AA-VBS-325	EPA 8082 (PCBs only)	
67540-3	08/18/10	AA-VSS-326	EPA 8082 (PCBs only)	
67540-4	08/18/10	AA-VSS-327	EPA 8082 (PCBs only)	
67540-5	08/18/10	AA-VSS-328	EPA 8082 (PCBs only)	
67540-6	08/18/10	AA-VSS-329	EPA 8082 (PCBs only)	
67540-7	08/18/10	AA-VSS-330	EPA 8082 (PCBs only)	
67540-8	08/18/10	AA-VSS-331	EPA 8082 (PCBs only)	
67540-9	08/18/10	AA-VSS-332	EPA 8082 (PCBs only)	
67540-10	08/18/10	AA-VSS-333	EPA 8082 (PCBs only)	
67540-11	08/18/10	AA-VBS-334	EPA 8082 (PCBs only)	
67540-12	08/18/10	AA-VBS-335	Electronic Data Deliverable	
	08/18/10	AA-VBS-335	EPA 8082 (PCBs only)	

Surrogate Compound Limits

Matrix:	Aqueous	Solid	
Units:	% Recovery	% Recovery	Method
Volatile Organic Compounds - Drinking Water			
1,4-Difluorobenzene	70-130		EPA 524.2
Bromofluorobenzene	70-130		
1,2-Dichlorobenzene-d4	70-130		
Volatile Organic Compounds			
1,2-Dichloroethane-d4	70-120	70-120	EPA 624/8260B
Toluene-d8	85-120	85-120	
Bromofluorobenzene	75-120	75-120	
Semi-Volatile Organic Compounds			
2-Fluorophenol	20-110	35-105	EPA 625/8270C
d5-Phenol	15-110	40-100	
d5-nitrobenzene	40-110	35-100	
2-Fluorobiphenyl	50-110	45-105	
2,4,6-Tribromophenol	40-110	40-125	
d14-p-terphenyl	50-130	30-125	
PAH's by SIM			
d5-nitrobenzene	21-110	35-110	EPA 8270C
2-Fluorobiphenyl	36-121	45-105	
d14-p-terphenyl	33-141	30-125	
Pesticides and PCBs			
2,4,5,6-Tetrachloro-m-xylene (TCX)	46-122	40-130	EPA 608/8082
Decachlorobiphenyl (DCB)	40-135	40-130	
Herbicides			
Dichloroacetic acid (DCAA)	30-150	30-150	
Gasoline Range Organics/TPH Gasoline			
Trifluorotoluene TFT (FID)	60-140	60-140	MEDEP 4217/EPA 8015
Bromofluorobenzene (BFB) (FID)	60-140	60-140	
Trifluorotoluene TFT (PID)	60-140	60-140	
Bromofluorobenzene (BFB) (PID)	60-140	60-140	
Diesel Range Organics/TPH Diesel			
m-terphenyl	60-140	60-140	MEDEP 4125/EPA 8015/CT ETPH
Volatile Petroleum Hydrocarbons			
2,5-Dibromotoluene (PID)	70-130	70-130	MADEP VPH May 2004 Rev1.1
2,5-Dibromotoluene (FID)	70-130	70-130	
Extracatable Petroleum Hydrocarbons			
1-chloro-octadecane (aliphatic)	40-140	40-140	MADEP EPH May 2004 Rev1.1
o-Terphenyl (aromatic)	40-140	40-140	
2-Fluorobiphenyl (Fractionation)	40-140	40-140	
2-Bromonaphthalene (fractionation)	40-140	40-140	

PCB
DATA SUMMARIES

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 24, 2010

SAMPLE DATA

CLIENT SAMPLE ID

Project Name: Amistad Academy

Project Number: 223019

Field Sample ID: Lab QC

Lab Sample ID: B081910PSOX
Matrix: Soil
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date:
Lab Receipt Date:
Extraction Date: 08/19/10
Analysis Date: 08/20/10

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	91	%
Decachlorobiphenyl	60	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB Report

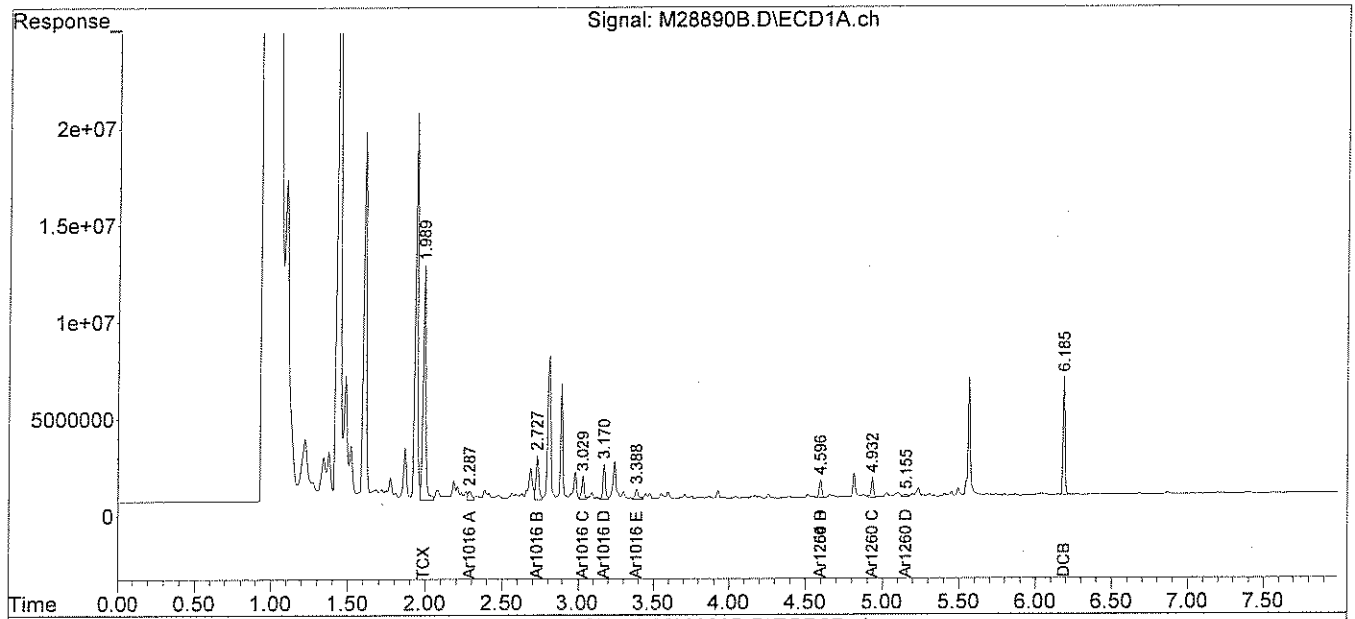
Authorized signature

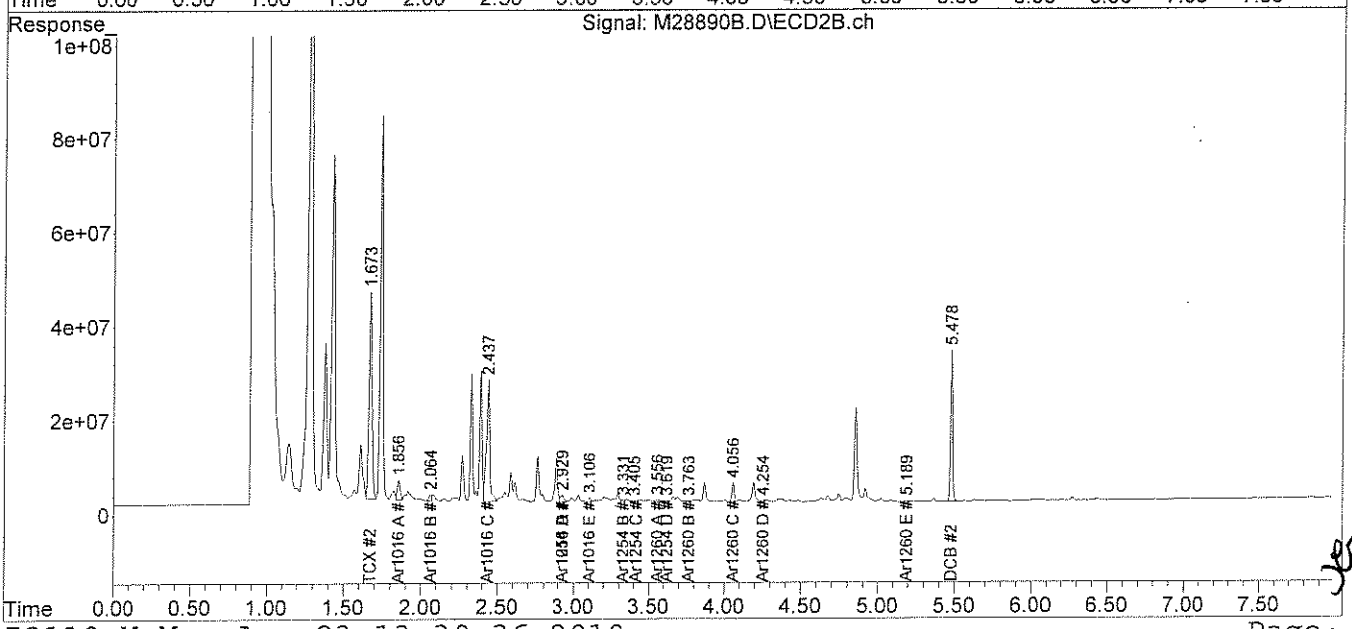
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\082010-M\
Data File : M28890B.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Aug 2010 10:15 am
Operator : MAG/JLL
Sample : B081910PSOX,,A/C
Misc :
ALS Vial : 13 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 23 13:30:35 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Aug 19 17:57:26 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 24, 2010

SAMPLE DATA

Lab Sample ID: B081910PSOXW
Matrix: Soil
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date:
Lab Receipt Date:
Extraction Date: 08/19/10
Analysis Date: 08/23/10

CLIENT SAMPLE ID

Project Name: Amistad Academy
Project Number: 223019
Field Sample ID: Lab QC

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	107	%
Decachlorobiphenyl	61	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

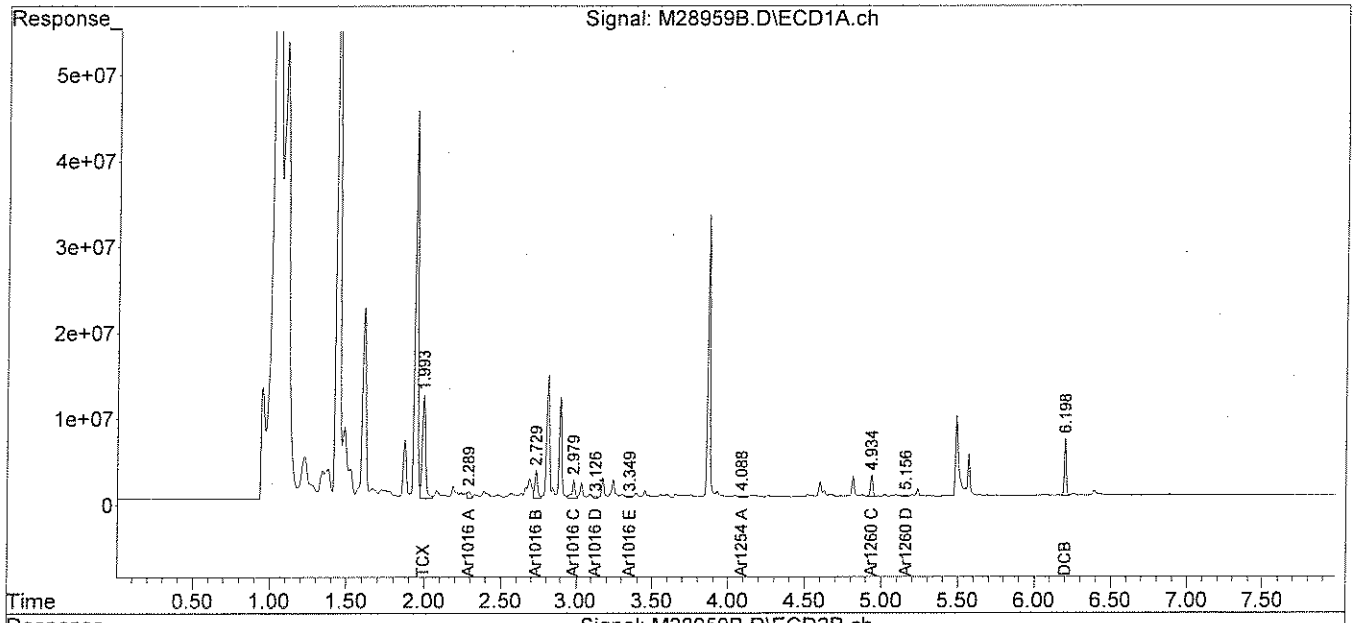
Quantitation Report (Not Reviewed)

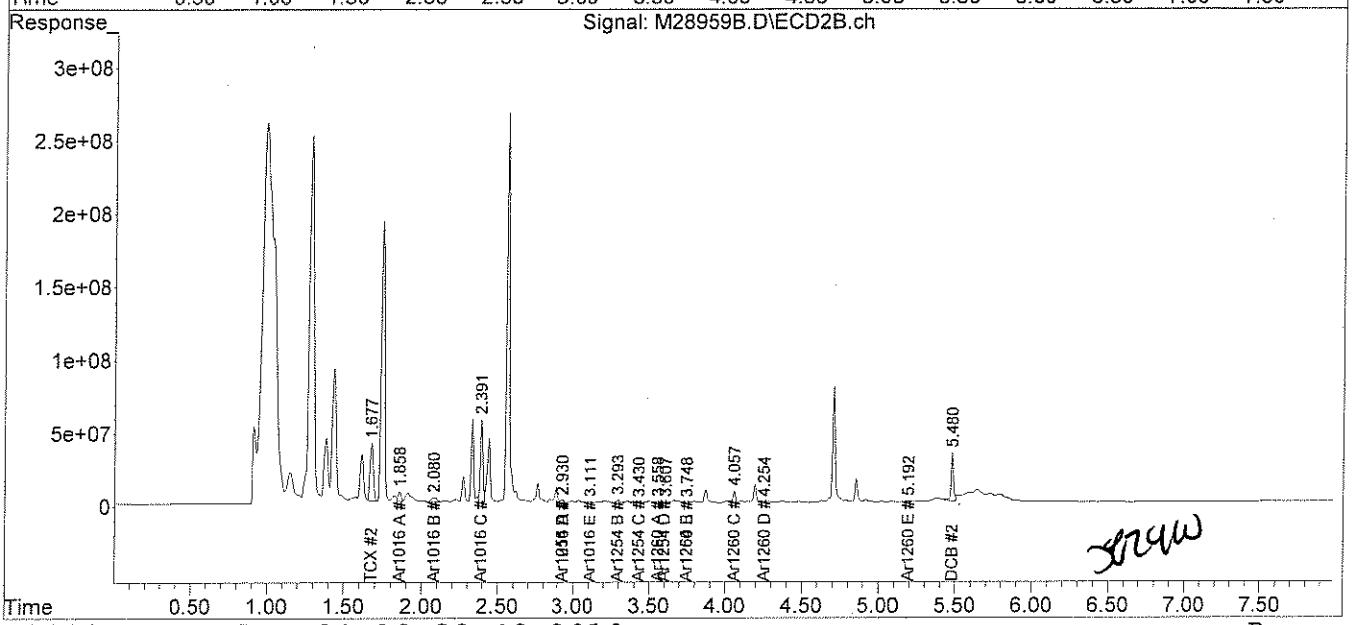
Data Path : C:\msdchem\1\DATA\082310-M\
Data File : M28959B.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Aug 2010 4:14 pm
Operator : JK
Sample : B081910PSOXW,,A/C
Misc : SOIL
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 24 10:29:47 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Aug 19 17:57:26 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um

JL 08-25-10





SOXW

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 24, 2010

SAMPLE DATA

Lab Sample ID:	67540-1
Matrix:	Solid
Percent Solid:	99
Dilution Factor:	1.0
Collection Date:	08/18/10
Lab Receipt Date:	08/19/10
Extraction Date:	08/19/10
Analysis Date:	08/20/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VBS-324

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	93	%
Decachlorobiphenyl	60	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB Report

Authorized signature

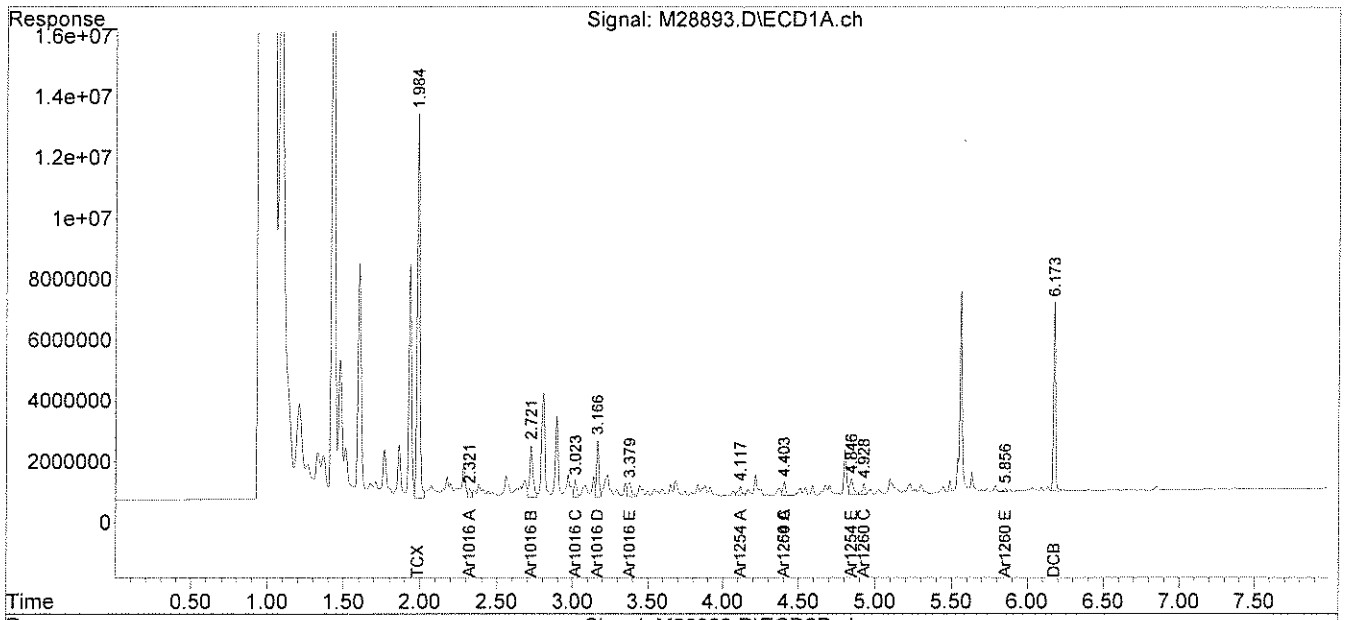
Quantitation Report (Not Reviewed)

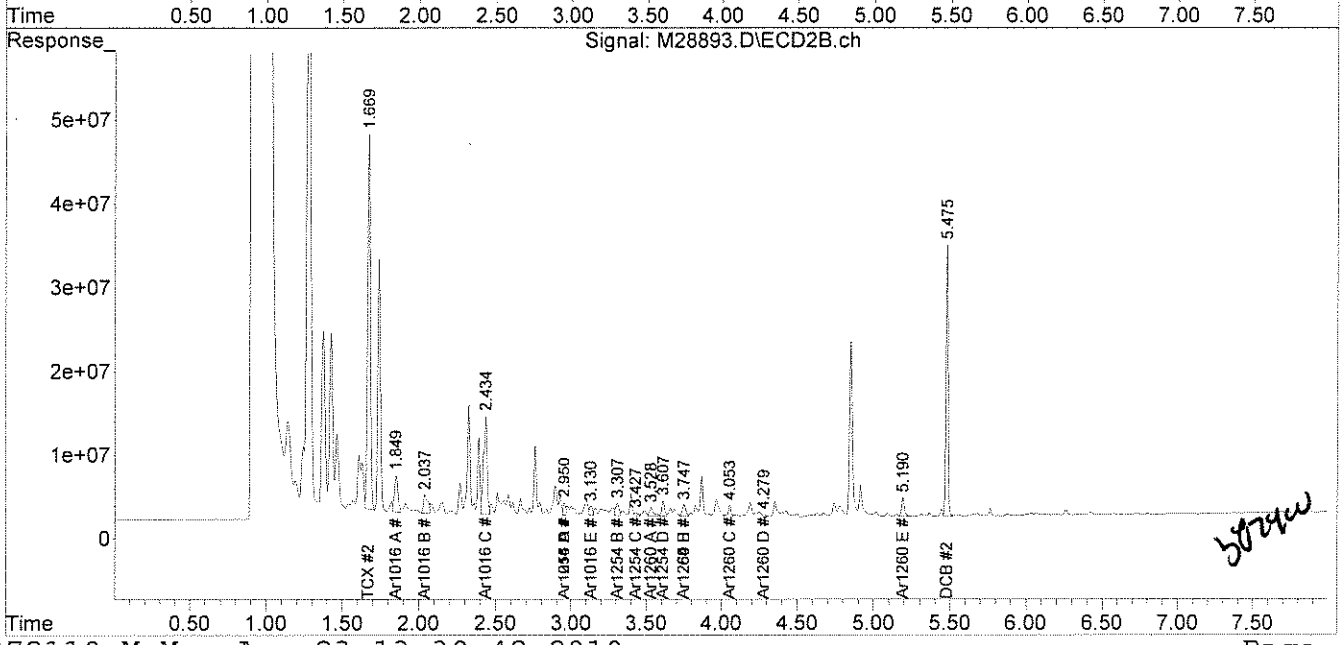
Data Path : C:\msdchem\1\DATA\082010-M\
Data File : M28893.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Aug 2010 10:46 am
Operator : MAG/JLL
Sample : 67540-1,,A/C
Misc : SOIL
ALS Vial : 16 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 23 13:30:42 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Aug 19 17:57:26 2010
Response via : Initial Calibration
Integrator: ChemStation

JL 08.23.10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 24, 2010

SAMPLE DATA

Lab Sample ID: 67540-2
Matrix: Solid
Percent Solid: 100
Dilution Factor: 1.0
Collection Date: 08/18/10
Lab Receipt Date: 08/19/10
Extraction Date: 08/19/10
Analysis Date: 08/20/10

CLIENT SAMPLE ID

Project Name: Amistad Academy
Project Number: 223019
Field Sample ID: AA-VBS-325

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	93	%
Decachlorobiphenyl	61	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB Report

Authorized signature

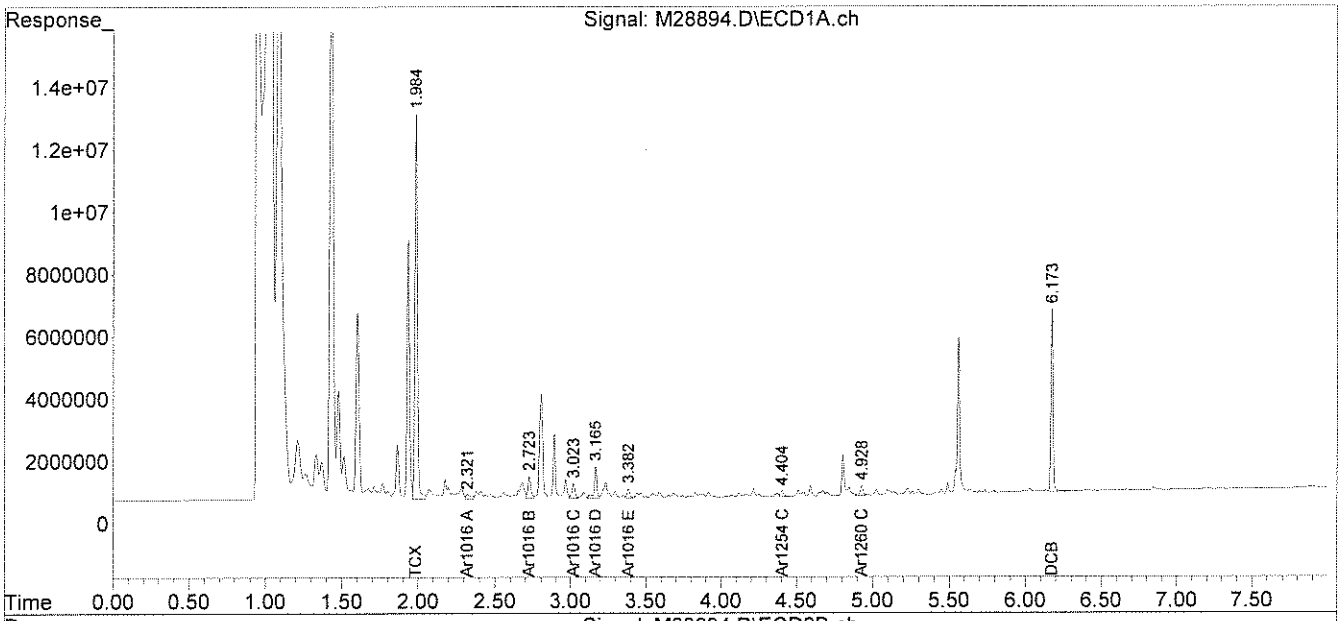
Quantitation Report (Not Reviewed)

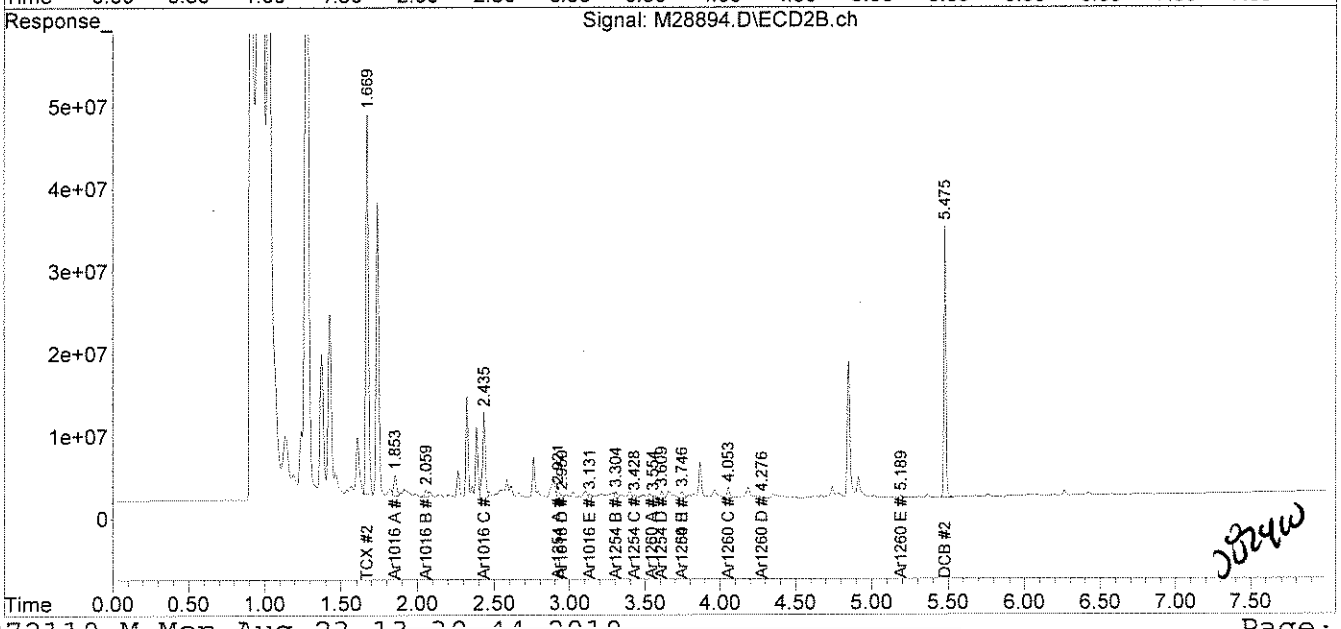
Data Path : C:\msdchem\1\DATA\082010-M\
Data File : M28894.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Aug 2010 10:56 am
Operator : MAG/JLL
Sample : 67540-2,,A/C
Misc : SOIL
ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 23 13:30:44 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Aug 19 17:57:26 2010
Response via : Initial Calibration
Integrator: ChemStation

JL 08·23·11

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





3824W

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 24, 2010

SAMPLE DATA

Lab Sample ID:	67540-3
Matrix:	Solid
Percent Solid:	95
Dilution Factor:	1.0
Collection Date:	08/18/10
Lab Receipt Date:	08/19/10
Extraction Date:	08/19/10
Analysis Date:	08/20/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-326

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	95	%
Decachlorobiphenyl	63	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

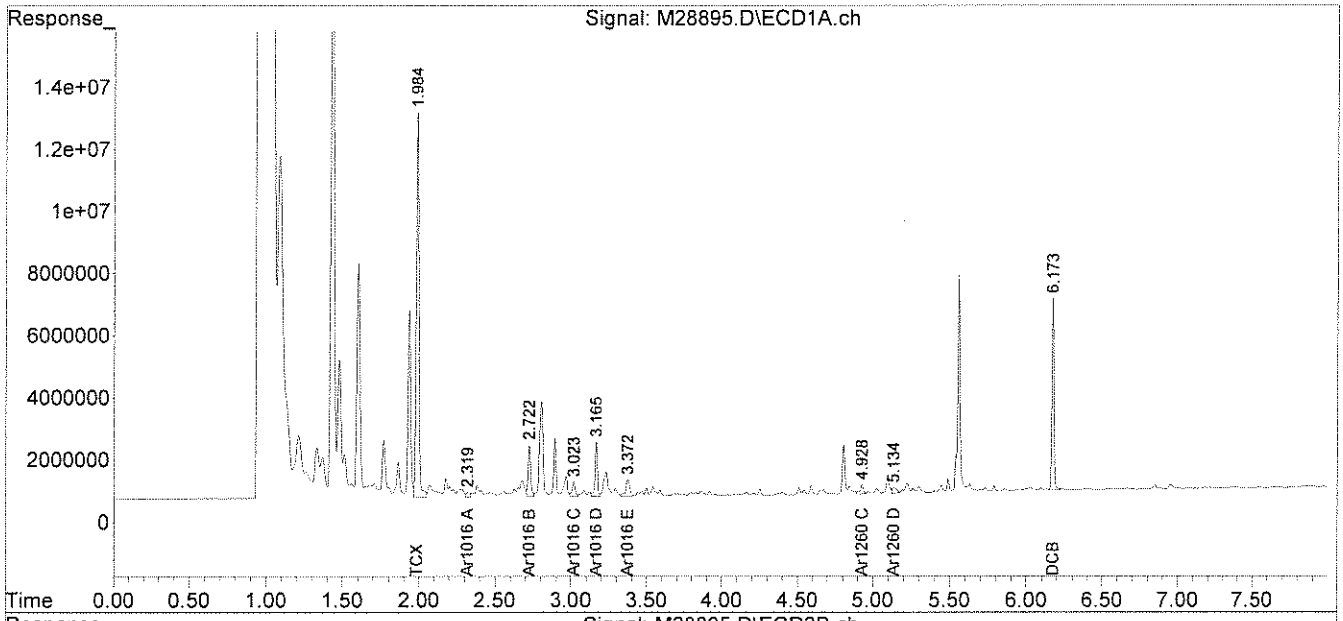
Quantitation Report (Not Reviewed)

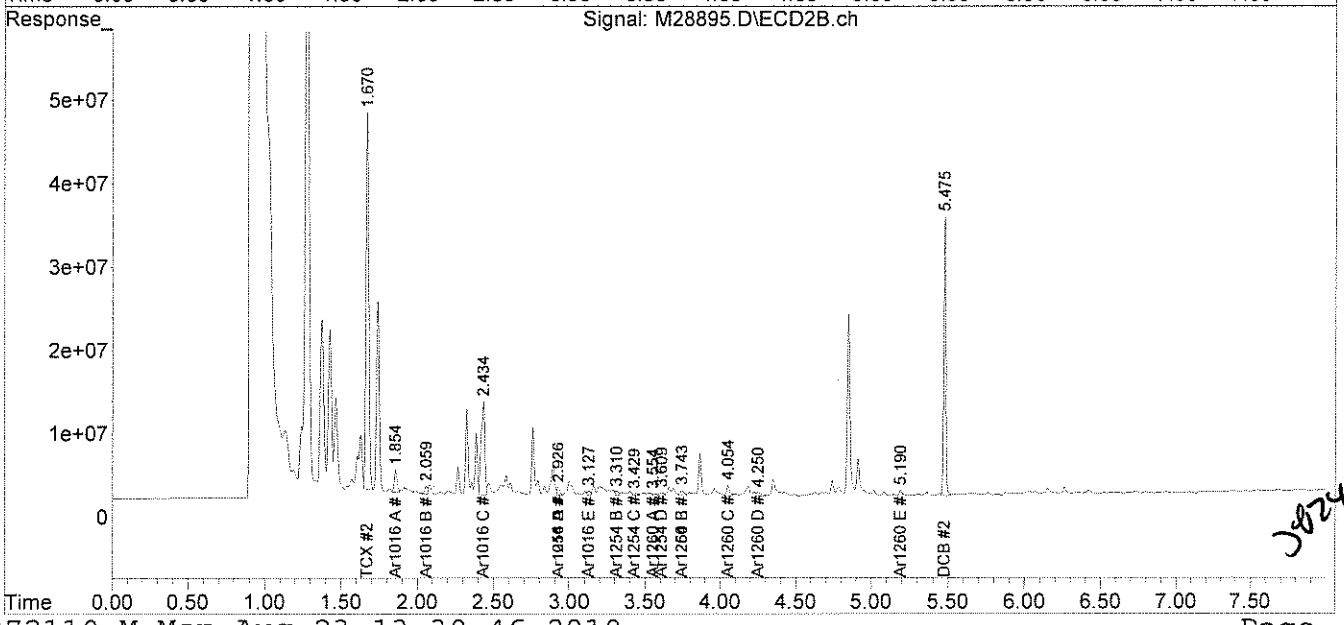
Data Path : C:\msdchem\1\DATA\082010-M\
Data File : M28895.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Aug 2010 11:06 am
Operator : MAG/JLL
Sample : 67540-3,,A/C
Misc : SOIL
ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 23 13:30:46 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Aug 19 17:57:26 2010
Response via : Initial Calibration
Integrator: ChemStation

JL 08.23.10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





JB24W

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 24, 2010

SAMPLE DATA

Lab Sample ID:	67540-4
Matrix:	Solid
Percent Solid:	95
Dilution Factor:	1.0
Collection Date:	08/18/10
Lab Receipt Date:	08/19/10
Extraction Date:	08/19/10
Analysis Date:	08/20/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-327

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	95	%
Decachlorobiphenyl	63	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

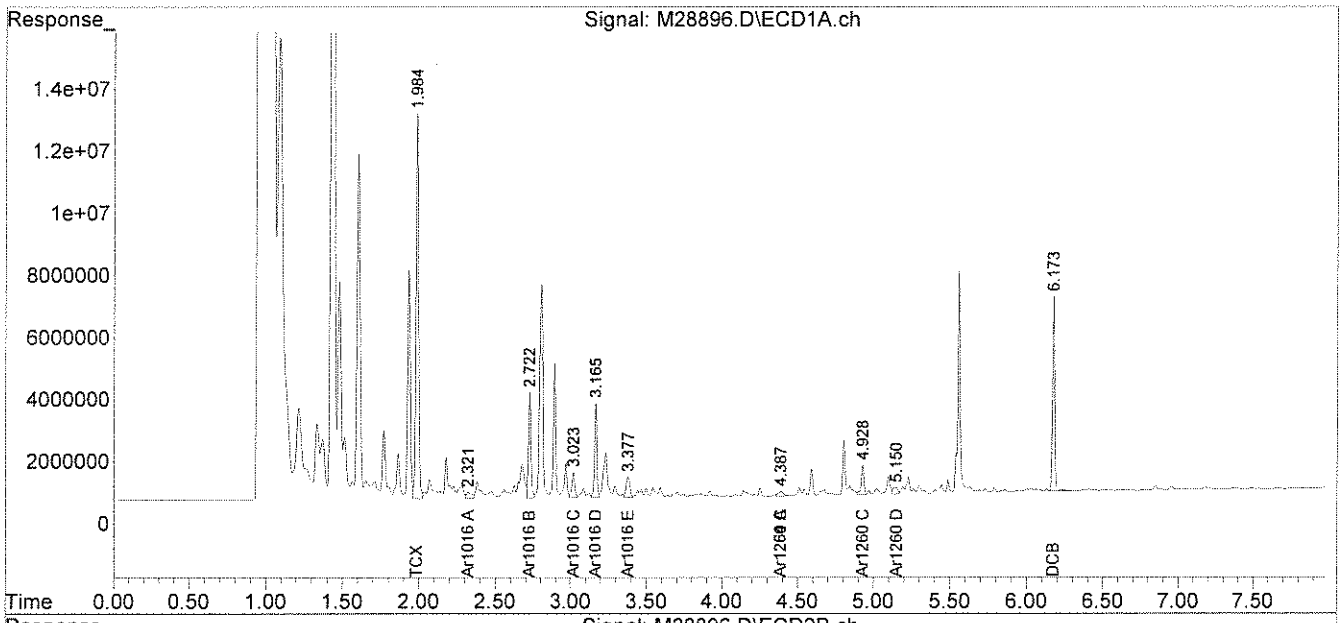
Quantitation Report (Not Reviewed)

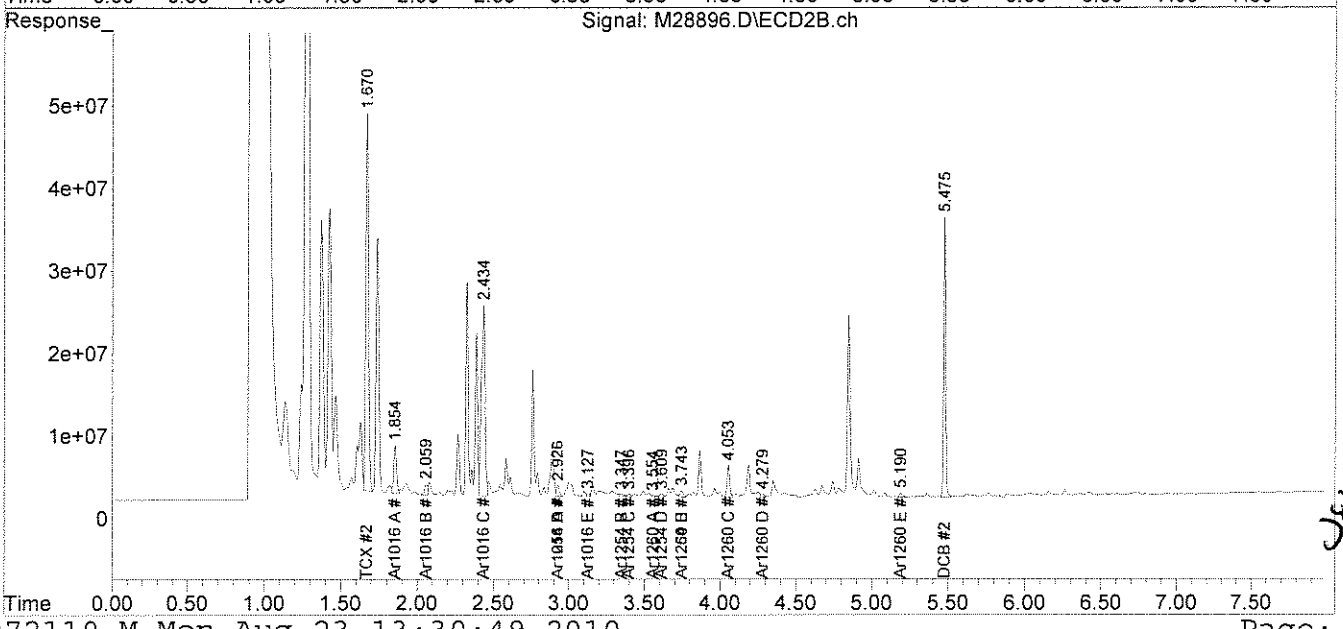
Data Path : C:\msdchem\1\DATA\082010-M\
Data File : M28896.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Aug 2010 11:17 am
Operator : MAG/JLL
Sample : 67540-4,,A/C
Misc : SOIL
ALS Vial : 19 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 23 13:30:49 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Aug 19 17:57:26 2010
Response via : Initial Calibration
Integrator: ChemStation

JL 08-23-10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





JB 8-24-10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 24, 2010

SAMPLE DATA

Lab Sample ID:	67540-5
Matrix:	Solid
Percent Solid:	94
Dilution Factor:	1.0
Collection Date:	08/18/10
Lab Receipt Date:	08/19/10
Extraction Date:	08/19/10
Analysis Date:	08/20/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-328

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	96	%
Decachlorobiphenyl	63	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

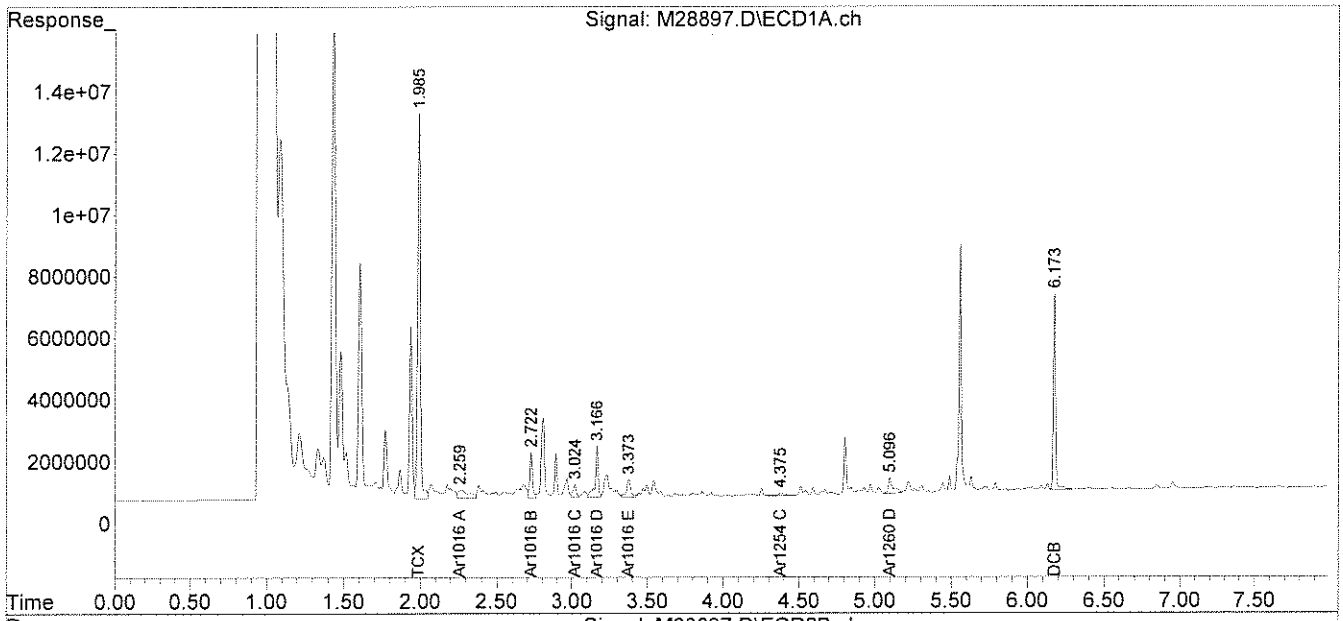
Quantitation Report (Not Reviewed)

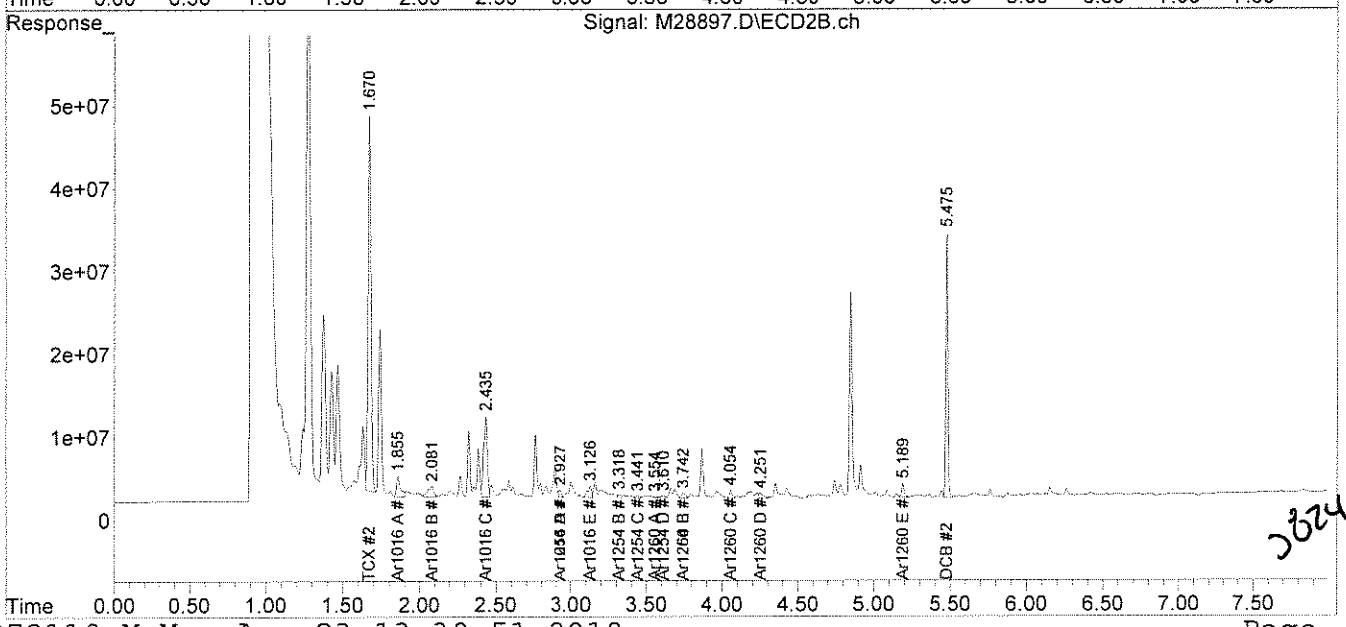
Data Path : C:\msdchem\1\DATA\082010-M\
Data File : M28897.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Aug 2010 11:27 am
Operator : MAG/JLL
Sample : 67540-5,,A/C
Misc : SOIL
ALS Vial : 20 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 23 13:30:51 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Aug 19 17:57:26 2010
Response via : Initial Calibration
Integrator: ChemStation

JL 09-23-10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





3824w

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 24, 2010

SAMPLE DATA

Lab Sample ID:	67540-6
Matrix:	Solid
Percent Solid:	95
Dilution Factor:	1.0
Collection Date:	08/18/10
Lab Receipt Date:	08/19/10
Extraction Date:	08/19/10
Analysis Date:	08/20/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-329

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	93	%
Decachlorobiphenyl	61	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

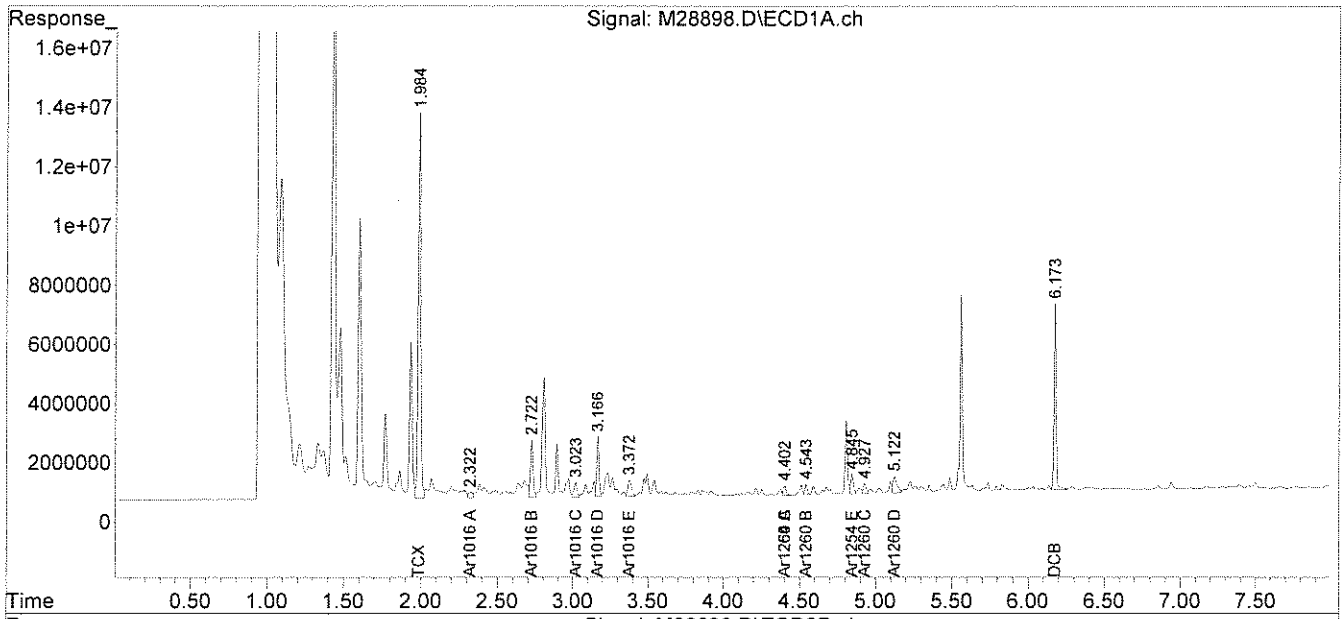
Quantitation Report (Not Reviewed)

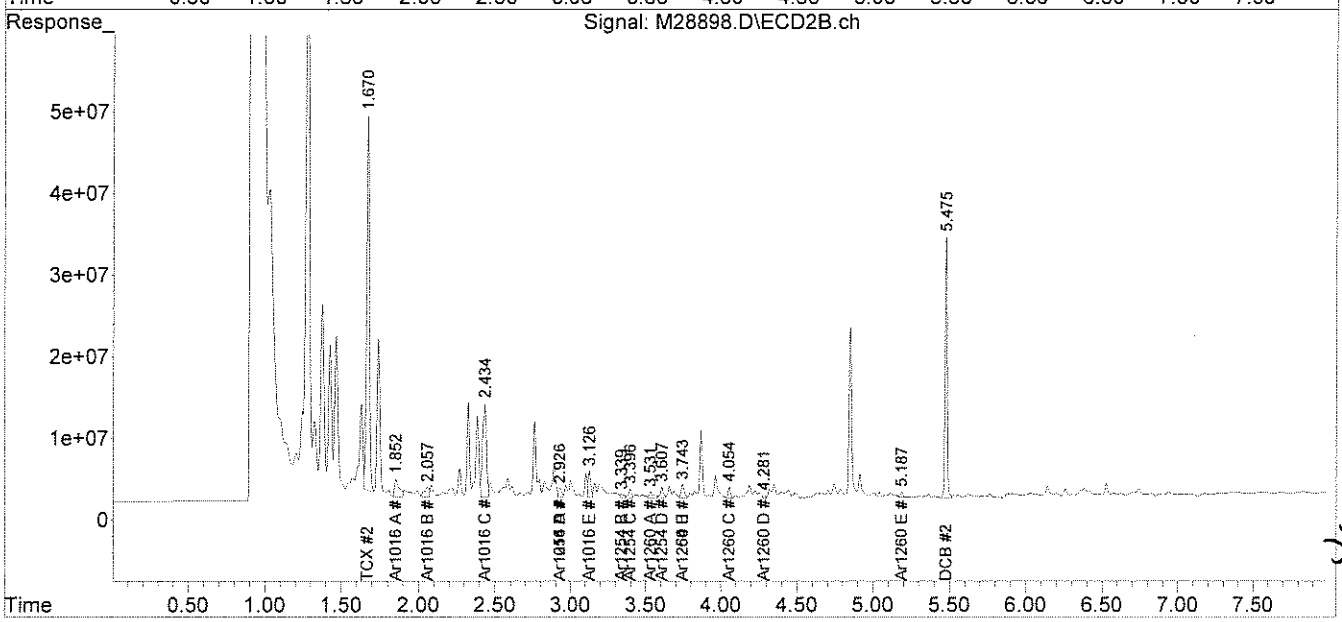
Data Path : C:\msdchem\1\DATA\082010-M\
Data File : M28898.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Aug 2010 11:37 am
Operator : MAG/JLL
Sample : 67540-6,,A/C
Misc : SOIL
ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 23 13:30:54 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Aug 19 17:57:26 2010
Response via : Initial Calibration
Integrator: ChemStation

JL 08-23-10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





JL 8-24-10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 24, 2010

SAMPLE DATA

Lab Sample ID:	67540-7
Matrix:	Solid
Percent Solid:	97
Dilution Factor:	1.0
Collection Date:	08/18/10
Lab Receipt Date:	08/19/10
Extraction Date:	08/19/10
Analysis Date:	08/20/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-330

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	96	%
Decachlorobiphenyl	60	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

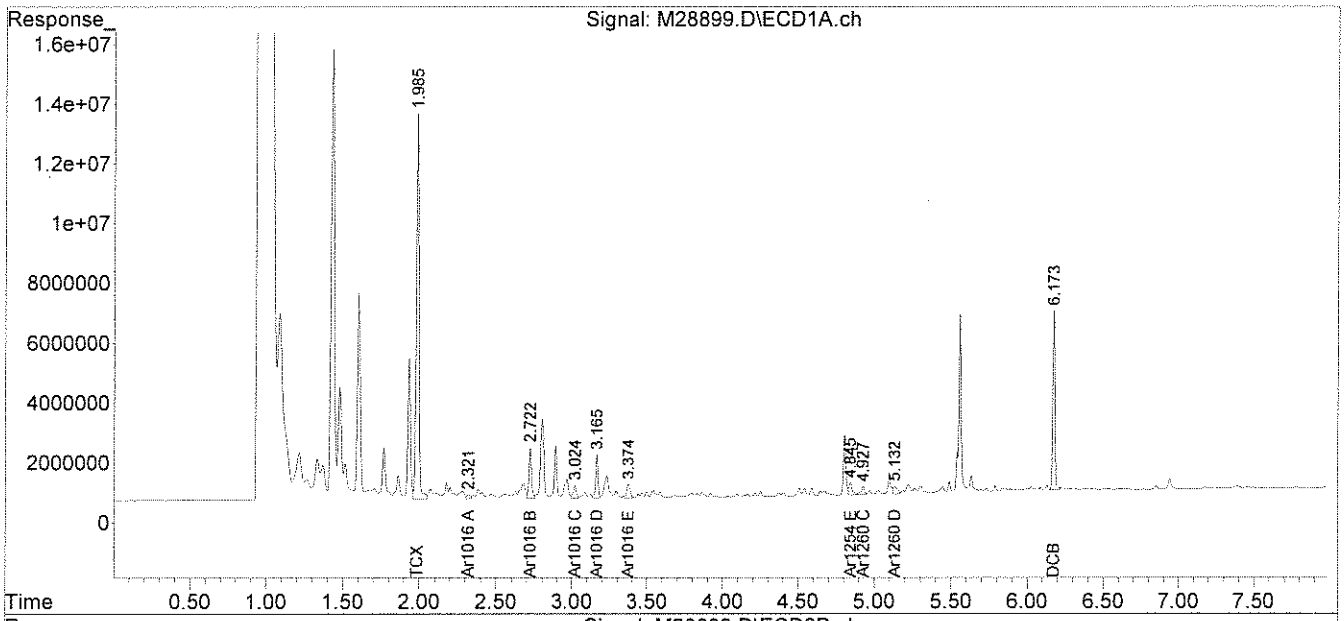
Quantitation Report (Not Reviewed)

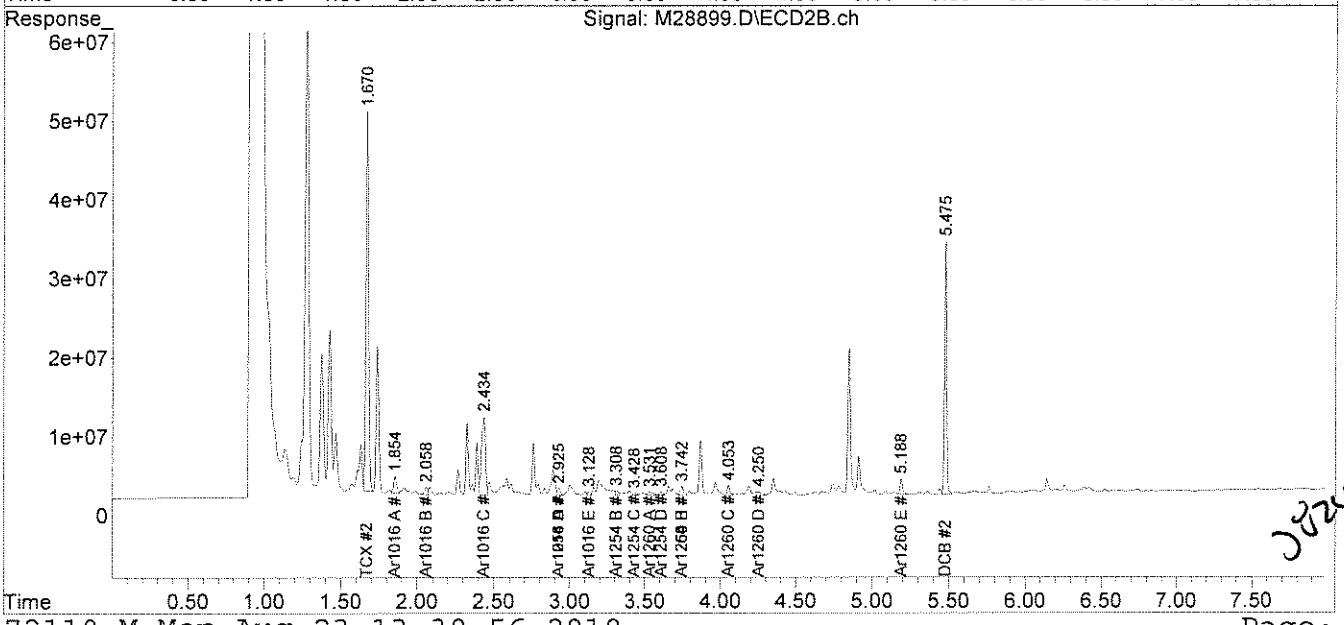
Data Path : C:\msdchem\1\DATA\082010-M\
Data File : M28899.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Aug 2010 11:47 am
Operator : MAG/JLL
Sample : 67540-7,,A/C
Misc : SOIL
ALS Vial : 22 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 23 13:30:56 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Aug 19 17:57:26 2010
Response via : Initial Calibration
Integrator: ChemStation

JL 08-23-10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





JL 08-24-10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 24, 2010

SAMPLE DATA

Lab Sample ID: 67540-8
Matrix: Solid
Percent Solid: 97
Dilution Factor: 1.0
Collection Date: 08/18/10
Lab Receipt Date: 08/19/10
Extraction Date: 08/19/10
Analysis Date: 08/20/10

CLIENT SAMPLE ID

Project Name: Amistad Academy
Project Number: 223019
Field Sample ID: AA-VSS-331

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	**65**
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	98	%
Decachlorobiphenyl	61	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67540
Sample: 67540-8,,A/C
Data File: M28902.D
Dilution Factor: 1.0

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	65	57	13.0	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

PCB FORM 10

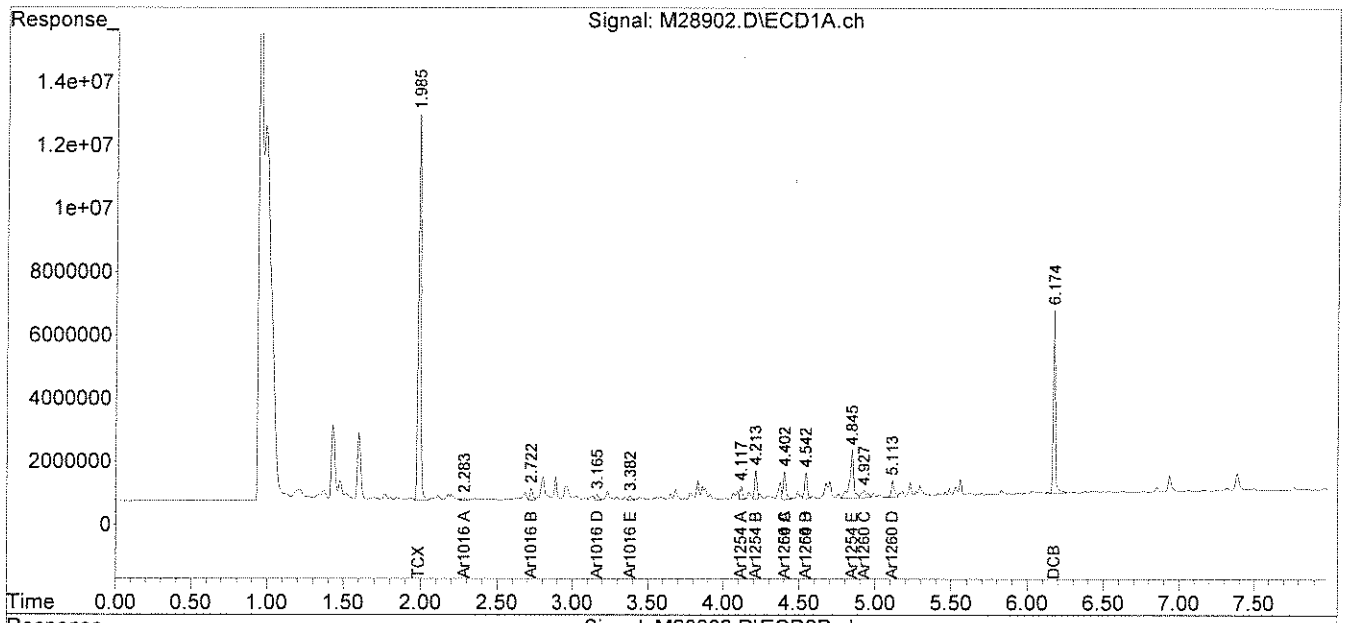
Quantitation Report (QT Reviewed)

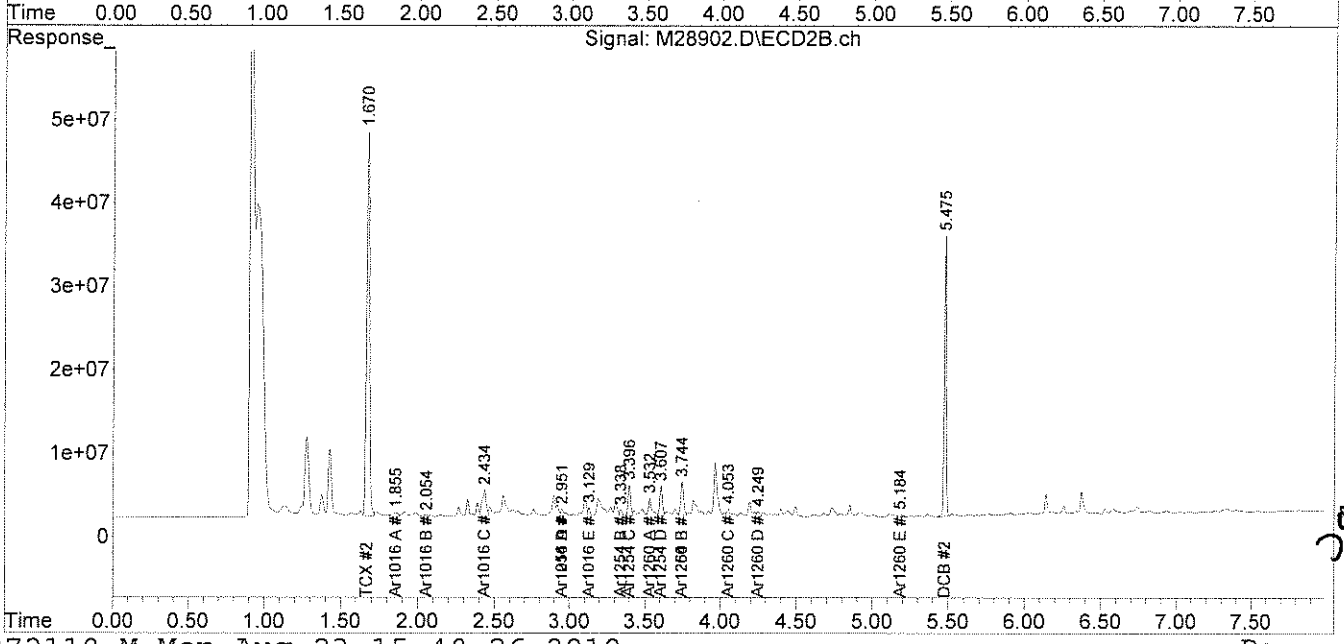
Data Path : C:\msdchem\1\DATA\082010-M\
Data File : M28902.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Aug 2010 12:18 pm
Operator : MAG/JLL
Sample : 67540-8,,A/C
Misc : SOIL
ALS Vial : 25 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 23 15:40:16 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Aug 19 17:57:26 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um

JL 08-23-10





JL 08-24-10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 24, 2010

SAMPLE DATA

Lab Sample ID:	67540-9
Matrix:	Solid
Percent Solid:	98
Dilution Factor:	1.0
Collection Date:	08/18/10
Lab Receipt Date:	08/19/10
Extraction Date:	08/19/10
Analysis Date:	08/23/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-332

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	96	%
Decachlorobiphenyl	60	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

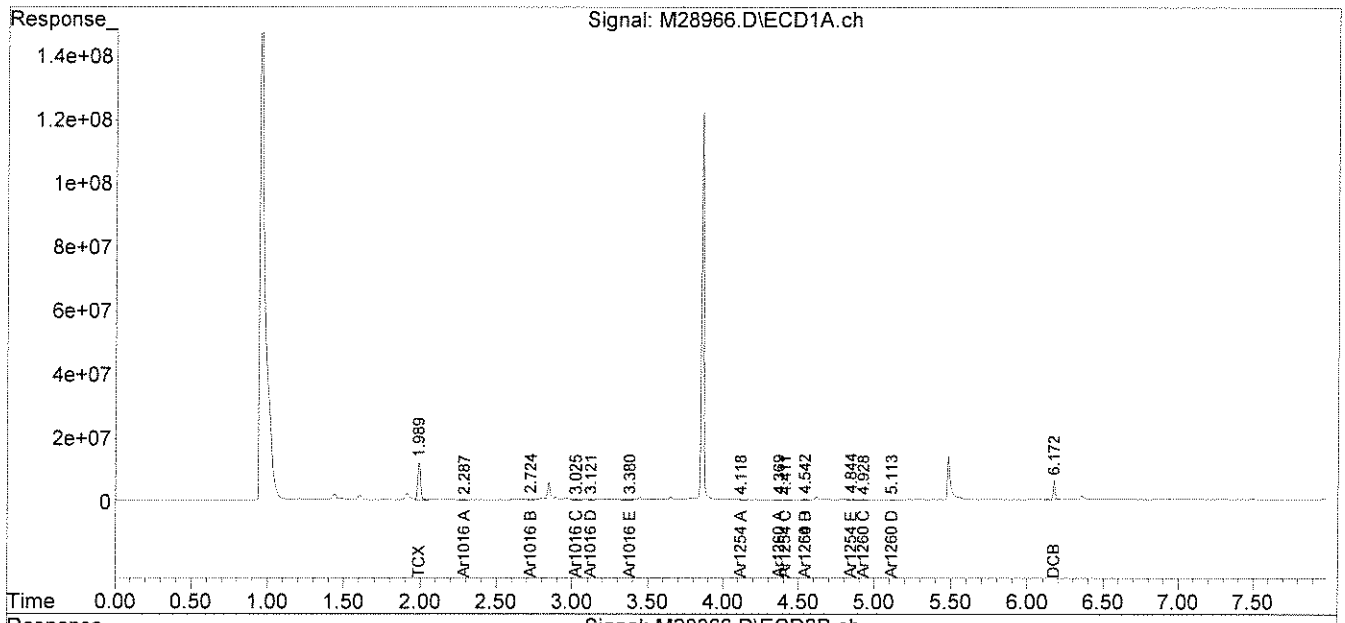
Quantitation Report (Not Reviewed)

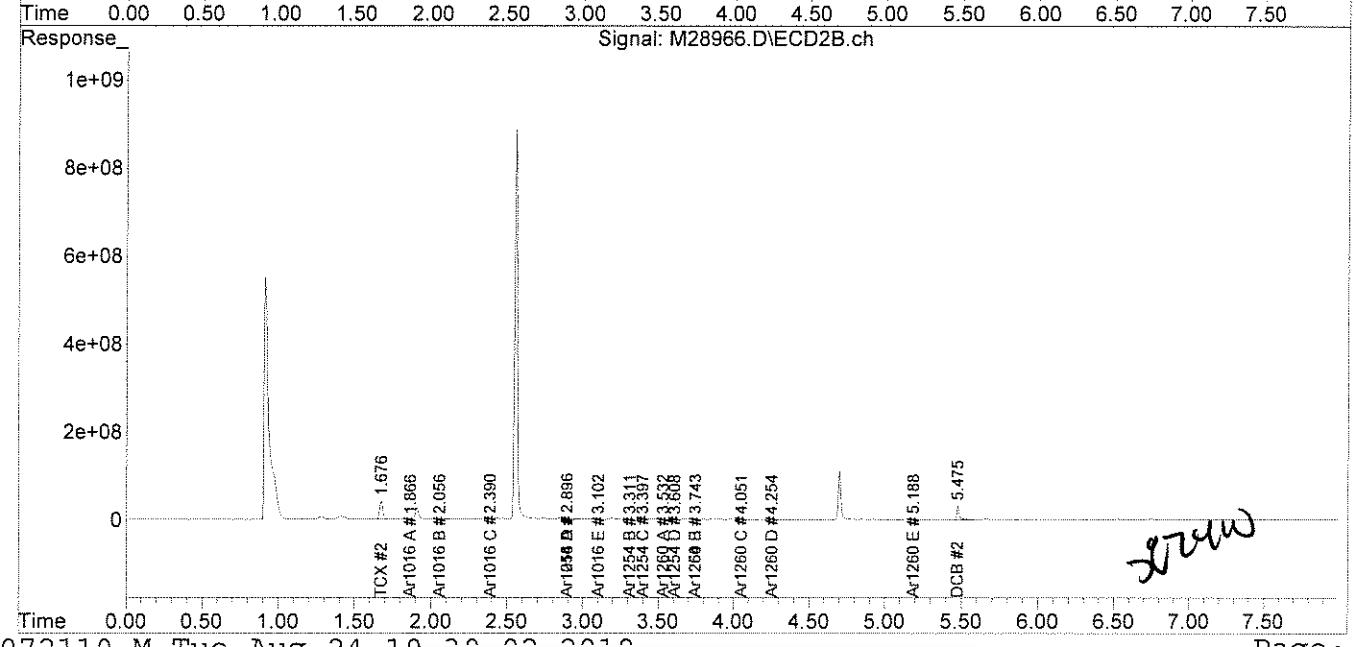
Data Path : C:\msdchem\1\DATA\082310-M\
Data File : M28966.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Aug 2010 5:25 pm
Operator : JK
Sample : 67540-9,,A/C
Misc : SOIL
ALS Vial : 13 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 24 10:30:02 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Aug 19 17:57:26 2010
Response via : Initial Calibration
Integrator: ChemStation

JL 08-24-10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 24, 2010

SAMPLE DATA

Lab Sample ID:	67540-10
Matrix:	Solid
Percent Solid:	96
Dilution Factor:	1.0
Collection Date:	08/18/10
Lab Receipt Date:	08/19/10
Extraction Date:	08/19/10
Analysis Date:	08/23/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-333

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	95	%
Decachlorobiphenyl	60	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

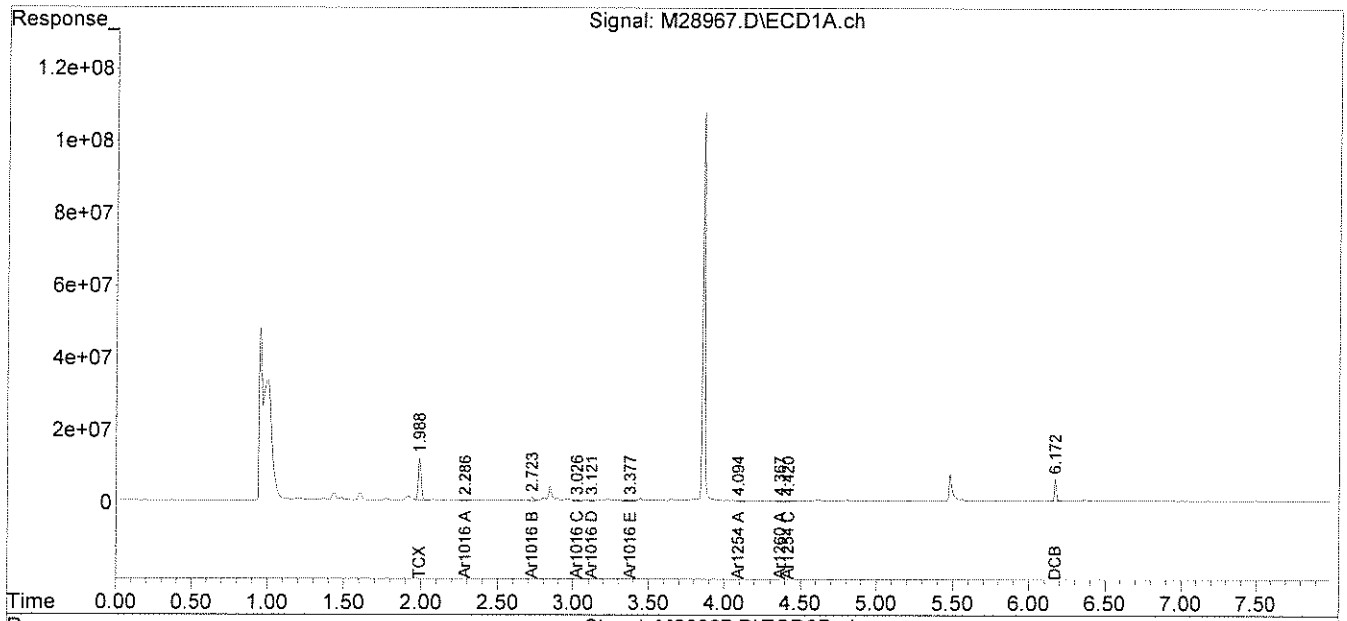
Quantitation Report (Not Reviewed)

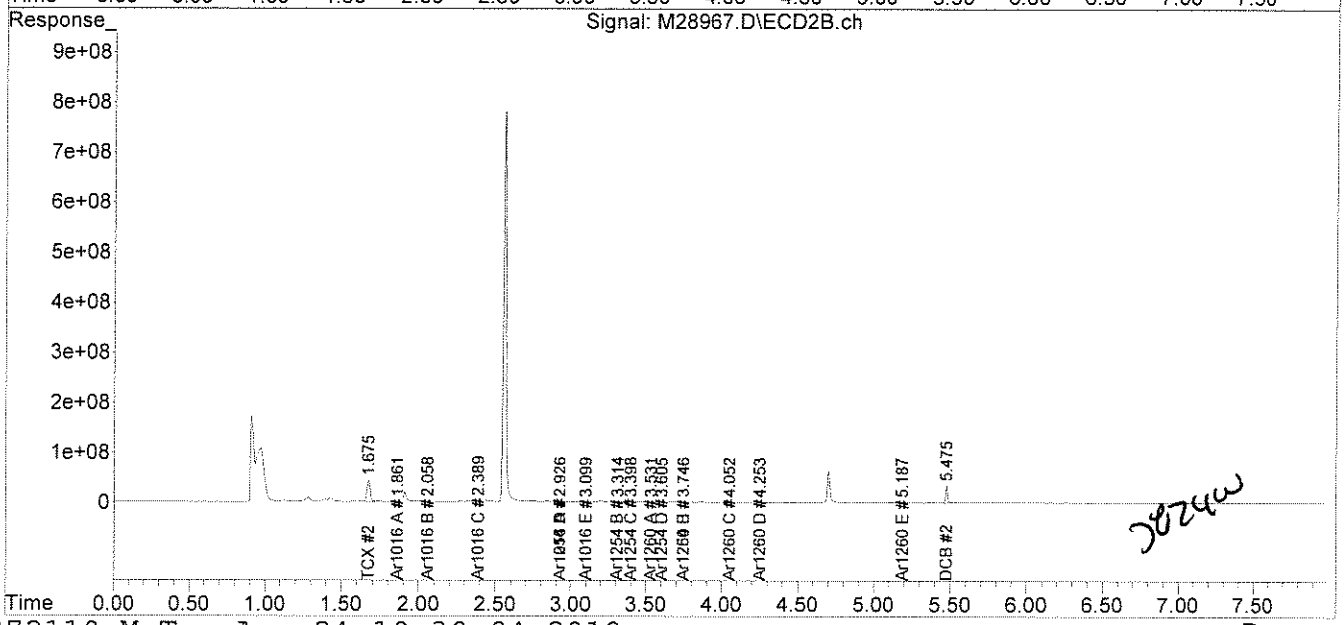
Data Path : C:\msdchem\1\DATA\082310-M\
Data File : M28967.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Aug 2010 5:36 pm
Operator : JK
Sample : 67540-10,,A/C
Misc : SOIL
ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 24 10:30:04 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Aug 19 17:57:26 2010
Response via : Initial Calibration
Integrator: ChemStation

JK 08.24.10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





36240

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 24, 2010

SAMPLE DATA

Lab Sample ID:	67540-11
Matrix:	Solid
Percent Solid:	100
Dilution Factor:	1.0
Collection Date:	08/18/10
Lab Receipt Date:	08/19/10
Extraction Date:	08/19/10
Analysis Date:	08/23/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VBS-334

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	93	%
Decachlorobiphenyl	59	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

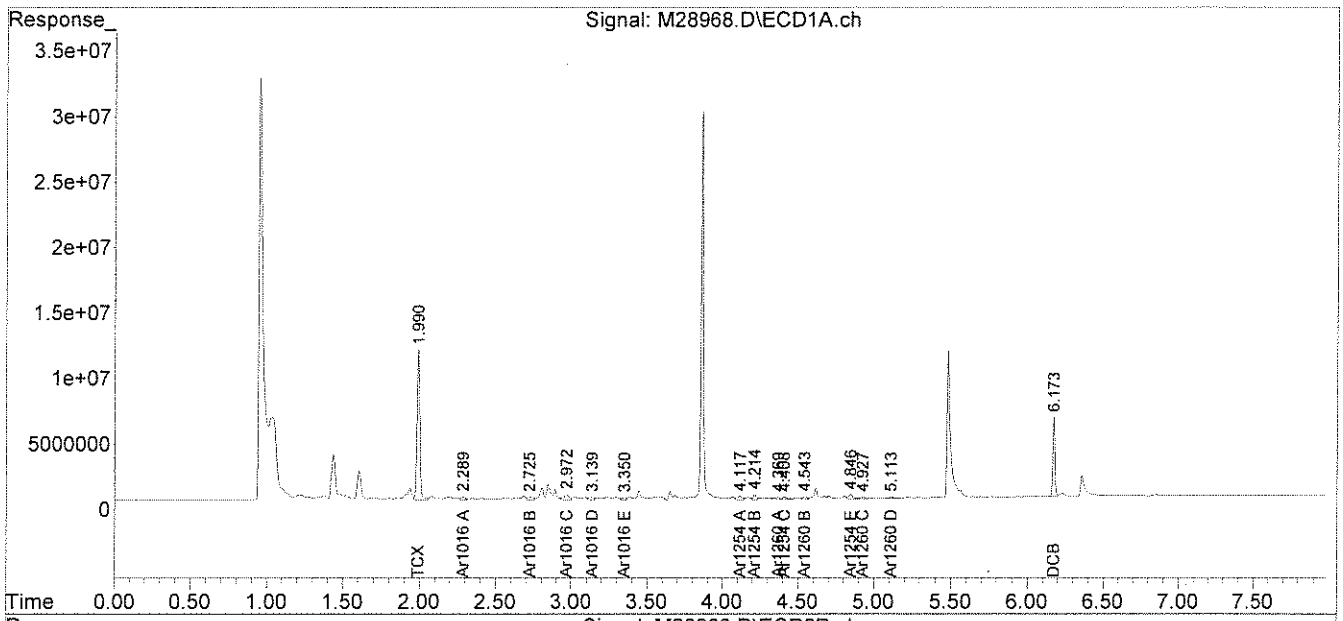
Quantitation Report (Not Reviewed)

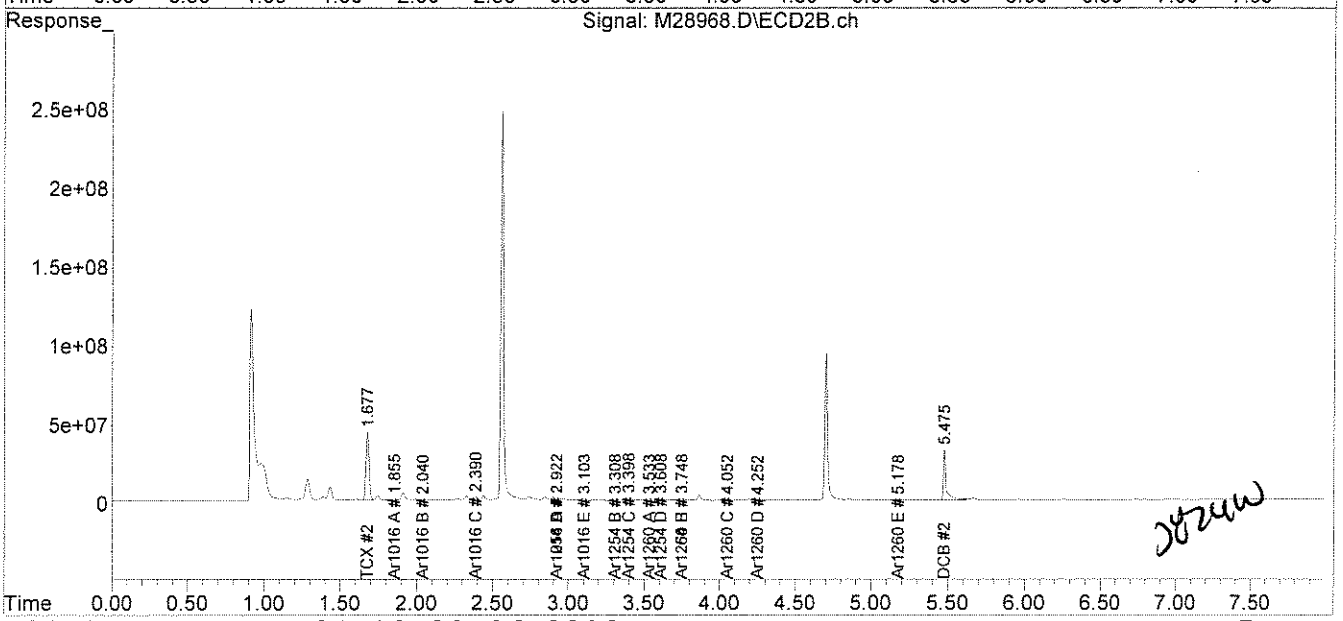
Data Path : C:\msdchem\1\DATA\082310-M\
Data File : M28968.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Aug 2010 5:46 pm
Operator : JK
Sample : 67540-11,,A/C
Misc : SOIL
ALS Vial : 15 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 24 10:30:06 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Aug 19 17:57:26 2010
Response via : Initial Calibration
Integrator: ChemStation

JK 08-24-10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





20240W

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 24, 2010

SAMPLE DATA

Lab Sample ID:	67540-12
Matrix:	Solid
Percent Solid:	100
Dilution Factor:	1.0
Collection Date:	08/18/10
Lab Receipt Date:	08/19/10
Extraction Date:	08/19/10
Analysis Date:	08/23/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VBS-335

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	**36**
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	95	%
Decachlorobiphenyl	60	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67540
Sample: 67540-12,,A/C
Data File: M28969.D
Dilution Factor: 0.9

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	24	36	39.8	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

PCB FORM 10

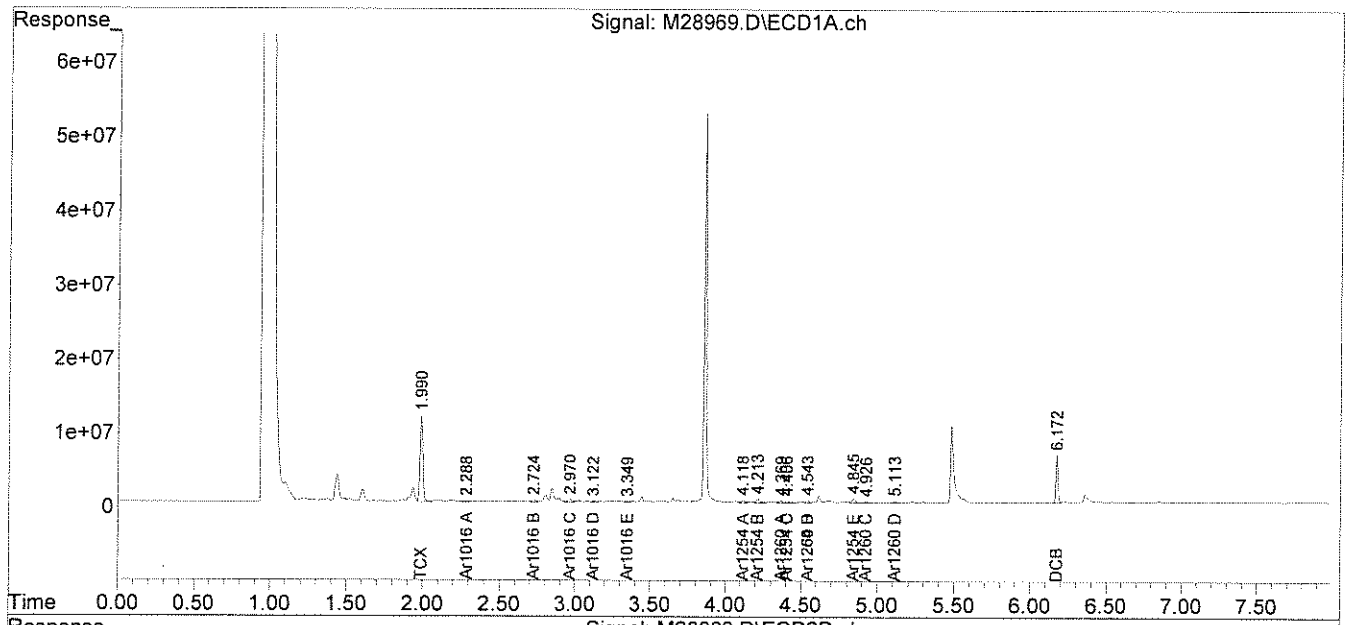
Quantitation Report (QT Reviewed)

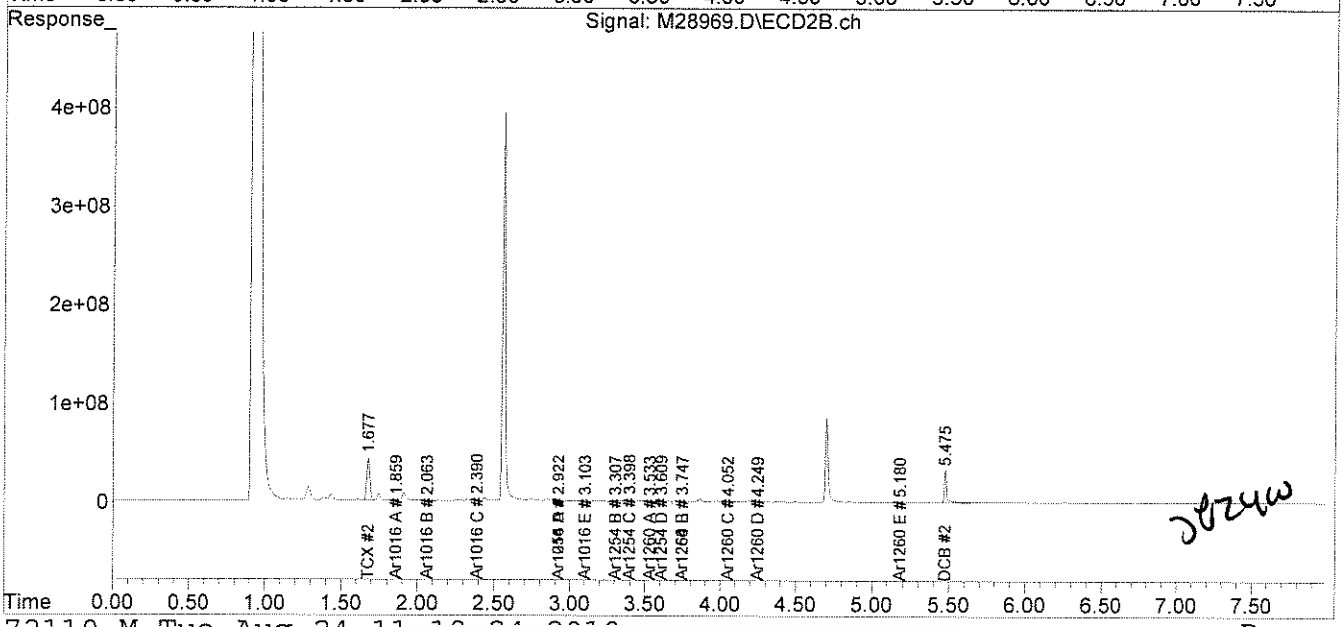
Data Path : C:\msdchem\1\DATA\082310-M\
Data File : M28969.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Aug 2010 5:56 pm
Operator : JK
Sample : 67540-12,,A/C
Misc : SOIL
ALS Vial : 16 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 24 11:18:18 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Aug 19 17:57:26 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um

JL 09-24-10





JL 09-24-10

PCB
QC FORMS

PCB SOIL
SYSTEM MONITORING COMPOUNDS
SUMMARY

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67540

	Column #1				Column #2			
SAMPLE ID	SMC 1 (%)	#	SMC 2 (%)	#	SMC 1 (%)	#	SMC 2 (%)	#
B081910PSOX,,A/C	95		57		91		60	
L081910PSOX,,A/C	93		58		94		62	
LD081910PSOX,,A/C	93		57		93		62	
67540-1,,A/C	92		59		93		60	
67540-2,,A/C	89		58		93		61	
67540-3,,A/C	92		59		95		63	
67540-4,,A/C	92		61		95		63	
67540-5,,A/C	96		63		97		59	
67540-6,,A/C	92		61		93		61	
67540-7,,A/C	92		59		96		60	
67540-7,MS,,A/C	93		60		95		60	
67540-7,MSD,,A/C	92		61		95		60	
67540-8,,A/C	88		59		98		61	

		Lower Limit	Upper Limit
SMC #1 =	TCX	40	130
SMC #2 =	DCB	40	130

\# Column to be used to flag recovery values outside of QC limits
* Values outside QC limits
D System Monitoring Compound diluted out

PCB SOIL
SYSTEM MONITORING COMPOUNDS
SUMMARY

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67540

	Column #1				Column #2			
SAMPLE ID	SMC 1 (%)	#	SMC 2 (%)	#	SMC 1 (%)	#	SMC 2 (%)	#
B081910PSOXW,,A/C	107		61		95		71	
67540-9,,A/C	96		60		101		76	
67540-10,,A/C	95		60		99		61	
67540-11,,A/C	93		59		101		85	
67540-12,,A/C	95		60		100		80	

		Lower Limit	Upper Limit
SMC #1 =	TCX	40	130
SMC #2 =	DCB	40	130

Column to be used to flag recovery values outside of QC limits
* Values outside QC limits
D System Monitoring Compound diluted out

PCB SOIL
LABORATORY CONTROL SAMPLE/DUPLICATE
PERCENT RECOVERY

Instrument ID: M

GC Column #1: STX-CLPesticides I

Column ID: 0.25 mm

GC Column #2: STX-CLPesticides II

Column ID: 0.25 mm

SDG: 67540

Non-spiked sample: B081910PSOX,,A/C

Spike: L081910PSOX,,A/C

Spike duplicate: LD081910PSOX,,A/C

COMPOUND	LCS SPIKE ADDED (ug/kg)	LCSD SPIKE ADDED (ug/kg)	LOWER LIMIT	UPPER LIMIT	RPD LIMIT	NON-SPIKE RESULT (ug/kg)	SPIKE RESULT (ug/kg)	SPIKE % REC	#	SPIKE DUP RESULT (ug/kg)	SPIKE DUP % REC	#	RPD	#
PCB 1016	200	200	65	140	30	0	210	105		192	96		9.2	
PCB 1260	200	200	60	130	30	0	205	103		232	116		12.1	
PCB 1016 #2	200	200	65	140	30	0	271	136		268	134		1.0	
PCB 1260 #2	200	200	60	130	30	0	174	87		210	105		18.7	

Column to be used to flag recovery and RPD values outside of QC limits

* Values outside QC limits

LCS/LCSD spike added values have been weight adjusted.

Non-spike result of "0" used in place of "U" to allow calculation of spike recovery.

Comments: _____

_____

PCB FORM 3

PCB SOIL
MATRIX SPIKE/DUPLICATE
PERCENT RECOVERY

Instrument ID: M

GC Column #1: STX-CLPesticides I

Column ID: 0.25 mm

GC Column #2: STX-CLPesticides II

Column ID: 0.25 mm

SDG: 67540

Non-spiked sample: 67540-7,,A/C

Spike: 67540-7,MS,,A/C

Spike duplicate: 67540-7,MSD,,A/C

COMPOUND	LCS SPIKE ADDED (ug/kg)	LCSD SPIKE ADDED (ug/kg)	LOWER LIMIT	UPPER LIMIT	RPD LIMIT	NON-SPIKE RESULT (ug/kg)	SPIKE RESULT (ug/kg)	SPIKE % REC	#	SPIKE DUP RESULT (ug/kg)	SPIKE DUP % REC	#	RPD	#
PCB 1016	204	203	65	140	30	0	189	93		251	124		28.5	
PCB 1260	204	203	60	130	30	0	230	113		227	112		0.7	
PCB 1016 #2	204	203	65	140	30	0	249	122		253	124		2.0	
PCB 1260 #2	204	203	60	130	30	0	234	115		230	113		1.5	

Column to be used to flag recovery and RPD values outside of QC limits

* Values outside QC limits

LCS/LCSD spike added values have been weight adjusted.

Non-spike result of "0" used in place of "U" to allow calculation of spike recovery.

Comments: _____

_____

CHAIN OF CUSTODIES

Chain Of Custody Form

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, NH 03801
Phone (603) 436-5111
Fax (603) 430-2151

For Analytics Use Only Rev. 5 06/18/08

Samples were:
1) Shipped or hand-delivered
2) Temp blank °C 2.8°
3) Received in good condition Y or N
4) pH checked by: N/A
5) Labels checked by: CB 8/19/10

Project#: 223019 Proj. Name: AMI STAD ACADEMY
Company: Woodard & Curran
Contact: GEORGE FRANKLIN / JEFF HAMEL
Address: 35 New England Business Center Suite 180
Andover, MA 01810
Phone: (978)557-8150 PO# Quote # WCI03051001
Sampler (Signature): [signature]

Matrix Key:
C = Concrete
WP = Wipe
WW = Wastewater
SW = Surface Water
GW = Groundwater
DW = Drinking Water
S = Soil/Sludge
O = Oil
E = Extract
B=BRICK

Container Key
P=plastic G=glass

Preservation

Station Identification	Sample Date	Sample Time	Analysis	Unpres	4° C	HNO_3	H_2SO_4	HCL	Methanol	Other	Matrix	Container number/type		pH	Analytics Sample #
AA-VBS-324	8/18/10	1050	PCB's by U.S.		✓						B	1	G		67540-1
AA-VBS-325		1055	EPA. 8082 w/		✓						B	1	G		2
AA-VSS-326		1110	Soxhlet		✓						S	1	G		3
AA-VSS-327		1115	Extraction		✓						S	1	G		4
AA-VSS-328		1120			✓						S	1	G		5
AA-VSS-329		1125			✓						S	1	G		6
AA-VSS-330		1130			✓						S	1	G		7
AA-VSS-331		1135			✓						S	1	G		8
AA-VSS-332		1140	1145		✓						S	1	G		9
AA-VSS-333		1145			✓						S	1	G		10
AA-VBS-334		1215			✓						B	1	G		11

Email Results to: gfranklin@..., jhamel@..., jream@...

Comments / Instructions:
R.L. ≤ 1.0 mg/kg.

Turnaround Time (TAT)
- [ ] 24hr*
- [x] 48hr*
- [ ] 72hr*
- [ ] 5 Days*
- [ ] 10 Days

*Fee may apply; lab approval required

Project Requirements:
*Fee may apply

Report Type:
- [ ] MCP*
- [x] Level II*
- [ ] CTRCP*
- [ ] Level III*
- [ ] DOD*
- [ ] Level IV*
- [ ] Standard

State:
- [ ] NH
- [ ] MA
- [ ] ME
- [x] CT
- [ ] RI
- Other:

State Standard:
(eg. S-1 or GW-1)

EDD Required: Y N
Type: .xls

Received By: FEDEX Time: Date: 8/18/10
Received By: [signature] Time: 0900 Date: 08/19/10
Received By: Time: Date: 08/19/10

Relinquished By Sampler: [signature] Date: 8/18/10
Relinquished By: FEDEX Date: 08/19/10
Relinquished By: [signature] Date: 08/19/10

Analytics\AEL Documents\AEL COC

Page 1 of 2

Chain Of Custody Form

analytics environmental laboratory LLC
195 Commerce Way Suite E
Portsmouth, NH 03801
Phone (603) 436-5111
Fax (603) 430-2151

For Analytics Use Only Rev. 5 06/18/08

Samples were:
1) Shipped or hand-delivered
2) Temp blank °C 2.8°
3) Received in good condition Y or N
4) pH checked by: N/A
5) Labels checked by: CR 8/19/10

Project#: 223019 Proj. Name: AMISTAD ACADEMY
Company: Woodard & Curran
Contact: GEORGE FRANKLIN
Address: 35 New England Business Center Suite 180
Andover, MA 01810
Phone: (978)557-8150 PO# Quote # WCI03051001
Sampler (Signature): [signature]

Matrix Key: C = Concrete, B = Brick, WP = Wipe, WW = Wastewater, SW = Surface Water, GW = Groundwater, DW = Drinking Water, S = Soil/Sludge, O = Oil, E = Extract

Container Key: P=plastic G=glass

Station Identification	Sample Date	Sample Time	Analysis	Unpres	4° C	HNO_3	H_2SO_4	HCL	Methanol	Other	Matrix	Container number/type		pH	Analytics Sample #
AA-VBS-335	8/18/10	1220	PCB's by Ue. EPA. 8082 w/ Soxhlet Extraction		✓						B	1	G		67540-12

CR 8/19/10

Comments / Instructions: R.L. ≤1.0 mg/kg.

Email Results to: gfranklin, jhamel, jream

Turnaround Time (TAT): ☐ 24hr* ☑ 48hr* ☐ 72hr* ☐ 5 Days* ☐ 10 Days
*Fee may apply; lab approval required

Project Requirements: *Fee may apply

Report Type: ☐ MCP* ☑ Level II* ☐ CTRCP* ☐ Level III* ☐ DOD* ☐ Level IV* ☐ Standard

State: ☐ NH ☐ MA ☐ ME ☑ CT ☐ RI Other:

State Standard: (eg. S-1 or GW-1)

EDD Required: Y* N
Type: .xls

Received By: FEDEX	Received By: [signature]	Received By:
Time:	Time: 0900	Time:
Date: 8/18/10	Date: 08/19/10	Date: 08/19/10
Relinquished By Sampler: [signature]	Relinquished By: FEDEX	Relinquished By: [signature]

Analytics\AEL Documents\AEL COC

ANALYTICS SAMPLE RECEIPT CHECKLIST

analytics environmental laboratory LLC

AEL LAB#: 67540 COOLER NUMBER: 30

CLIENT: WOODARD & CURRAN NUMBER OF COOLERS: 1

PROJECT: AMISTAD ACADEMY DATE RECEIVED: 08/19/10

A: PRELIMINARY EXAMINATION: DATE COOLER OPENED: 08/19/10

1. Cooler received by(initials): CP Date Received: 08/19/10

2. Circle one: Hand delivered (If so, skip 3) Shipped

3. Did cooler come with a shipping slip? Y N

3a. Enter carrier name and airbill number here: FEDEX 7938 3380 8996

4. Were custody seals on the outside of cooler? Y N
How many & where: N/A Seal Date: N/A Seal Name: N/A

5. Did the custody seals arrive unbroken and intact upon arrival? Y N/A

6. COC#: N/A

7. Were Custody papers filled out properly (ink,signed, etc)? Y N RELINQUISHED TIME OMITTED FROM COC.

8. Were custody papers sealed in a plastic bag? Y N

9. Did you sign the COC in the appropriate place? Y N

10. Was the project identifiable from the COC papers? Y N

11. Was enough ice used to chill the cooler? Y N Temp. of cooler: 2.8°

B. Log-In: Date samples were logged in: 08/19/10 By: CP

12. Type of packing in cooler(bubble wrap, popcorn) Y N

13. Were all bottles sealed in separate plastic bags? Y N

14. Did all bottles arrive unbroken and were labels in good condition? Y N

15. Were all bottle labels complete(ID,Date,time,etc.) Y N

16. Did all bottle labels agree with custody papers? Y N

17. Were the correct containers used for the tests indicated: Y N

18. Were samples received at the correct pH? Y N/A

19. Was sufficient amount of sample sent for the tests indicated? Y N

20. Were bubbles absent in VOA samples? Y NA

If NO, List Sample ID's and Lab #s: _____

21. Laboratory labeling verified by (initials): CP Date: 8/19/10

From: Origin ID: BNHA (203) 271-0379
Jesse Ream
WOODARD & CURRAN INC
1520 HIGHLAND AVENUE

CHESHIRE, CT 06410

FedEx Express

J102010B890225

Ship Date: 18AUG10
ActWgt: 25.0 LB
CAD: 2185050/INET3060

Delivery Address Bar Code

SHIP TO: (603) 436-5111 BILL SENDER

Analytics Enviro Labs, LLC
Analytics Enviro Labs, LLC
195 COMMERCE WAY UNIT E

PORTSMOUTH, NH 03801

Ref # 223019.00
Invoice #
PO #
Dept #

TRK# 0201 7938 3380 8996

THU - 19 AUG A2
PRIORITY OVERNIGHT

03801
NH-US
MHT

03 IGGA

588G4/33D6/9A24

After printing this label:
1. Use the 'Print' button on this page to print your label to your laser or inkjet printer.
2. Fold the printed page along the horizontal line.
3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

Warning: Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com.FedEx will not be responsible for any claim in excess of $100 per package, whether the result of loss, damage, delay, non-delivery,misdelivery,or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim.Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic valueof the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental,consequential, or special is limited to the greater of $100 or the authorized declared value. Recovery cannot exceed actual documented loss.Maximum for items of extraordinary value is $500, e.g. jewelry, precious metals, negotiable instruments and other items listed in our ServiceGuide. Written claims must be filed within strict time limits, see current FedEx Service Guide.

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

August 25, 2010

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

RE: Analytical Results Case Narrative
Analytics # 67562
AMISTAD ACADEMY

Dear Mr. Franklin;

Enclosed please find the analytical results for samples submitted for the above-mentioned project. The attached Cover Page lists the sample IDs, Lab tracking numbers and collection dates for the samples included in this deliverable.

Samples were analyzed Polychlorinated Biphenyls (PCBs) by EPA Method 8082.

Unless otherwise noted in the Non-conformance Summary listed below, all of the quality control (QC) criteria including initial calibration, calibration verification, surrogate recovery, holding time and method accuracy/precision for these analyses were within acceptable limits.

This Level II data package has been assembled in the following order:

Case Narrative/Non-Conformance Summary
Sample Log Sheet - Cover Page
PCB Form 1 Data Sheet for Samples and Blanks
Chromatograms
PCB Form 10 Confirmation Results
PCB Form 3 MS/MSD (LCS) Recoveries
Chain of Custody (COC) Forms

QC NON-CONFORMANCE SUMMARY

Sample Receipt:
Samples were received at the laboratory at 7.6°C. The client was contacted and instructed the laboratory to proceed with analysis.

PCBs by EPA Method 8082:
No results were reported below the quantitation limit.

Column#2 had some analytes with marginally high recoveries in the continuing calibration standards for sample 67562-5. Column#1 was in control for all analytes. Results were reported without qualification.

If you have any questions on these results, please do not hesitate to contact me.

Sincerely,
ANALYTICS Environmental Laboratory, LLC

Stephen L. Knollmeyer
Laboratory Director

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

Report Number: 67562

Revision: Rev. 0

Re: Amistad Academy (Project No: 223019)

Enclosed are the results of the analyses on your sample(s). Samples were received on 20 August 2010 and analyzed for the tests listed. Samples were received in acceptable condition, with the exceptions noted below or on the chain of custody. These results pertain to samples as received by the laboratory and for the analytical tests requested on the chain of custody. The results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report. Please see individual reports for specific methodologies and references.

Lab Number	Sample Date	Station Location	Analysis	Comments
67562-1	08/19/10	AA-VCC-336	EPA 8082 (PCBs only)	
67562-2	08/19/10	AA-VCC-337	EPA 8082 (PCBs only)	
67562-3	08/19/10	AA-VSS-338	EPA 8082 (PCBs only)	
67562-4	08/19/10	AA-VSS-539	EPA 8082 (PCBs only)	
67562-5	08/19/10	AA-VSS-Q-340	EPA 8082 (PCBs only)	
67562-6	08/19/10	AA-VSS-341	EPA 8082 (PCBs only)	
67562-7	08/19/10	AA-VSS-342	Electronic Data Deliverable	
	08/19/10	AA-VSS-342	EPA 8082 (PCBs only)	

Sample Receipt Exceptions: Samples received at 7.6 °C which was outside laboratory acceptance criteria. The client was notified and analysis continued.

Analytics Environmental Laboratory is certified by the states of New Hampshire, Maine, Massachusetts, Connecticut, Rhode Island, Virginia, Maryland, and is accredited by the Deparment of Defense (DOD) ELAP program. A list of actual certified parameters is available upon request.

If you have any questions on these results, please do not hesitate to contact us.

Authorized signature _____
Stephen L. Knollmeyer Lab. Director

Date 8/25/2010

This report shall not be reproduced, except in full, without the written consent of Analytics Environmental Laboratory, LLC.

Surrogate Compound Limits

Matrix:	Aqueous	Solid	
Units:	% Recovery	% Recovery	Method
Volatile Organic Compounds - Drinking Water			
1,4-Difluorobenzene	70-130		EPA 524.2
Bromofluorobenzene	70-130		
1,2-Dichlorobenzene-d4	70-130		
Volatile Organic Compounds			
1,2-Dichloroethane-d4	70-120	70-120	EPA 624/8260B
Toluene-d8	85-120	85-120	
Bromofluorobenzene	75-120	75-120	
Semi-Volatile Organic Compounds			
2-Fluorophenol	20-110	35-105	EPA 625/8270C
d5-Phenol	15-110	40-100	
d5-nitrobenzene	40-110	35-100	
2-Fluorobiphenyl	50-110	45-105	
2,4,6-Tribromophenol	40-110	40-125	
d14-p-terphenyl	50-130	30-125	
PAH's by SIM			
d5-nitrobenzene	21-110	35-110	EPA 8270C
2-Fluorobiphenyl	36-121	45-105	
d14-p-terphenyl	33-141	30-125	
Pesticides and PCBs			
2,4,5,6-Tetrachloro-m-xylene (TCX)	46-122	40-130	EPA 608/8082
Decachlorobiphenyl (DCB)	40-135	40-130	
Herbicides			
Dichloroacetic acid (DCAA)	30-150	30-150	
Gasoline Range Organics/TPH Gasoline			
Trifluorotoluene TFT (FID)	60-140	60-140	MEDEP 4217/EPA 8015
Bromofluorobenzene (BFB) (FID)	60-140	60-140	
Trifluorotoluene TFT (PID)	60-140	60-140	
Bromofluorobenzene (BFB) (PID)	60-140	60-140	
Diesel Range Organics/TPH Diesel			
m-terphenyl	60-140	60-140	MEDEP 4125/EPA 8015/CT ETPH
Volatile Petroleum Hydrocarbons			
2,5-Dibromotoluene (PID)	70-130	70-130	MADEP VPH May 2004 Rev1.1
2,5-Dibromotoluene (FID)	70-130	70-130	
Extracatable Petroleum Hydrocarbons			
1-chloro-octadecane (aliphatic)	40-140	40-140	MADEP EPH May 2004 Rev1.1
o-Terphenyl (aromatic)	40-140	40-140	
2-Fluorobiphenyl (Fractionation)	40-140	40-140	
2-Bromonaphthalene (fractionation)	40-140	40-140	

PCB
DATA SUMMARIES

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 25, 2010

SAMPLE DATA

Lab Sample ID: B082010PW
Matrix: Aqueous
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date:
Lab Receipt Date:
Extraction Date: 08/20/10
Analysis Date: 08/23/10

CLIENT SAMPLE ID

Project Name: Amistad Academy
Project Number: 223019
Field Sample ID: Lab QC

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/L	Results µg/L
PCB-1016	0.2	U
PCB-1221	0.2	U
PCB-1232	0.2	U
PCB-1242	0.2	U
PCB-1248	0.2	U
PCB-1254	0.2	U
PCB-1260	0.2	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	83	%
Decachlorobiphenyl	56	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS:

PCB Report

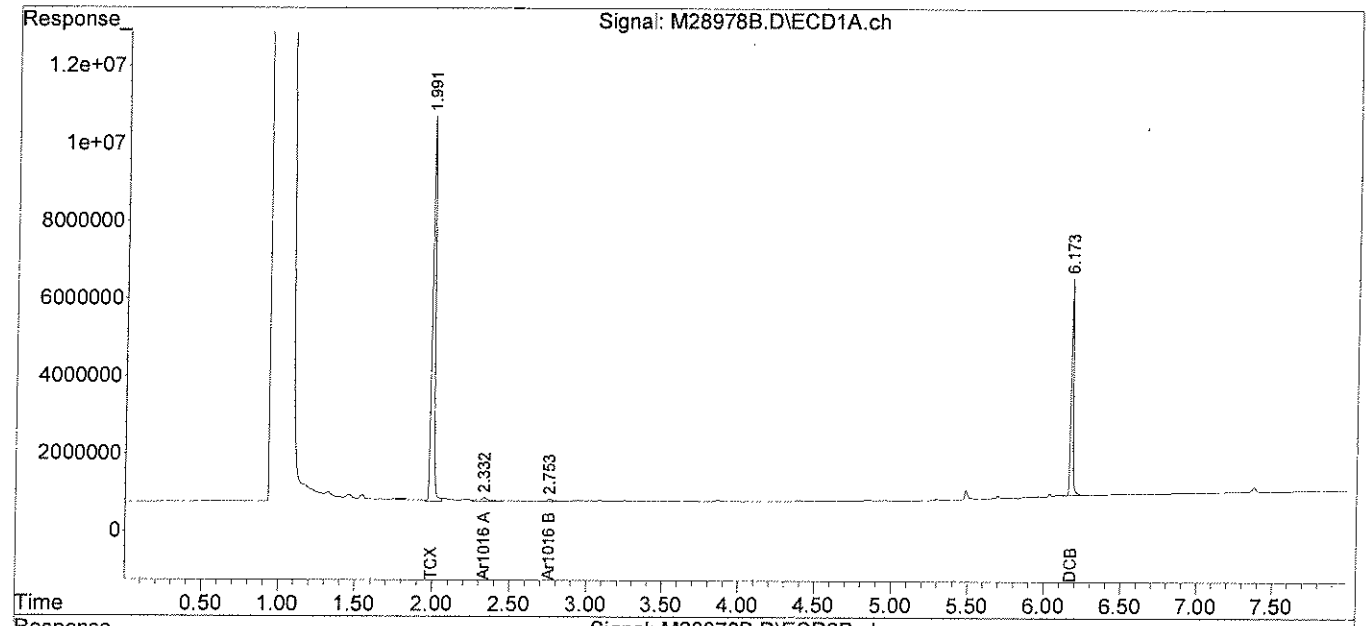
Authorized signature

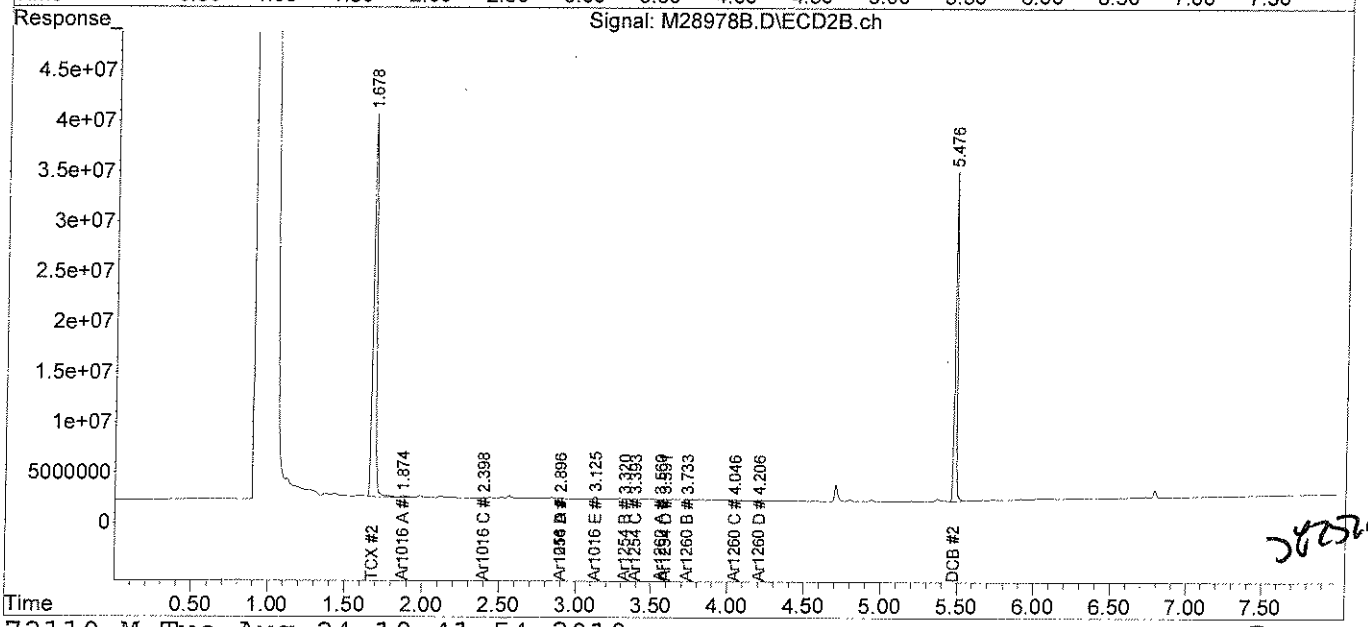
Data Path : C:\msdchem\1\DATA\082310-M\
Data File : M28978B.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Aug 2010 7:29 pm
Operator : JK
Sample : B082010PW
Misc :
ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 24 10:41:54 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Aug 19 17:57:26 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um

VL 08-24-1





082520

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 25, 2010

SAMPLE DATA

CLIENT SAMPLE ID

Project Name: Amistad Academy

Project Number: 223019

Field Sample ID: Lab QC

Lab Sample ID: B082210PSOX
Matrix: Soil
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date:
Lab Receipt Date:
Extraction Date: 08/22/10
Analysis Date: 08/24/10

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	97	%
Decachlorobiphenyl	61	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB Report

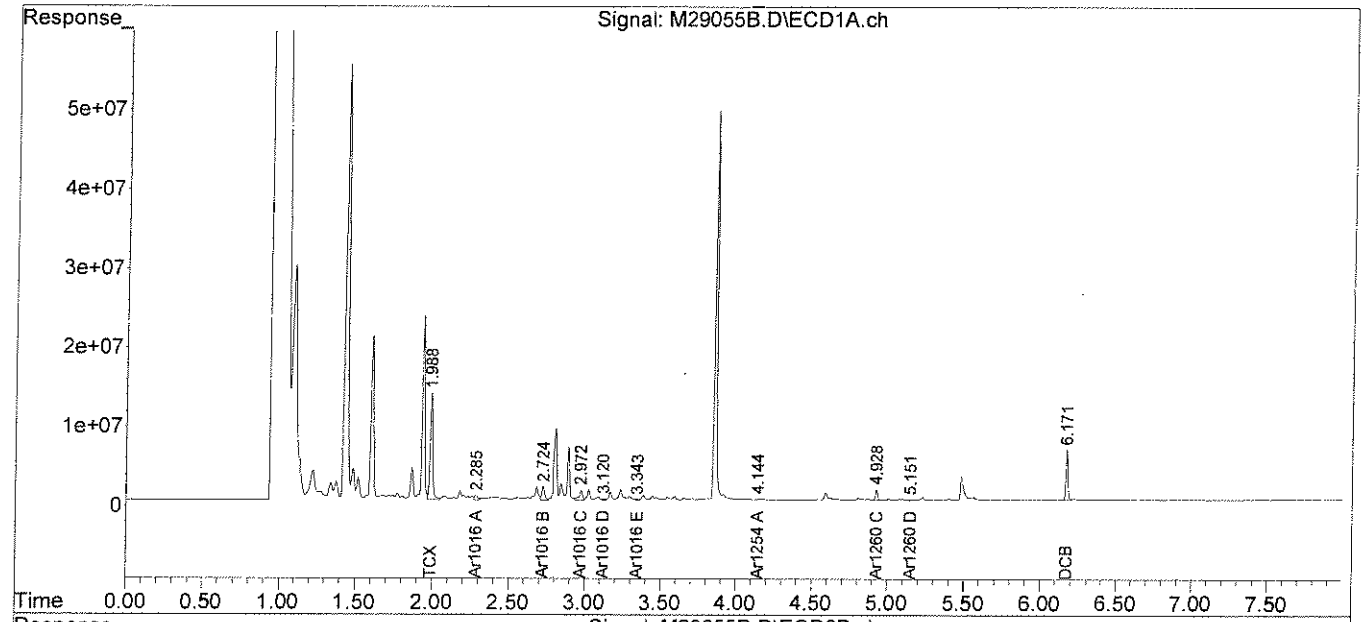
Authorized signature

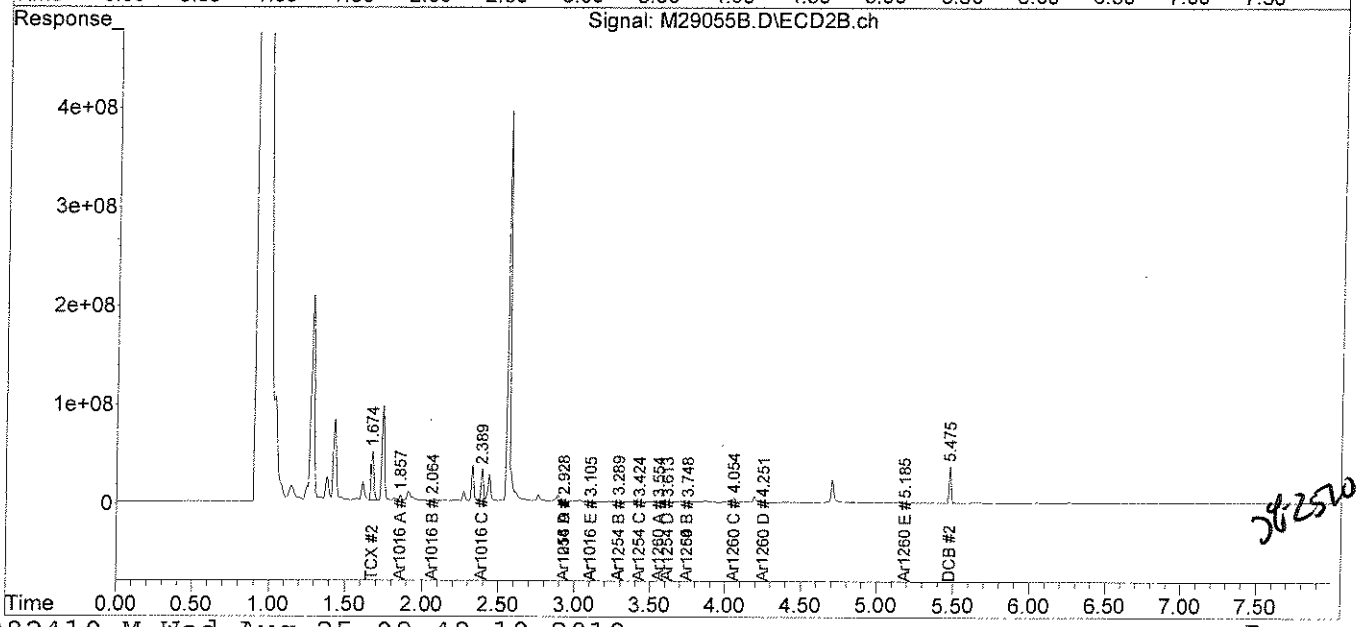
Data Path : C:\msdchem\1\DATA\082410-M\
Data File : M29055B.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Aug 2010 9:17 pm
Operator : JK
Sample : B082210PSOX,,A/C
Misc : SOIL
ALS Vial : 29 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 25 09:48:10 2010
Quant Method : C:\msdchem\1\METHODS\PCB082410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Wed Aug 25 09:33:39 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um

OL 08252





JK 2510

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 25, 2010

SAMPLE DATA

Lab Sample ID:	67562-1
Matrix:	Solid
Percent Solid:	76
Dilution Factor:	1.3
Collection Date:	08/19/10
Lab Receipt Date:	08/20/10
Extraction Date:	08/22/10
Analysis Date:	08/24/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VCC-336

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	43	U
PCB-1221	43	U
PCB-1232	43	U
PCB-1242	43	U
PCB-1248	43	U
PCB-1254	43	U
PCB-1260	43	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	104	%
Decachlorobiphenyl	72	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

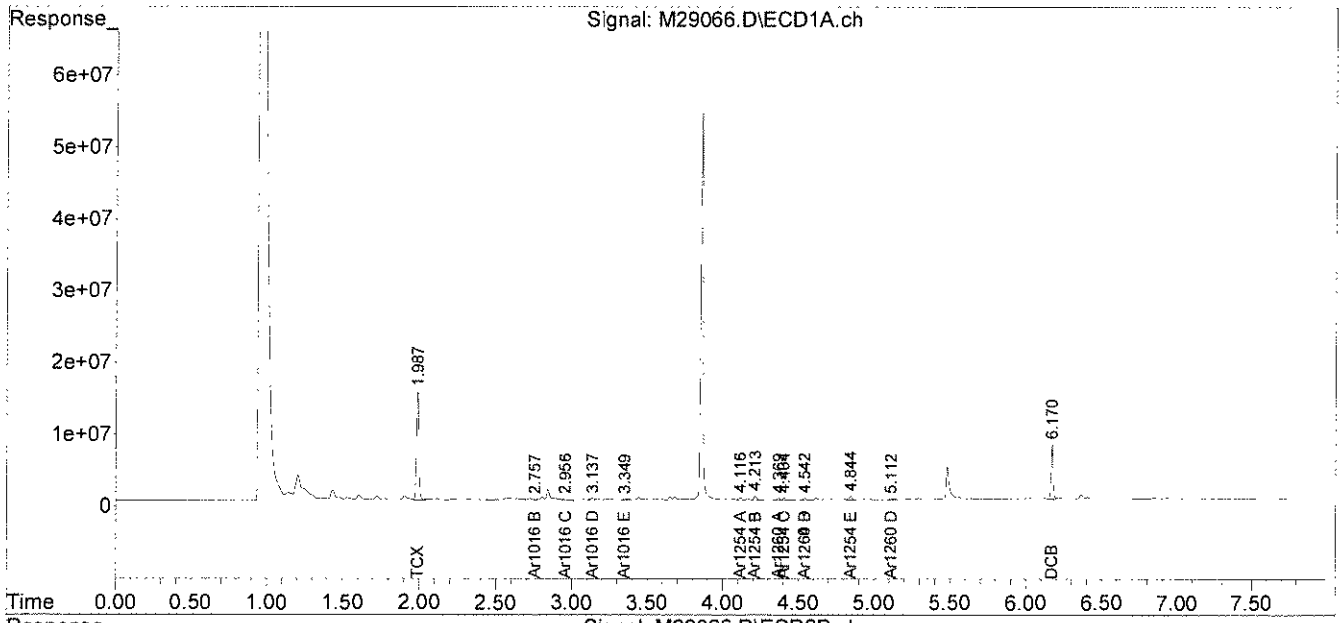
Quantitation Report (QT Reviewed)

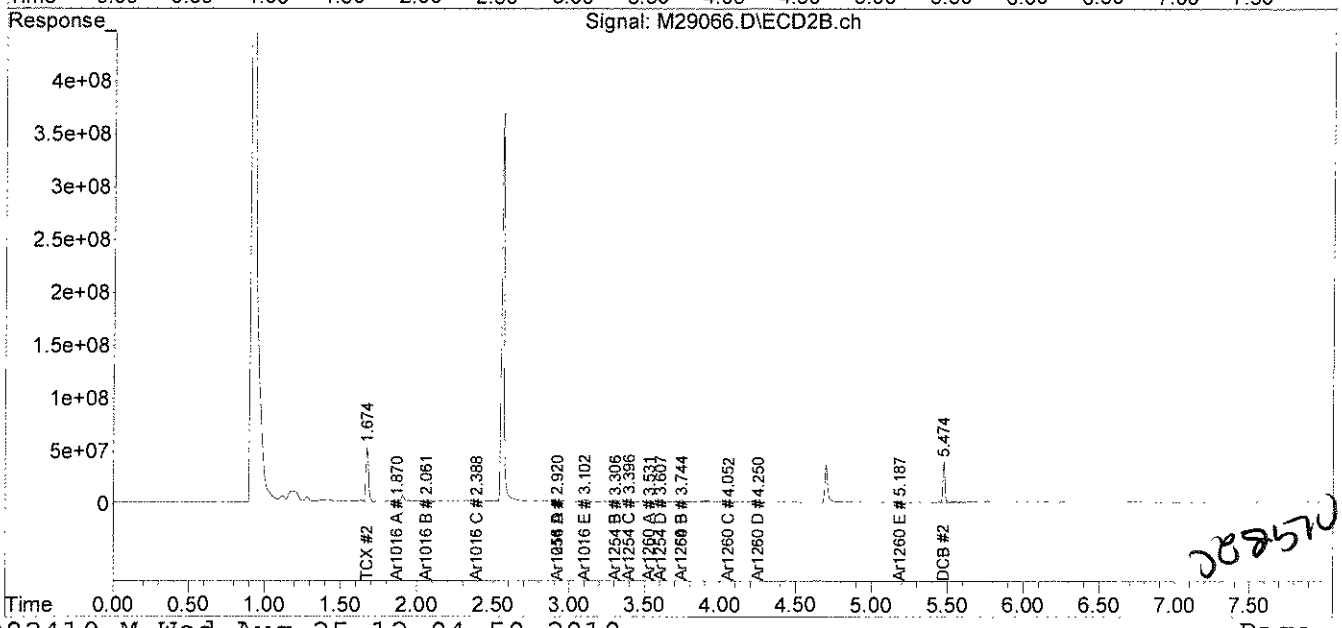
Data Path : C:\msdchem\1\DATA\082410-M\
Data File : M29066.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Aug 2010 11:09 pm
Operator : JK
Sample : 67562-1,,A/C
Misc : SOIL
ALS Vial : 40 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 25 12:04:41 2010
Quant Method : C:\msdchem\1\METHODS\PCB082410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Wed Aug 25 09:33:39 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um

JL 08-25-10





082510

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 25, 2010

SAMPLE DATA

CLIENT SAMPLE ID

Project Name: Amistad Academy

Project Number: 223019

Field Sample ID: AA-VCC-337

Lab Sample ID: 67562-2
Matrix: Solid
Percent Solid: 94
Dilution Factor: 5
Collection Date: 08/19/10
Lab Receipt Date: 08/20/10
Extraction Date: 08/22/10
Analysis Date: 08/24/10

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	170	U
PCB-1221	170	U
PCB-1232	170	U
PCB-1242	170	U
PCB-1248	170	U
PCB-1254	170	**2390**
PCB-1260	170	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	104	%
Decachlorobiphenyl	59	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67562
Sample: 67562-2,1:5,,A/C
Data File: M29067.D
Dilution Factor: 5.I

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	2387	2303	3.6	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

PCB FORM 10

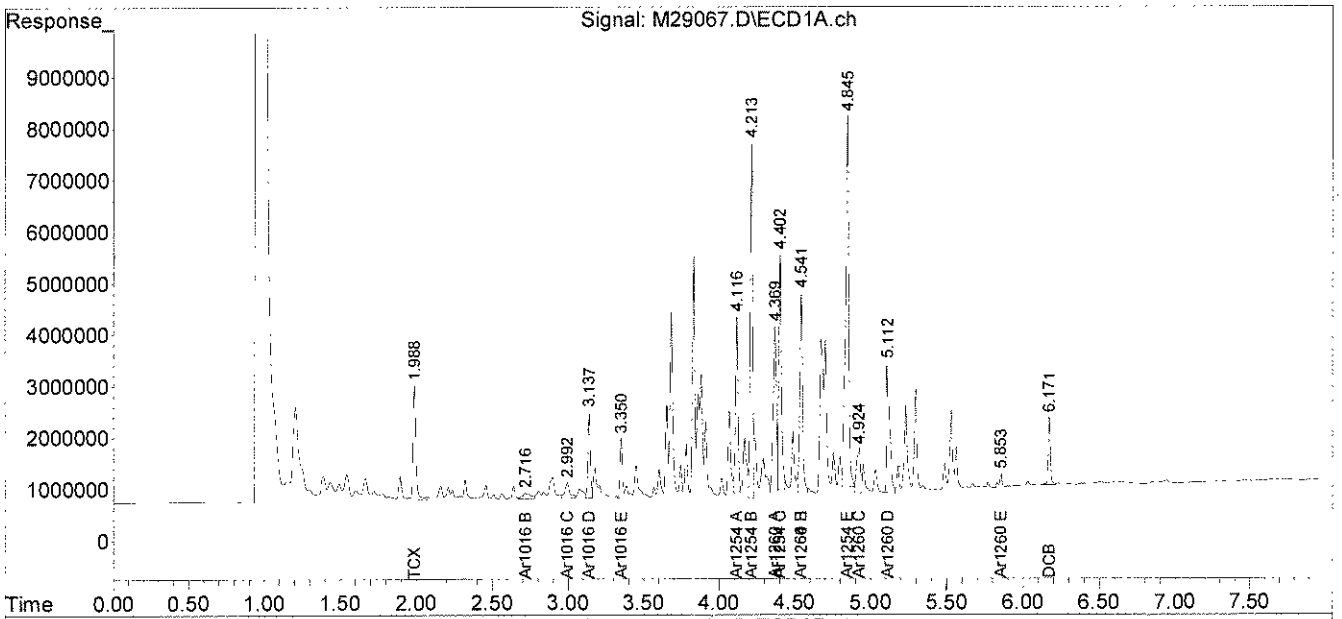
Quantitation Report (QT Reviewed)

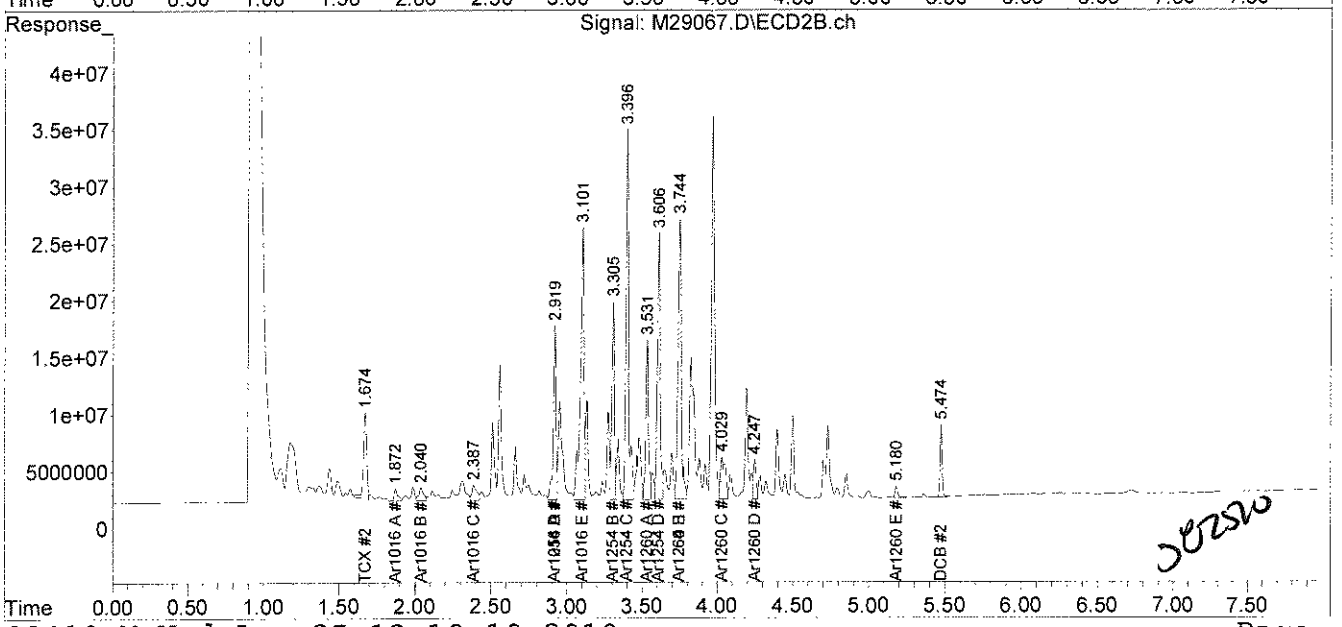
Data Path : C:\msdchem\1\DATA\082410-M\
Data File : M29067.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Aug 2010 11:20 pm
Operator : JK
Sample : 67562-2,1:5,,A/C
Misc : SOIL
ALS Vial : 41 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 25 12:10:03 2010
Quant Method : C:\msdchem\1\METHODS\PCB082410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Wed Aug 25 09:33:39 2010
Response via : Initial Calibration
Integrator: ChemStation

JL 08-25-10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





JL 082510

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 25, 2010

SAMPLE DATA

Lab Sample ID:	67562-3
Matrix:	Solid
Percent Solid:	98
Dilution Factor:	1.0
Collection Date:	08/19/10
Lab Receipt Date:	08/20/10
Extraction Date:	08/22/10
Analysis Date:	08/24/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-338

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	90	%
Decachlorobiphenyl	58	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB Report

Authorized signature

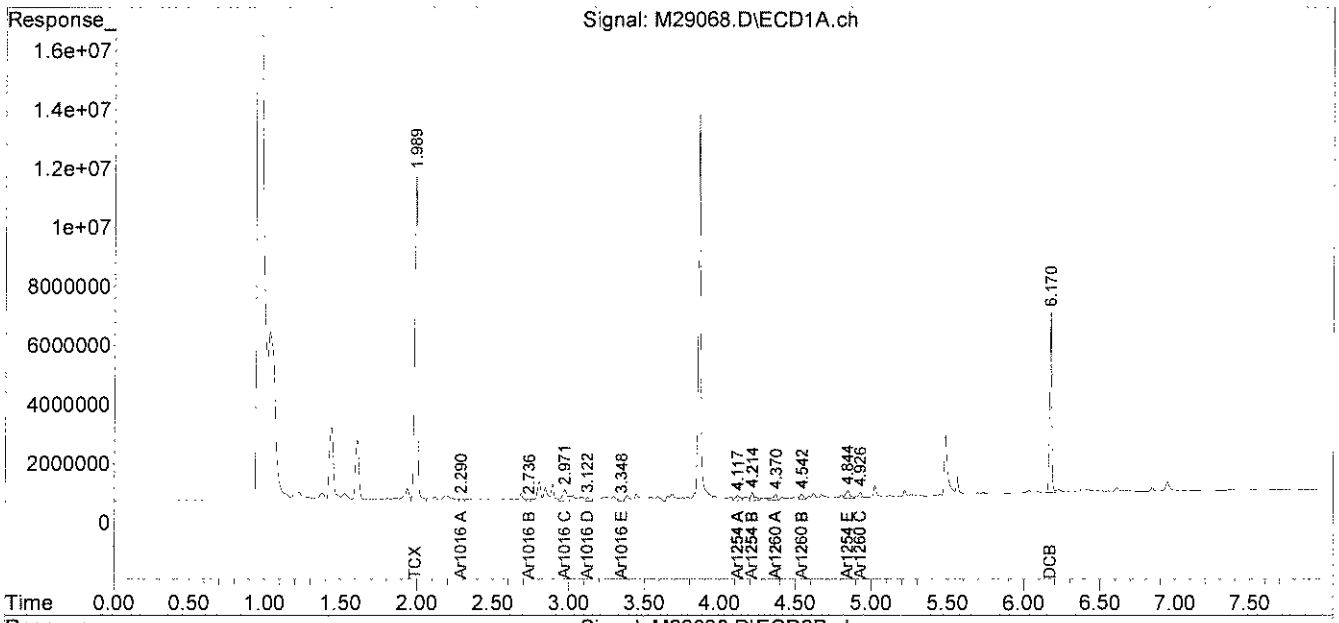
Quantitation Report (Not Reviewed)

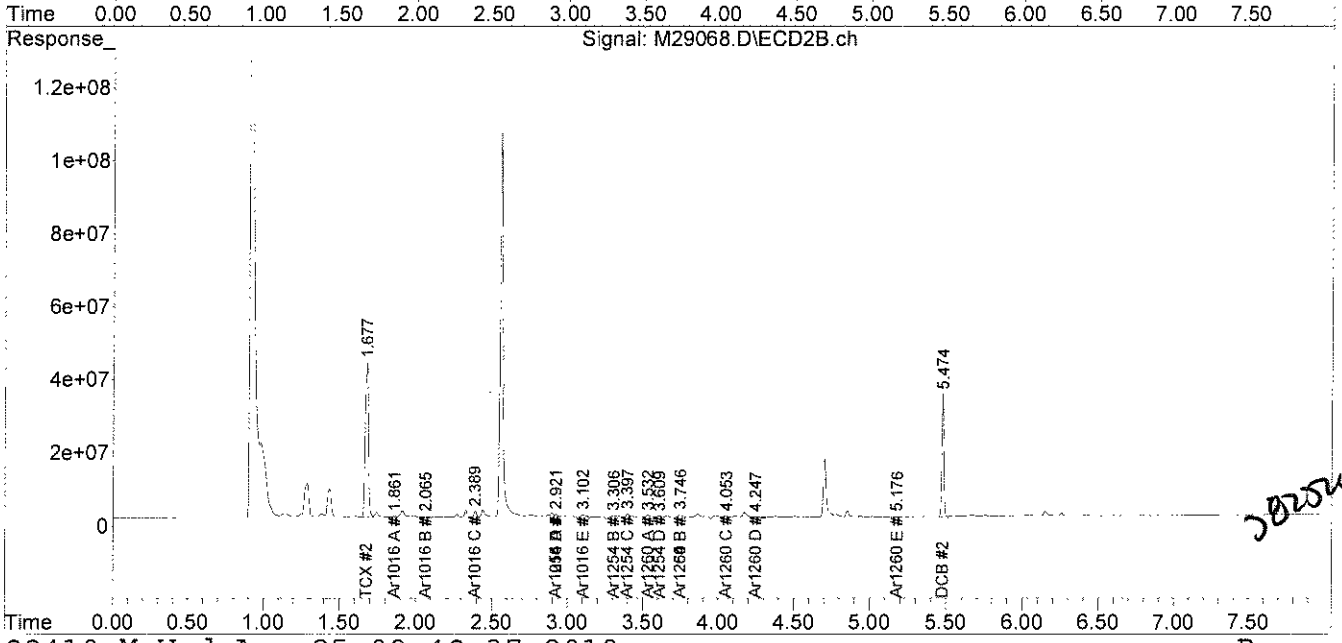
Data Path : C:\msdchem\1\DATA\082410-M\
Data File : M29068.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Aug 2010 11:30 pm
Operator : JK
Sample : 67562-3,,A/C
Misc : SOIL
ALS Vial : 42 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 25 09:48:37 2010
Quant Method : C:\msdchem\1\METHODS\PCB082410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Wed Aug 25 09:33:39 2010
Response via : Initial Calibration
Integrator: ChemStation

JL 08-25-10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





JL 08-25-10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 25, 2010

SAMPLE DATA

Lab Sample ID:	67562-4
Matrix:	Solid
Percent Solid:	97
Dilution Factor:	1.0
Collection Date:	08/19/10
Lab Receipt Date:	08/20/10
Extraction Date:	08/22/10
Analysis Date:	08/24/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-539

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	91	%
Decachlorobiphenyl	59	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

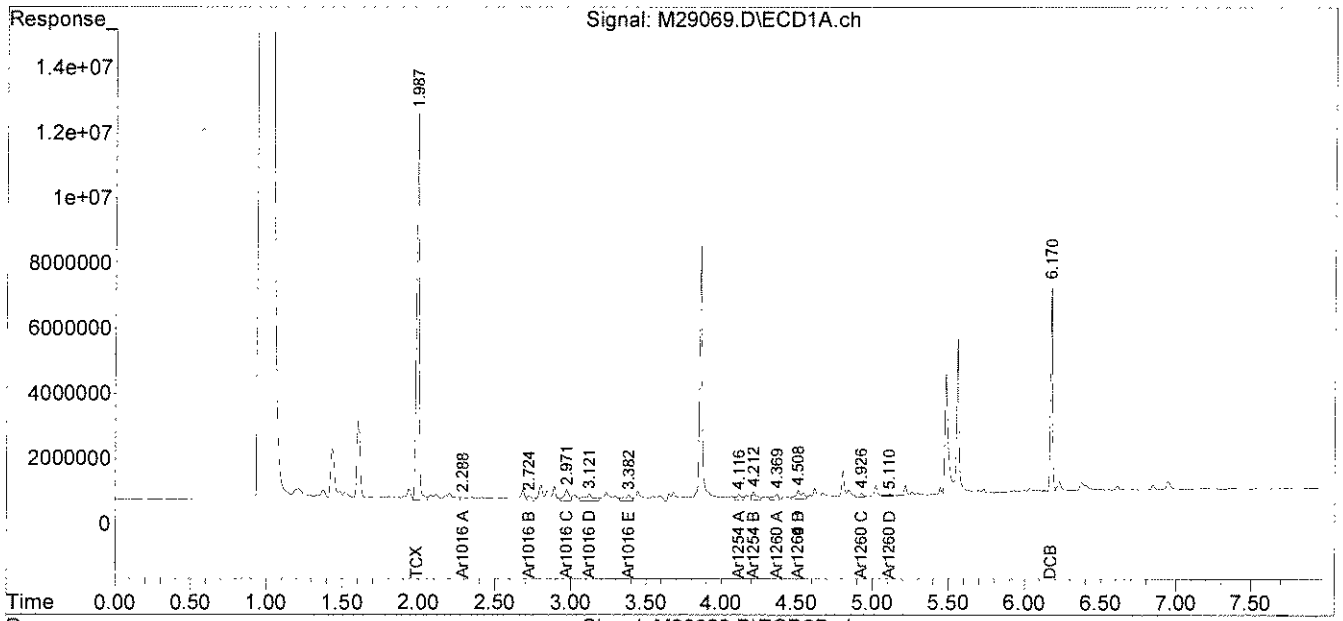
Quantitation Report (Not Reviewed)

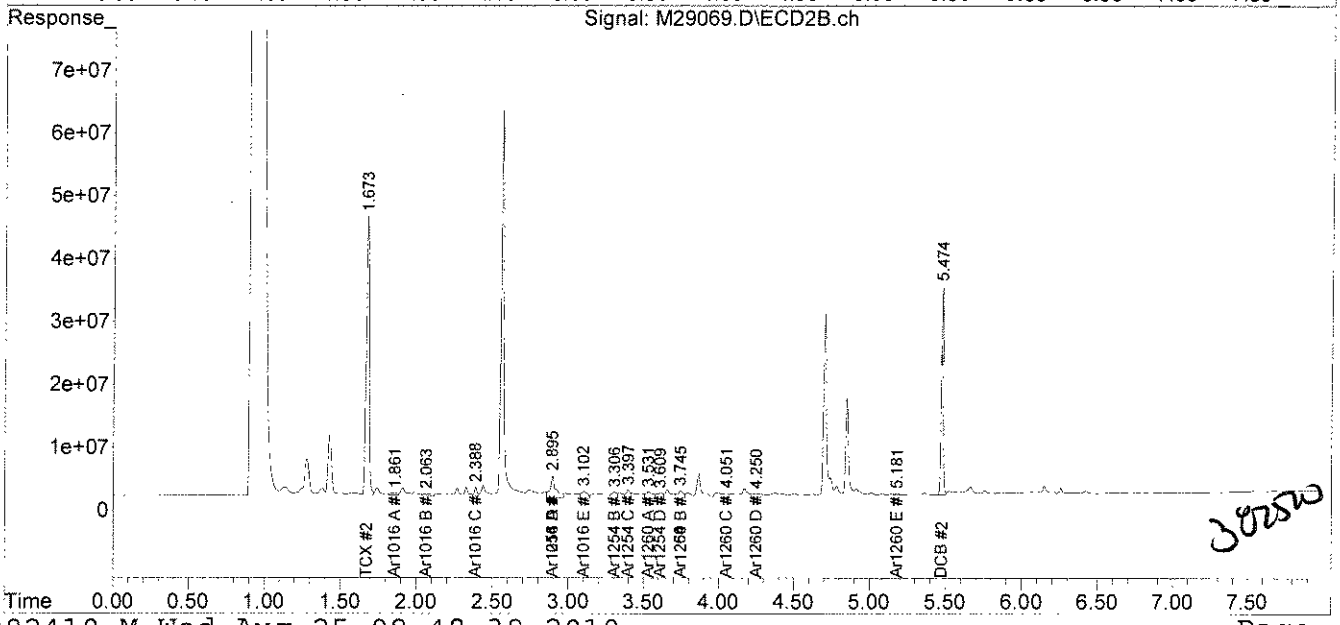
Data Path : C:\msdchem\1\DATA\082410-M\
Data File : M29069.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Aug 2010 11:40 pm
Operator : JK
Sample : 67562-4,,A/C
Misc : SOIL
ALS Vial : 43 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 25 09:48:39 2010
Quant Method : C:\msdchem\1\METHODS\PCB082410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Wed Aug 25 09:33:39 2010
Response via : Initial Calibration
Integrator: ChemStation

JL 08.25.10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





3082510

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 25, 2010

SAMPLE DATA

CLIENT SAMPLE ID

Project Name: Amistad Academy

Project Number: 223019

Field Sample ID: AA-VSS-Q-340

Lab Sample ID: 67562-5
Matrix: Aqueous
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date: 08/19/10
Lab Receipt Date: 08/20/10
Extraction Date: 08/20/10
Analysis Date: 08/23/10

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/L	Results µg/L
PCB-1016	0.2	U
PCB-1221	0.2	U
PCB-1232	0.2	U
PCB-1242	0.2	U
PCB-1248	0.2	U
PCB-1254	0.2	U
PCB-1260	0.2	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	90	%
Decachlorobiphenyl	57	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS:

PCB Report

Authorized signature

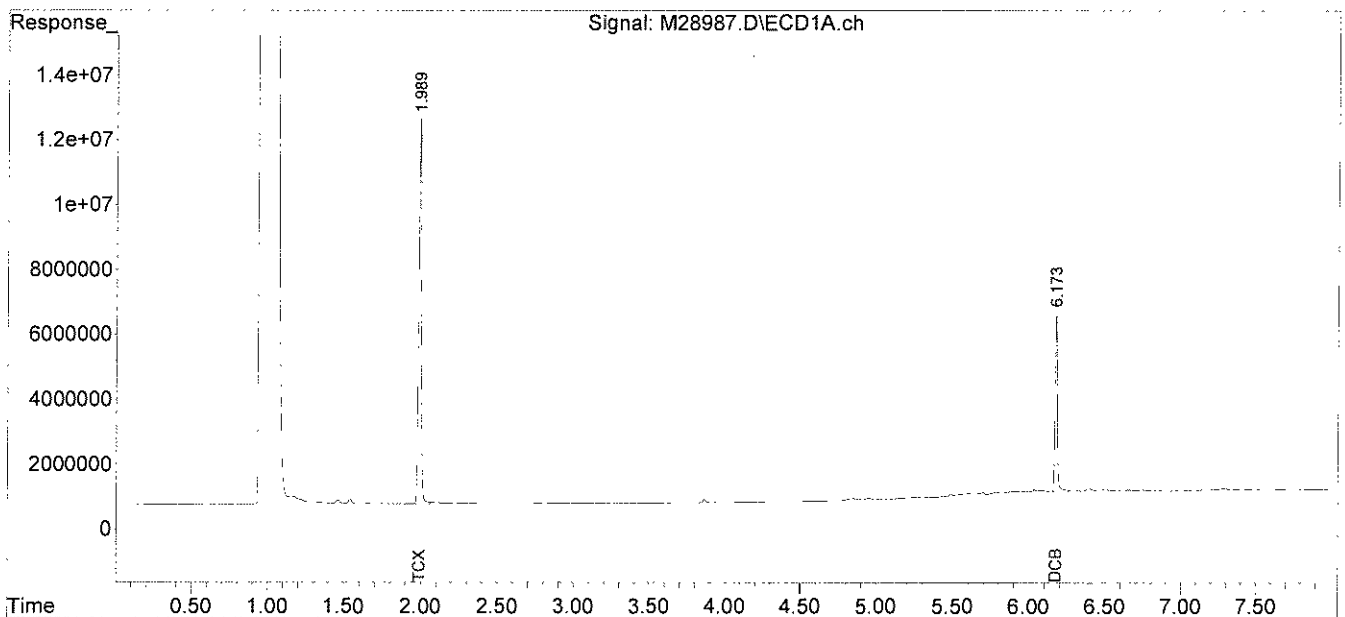
Quantitation Report (Not Reviewed)

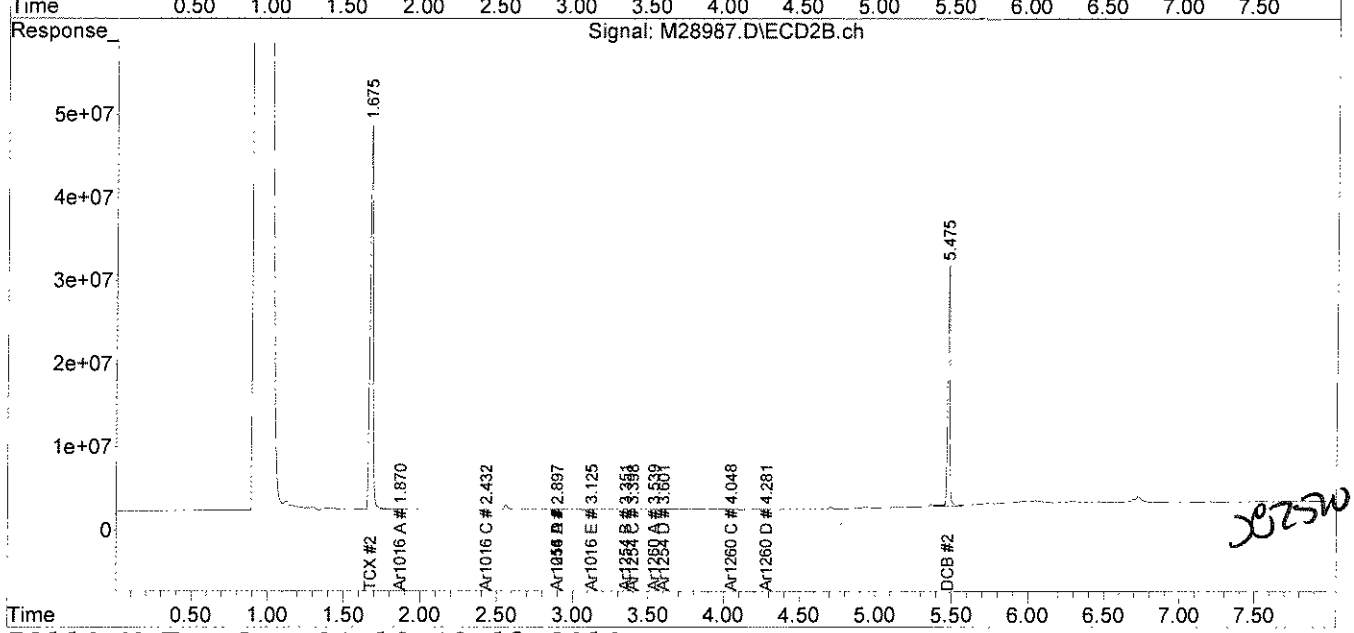
Data Path : C:\msdchem\1\DATA\082310-M\
Data File : M28987.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Aug 2010 9:01 pm
Operator : JK
Sample : 67562-5
Misc :
ALS Vial : 30 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 24 10:42:13 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Aug 19 17:57:26 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um

JL 08.24.10





PCB072110.M Tue Aug 24 10:42:13 2010 Page: 2
Analytics Report 67562 page 0020 of 34

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 25, 2010

SAMPLE DATA

Lab Sample ID:	67562-6
Matrix:	Solid
Percent Solid:	97
Dilution Factor:	1.0
Collection Date:	08/19/10
Lab Receipt Date:	08/20/10
Extraction Date:	08/22/10
Analysis Date:	08/24/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-341

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	90	%
Decachlorobiphenyl	58	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB Report

Authorized signature

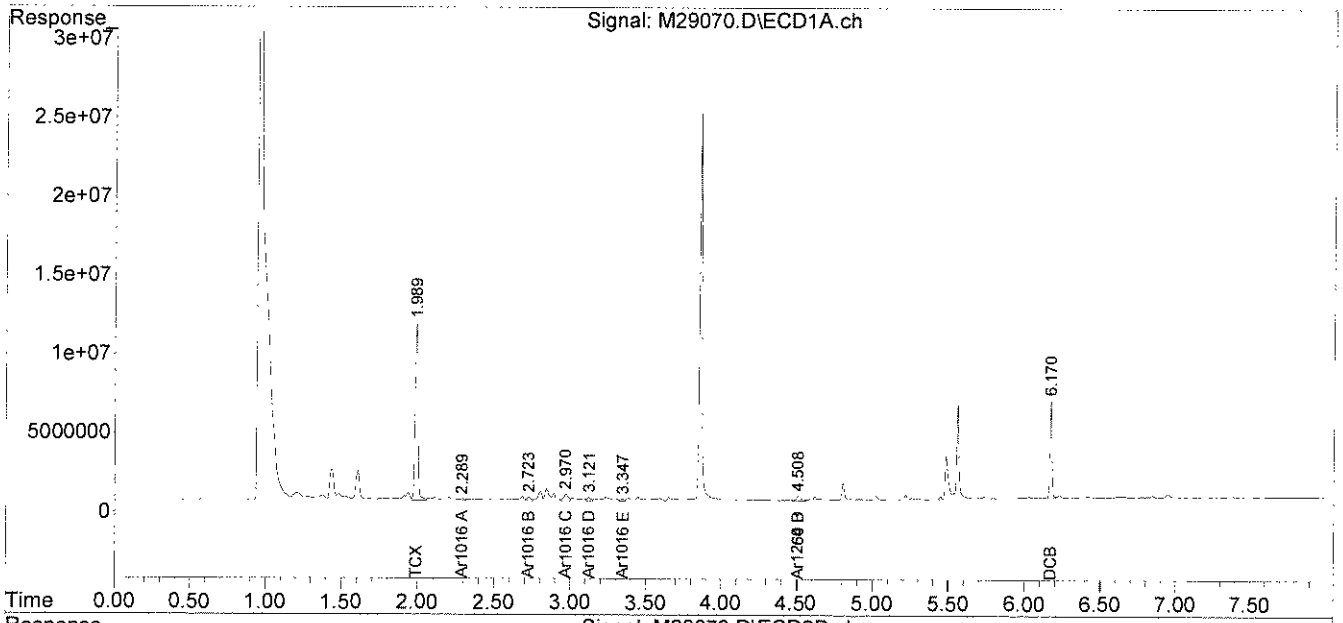
Quantitation Report (Not Reviewed)

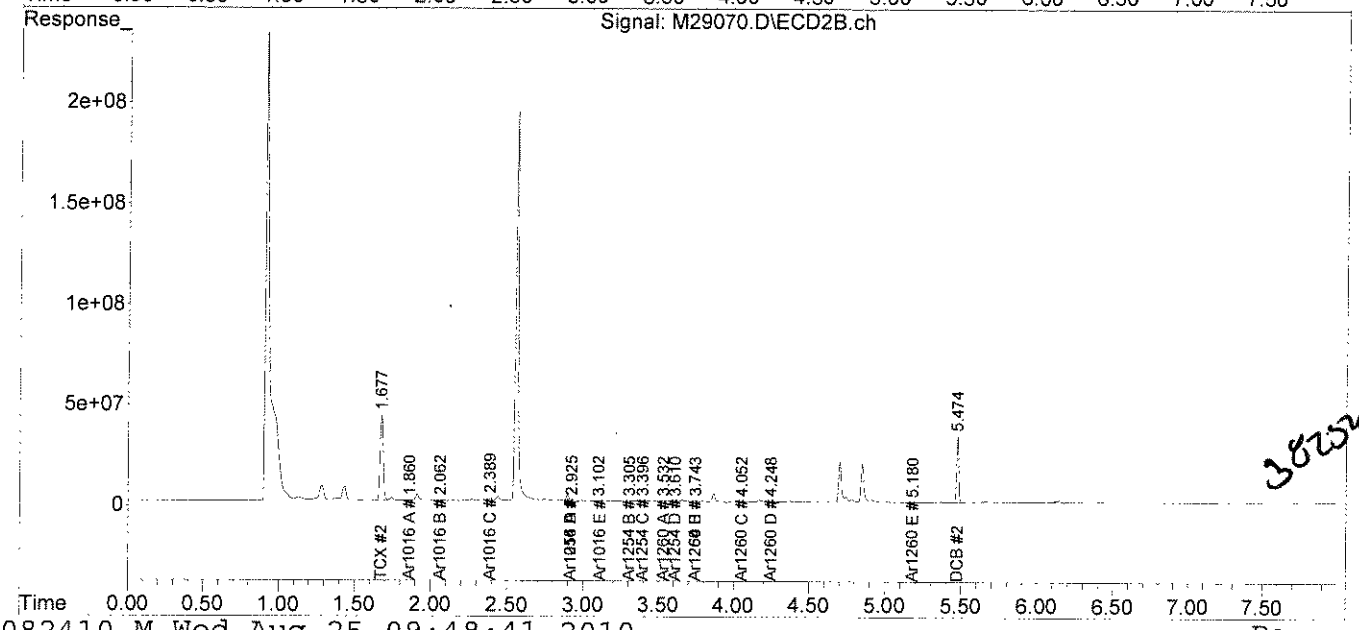
Data Path : C:\msdchem\1\DATA\082410-M\
Data File : M29070.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Aug 2010 11:50 pm
Operator : JK
Sample : 67562-6,,A/C
Misc : SOIL
ALS Vial : 44 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 25 09:48:41 2010
Quant Method : C:\msdchem\1\METHODS\PCB082410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Wed Aug 25 09:33:39 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um

JL 08-25-10





382530

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 25, 2010

SAMPLE DATA

Lab Sample ID:	67562-7
Matrix:	Solid
Percent Solid:	97
Dilution Factor:	1.0
Collection Date:	08/19/10
Lab Receipt Date:	08/20/10
Extraction Date:	08/22/10
Analysis Date:	08/25/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-342

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	89	%
Decachlorobiphenyl	58	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

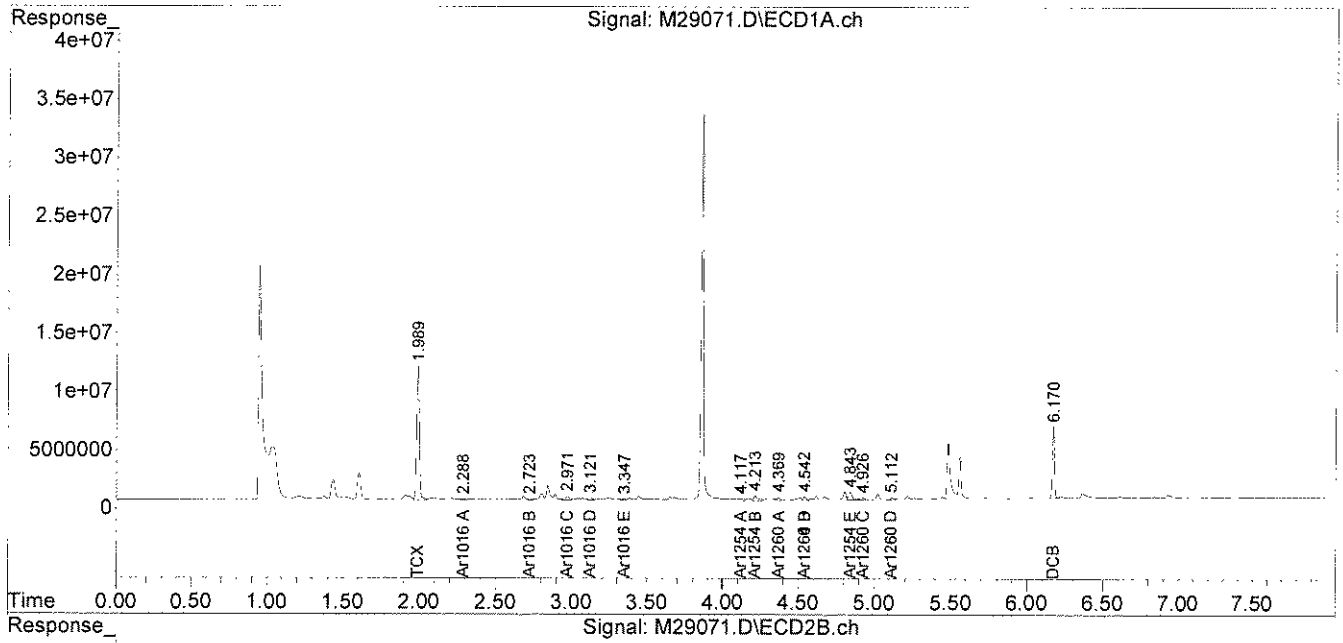
Quantitation Report (Not Reviewed)

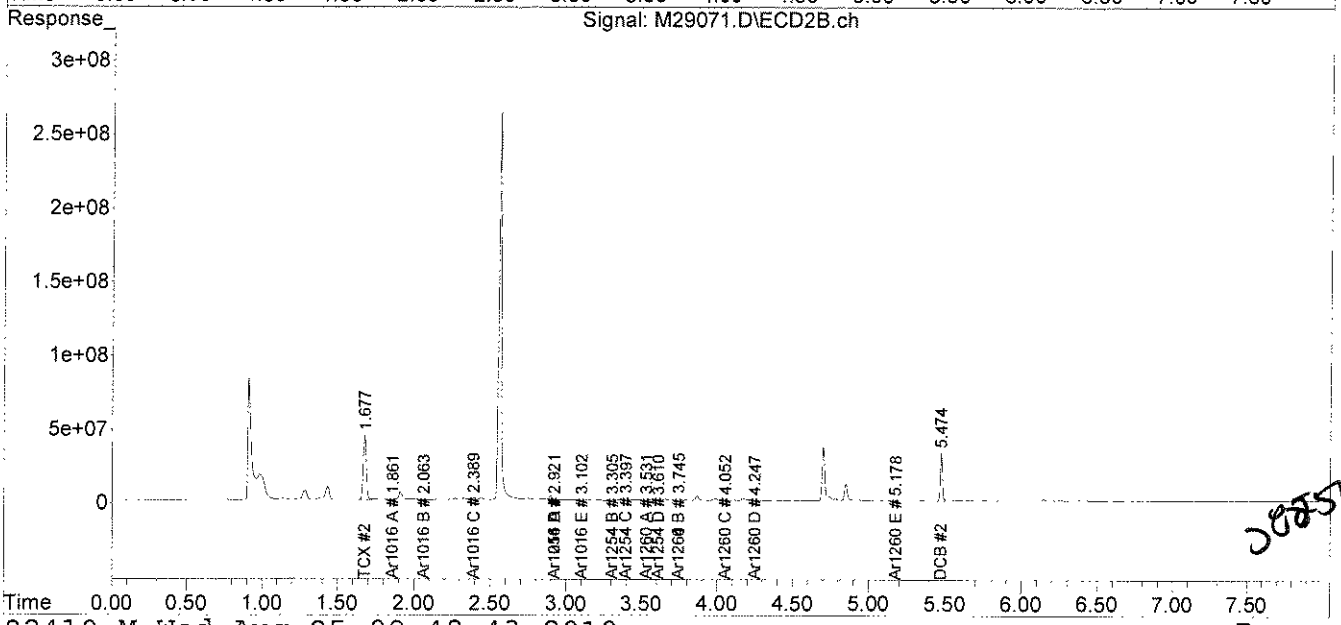
Data Path : C:\msdchem\1\DATA\082410-M\
Data File : M29071.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Aug 2010 12:01 am
Operator : JK
Sample : 67562-7,,A/C
Misc : SOIL
ALS Vial : 45 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 25 09:48:43 2010
Quant Method : C:\msdchem\1\METHODS\PCB082410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Wed Aug 25 09:33:39 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um

JL 08.25.10





JL 082510

PCB
QC FORMS

PCB AQUEOUS
SYSTEM MONITORING COMPOUNDS
SUMMARY

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67562

	Column #1				Column #2			
SAMPLE ID	SMC 1 (%)	#	SMC 2 (%)	#	SMC 1 (%)	#	SMC 2 (%)	#
B082010PW	83		56		93		61	
L082010PWB	84		54		96		62	
LD082010PWB	80		55		91		62	
67562-5	90		57		103		57	

		Lower Limit	Upper Limit
SMC #1 =	TCX	46	122
SMC #2 =	DCB	40	135

Column to be used to flag recovery values outside of QC limits
* Values outside QC limits
D System Monitoring Compound diluted out

PCB FORM 2

PCB SOIL
SYSTEM MONITORING COMPOUNDS
SUMMARY

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67562

	Column #1				Column #2			
SAMPLE ID	SMC 1 (%)	#	SMC 2 (%)	#	SMC 1 (%)	#	SMC 2 (%)	#
B082210PSOX,,A/C	97		61		82		57	
L082210PSOX,,A/C	92		61		87		57	
LD082210PSOX,,A/C	90		61		85		58	
67562-1,,A/C	104		72		89		65	
67562-2,1:5,,A/C	104		59		90		54	
67562-3,,A/C	90		58		87		51	
67562-4,,A/C	91		59		87		51	
67562-6,,A/C	90		58		86		51	
67562-7,,A/C	89		58		85		51	

		Lower Limit	Upper Limit
SMC #1 =	TCX	40	130
SMC #2 =	DCB	40	130

\# Column to be used to flag recovery values outside of QC limits
* Values outside QC limits
D System Monitoring Compound diluted out

PCB AQUEOUS
LABORATORY CONTROL SAMPLE/DUPLICATE
PERCENT RECOVERY

Instrument ID: M

GC Column #1: STX-CLPesticides I

Column ID: 0.25 mm

GC Column #2: STX-CLPesticides II

Column ID: 0.25 mm

SDG: 67562

Non-spiked sample: B082010PW

Spike: L082010PWB

Spike duplicate: LD082010PWB

COMPOUND	LCS SPIKE ADDED (ug/L)	LCSD SPIKE ADDED (ug/L)	LOWER LIMIT	UPPER LIMIT	RPD LIMIT	NON-SPIKE RESULT (ug/L)	SPIKE RESULT (ug/L)	SPIKE % REC	#	SPIKE DUP RESULT (ug/L)	SPIKE DUP % REC	#	RPD	#
PCB 1016	2.00	2.00	65	140	30	0	1.83	91		1.82	91		0.6	
PCB 1260	2.00	2.00	60	130	30	0	1.84	92		1.84	92		0.3	
PCB 1016 #2	2.00	2.00	65	140	30	0	2.33	117		2.35	118		0.9	
PCB 1260 #2	2.00	2.00	60	130	30	0	2.14	107		2.15	108		0.3	

Column to be used to flag recovery and RPD values outside of QC limits

* Values outside QC limits

LCS/LCSD spike added values have been weight adjusted.

Non-spike result of "0" used in place of "U" to allow calculation of spike recovery.

Comments: _____

_____

PCB FORM 3

PCB SOIL
LABORATORY CONTROL SAMPLE/DUPLICATE
PERCENT RECOVERY

Instrument ID: M

GC Column #1: STX-CLPesticides I

Column ID: 0.25 mm

GC Column #2: STX-CLPesticides II

Column ID: 0.25 mm

SDG: 67562

Non-spiked sample: B082210PSOX,,A/C

Spike: L082210PSOX,,A/C

Spike duplicate: LD082210PSOX,,A/C

COMPOUND	LCS SPIKE ADDED (ug/kg)	LCSD SPIKE ADDED (ug/kg)	LOWER LIMIT	UPPER LIMIT	RPD LIMIT	NON-SPIKE RESULT (ug/kg)	SPIKE RESULT (ug/kg)	SPIKE % REC	#	SPIKE DUP RESULT (ug/kg)	SPIKE DUP % REC	#	RPD	#
PCB 1016	200	200	65	140	30	0	226	113		229	114		1.3	
PCB 1260	200	200	60	130	30	0	193	97		191	95		1.2	
PCB 1016 #2	200	200	65	140	30	0	262	131		258	129		1.7	
PCB 1260 #2	200	200	60	130	30	0	200	100		195	98		2.2	

Column to be used to flag recovery and RPD values outside of QC limits

* Values outside QC limits

LCS/LCSD spike added values have been weight adjusted.

Non-spike result of "0" used in place of "U" to allow calculation of spike recovery.

Comments: _____

_____

CHAIN OF CUSTODIES

Chain Of Custody Form

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, NH 03801
Phone (603) 436-5111
Fax (603) 430-2151

For Analytics Use Only Rev. 5 06/18/08

Samples were:
1) Shipped or hand-delivered
2) Temp blank °C 7.6'
3) Received in good condition Y or N
4) pH checked by: @ 8/20/10
5) Labels checked by: JL 8.20.10

Project#: 223019 Proj. Name: AMISTAD ACADEMY
Company: Woodard & Curran
Contact: GEORGE FRANKLIN / JEFF HAMEL.
Address: 35 New England Business Center Suite 180
Andover, MA 01810
Phone: (978)557-8150 PO# Quote # WCI-3051001
Sampler (Signature): [signature]

Matrix Key:
C = Concrete
WP = Wipe
WW = Wastewater
SW = Surface Water
GW = Groundwater
DW = Drinking Water
S = Soil/Sludge
O = Oil
E = Extract
D = LAB DI H2O

Container Key
P=plastic G=glass

Preservation

Station Identification	Sample Date	Sample Time	Analysis	Unpres	4° C	HNO_3	H_2SO_4	HCL	Methanol	Other	Matrix	Container number/type		pH	Analytics Sample #
AA-VCC-336	8/19/10	0855	PCB's by U.S.		✓						C	1	G		67562-1
AA-VCC-337		1225	EPA 8082 w/		✓						C	1	G		2
AA-VSS-338		1230	Soxhlet		✓						S	1	G		3
AA-VSS-539		1235	Extraction		✓						S	1	G		4
AA-VSS-Q-340		1240			✓						D	1	G	5.5	5
AA-VSS-341		1245			✓						S	1	G		6
AA-VSS-342		1250			✓						S	1	G		7

@ 8/20/10

Email Results to: jfranklin, jhamel, jream

Turnaround Time (TAT)
- [ ] 24hr*
- [x] 48hr*
- [ ] 72hr*
- [ ] 5 Days*
- [ ] 10 Days

*Fee may apply; lab approval required

Comments / Instructions:

R.L. ≤1.0 mg/kg.

@ 082010 SAMPLE FOR ~~SOXHLET~~ PCB AQ @ 8/20/10 WAS (-) FOR CL WHEN MEASURED WHEN KL PAPER

Project Requirements:
*Fee may apply

Report Type:
- [ ] MCP*
- [x] Level II*
- [ ] CTRCP*
- [ ] Level III*
- [ ] DOD*
- [ ] Level IV*
- [ ] Standard

State:
- [ ] NH
- [ ] MA
- [ ] ME
- [x] CT
- [ ] RI
- Other:

State Standard:
(eg. S-1 or GW-1)

EDD Required: Y* N
Type: - XLS

Received By: FEDEX Time: Date: 8/19/10 Relinquished By Sampler: [signature]
Received By: [signature] Time: 0930 Date: 08/20/10 Relinquished By: FEDEX
Received By: Time: Date: @ 082010 Relinquished By:

Analytics\AEL Documents\AEL COC

Page 1 of 1

ANALYTICS SAMPLE RECEIPT CHECKLIST

analytics environmental laboratory LLC

AEL LAB#: 67562 COOLER NUMBER: 35

CLIENT: WOODARD & CURRAN NUMBER OF COOLERS: 1

PROJECT: AMISTAD ACADEMY DATE RECEIVED: 08/20/10

A: PRELIMINARY EXAMINATION: DATE COOLER OPENED: 08/20/10

1. Cooler received by(initials): @ Date Received: 08/20/10

2. Circle one: Hand delivered (If so, skip 3) (Shipped)

3. Did cooler come with a shipping slip? (Y) N

3a. Enter carrier name and airbill number here: FEDEX 7938 3825 6515

4. Were custody seals on the outside of cooler? Y (N)
How many & where: N/A Seal Date: N/A Seal Name: N/A

5. Did the custody seals arrive unbroken and intact upon arrival? Y (N/A)

6. COC#: N/A

7. Were Custody papers filled out properly (ink,signed, etc)? Y (N) @ 08/20/10 CUSTODY PAPERS DID NOT HAVE A RELINQUISHED TIME

8. Were custody papers sealed in a plastic bag? (Y) N

9. Did you sign the COC in the appropriate place? (Y) N

10. Was the project identifiable from the COC papers? (Y) N

11. Was enough ice used to chill the cooler? Y (N) Temp. of cooler: 7.6°

B. Log-In: Date samples were logged in: 08/20/10 By: @

12. Type of packing in cooler (bubble wrap, popcorn) (Y) N

13. Were all bottles sealed in separate plastic bags? (Y) N

14. Did all bottles arrive unbroken and were labels in good condition? (Y) N

15. Were all bottle labels complete(ID,Date,time,etc.) (Y) N

16. Did all bottle labels agree with custody papers? (Y) N

17. Were the correct containers used for the tests indicated: (Y) N

18. Were samples received at the correct pH? (Y) 5.5 N

19. Was sufficient amount of sample sent for the tests indicated? (Y) N

20. Were bubbles absent in VOA samples? Y (N/A)

If NO, List Sample ID's and Lab #s: _____

21. Laboratory labeling verified by (initials): JW Date: 8.20.10

Analytics Environmental Laboratory LLC

SAMPLE RECEIPT
NON-COMPLIANCE NOTIFICATION
(SENT VIA FACSIMILE)

DATE 08/20/10 **FROM** INGER

FAX CONTACT GEORGE FRANKLIN **FAX NUMBER** 978.557.7948

CLIENT WOODARD & CURRAN **LAB NUMBER** 67562

The exceptions noted below were found on the sample(s) received on the attached Chain of Custody (COC) form. These exceptions may render the data results as non-defensible. Analytics will continue to proceed with the analysis of the sample(s) unless notified in writing to stop the analysis. This document may become part of the final report.

Please check the appropriate box and sign below and fax back to "Sample Receipt" at 603-430-2151.

Exceptions:

- [x] Sample(s) not on ice or not at 4°C ± 2°C
- [ ] Sample(s) received unpreserved or not at the proper pH. (pH was adjusted at the laboratory)
- [ ] Sample(s) received in incorrect containers
- [ ] Insufficient sample volume received (Detection limits may be elevated due to this exception)
- [ ] Trip Blank provided in cooler, but not recorded on the chain of custody
- [ ] Other: _____

Acknowledgment:

- [ ] **Please do not analyze/report Trip Blank, proceed with other analyses**
- [x] **Proceed with the analysis.**
- [ ] **Please stop the analysis and wait for further instructions.**

Signed: [signature] **Print Name:** GEORGE J FRANKLIN

Date: 8/24/10

From: Origin ID: BNHA (203) 271-0379
Jesse Ream
WOODARD & CURRAN INC
1520 HIGHLAND AVENUE

CHESHIRE, CT 06410

FedEx Express

J1829190889225

Ship Date: 19AUG10
ActWgt: 30.0 LB
CAD: 2185050/INET3060

Delivery Address Bar Code

Ref # 223019.00
Invoice #
PO #
Dept #

SHIP TO: (603) 436-5111 BILL SENDER

Analytics Enviro Labs, LLC
Analytics Enviro Labs, LLC
195 COMMERCE WAY UNIT E

PORTSMOUTH, NH 03801

TRK# 0201 7938 3825 6515

FRI - 20 AUG A2
PRIORITY OVERNIGHT

03801
NH-US
MHT

03 IGGA

RT 328 1 C
6515
08.20
FZ

508G4033D8/9A24

After printing this label:
1. Use the 'Print' button on this page to print your label to your laser or inkjet printer.
2. Fold the printed page along the horizontal line.
3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

Warning: Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com.FedEx will not be responsible for any claim in excess of $100 per package, whether the result of loss, damage, delay, non-delivery,misdelivery,or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim.Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic valueof the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental,consequential, or special is limited to the greater of $100 or the authorized declared value. Recovery cannot exceed actual documented loss.Maximum for items of extraordinary value is $500, e.g. jewelry, precious metals, negotiable instruments and other items listed in our ServiceGuide. Written claims must be filed within strict time limits, see current FedEx Service Guide.

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

August 25, 2010

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

RE: Analytical Results Case Narrative
Analytics # 67565
AMISTAD ACADEMY

Dear Mr. Franklin;

Enclosed please find the analytical results for samples submitted for the above-mentioned project. The attached Cover Page lists the sample IDs, Lab tracking numbers and collection dates for the samples included in this deliverable.

Samples were analyzed Polychlorinated Biphenyls (PCBs) by EPA Method 8082.

Unless otherwise noted in the Non-conformance Summary listed below, all of the quality control (QC) criteria including initial calibration, calibration verification, surrogate recovery, holding time and method accuracy/precision for these analyses were within acceptable limits.

This Level II data package has been assembled in the following order:

Case Narrative/Non-Conformance Summary
Sample Log Sheet - Cover Page
PCB Form 1 Data Sheet for Samples and Blanks
Chromatograms
PCB Form 10 Confirmation Results
PCB Form 3 MS/MSD (LCS) Recoveries
Chain of Custody (COC) Forms

QC NON-CONFORMANCE SUMMARY

Sample Receipt:
No exceptions.

PCBs by EPA Method 8082:
No results were reported below the quantitation limit.

The MS/MSD analyzed on sample 67565-1 had high recoveries for PCB 1260 on column#1 and PCB 1016 on column#2. The laboratory control samples (L082210PSOX/LD082210PSOX) were in control for all analytes. Results were reported without qualification.

If you have any questions on these results, please do not hesitate to contact me.

Sincerely,
ANALYTICS Environmental Laboratory, LLC

Stephen L. Knollmeyer
Laboratory Director

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

Report Number: 67565

Revision: Rev. 0

Re: Amistad Academy (Project No: 223019)

Enclosed are the results of the analyses on your sample(s). Samples were received on 21 August 2010 and analyzed for the tests listed. Samples were received in acceptable condition, with the exceptions noted below or on the chain of custody. These results pertain to samples as received by the laboratory and for the analytical tests requested on the chain of custody. The results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report. Please see individual reports for specific methodologies and references.

Lab Number	Sample Date	Station Location	Analysis	Comments
67565-1	08/20/10	AA-VSS-343	EPA 8082 (PCBs only)	
67565-2	08/20/10	AA-VSS-344	EPA 8082 (PCBs only)	
67565-3	08/20/10	AA-VSS-345	EPA 8082 (PCBs only)	
67565-4	08/20/10	AA-VSS-346	EPA 8082 (PCBs only)	
67565-5	08/20/10	AA-VBS-347	EPA 8082 (PCBs only)	
67565-6	08/20/10	AA-VBS-348	Electronic Data Deliverable	
	08/20/10	AA-VBS-348	EPA 8082 (PCBs only)	

Sample Receipt Exceptions: None

Analytics Environmental Laboratory is certified by the states of New Hampshire, Maine, Massachusetts, Connecticut, Rhode Island, Virginia, Maryland, and is accredited by the Deparment of Defense (DOD) ELAP program. A list of actual certified parameters is available upon request.

If you have any questions on these results, please do not hesitate to contact us.

Authorized signature _____
Stephen L. Knollmeyer Lab. Director

Date 8/25/2010

This report shall not be reproduced, except in full, without the written consent of Analytics Environmental Laboratory, LLC.

analytics environmental laboratory LLC

Surrogate Compound Limits

Matrix:	Aqueous	Solid	
Units:	% Recovery	% Recovery	Method
Volatile Organic Compounds - Drinking Water			
1,4-Difluorobenzene	70-130		EPA 524.2
Bromofluorobenzene	70-130		
1,2-Dichlorobenzene-d4	70-130		
Volatile Organic Compounds			
1,2-Dichloroethane-d4	70-120	70-120	EPA 624/8260B
Toluene-d8	85-120	85-120	
Bromofluorobenzene	75-120	75-120	
Semi-Volatile Organic Compounds			
2-Fluorophenol	20-110	35-105	EPA 625/8270C
d5-Phenol	15-110	40-100	
d5-nitrobenzene	40-110	35-100	
2-Fluorobiphenyl	50-110	45-105	
2,4,6-Tribromophenol	40-110	40-125	
d14-p-terphenyl	50-130	30-125	
PAH's by SIM			
d5-nitrobenzene	21-110	35-110	EPA 8270C
2-Fluorobiphenyl	36-121	45-105	
d14-p-terphenyl	33-141	30-125	
Pesticides and PCBs			
2,4,5,6-Tetrachloro-m-xylene (TCX)	46-122	40-130	EPA 608/8082
Decachlorobiphenyl (DCB)	40-135	40-130	
Herbicides			
Dichloroacetic acid (DCAA)	30-150	30-150	
Gasoline Range Organics/TPH Gasoline			
Trifluorotoluene TFT (FID)	60-140	60-140	MEDEP 4217/EPA 8015
Bromofluorobenzene (BFB) (FID)	60-140	60-140	
Trifluorotoluene TFT (PID)	60-140	60-140	
Bromofluorobenzene (BFB) (PID)	60-140	60-140	
Diesel Range Organics/TPH Diesel			
m-terphenyl	60-140	60-140	MEDEP 4125/EPA 8015/CT ETPH
Volatile Petroleum Hydrocarbons			
2,5-Dibromotoluene (PID)	70-130	70-130	MADEP VPH May 2004 Rev1.1
2,5-Dibromotoluene (FID)	70-130	70-130	
Extracatable Petroleum Hydrocarbons			
1-chloro-octadecane (aliphatic)	40-140	40-140	MADEP EPH May 2004 Rev1.1
o-Terphenyl (aromatic)	40-140	40-140	
2-Fluorobiphenyl (Fractionation)	40-140	40-140	
2-Bromonaphthalene (fractionation)	40-140	40-140	

PCB
DATA SUMMARIES

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 25, 2010

SAMPLE DATA

CLIENT SAMPLE ID

Project Name: Amistad Academy

Project Number: 223019

Field Sample ID: Lab QC

Lab Sample ID: B082210PSOX
Matrix: Soil
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date:
Lab Receipt Date:
Extraction Date: 08/22/10
Analysis Date: 08/24/10

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	97	%
Decachlorobiphenyl	61	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

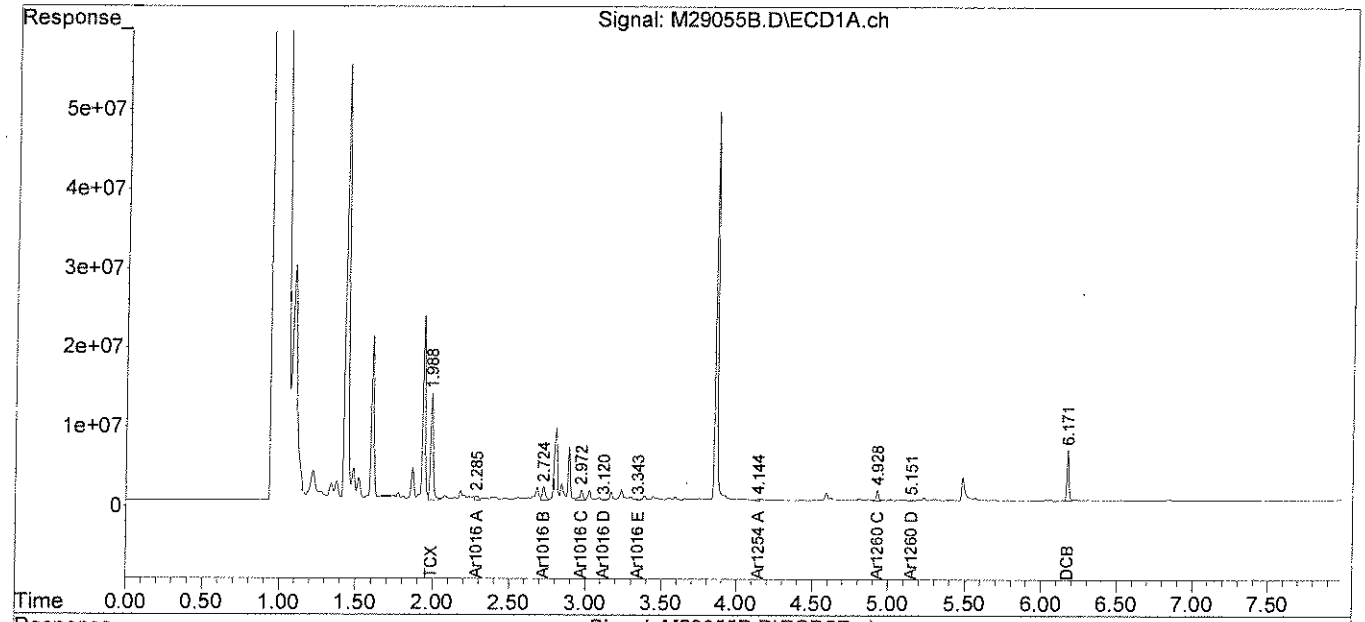
PCB Report

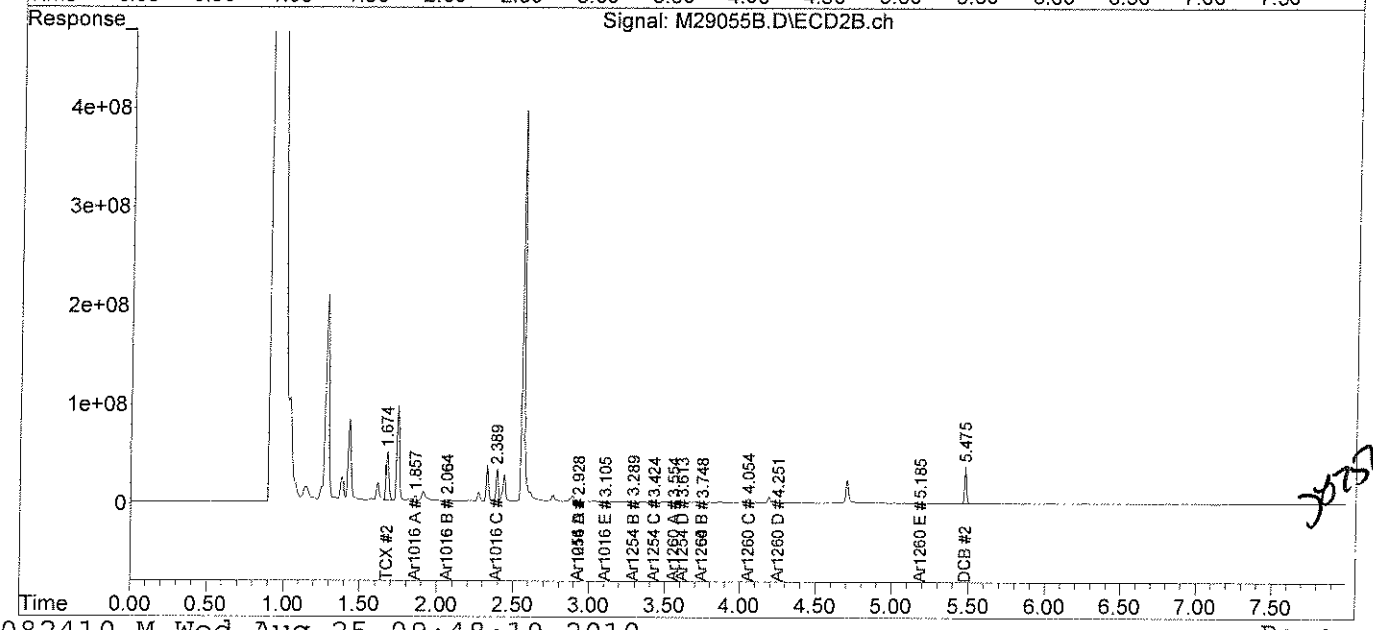
Authorized signature

Data Path : C:\msdchem\1\DATA\082410-M\
Data File : M29055B.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Aug 2010 9:17 pm
Operator : JK
Sample : B082210PSOX,,A/C
Misc : SOIL
ALS Vial : 29 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 25 09:48:10 2010
Quant Method : C:\msdchem\1\METHODS\PCB082410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Wed Aug 25 09:33:39 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 25, 2010

SAMPLE DATA

Lab Sample ID:	67565-1
Matrix:	Solid
Percent Solid:	90
Dilution Factor:	1.1
Collection Date:	08/20/10
Lab Receipt Date:	08/21/10
Extraction Date:	08/22/10
Analysis Date:	08/24/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-343

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	36	U
PCB-1221	36	U
PCB-1232	36	U
PCB-1242	36	U
PCB-1248	36	U
PCB-1254	36	**301**
PCB-1260	36	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	89	%
Decachlorobiphenyl	53	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67565
Sample: 67565-1,,A/C
Data File: M29058.D
Dilution Factor: 1.1

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	301	243	21.3	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

PCB FORM 10

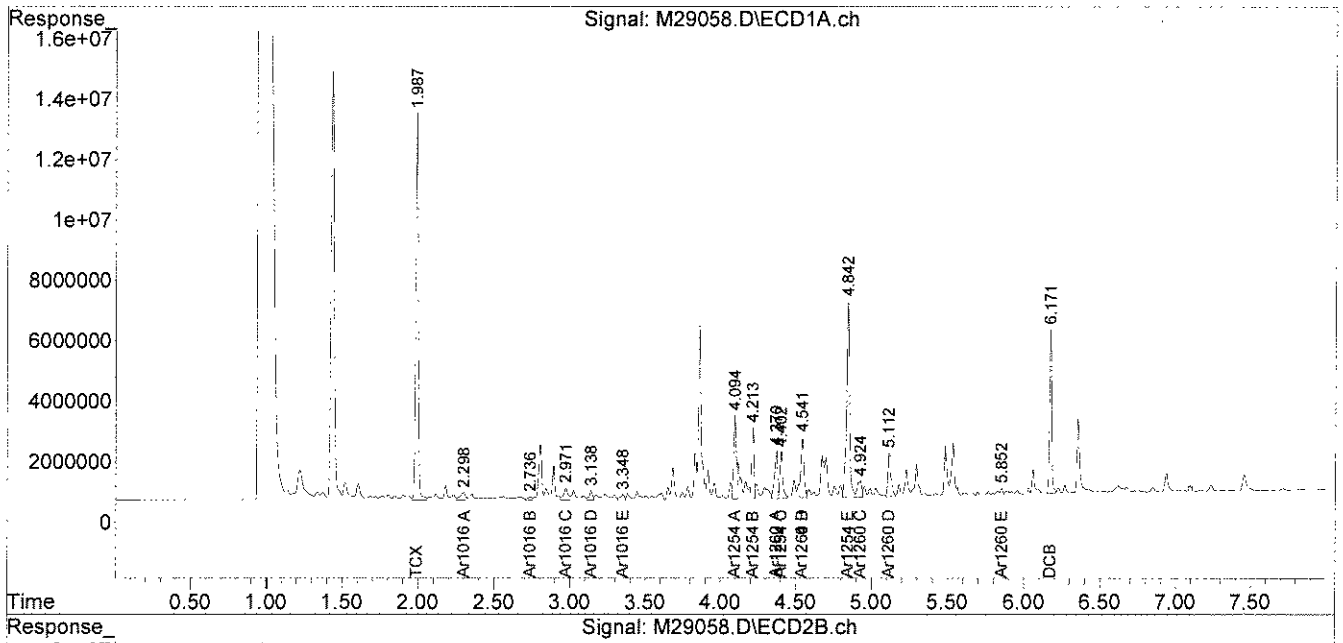
Quantitation Report (QT Reviewed)

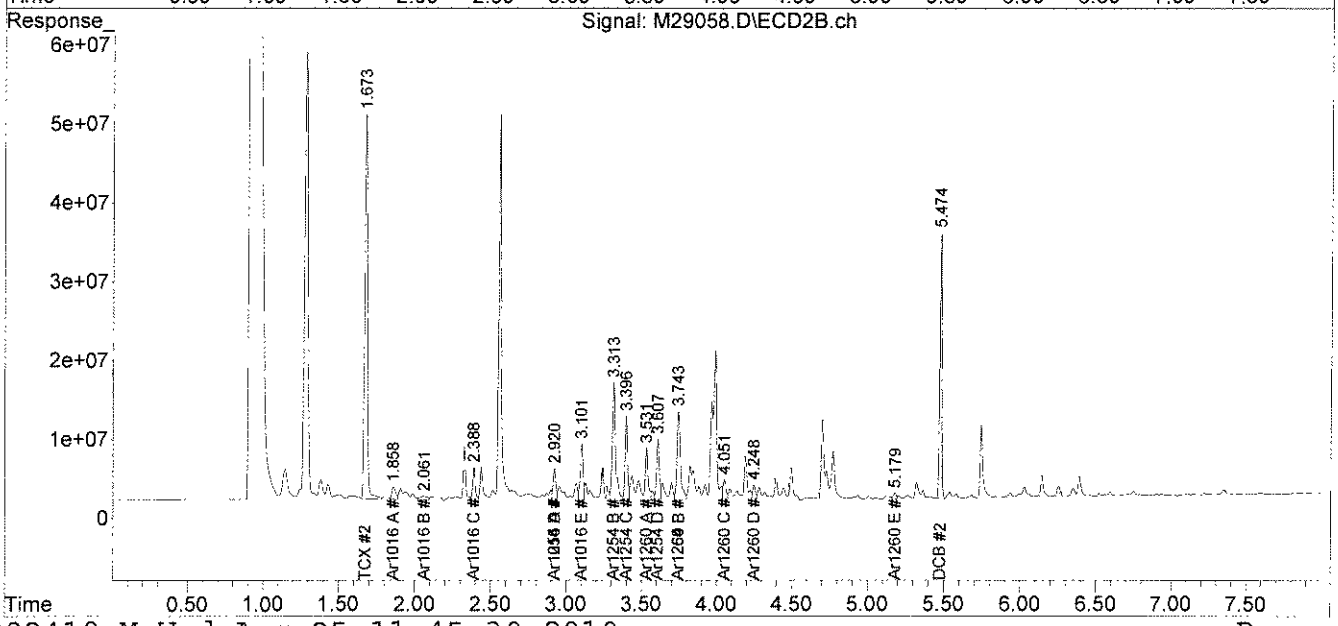
Data Path : C:\msdchem\1\DATA\082410-M\
Data File : M29058.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Aug 2010 9:47 pm
Operator : JK
Sample : 67565-1,,A/C
Misc : SOIL
ALS Vial : 32 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 25 11:45:23 2010
Quant Method : C:\msdchem\1\METHODS\PCB082410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Wed Aug 25 09:33:39 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um

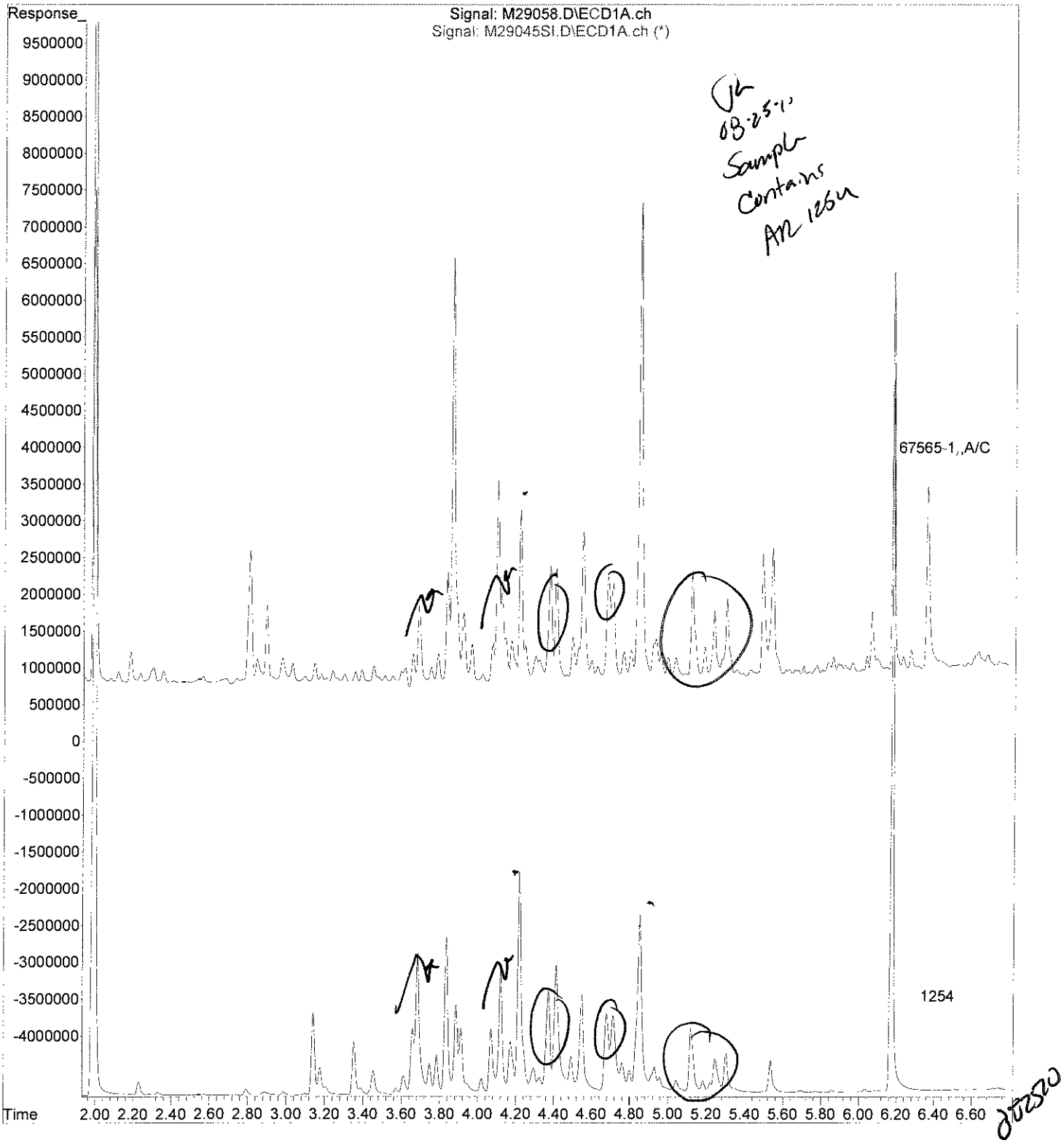
JL 08/26/10





JL 08/26/10

File :C:\msdchem\1\DATA\082410-M\M29058.D
Operator : JK
Acquired : 24 Aug 2010 9:47 pm using AcqMethod PEST.M
Instrument : Instrument M
Sample Name: 67565-1,,A/C
Misc Info : SOIL
Vial Number: 32



analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 25, 2010

SAMPLE DATA

Lab Sample ID:	67565-2
Matrix:	Solid
Percent Solid:	95
Dilution Factor:	1.0
Collection Date:	08/20/10
Lab Receipt Date:	08/21/10
Extraction Date:	08/22/10
Analysis Date:	08/24/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-344

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	98	%
Decachlorobiphenyl	68	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB Report

Authorized signature

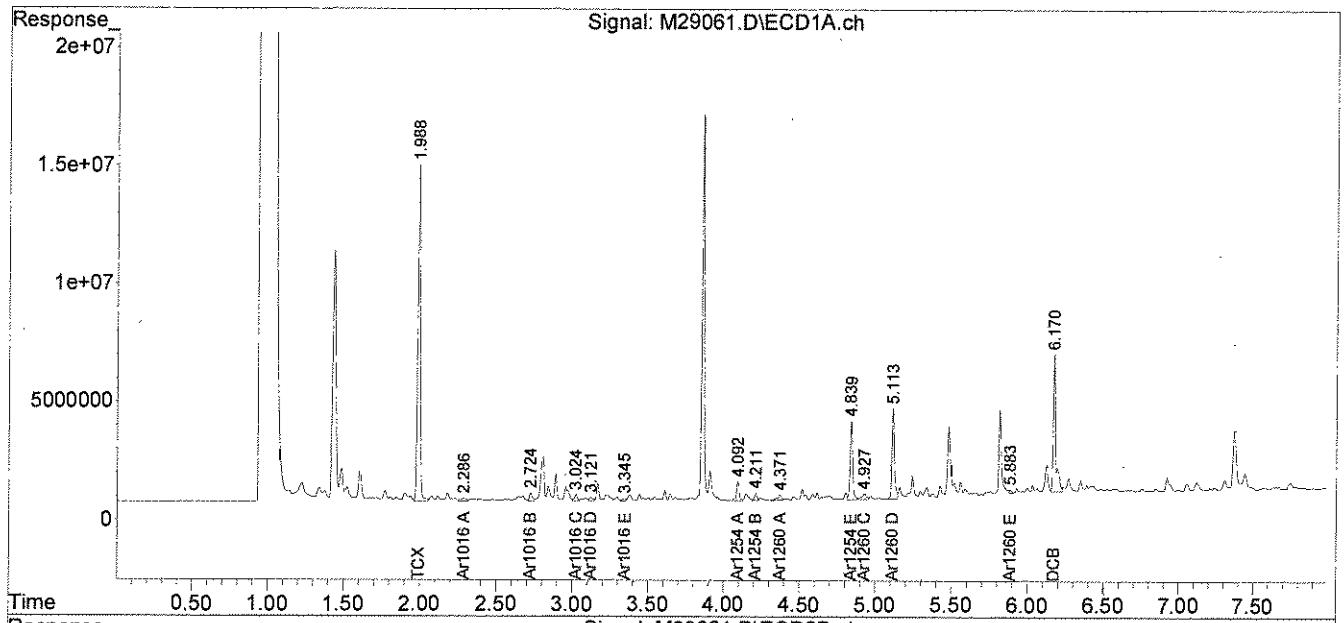
Quantitation Report (Not Reviewed)

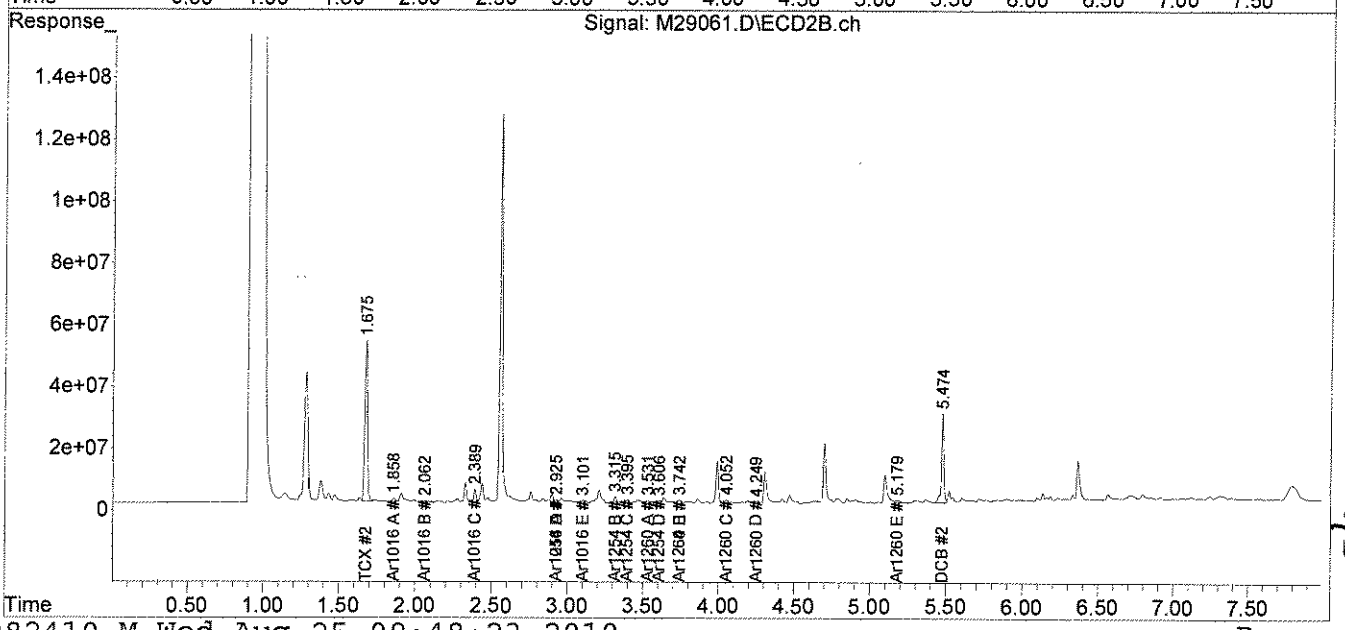
Data Path : C:\msdchem\1\DATA\082410-M\
Data File : M29061.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Aug 2010 10:18 pm
Operator : JK
Sample : 67565-2,,A/C
Misc : SOIL
ALS Vial : 35 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 25 09:48:23 2010
Quant Method : C:\msdchem\1\METHODS\PCB082410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Wed Aug 25 09:33:39 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um

JL 08.05.10





JL 7580

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 25, 2010

SAMPLE DATA

CLIENT SAMPLE ID

Project Name: Amistad Academy

Project Number: 223019

Field Sample ID: AA-VSS-345

Lab Sample ID: 67565-3
Matrix: Solid
Percent Solid: 95
Dilution Factor: 1.0
Collection Date: 08/20/10
Lab Receipt Date: 08/21/10
Extraction Date: 08/22/10
Analysis Date: 08/24/10

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	91	%
Decachlorobiphenyl	59	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

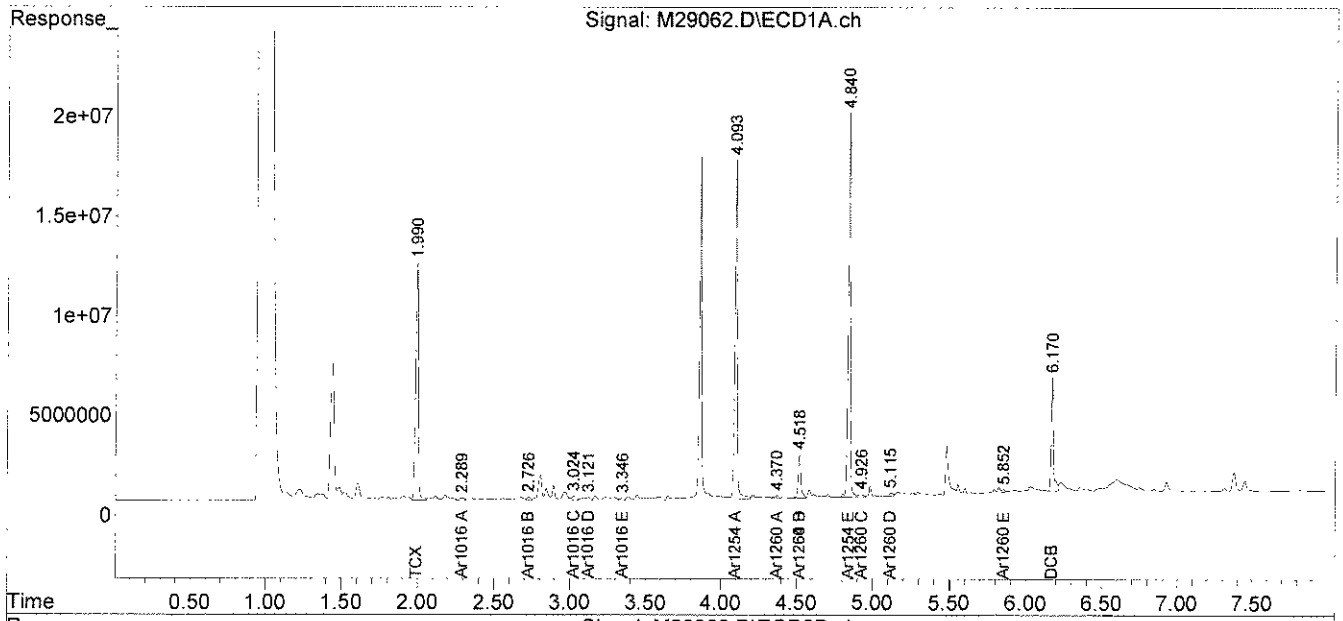
Quantitation Report (Not Reviewed)

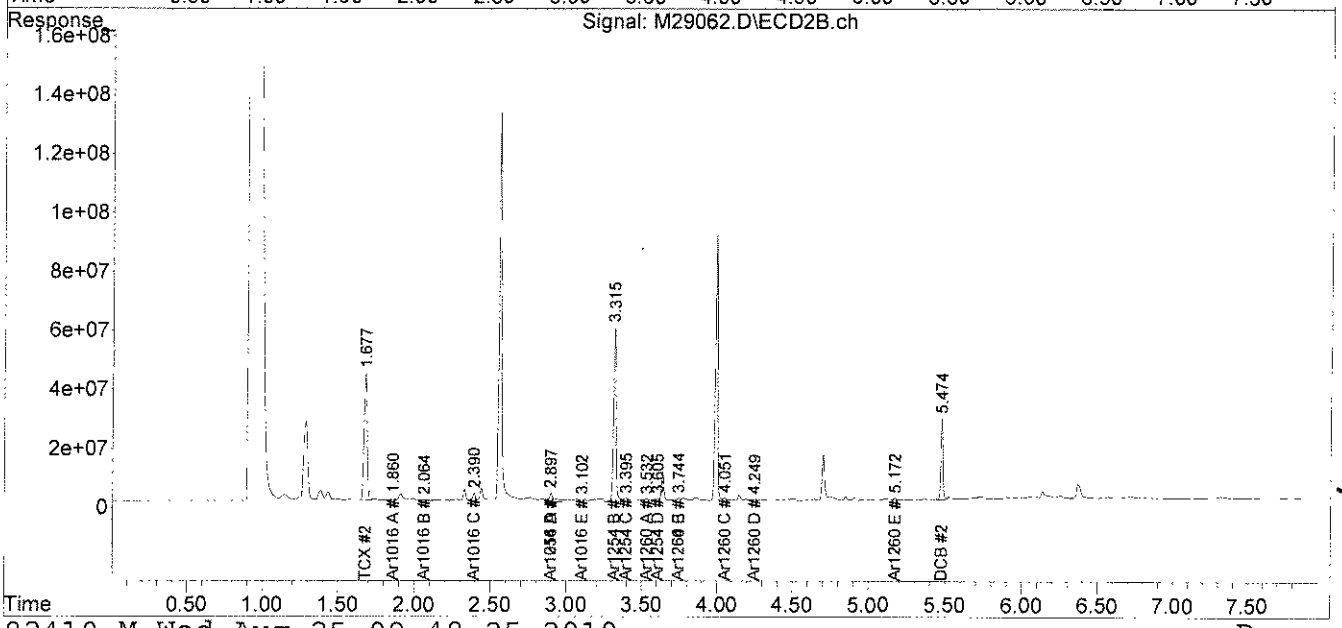
Data Path : C:\msdchem\1\DATA\082410-M\
Data File : M29062.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Aug 2010 10:28 pm
Operator : JK
Sample : 67565-3,,A/C
Misc : SOIL
ALS Vial : 36 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 25 09:48:25 2010
Quant Method : C:\msdchem\1\METHODS\PCB082410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Wed Aug 25 09:33:39 2010
Response via : Initial Calibration
Integrator: ChemStation

JK 082510

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





JK 082510

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 25, 2010

SAMPLE DATA

Lab Sample ID:	67565-4
Matrix:	Solid
Percent Solid:	95
Dilution Factor:	1.0
Collection Date:	08/20/10
Lab Receipt Date:	08/21/10
Extraction Date:	08/22/10
Analysis Date:	08/24/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-346

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	96	%
Decachlorobiphenyl	60	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

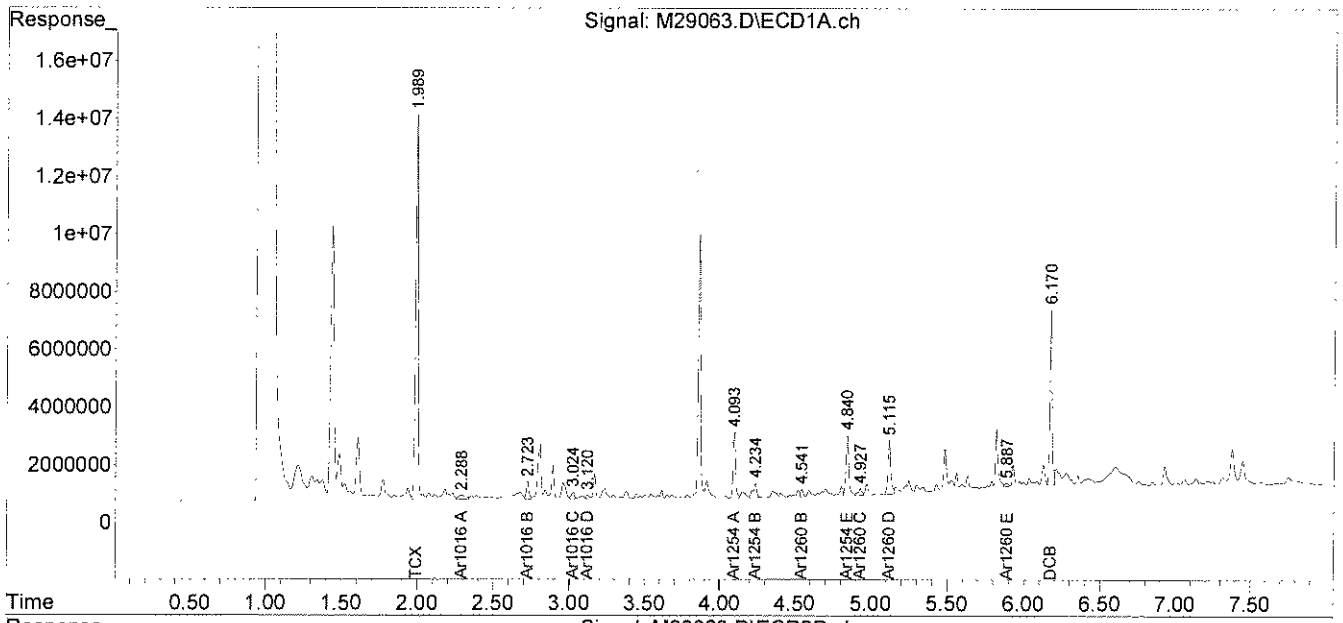
Quantitation Report (Not Reviewed)

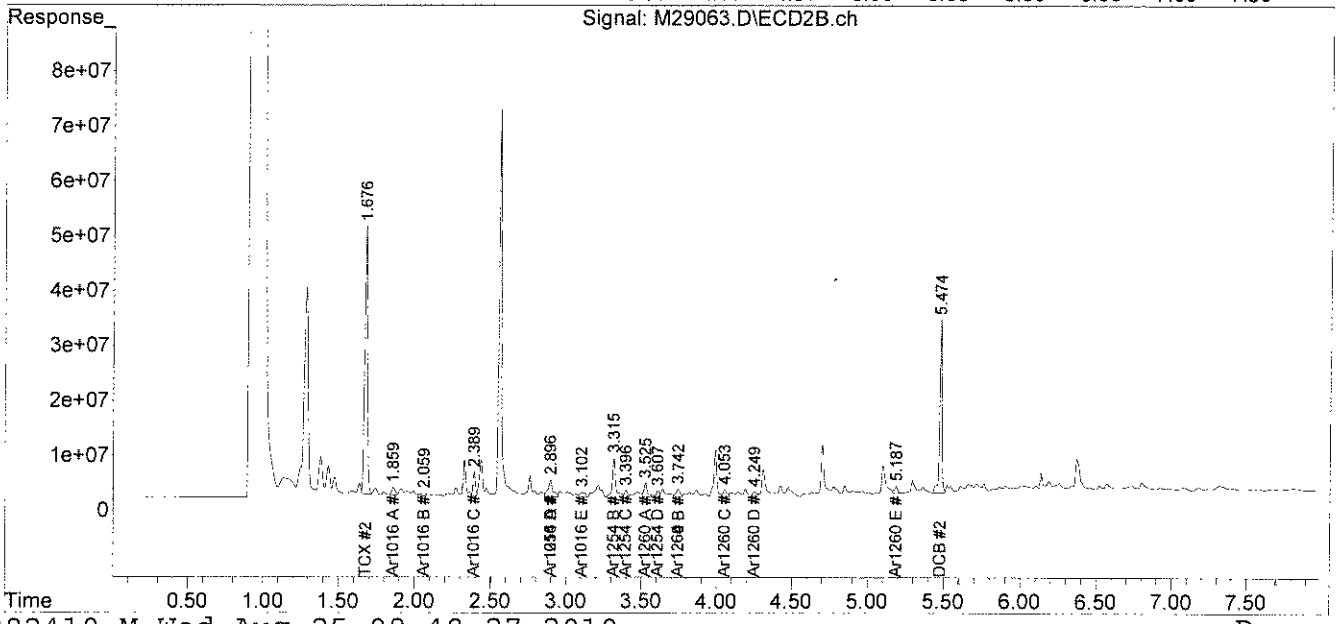
Data Path : C:\msdchem\1\DATA\082410-M\
Data File : M29063.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Aug 2010 10:39 pm
Operator : JK
Sample : 67565-4,,A/C
Misc : SOIL
ALS Vial : 37 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 25 09:48:27 2010
Quant Method : C:\msdchem\1\METHODS\PCB082410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Wed Aug 25 09:33:39 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um

JL 08-25-10





JL 08-25-10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 25, 2010

SAMPLE DATA

Lab Sample ID:	67565-5
Matrix:	Solid
Percent Solid:	95
Dilution Factor:	1.0
Collection Date:	08/20/10
Lab Receipt Date:	08/21/10
Extraction Date:	08/22/10
Analysis Date:	08/24/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VBS-347

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	104	%
Decachlorobiphenyl	63	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

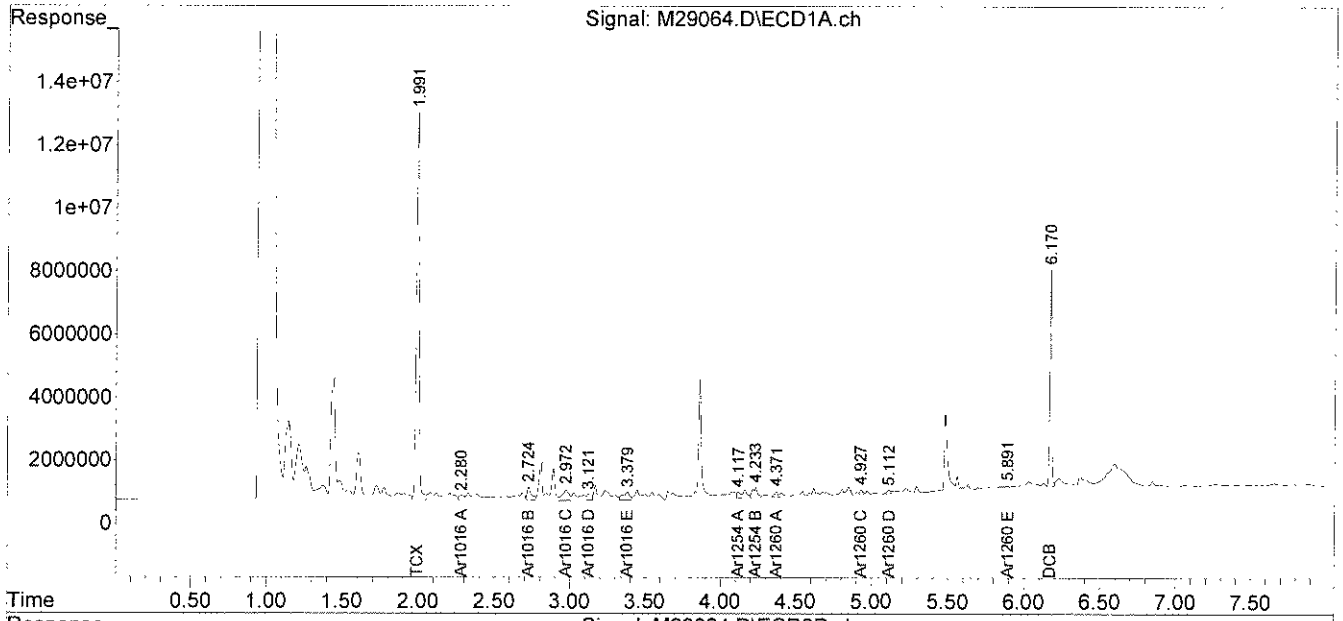
Quantitation Report (Not Reviewed)

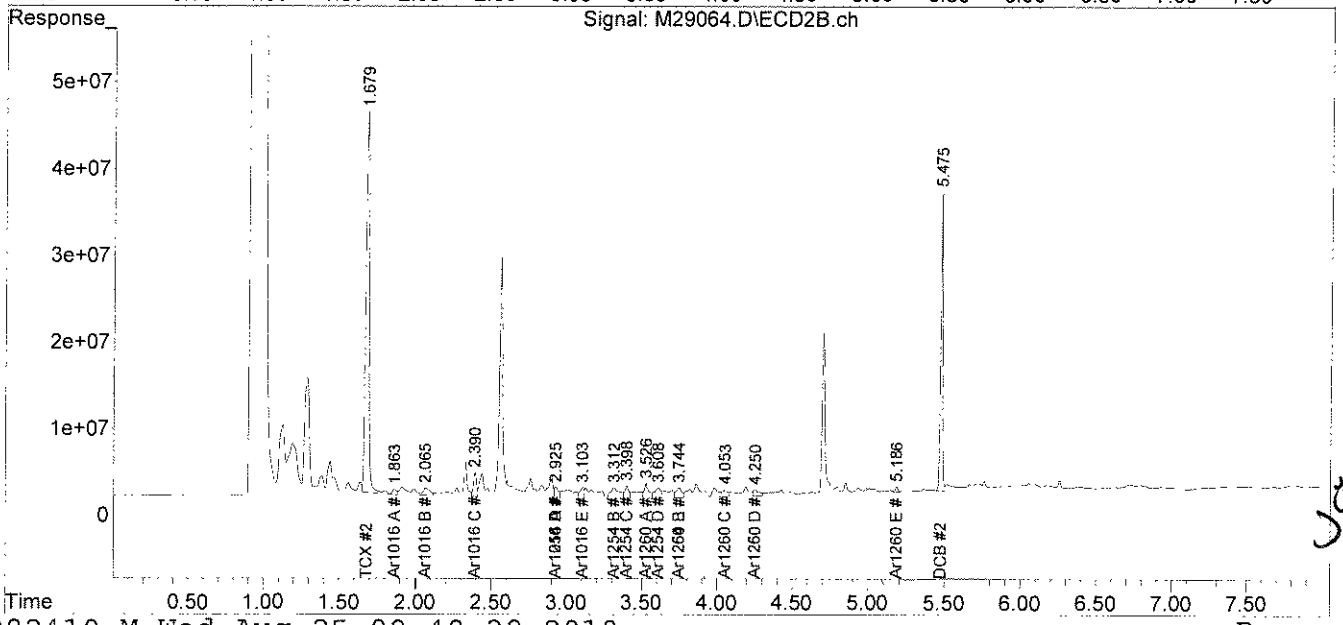
Data Path : C:\msdchem\1\DATA\082410-M\
Data File : M29064.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Aug 2010 10:49 pm
Operator : JK
Sample : 67565-5,,A/C
Misc : SOIL
ALS Vial : 38 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 25 09:48:29 2010
Quant Method : C:\msdchem\1\METHODS\PCB082410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Wed Aug 25 09:33:39 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um

JL 08.25.10





JL 08.25.10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 25, 2010

SAMPLE DATA

Lab Sample ID:	67565-6
Matrix:	Solid
Percent Solid:	100
Dilution Factor:	1.0
Collection Date:	08/20/10
Lab Receipt Date:	08/21/10
Extraction Date:	08/22/10
Analysis Date:	08/24/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VBS-348

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	97	%
Decachlorobiphenyl	63	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

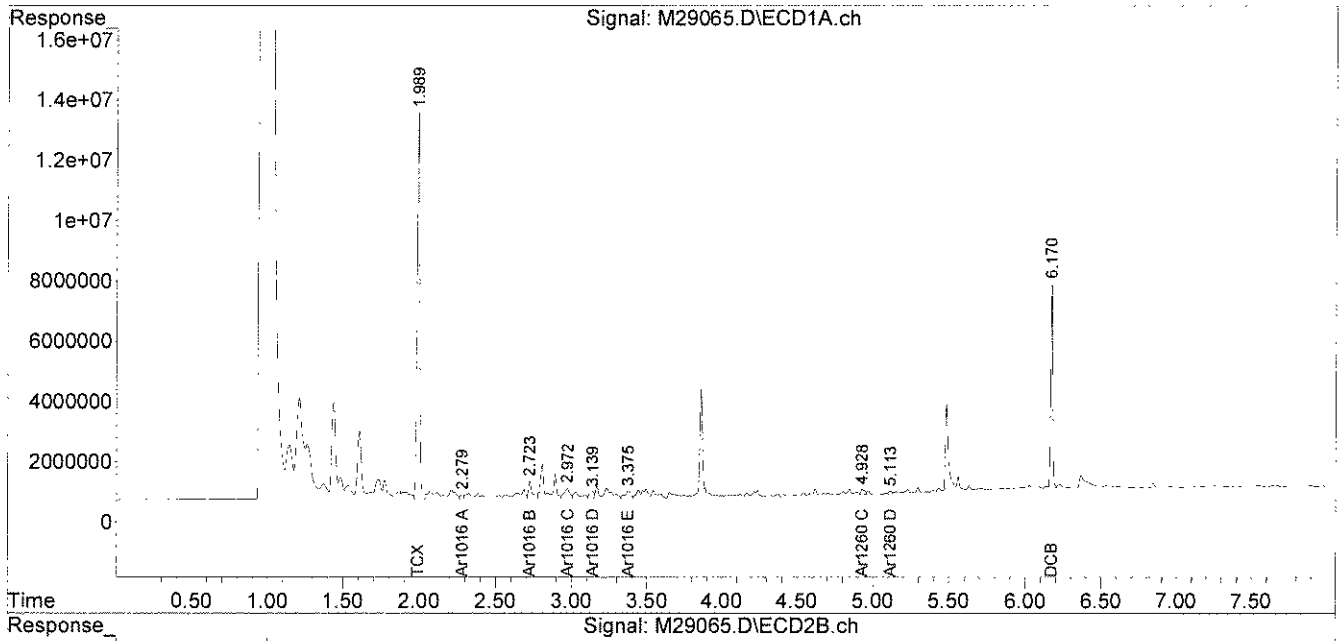
Quantitation Report (Not Reviewed)

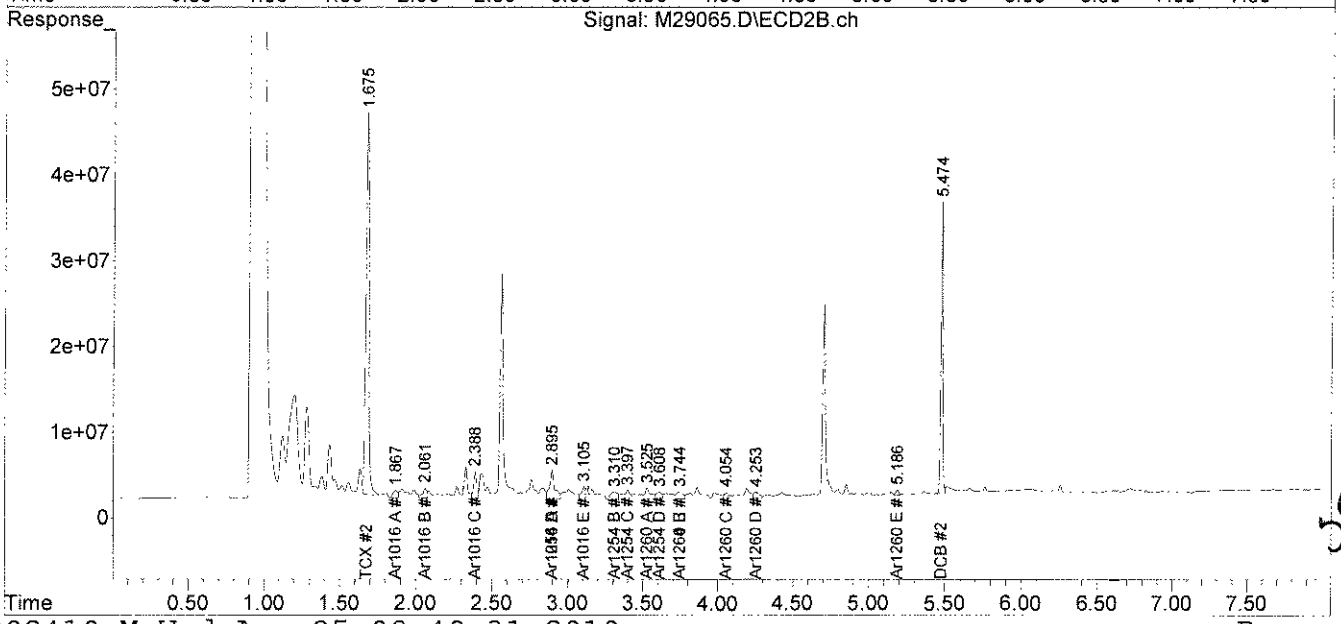
Data Path : C:\msdchem\1\DATA\082410-M\
Data File : M29065.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Aug 2010 10:59 pm
Operator : JK
Sample : 67565-6,,A/C
Misc : SOIL
ALS Vial : 39 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 25 09:48:31 2010
Quant Method : C:\msdchem\1\METHODS\PCB082410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Wed Aug 25 09:33:39 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um

JL 08-25-10





58250

PCB
QC FORMS

AnalyticsLLC:AEL Documents LLC:Pkg Dividers:PCBQC.doc

PCB SOIL
SYSTEM MONITORING COMPOUNDS
SUMMARY

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67565

	Column #1				Column #2			
SAMPLE ID	SMC 1 (%)	#	SMC 2 (%)	#	SMC 1 (%)	#	SMC 2 (%)	#
B082210PSOX,,A/C	97		61		82		57	
L082210PSOX,,A/C	92		61		87		57	
LD082210PSOX,,A/C	90		61		85		58	
67565-1,,A/C	89		53		87		50	
67565-1,MS,,A/C	89		56		85		48	
67565-1,MSD,,A/C	90		53		87		48	
67565-2,,A/C	98		68		89		51	
67565-3,,A/C	91		59		84		42	
67565-4,,A/C	96		60		89		53	
67565-5,,A/C	104		63		97		52	
67565-6,,A/C	97		63		89		52	

		Lower Limit	Upper Limit
SMC #1 =	TCX	40	130
SMC #2 =	DCB	40	130

\# Column to be used to flag recovery values outside of QC limits
* Values outside QC limits
D System Monitoring Compound diluted out

PCB FORM 2

PCB SOIL
LABORATORY CONTROL SAMPLE/DUPLICATE
PERCENT RECOVERY

Instrument ID: M

GC Column #1: STX-CLPesticides I

Column ID: 0.25 mm

GC Column #2: STX-CLPesticides II

Column ID: 0.25 mm

SDG: 67565

Non-spiked sample: B082210PSOX,,A/C

Spike: L082210PSOX,,A/C

Spike duplicate: LD082210PSOX,,A/C

COMPOUND	LCS SPIKE ADDED (ug/kg)	LCSD SPIKE ADDED (ug/kg)	LOWER LIMIT	UPPER LIMIT	RPD LIMIT	NON-SPIKE RESULT (ug/kg)	SPIKE RESULT (ug/kg)	SPIKE % REC	#	SPIKE DUP RESULT (ug/kg)	SPIKE DUP % REC	#	RPD	#
PCB 1016	200	200	65	140	30	0	226	113		229	114		1.3	
PCB 1260	200	200	60	130	30	0	193	97		191	95		1.2	
PCB 1016 #2	200	200	65	140	30	0	262	131		258	129		1.7	
PCB 1260 #2	200	200	60	130	30	0	200	100		195	98		2.2	

Column to be used to flag reeovery and RPD values outside of QC limits

* Values outside QC limits

LCS/LCSD spike added values have been weight adjusted.

Non-spike result of "0" used in place of "U" to allow calculation of spike recovery.

Comments: _____

_____

PCB FORM 3

PCB SOIL
MATRIX SPIKE/DUPLICATE
PERCENT RECOVERY

Instrument ID: M

GC Column #1: STX-CLPesticides I

Column ID: 0.25 mm

GC Column #2: STX-CLPesticides II

Column ID: 0.25 mm

SDG: 67565

Non-spiked sample: 67565-1,,A/C

Spike: 67565-1,MS,,A/C

Spike duplicate: 67565-1,MSD,,A/C

COMPOUND	LCS SPIKE ADDED (ug/kg)	LCSD SPIKE ADDED (ug/kg)	LOWER LIMIT	UPPER LIMIT	RPD LIMIT	NON-SPIKE RESULT (ug/kg)	SPIKE RESULT (ug/kg)	SPIKE % REC	#	SPIKE DUP RESULT (ug/kg)	SPIKE DUP % REC	#	RPD	#
PCB 1016	223	219	65	140	30	0	269	120		258	118		2.0	
PCB 1260	223	219	60	130	30	0	325	146	*	318	145	*	0.3	
PCB 1016 #2	223	219	65	140	30	0	341	153	*	331	151	*	1.2	
PCB 1260 #2	223	219	60	130	30	0	279	125		272	124		0.9	

Column to be used to flag recovery and RPD values outside of QC limits

* Values outside QC limits

LCS/LCSD spike added values have been weight adjusted.

Non-spike result of "0" used in place of "U" to allow calculation of spike recovery.

Comments: _____

_____

CHAIN OF CUSTODIES

Chain Of Custody Form

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, NH 03801
Phone (603) 436-5111
Fax (603) 430-2151

For Analytics Use Only Rev. 5 06/18/08

Samples were:
1) Shipped or hand-delivered
2) Temp blank °C 3.9°
3) Received in good condition Y or N
4) pH checked by: N/A
5) Labels checked by: JLL 8-23-10

Project#: 223019 Proj. Name: AMISTAD ACADEMY
Company: Woodard & Curran
Contact: GEORGE FRANKLIN / JEFF HAMEL
Address: 35 New England Business Center Suite 180
Andover, MA 01810
Phone: (978)557-8150 PO# Quote # WCI03051001
Sampler (Signature): [signature]

Matrix Key:
C = Concrete
WP = Wipe
WW = Wastewater
SW = Surface Water
GW = Groundwater
DW = Drinking Water
S = Soil/Sludge
O = Oil
E = Extract
B = Brick

Container Key
P=plastic G=glass

Preservation

Station Identification	Sample Date	Sample Time	Analysis	Unpres	4° C	HNO_3	H_2SO_4	HCL	Methanol	Other	Matrix	Container number/type		pH	Analytics Sample #
AA-VSS-343	8/20/10	0715	PCB's by U.S.		✓						S	1	G		~~67564~~ @ 08/19/10 1
AA-VSS-344	↓	0720	E.P.A. 8082 w/		✓						S	1	G		67565 2
AA-VSS-345	↓	0725	Soxhlet		✓						S	1	G		3
AA-VSS-346	↓	0730	Extraction		✓						S	1	G		4
AA-VBS-347	↓	1150			✓						B	1	G		5
AA-VBS-348	↓	1155			✓						B	1	G		6

Email Results to: gfranklin@, jhamel@, jream@

Turnaround Time (TAT)
- [ ] 24hr*
- [x] 48hr*
- [ ] 72hr*
- [ ] 5 Days*
- [ ] 10 Days

*Fee may apply; lab approval required

Comments / Instructions:
R.L. ≤1.0 mg/kg.

Project Requirements:
*Fee may apply

Report Type:
- [ ] MCP*
- [x] Level II*
- [ ] CTRCP*
- [ ] Level III*
- [ ] DOD*
- [ ] Level IV*
- [ ] Standard

State:
- [ ] NH
- [ ] MA
- [ ] ME
- [x] CT
- [ ] RI
- Other:

State Standard: (eg. S-1 or GW-1)

EDD Required: Y* N
Type: .xls

Received By: FEDEX Time: Date: 8/20/10
Received By: [signature] Time: 1100 Date: 08/21/10
Received By: Time: Date:
Relinquished By Sampler: [signature]
Relinquished By: FEDEX
Relinquished By: @ 08/21/10

Analytics\AEL Documents\AEL COC

Page 1 of 1

ANALYTICS SAMPLE RECEIPT CHECKLIST

analytics environmental laboratory LLC

AEL LAB#: 67565 COOLER NUMBER: 33

CLIENT: WOODARD & CURRAN NUMBER OF COOLERS: 1

PROJECT: AMISTAD ACADEMY DATE RECEIVED: 08/21/10

A: PRELIMINARY EXAMINATION: DATE COOLER OPENED: 08/21/10

1. Cooler received by(initials): @ Date Received: 08/21/10

2. Circle one: Hand delivered (If so, skip 3) Shipped

3. Did cooler come with a shipping slip? Y N

3a. Enter carrier name and airbill number here: FEDEX 7989 6826 5973

4. Were custody seals on the outside of cooler? Y N
How many & where: N/A Seal Date: N/A Seal Name: N/A

5. Did the custody seals arrive unbroken and intact upon arrival? Y N/A

6. COC#: N/A

7. Were Custody papers filled out properly (ink,signed, etc)? ~~Y~~ cl 8/23/10 N - No relinquish time on COC

8. Were custody papers sealed in a plastic bag? Y N

9. Did you sign the COC in the appropriate place? Y N

10. Was the project identifiable from the COC papers? Y N

11. Was enough ice used to chill the cooler? Y N Temp. of cooler: 3.9°

B. Log-In: Date samples were logged in: 08/21/10 By: @

12. Type of packing in cooler(bubble wrap, popcorn) Y N

13. Were all bottles sealed in separate plastic bags? Y N

14. Did all bottles arrive unbroken and were labels in good condition? Y N

15. Were all bottle labels complete(ID,Date,time,etc.) Y N

16. Did all bottle labels agree with custody papers? Y N

17. Were the correct containers used for the tests indicated: Y N

18. Were samples received at the correct pH? Y N/A

19. Was sufficient amount of sample sent for the tests indicated? Y N

20. Were bubbles absent in VOA samples? Y N/A

If NO, List Sample ID's and Lab #s:

21. Laboratory labeling verified by (initials): Jw Date: 8.23.10

From: Origin ID: BNHA (203) 271-0379
Jess Ream
WOODARD & CURRAN INC
1520 HIGHLAND AVENUE

CHESHIRE, CT 06410

FedEx Express

J10201008090225

Ship Date: 20AUG10
ActWgt: 25.0 LB
CAD: 2185050/INET3060

Delivery Address Bar Code

Ref # 223019.00
Invoice #
PO #
Dept #

SHIP TO: (603) 436-5111 BILL SENDER

Analytics Enviro Labs, LLC
Analytics Enviro Labs, LLC
195 COMMERCE WAY UNIT E

PORTSMOUTH, NH 03801

TRK# 0201 7989 6826 5973

SATURDAY ### A2
PRIORITY OVERNIGHT

03801
NH-US
MHT

X0 IGGA

RT 388 1
FZ 389 5973
08.21

588G4/03B6/9A24

After printing this label:
1. Use the 'Print' button on this page to print your label to your laser or inkjet printer.
2. Fold the printed page along the horizontal line.
3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

Warning: Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com.FedEx will not be responsible for any claim in excess of $100 per package, whether the result of loss, damage, delay, non-delivery,misdelivery,or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim.Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic valueof the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental,consequential, or special is limited to the greater of $100 or the authorized declared value. Recovery cannot exceed actual documented loss.Maximum for items of extraordinary value is $500, e.g. jewelry, precious metals, negotiable instruments and other items listed in our ServiceGuide. Written claims must be filed within strict time limits, see current FedEx Service Guide.

FedEx Express **SDR**

FedEx® Saturday Delivery 151967 REV 10/04 MWI

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

September 2, 2010

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

RE: Analytical Results Case Narrative
Analytics # 67576 Revision 1
AMISTAD ACADEMY

Dear Mr. Franklin;

Enclosed please find the analytical results for samples submitted for the above-mentioned project. The attached Cover Page lists the sample IDs, Lab tracking numbers and collection dates for the samples included in this deliverable.

Samples were analyzed Polychlorinated Biphenyls (PCBs) by EPA Method 8082.

Revision 1: This report has been revised to include the LCS form 3 that was omitted from the original report due to a copier misfeed.

Unless otherwise noted in the Non-conformance Summary listed below, all of the quality control (QC) criteria including initial calibration, calibration verification, surrogate recovery, holding time and method accuracy/precision for these analyses were within acceptable limits.

This Level II data package has been assembled in the following order:

Case Narrative/Non-Conformance Summary
Sample Log Sheet - Cover Page
PCB Form 1 Data Sheet for Samples and Blanks
Chromatograms
PCB Form 10 Confirmation Results
PCB Form 3 MS/MSD (LCS) Recoveries
Chain of Custody (COC) Forms

QC NON-CONFORMANCE SUMMARY

Sample Receipt:
No exceptions.

PCBs by EPA Method 8082:
No results were reported below the quantitation limit.

The MS/MSD analyzed on sample 67576-3-1 had high recoveries and RPDs due to the concentrations of PCB 1254 detected in the parent sample. The laboratory control samples (L082410PSOX/LD082410PSOX) were in control for all analytes. Results were reported without qualification.

If you have any questions on these results, please do not hesitate to contact me.

Sincerely,
ANALYTICS Environmental Laboratory, LLC

Stephen L. Knollmeyer
Laboratory Director

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

Report Number: 67576

Revision: Rev. 0

Re: Amistad Academy (Project No: 223019)

Enclosed are the results of the analyses on your sample(s). Samples were received on 24 August 2010 and analyzed for the tests listed. Samples were received in acceptable condition, with the exceptions noted below or on the chain of custody. These results pertain to samples as received by the laboratory and for the analytical tests requested on the chain of custody. The results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report. Please see individual reports for specific methodologies and references.

Lab Number	Sample Date	Station Location	Analysis	Comments
67576-1	08/23/10	AA-VBS-349	EPA 8082 (PCBs only)	
67576-2	08/23/10	AA-VBS-350	EPA 8082 (PCBs only)	
67576-3	08/23/10	AA-VCC-351	EPA 8082 (PCBs only)	
67576-4	08/23/10	AA-VBS-352	EPA 8082 (PCBs only)	
67576-5	08/23/10	AA-VBS-353	Electronic Data Deliverable	
	08/23/10	AA-VBS-353	EPA 8082 (PCBs only)	

Sample Receipt Exceptions: None

Analytics Environmental Laboratory is certified by the states of New Hampshire, Maine, Massachusetts, Connecticut, Rhode Island, Virginia, Maryland, and is accredited by the Deparment of Defense (DOD) ELAP program. A list of actual certified parameters is available upon request.

If you have any questions on these results, please do not hesitate to contact us.

Authorized signature _____
Stephen L. Knollmeyer Lab. Director

Date 8/26/2010

This report shall not be reproduced, except in full, without the written consent of Analytics Environmental Laboratory, LLC.

Surrogate Compound Limits

Matrix:	Aqueous	Solid	
Units:	% Recovery	% Recovery	Method
Volatile Organic Compounds - Drinking Water			
1,4-Difluorobenzene	70-130		EPA 524.2
Bromofluorobenzene	70-130		
1,2-Dichlorobenzene-d4	70-130		
Volatile Organic Compounds			
1,2-Dichloroethane-d4	70-120	70-120	EPA 624/8260B
Toluene-d8	85-120	85-120	
Bromofluorobenzene	75-120	75-120	
Semi-Volatile Organic Compounds			
2-Fluorophenol	20-110	35-105	EPA 625/8270C
d5-Phenol	15-110	40-100	
d5-nitrobenzene	40-110	35-100	
2-Fluorobiphenyl	50-110	45-105	
2,4,6-Tribromophenol	40-110	40-125	
d14-p-terphenyl	50-130	30-125	
PAH's by SIM			
d5-nitrobenzene	21-110	35-110	EPA 8270C
2-Fluorobiphenyl	36-121	45-105	
d14-p-terphenyl	33-141	30-125	
Pesticides and PCBs			
2,4,5,6-Tetrachloro-m-xylene (TCX)	46-122	40-130	EPA 608/8082
Decachlorobiphenyl (DCB)	40-135	40-130	
Herbicides			
Dichloroacetic acid (DCAA)	30-150	30-150	
Gasoline Range Organics/TPH Gasoline			
Trifluorotoluene TFT (FID)	60-140	60-140	MEDEP 4217/EPA 8015
Bromofluorobenzene (BFB) (FID)	60-140	60-140	
Trifluorotoluene TFT (PID)	60-140	60-140	
Bromofluorobenzene (BFB) (PID)	60-140	60-140	
Diesel Range Organics/TPH Diesel			
m-terphenyl	60-140	60-140	MEDEP 4125/EPA 8015/CT ETPH
Volatile Petroleum Hydrocarbons			
2,5-Dibromotoluene (PID)	70-130	70-130	MADEP VPH May 2004 Rev1.1
2,5-Dibromotoluene (FID)	70-130	70-130	
Extracatable Petroleum Hydrocarbons			
1-chloro-octadecane (aliphatic)	40-140	40-140	MADEP EPH May 2004 Rev1.1
o-Terphenyl (aromatic)	40-140	40-140	
2-Fluorobiphenyl (Fractionation)	40-140	40-140	
2-Bromonaphthalene (fractionation)	40-140	40-140	

PCB
DATA SUMMARIES

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 26, 2010

SAMPLE DATA

Lab Sample ID: B082410PSOX
Matrix: Soil
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date:
Lab Receipt Date:
Extraction Date: 08/24/10
Analysis Date: 08/25/10

CLIENT SAMPLE ID

Project Name: Amistad Academy
Project Number: 223019
Field Sample ID: Lab QC

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	95	%
Decachlorobiphenyl	61	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

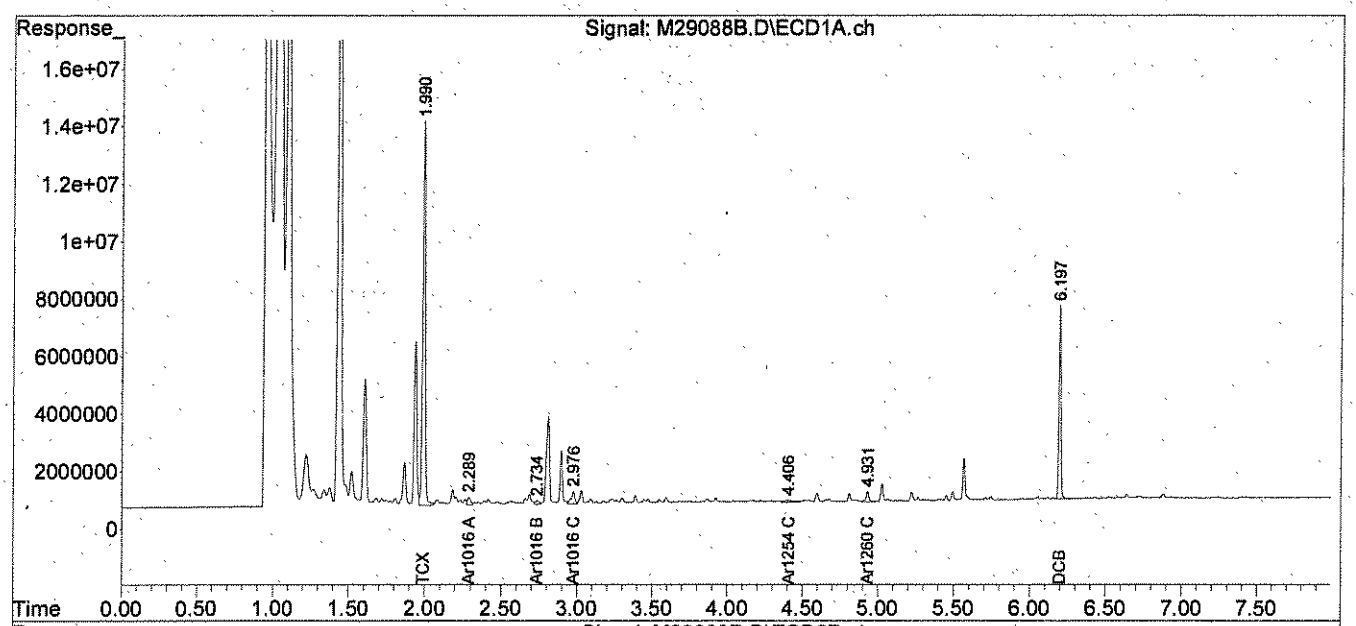
PCB Report

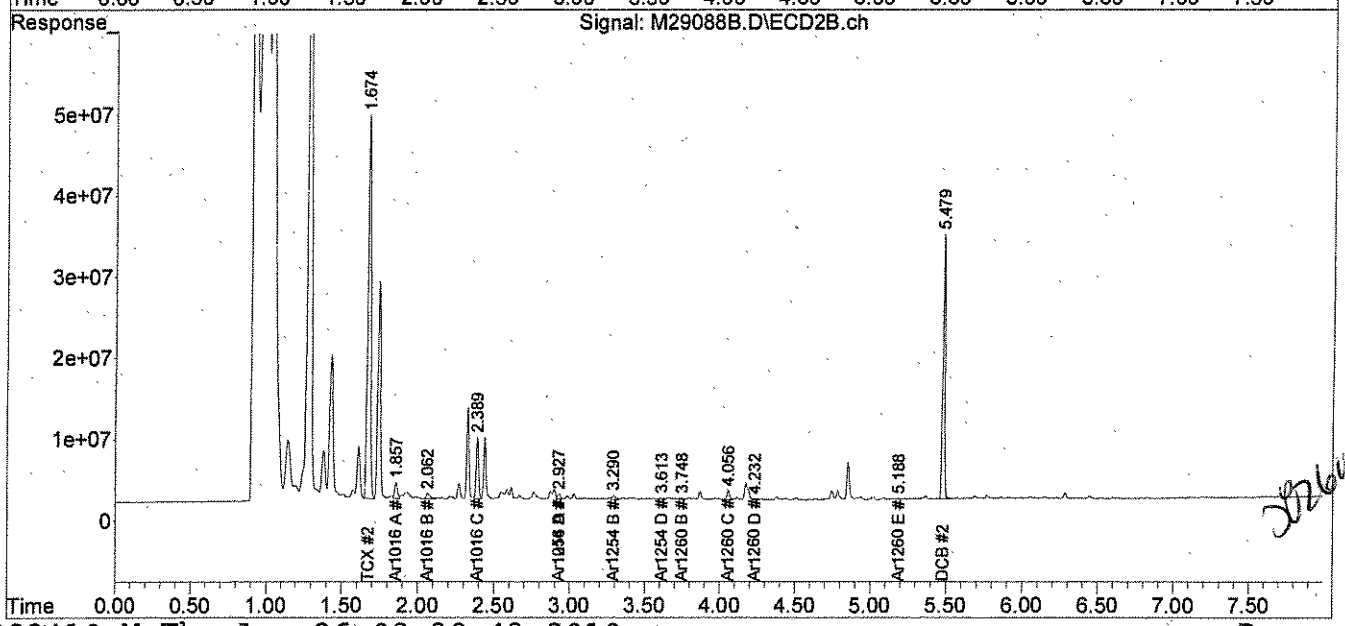
Authorized signature

Data Path : C:\msdchem\1\DATA\082410-M\
Data File : M29088B.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Aug 2010 11:53 am
Operator : JK
Sample : B082410PSOX,,A/C
Misc : SOIL
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 26 08:32:40 2010
Quant Method : C:\msdchem\1\METHODS\PCB082410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Wed Aug 25 09:33:39 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 26, 2010

SAMPLE DATA

Lab Sample ID:	67576-1
Matrix:	Solid
Percent Solid:	100
Dilution Factor:	1.0
Collection Date:	08/23/10
Lab Receipt Date:	08/24/10
Extraction Date:	08/24/10
Analysis Date:	08/25/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VBS-349

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	**158**
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	86	%
Decachlorobiphenyl	53	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67576
Sample: 67576-1,,A/C
Data File: M29091.D
Dilution Factor: 1.0

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	158	136	14.8	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

PCB FORM 10

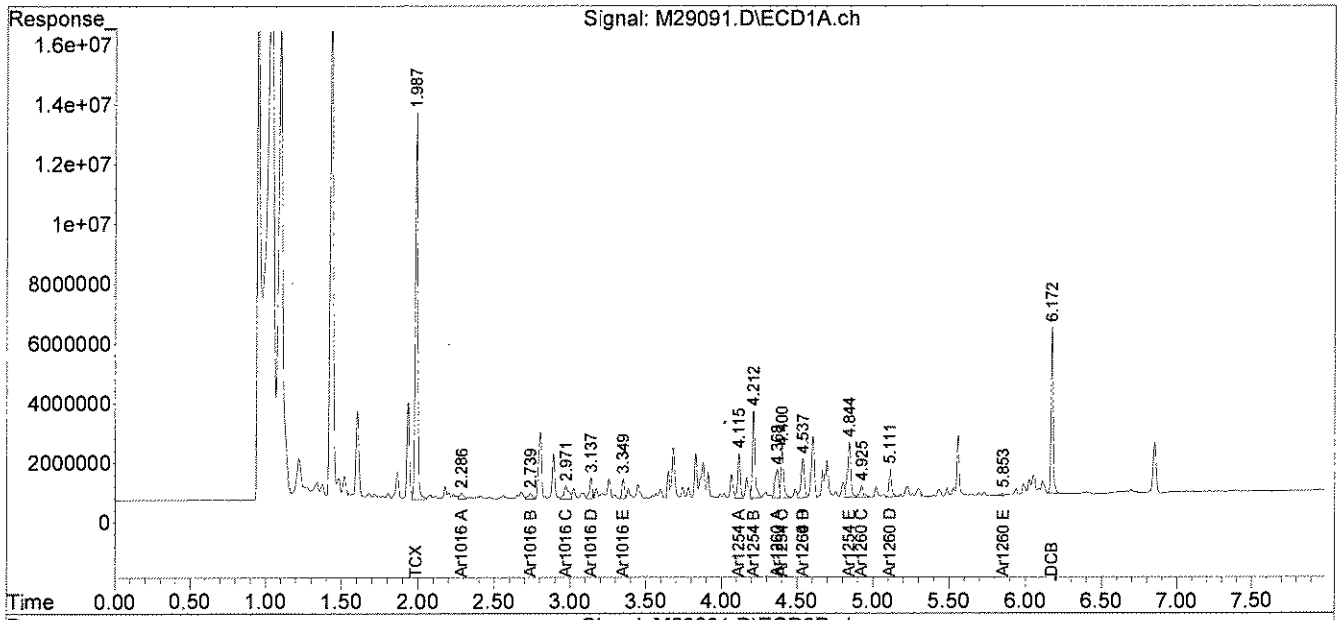
Quantitation Report (Not Reviewed)

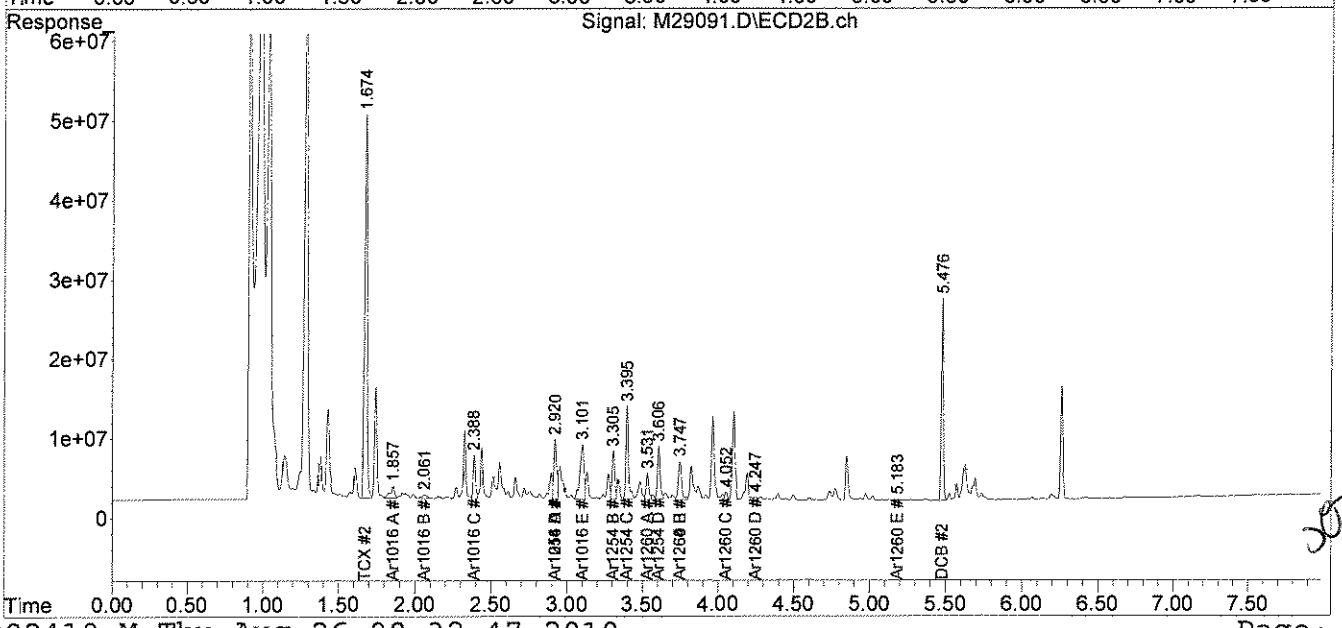
Data Path : C:\msdchem\1\DATA\082410-M\
Data File : M29091.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Aug 2010 12:23 pm
Operator : JK
Sample : 67576-1,,A/C
Misc : SOIL
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 26 08:32:47 2010
Quant Method : C:\msdchem\1\METHODS\PCB082410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Wed Aug 25 09:33:39 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um

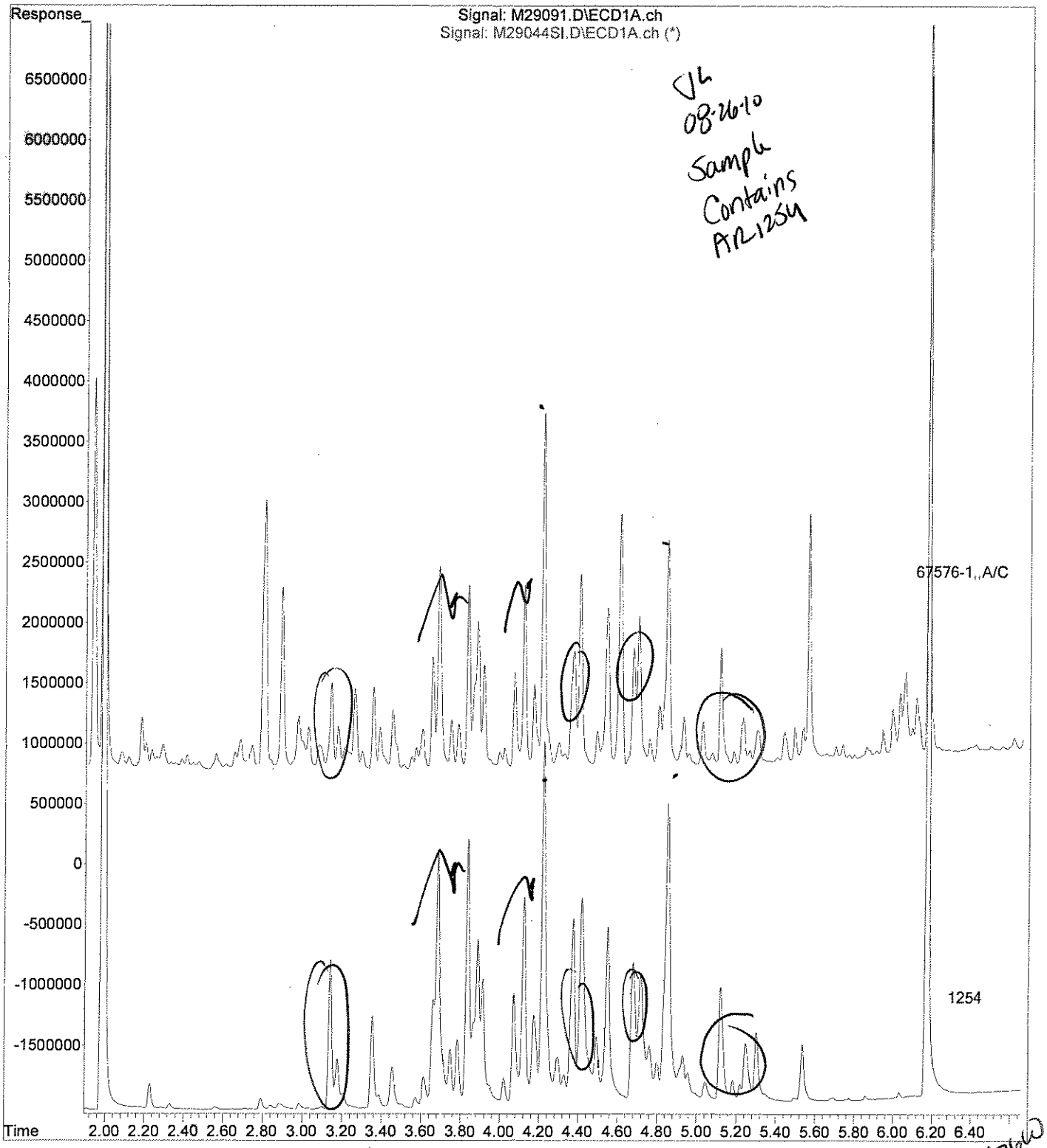
JK 08-26-10





JK 08-26-10

File :C:\msdchem\1\DATA\082410-M\M29091.D
Operator : JK
Acquired : 25 Aug 2010 12:23 pm using AcqMethod PEST.M
Instrument : Instrument M
Sample Name: 67576-1,,A/C
Misc Info : SOIL
Vial Number: 9



analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 26, 2010

SAMPLE DATA

Lab Sample ID: 67576-2
Matrix: Solid
Percent Solid: 99
Dilution Factor: 1.0
Collection Date: 08/23/10
Lab Receipt Date: 08/24/10
Extraction Date: 08/24/10
Analysis Date: 08/25/10

CLIENT SAMPLE ID

Project Name: Amistad Academy
Project Number: 223019
Field Sample ID: AA-VBS-350

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	**793**
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	92	%
Decachlorobiphenyl	60	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67576
Sample: 67576-2,,A/C
Data File: M29092.D
Dilution Factor: 1.0

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	729	793	8.4	

Column to be used to flag RPD values greater than QC limit of 40%
* Values outside QC limits

Comments: _____

PCB FORM 10

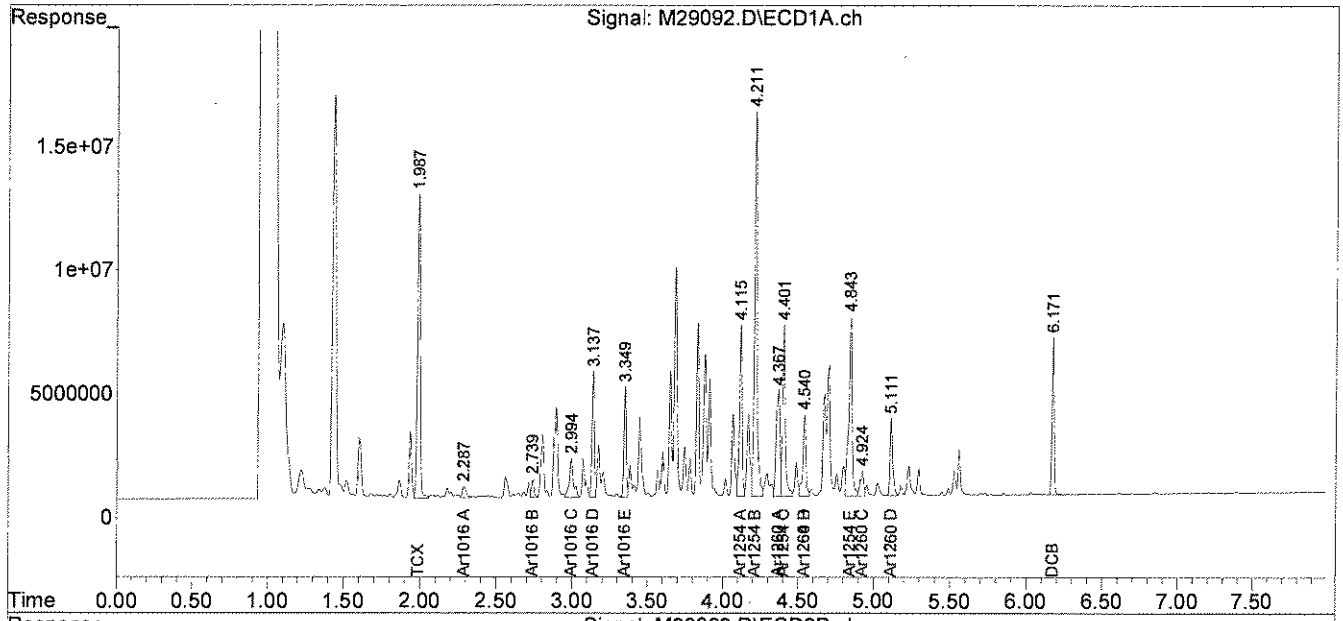
Quantitation Report (Not Reviewed)

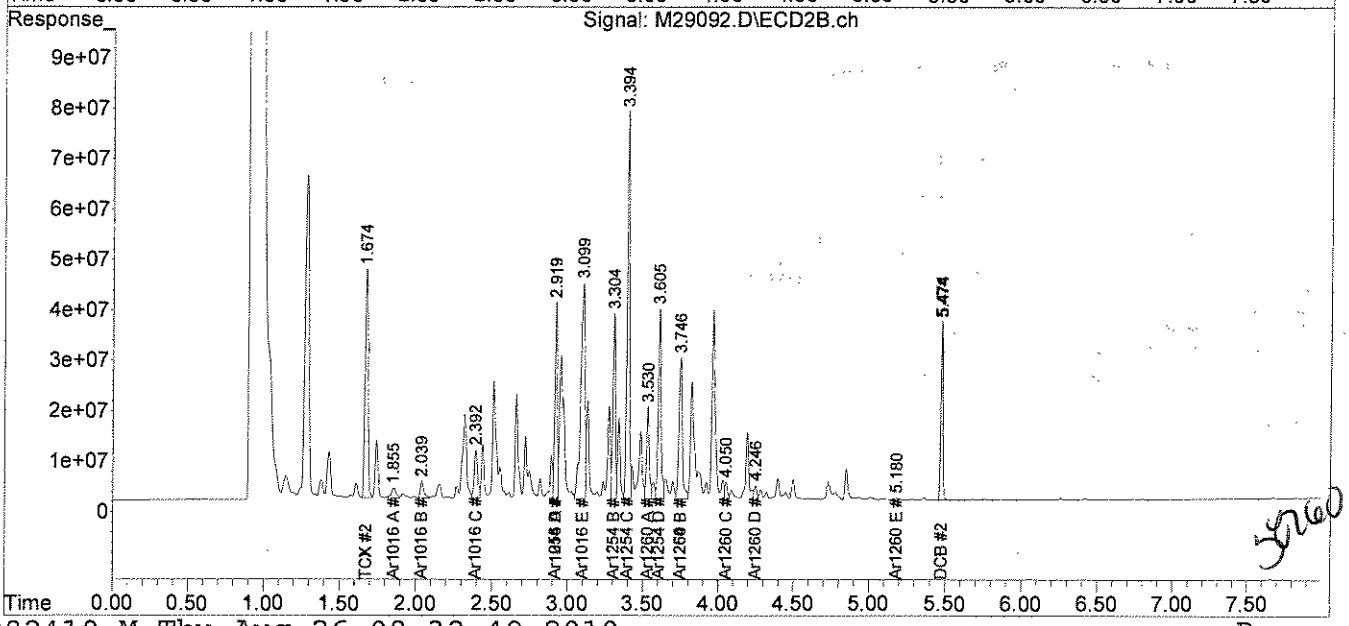
Data Path : C:\msdchem\1\DATA\082410-M\
Data File : M29092.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Aug 2010 12:34 pm
Operator : JK
Sample : 67576-2,,A/C
Misc : SOIL
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 26 08:32:49 2010
Quant Method : C:\msdchem\1\METHODS\PCB082410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Wed Aug 25 09:33:39 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um

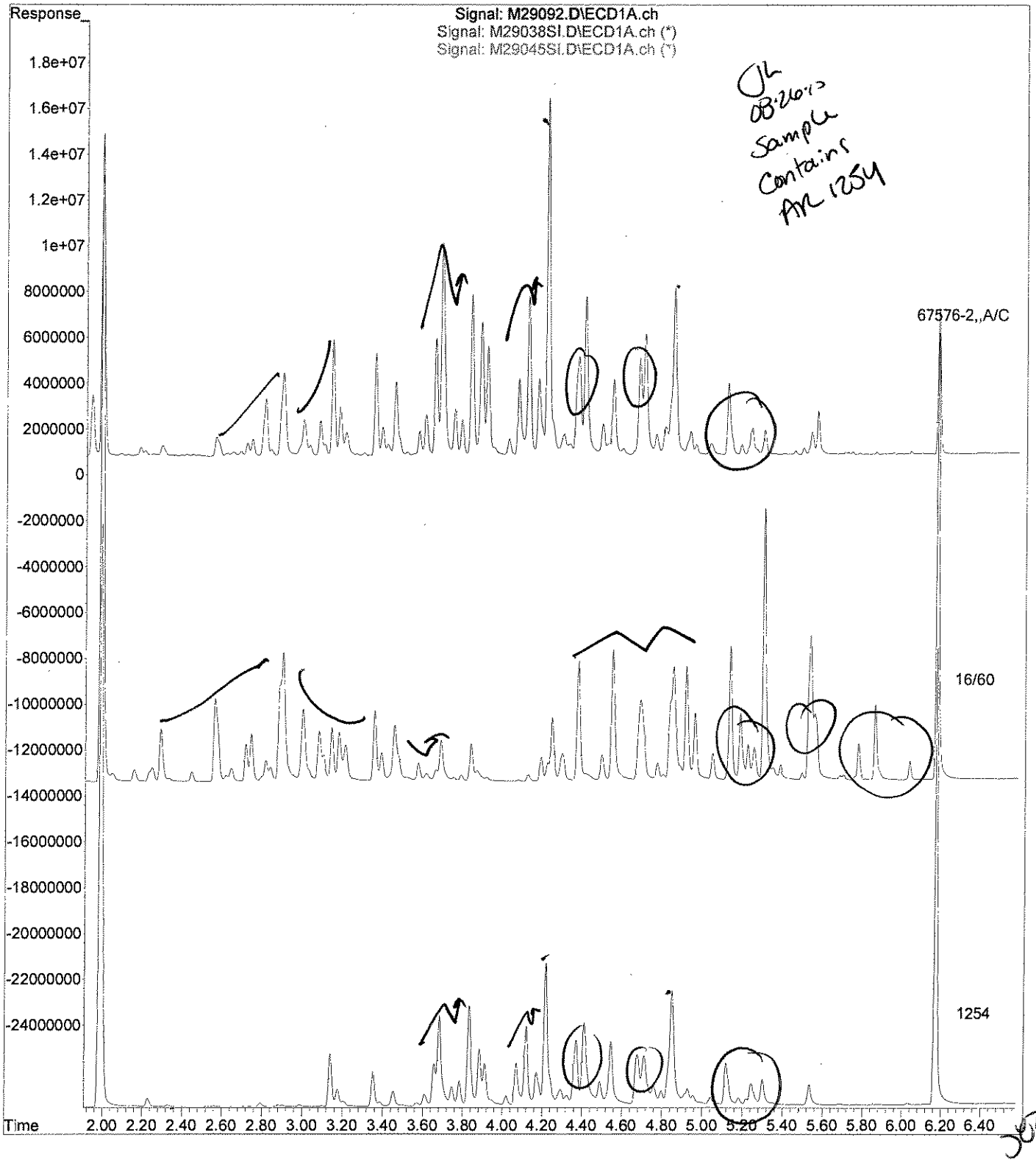
JL 08-26-10





35260

File :C:\msdchem\1\DATA\082410-M\M29092.D
Operator : JK
Acquired : 25 Aug 2010 12:34 pm using AcqMethod PEST.M
Instrument : Instrument M
Sample Name: 67576-2,,A/C
Misc Info : SOIL
Vial Number: 10



analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 26, 2010

SAMPLE DATA

Lab Sample ID:	67576-3
Matrix:	Solid
Percent Solid:	92
Dilution Factor:	1.0
Collection Date:	08/23/10
Lab Receipt Date:	08/24/10
Extraction Date:	08/24/10
Analysis Date:	08/25/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VCC-351

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	**608**
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	92	%
Decachlorobiphenyl	74	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67576
Sample: 67576-3,,A/C
Data File: M29093.D
Dilution Factor: 1.0

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	608	427	35.1	

Column to be used to flag RPD values greater than QC limit of 40%
* Values outside QC limits

Comments: _____

PCB FORM 10

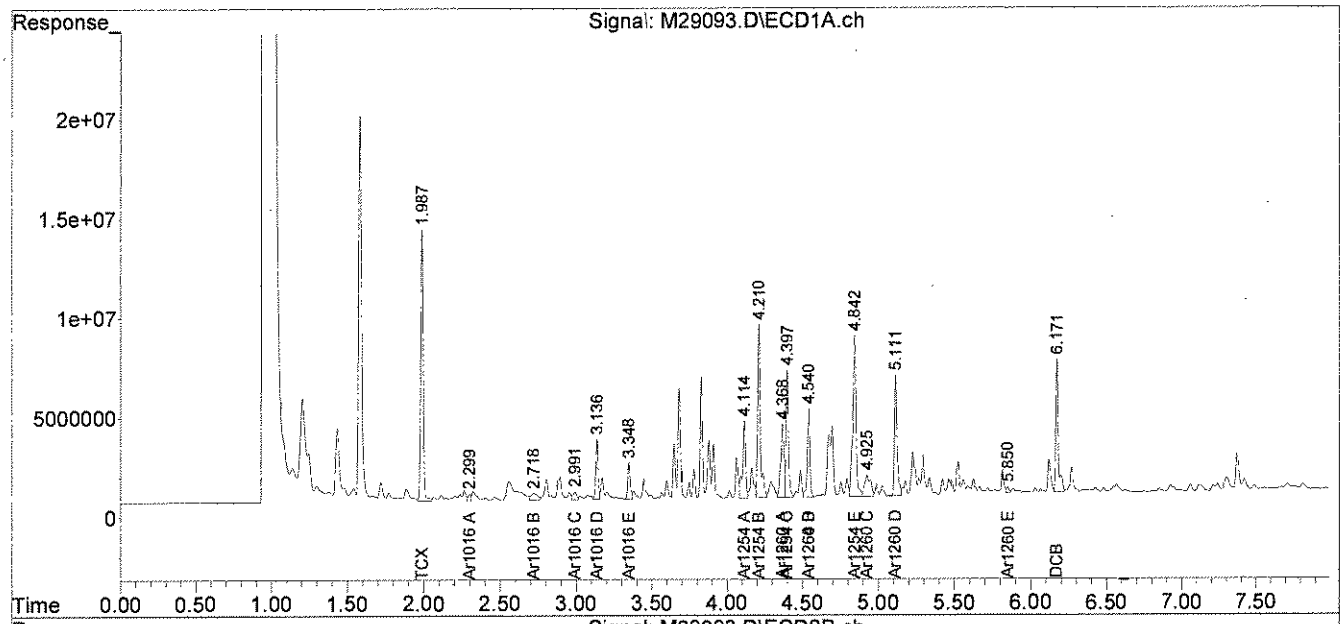
Quantitation Report (Not Reviewed)

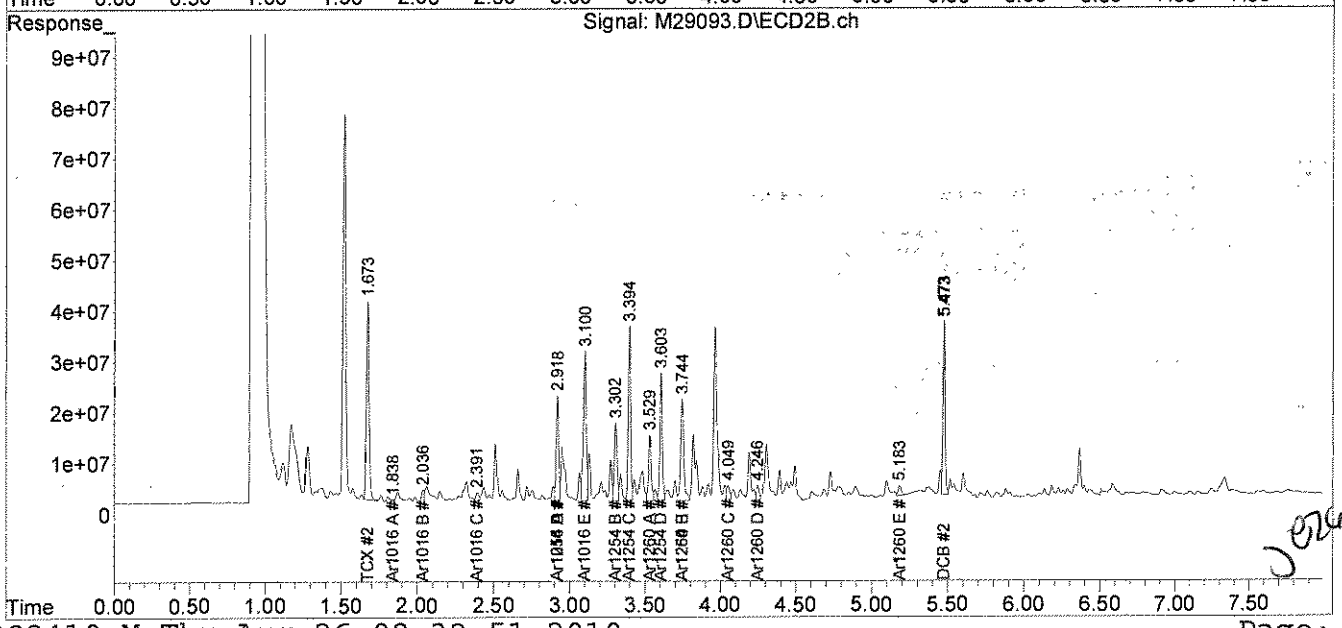
Data Path : C:\msdchem\1\DATA\082410-M\
Data File : M29093.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Aug 2010 12:44 pm
Operator : JK
Sample : 67576-3,,A/C
Misc : SOIL
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 26 08:32:51 2010
Quant Method : C:\msdchem\1\METHODS\PCB082410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Wed Aug 25 09:33:39 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um

JL 08.26.10





JL 08.26.10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 26, 2010

SAMPLE DATA

Lab Sample ID:	67576-4
Matrix:	Solid
Percent Solid:	94
Dilution Factor:	1.1
Collection Date:	08/23/10
Lab Receipt Date:	08/24/10
Extraction Date:	08/24/10
Analysis Date:	08/25/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VBS-352

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	36	U
PCB-1221	36	U
PCB-1232	36	U
PCB-1242	36	U
PCB-1248	36	U
PCB-1254	36	**93**
PCB-1260	36	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	93	%
Decachlorobiphenyl	53	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67576
Sample: 67576-4,,A/C
Data File: M29096.D
Dilution Factor: 1.1

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	93	73	23.8	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

PCB FORM 10

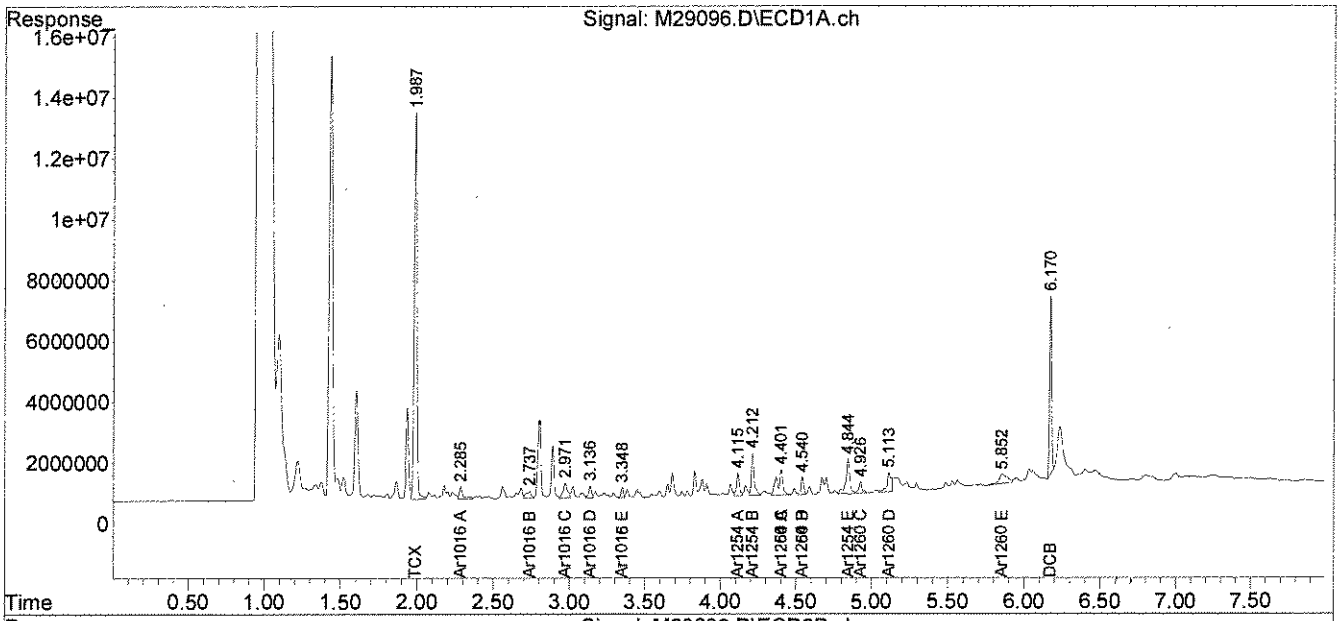
Quantitation Report (QT Reviewed)

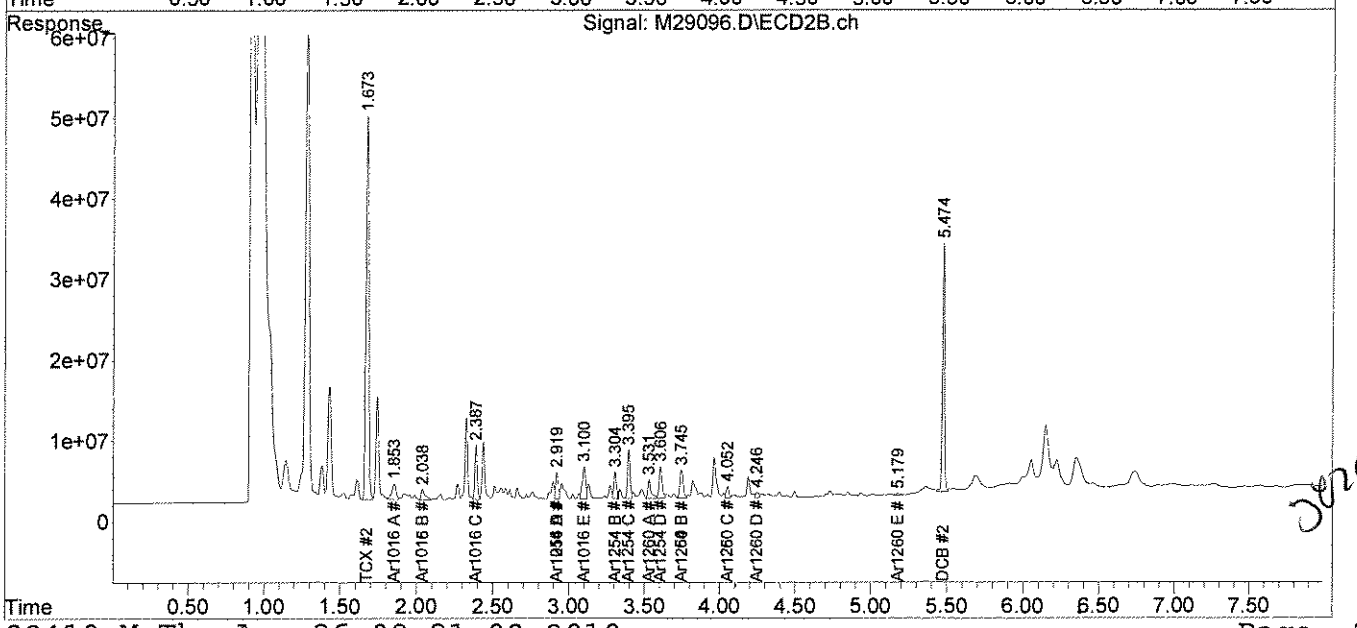
Data Path : C:\msdchem\1\DATA\082410-M\
Data File : M29096.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Aug 2010 1:15 pm
Operator : JK
Sample : 67576-4,,A/C
Misc : SOIL
ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 26 09:20:58 2010
Quant Method : C:\msdchem\1\METHODS\PCB082410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Wed Aug 25 09:33:39 2010
Response via : Initial Calibration
Integrator: ChemStation

JL 08-26-10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





JL 08-26-10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 26, 2010

SAMPLE DATA

Lab Sample ID:	67576-5
Matrix:	Solid
Percent Solid:	94
Dilution Factor:	1.0
Collection Date:	08/23/10
Lab Receipt Date:	08/24/10
Extraction Date:	08/24/10
Analysis Date:	08/25/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VBS-353

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	**37**
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	87	%
Decachlorobiphenyl	59	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67576
Sample: 67576-5,,A/C
Data File: M29097.D
Dilution Factor: 1.0

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	30	37	20.0	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

PCB FORM 10

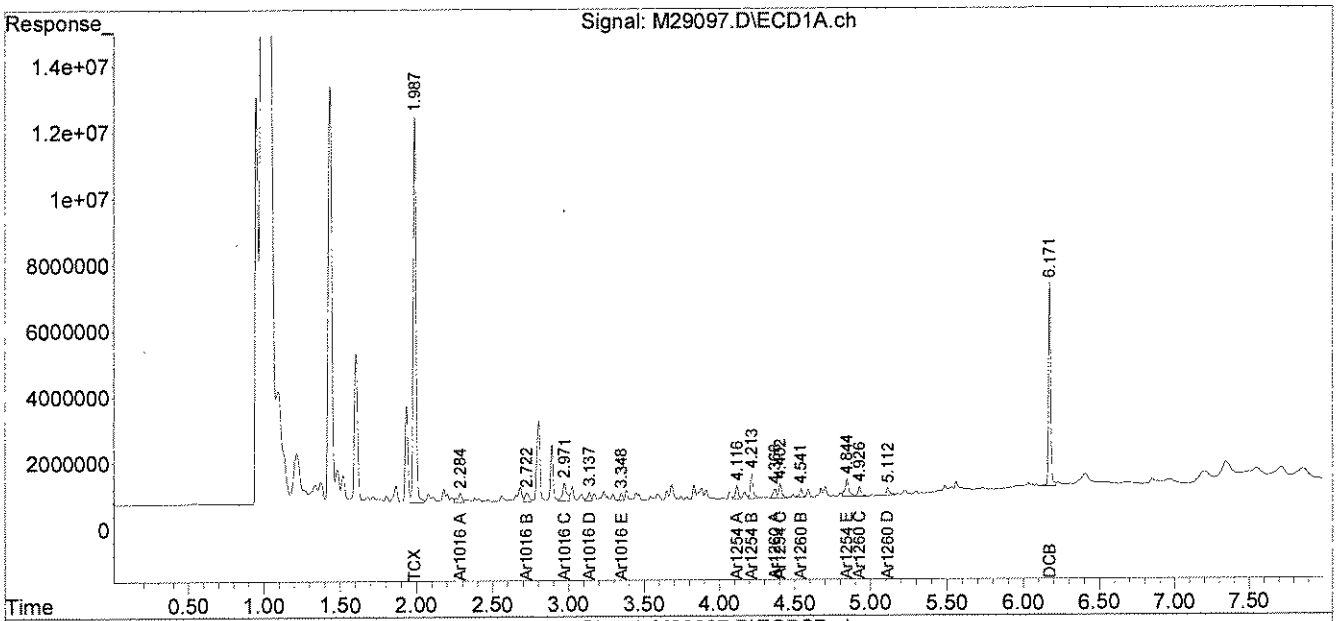
Quantitation Report (Not Reviewed)

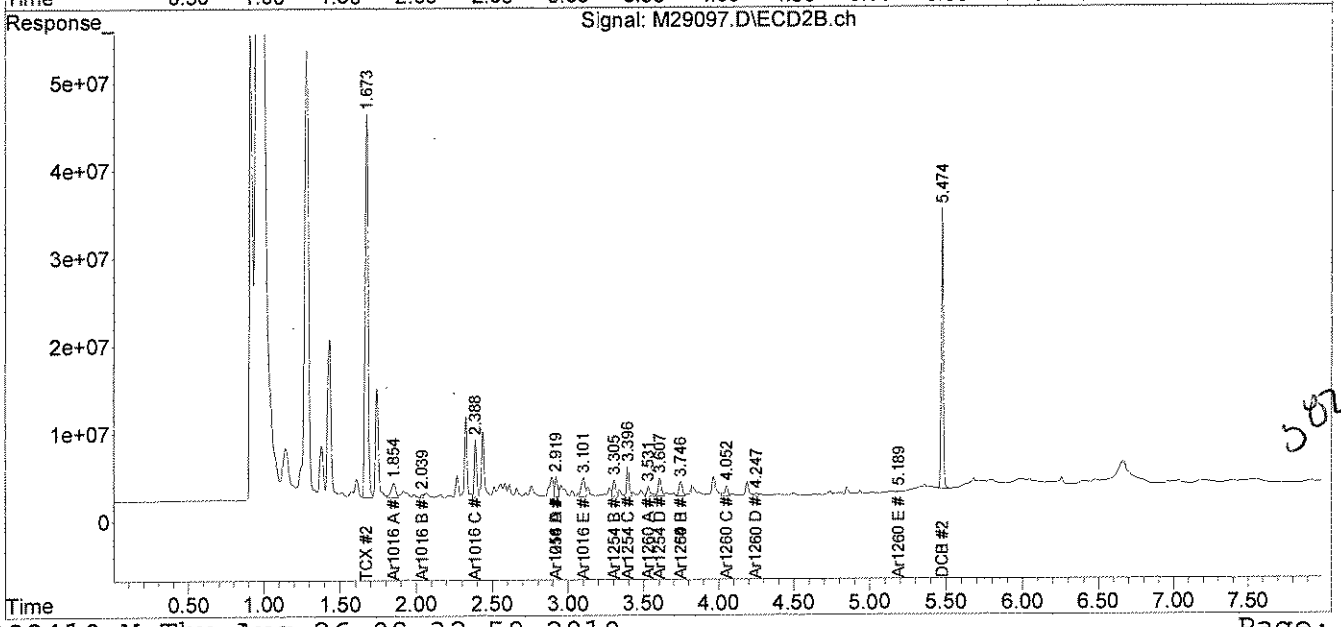
Data Path : C:\msdchem\1\DATA\082410-M\
Data File : M29097.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Aug 2010 1:25 pm
Operator : JK
Sample : 67576-5,,A/C
Misc : SOIL
ALS Vial : 15 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 26 08:32:59 2010
Quant Method : C:\msdchem\1\METHODS\PCB082410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Wed Aug 25 09:33:39 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um

JK 08.26.10





5.8260

PCB
QC FORMS

AnalyticsLLC:AEL Documents LLC:Pkg Dividers:PCBQC.doc

PCB SOIL
SYSTEM MONITORING COMPOUNDS
SUMMARY

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67576

	Column #1				Column #2			
SAMPLE ID	SMC 1 (%)	#	SMC 2 (%)	#	SMC 1 (%)	#	SMC 2 (%)	#
B082410PSOX,,A/C	95		61		85		50	
L082410PSOX,,A/C	93		61		88		56	
LD082410PSOX,,A/C	91		59		83		55	
67576-1,,A/C	86		53		79		39	*
67576-2,,A/C	92		60		86		53	
67576-3,,A/C	92		74		66		54	
67576-3,MS,,A/C	97		62		79		59	
67576-3,MSD,,A/C	86		50		66		48	
67576-4,,A/C	93		53		87		48	
67576-5,,A/C	87		59		82		48	

		Lower Limit	Upper Limit
SMC #1 =	TCX	40	130
SMC #2 =	DCB	40	130

\# Column to be used to flag recovery values outside of QC limits
* Values outside QC limits
D System Monitoring Compound diluted out

PCB SOIL
LABORATORY CONTROL SAMPLE/DUPLICATE
PERCENT RECOVERY

Instrument ID: M

GC Column #1: STX-CLPesticides I

Column ID: 0.25 mm

GC Column #2: STX-CLPesticides II

Column ID: 0.25 mm

SDG: 67576

Non-spiked sample: B082410PSOX,,A/C

Spike: L0824I0PSOX,,A/C

Spike duplicate: LD0824I0PSOX,,A/C

COMPOUND	LCS SPIKE ADDED (ug/kg)	LCSD SPIKE ADDED (ug/kg)	LOWER LIMIT	UPPER LIMIT	RPD LIMIT	NON-SPIKE RESULT (ug/kg)	SPIKE RESULT (ug/kg)	SPIKE % REC	#	SPIKE DUP RESULT (ug/kg)	SPIKE DUP % REC	#	RPD	#
PCB 1016	200	200	65	140	30	0	220	110		232	116		5.3	
PCB 1260	200	200	60	130	30	0	198	99		205	102		3.4	
PCB 1016 #2	200	200	65	140	30	0	215	107		232	116		7.8	
PCB 1260 #2	200	200	60	130	30	0	189	95		193	96		1.8	

Column to be used to flag recovery and RPD values outside of QC limits

* Values outside QC limits

LCS/LCSD spike added values have been weight adjusted.

Non-spike result of "0" used in place of "U" to allow calculation of spike recovery.

Comments: _____

_____

PCB FORM 3

PCB SOIL
LABORATORY CONTROL SAMPLE/DUPLICATE
PERCENT RECOVERY

Instrument ID: M

GC Column #1: STX-CLPesticides I

Column ID: 0.25 mm

GC Column #2: STX-CLPesticides II

Column ID: 0.25 mm

SDG: 67576

Non-spiked sample: 67576-3,,A/C

Spike: 67576-3,MS,,A/C

Spike duplicate: 67576-3,MSD,,A/C

COMPOUND	LCS SPIKE ADDED (ug/kg)	LCSD SPIKE ADDED (ug/kg)	LOWER LIMIT	UPPER LIMIT	RPD LIMIT	NON-SPIKE RESULT (ug/kg)	SPIKE RESULT (ug/kg)	SPIKE % REC	#	SPIKE DUP RESULT (ug/kg)	SPIKE DUP % REC	#	RPD	#
PCB 1016	212	203	65	140	30	0	440	207	*	549	270	*	26.4	
PCB 1260	212	203	60	130	30	0	512	241	*	795	391	*	47.5	*
PCB 1016 #2	212	203	65	140	30	0	917	432	*	1278	630	*	37.2	*
PCB 1260 #2	212	203	60	130	30	0	363	171	*	381	188	*	9.4	

Column to be used to flag recovery and RPD values outside of QC limits

* Values outside QC limits

LCS/LCSD spike added values have been weight adjusted.

Non-spike result of "0" used in place of "U" to allow calculation of spike recovery.

Comments: _____

_____

PCB FORM 3

CHAIN OF CUSTODIES

Chain Of Custody Form

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, NH 03801
Phone (603) 436-5111
Fax (603) 430-2151

For Analytics Use Only Rev. 5 06/18/08

Samples were:
1) Shipped or hand-delivered
2) Temp blank °C 5°C
3) Received in good condition Y or N
4) pH checked by: N/A
5) Labels checked by: JW 8.24.10

Project#: 223019 Proj. Name: AMISTAD ACADEMY
Company: Woodard & Curran
Contact: GEORGE FRANKLIN / JEFF HAMEL
Address: 35 New England Business Center Suite 180
Andover, MA 01810
Phone: (978)557-8150 PO# Quote # WCI03051001
Sampler (Signature): [signature]

Matrix Key:
C = Concrete
WP = Wipe
WW = Wastewater
SW = Surface Water
GW = Groundwater
DW = Drinking Water
S = Soil/Sludge
O = Oil
E = Extract

Container Key
P=plastic G=glass

Preservation

Station Identification	Sample Date	Sample Time	Analysis	Unpres	4° C	HNO_3	H_2SO_4	HCL	Methanol	Other	Matrix	Container number/type		pH	Analytics Sample #
AA-VBS-349	8/23/10	0825	PCB's by U.S.		✓						B	1	G		67576-1
AA-VBS-350	↓	0830	E.P.A. 8082 w/		✓						B	1	G		-2
AA-VCC-351	↓	1140	Soxhlet		✓						C	1	G		-3
AA-VBS-352	↓	1215	Extraction		✓						B	1	G		-4
AA-VBS-353	↓	1220			✓						B	1	G		-5

JB 8/24/10

Email Results to: franklin, jhamel, ~~jhamel~~ jream

Turnaround Time (TAT)
- [ ] 24hr*
- [x] 48hr*
- [ ] 72hr*
- [ ] 5 Days*
- [ ] 10 Days

*Fee may apply; lab approval required

Comments / Instructions:
R.L. ≤ 1.0 mg/kg.

Project Requirements:
*Fee may apply

Report Type:
- [ ] MCP*
- [x] Level II*
- [ ] CTRCP*
- [ ] Level III*
- [ ] DOD*
- [ ] Level IV*
- [ ] Standard

State:
- [ ] NH
- [ ] MA
- [ ] ME
- [x] CT
- [ ] RI

Other:

State Standard:
(eg. S-1 or GW-1)

EDD Required Y* N
Type: .xls

Received By: [signature] Time: 1230 Date: 8/23/10
Received By: Lisa Tawfeld Time: 1240 Date: 8/24/10
Received By: JB 8/24/10 Time: Date:
Relinquished By Sampler: [signature]
Relinquished By: [signature]
Relinquished By:

Analytics\AEL Documents\AEL COC

Page 1 of 1

ANALYTICS SAMPLE RECEIPT CHECKLIST

analytics environmental laboratory LLC

AEL LAB#: 675760

CLIENT: Woodard + Curran

PROJECT: Amstad Academy

COOLER NUMBER: N/A

NUMBER OF COOLERS: 1

DATE RECEIVED: 8/24/10

A: PRELIMINARY EXAMINATION:

DATE COOLER OPENED: 8/24/10

1. Cooler received by(initials): lmt — Date Received: 8/24/10

2. Circle one: Hand delivered (If so, skip 3) — Shipped

3. Did cooler come with a shipping slip? Y N

3a. Enter carrier name and airbill number here: N/A

4. Were custody seals on the outside of cooler? Y N
How many & where: — Seal Date: — Seal Name: —

5. Did the custody seals arrive unbroken and intact upon arrival? N/A Y N

6 COC#: _____

7. Were Custody papers filled out properly (ink,signed, etc)? Y N

8. Were custody papers sealed in a plastic bag? Y N

9. Did you sign the COC in the appropriate place? Y N

10. Was the project identifiable from the COC papers? Y N

11. Was enough ice used to chill the cooler? Y N — Temp. of cooler: 5°C

B. Log-In: Date samples were logged in: 8/24/10 By: lmt

12. Type of packing in cooler(bubble wrap, popcorn) Y N

13. Were all bottles sealed in separate plastic bags? Y N

14. Did all bottles arrive unbroken and were labels in good condition? Y N

15. Were all bottle labels complete(ID,Date,time,etc.) Y N

16. Did all bottle labels agree with custody papers? Y N

17. Were the correct containers used for the tests indicated: Y N

18. Were samples received at the correct pH? N/A Y N/A

19. Was sufficient amount of sample sent for the tests indicated? Y N

20. Were bubbles absent in VOA samples? N/A Y N/A

If NO, List Sample ID's and Lab #s: _____

21. Laboratory labeling verified by (initials): JW 8.24.10 Date: 8/24/10

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

August 27, 2010

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

RE: Analytical Results Case Narrative
Analytics # 67578
AMISTAD ACADEMY

Dear Mr. Franklin;

Enclosed please find the analytical results for samples submitted for the above-mentioned project. The attached Cover Page lists the sample IDs, Lab tracking numbers and collection dates for the samples included in this deliverable.

Samples were analyzed Polychlorinated Biphenyls (PCBs) by EPA Method 8082.

Unless otherwise noted in the Non-conformance Summary listed below, all of the quality control (QC) criteria including initial calibration, calibration verification, surrogate recovery, holding time and method accuracy/precision for these analyses were within acceptable limits.

This Level II data package has been assembled in the following order:

Case Narrative/Non-Conformance Summary
Sample Log Sheet - Cover Page
PCB Form 1 Data Sheet for Samples and Blanks
Chromatograms
PCB Form 10 Confirmation Results
PCB Form 3 MS/MSD (LCS) Recoveries
Chain of Custody (COC) Forms

QC NON-CONFORMANCE SUMMARY

Sample Receipt:
No exceptions.

PCBs by EPA Method 8082:
No results were reported below the quantitation limit.

Sample 67578-1 had low recovery for surrogate Decachlorobiphenyl (DCB) on column#2. Column#1 was in control for both surrogates. Results were reported without qualification.

If you have any questions on these results, please do not hesitate to contact me.

Sincerely,
ANALYTICS Environmental Laboratory, LLC

Stephen L. Knollmeyer
Laboratory Director

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

Report Number: 67578

Revision: Rev. 0

Re: Amistad Academy (Project No: 223019)

Enclosed are the results of the analyses on your sample(s). Samples were received on 25 August 2010 and analyzed for the tests listed. Samples were received in acceptable condition, with the exceptions noted below or on the chain of custody. These results pertain to samples as received by the laboratory and for the analytical tests requested on the chain of custody. The results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report. Please see individual reports for specific methodologies and references.

Lab Number	Sample Date	Station Location	Analysis	Comments
67578-1	08/24/10	AA-VSS-354	Electronic Data Deliverable	
	08/24/10	AA-VSS-354	EPA 8082 (PCBs only)	

Sample Receipt Exceptions: None

Analytics Environmental Laboratory is certified by the states of New Hampshire, Maine, Massachusetts, Connecticut, Rhode Island, Virginia, Maryland, and is accredited by the Deparment of Defense (DOD) ELAP program. A list of actual certified parameters is available upon request.

If you have any questions on these results, please do not hesitate to contact us.

Authorized signature _____
Stephen L. Knollmeyer Lab. Director

Date 08/27/2010

This report shall not be reproduced, except in full, without the written consent of Analytics Environmental Laboratory, LLC.

analytics environmental laboratory LLC

Surrogate Compound Limits

Matrix:	Aqueous	Solid	
Units:	% Recovery	% Recovery	Method
Volatile Organic Compounds - Drinking Water			
1,4-Difluorobenzene	70-130		EPA 524.2
Bromofluorobenzene	70-130		
1,2-Dichlorobenzene-d4	70-130		
Volatile Organic Compounds			
1,2-Dichloroethane-d4	70-120	70-120	EPA 624/8260B
Toluene-d8	85-120	85-120	
Bromofluorobenzene	75-120	75-120	
Semi-Volatile Organic Compounds			
2-Fluorophenol	20-110	35-105	EPA 625/8270C
d5-Phenol	15-110	40-100	
d5-nitrobenzene	40-110	35-100	
2-Fluorobiphenyl	50-110	45-105	
2,4,6-Tribromophenol	40-110	40-125	
d14-p-terphenyl	50-130	30-125	
PAH's by SIM			
d5-nitrobenzene	21-110	35-110	EPA 8270C
2-Fluorobiphenyl	36-121	45-105	
d14-p-terphenyl	33-141	30-125	
Pesticides and PCBs			
2,4,5,6-Tetrachloro-m-xylene (TCX)	46-122	40-130	EPA 608/8082
Decachlorobiphenyl (DCB)	40-135	40-130	
Herbicides			
Dichloroacetic acid (DCAA)	30-150	30-150	
Gasoline Range Organics/TPH Gasoline			
Trifluorotoluene TFT (FID)	60-140	60-140	MEDEP 4217/EPA 8015
Bromofluorobenzene (BFB) (FID)	60-140	60-140	
Trifluorotoluene TFT (PID)	60-140	60-140	
Bromofluorobenzene (BFB) (PID)	60-140	60-140	
Diesel Range Organics/TPH Diesel			
m-terphenyl	60-140	60-140	MEDEP 4125/EPA 8015/CT ETPH
Volatile Petroleum Hydrocarbons			
2,5-Dibromotoluene (PID)	70-130	70-130	MADEP VPH May 2004 Rev1.1
2,5-Dibromotoluene (FID)	70-130	70-130	
Extracatable Petroleum Hydrocarbons			
1-chloro-octadecane (aliphatic)	40-140	40-140	MADEP EPH May 2004 Rev1.1
o-Terphenyl (aromatic)	40-140	40-140	
2-Fluorobiphenyl (Fractionation)	40-140	40-140	
2-Bromonaphthalene (fractionation)	40-140	40-140	

analytics environmental laboratory LLC

PCB
DATA SUMMARIES

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 27, 2010

SAMPLE DATA

Lab Sample ID: B082510PSOX
Matrix: Soil
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date:
Lab Receipt Date:
Extraction Date: 08/25/10
Analysis Date: 08/26/10

CLIENT SAMPLE ID

Project Name: Amistad Academy
Project Number: 223019
Field Sample ID: Lab QC

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	88	%
Decachlorobiphenyl	57	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

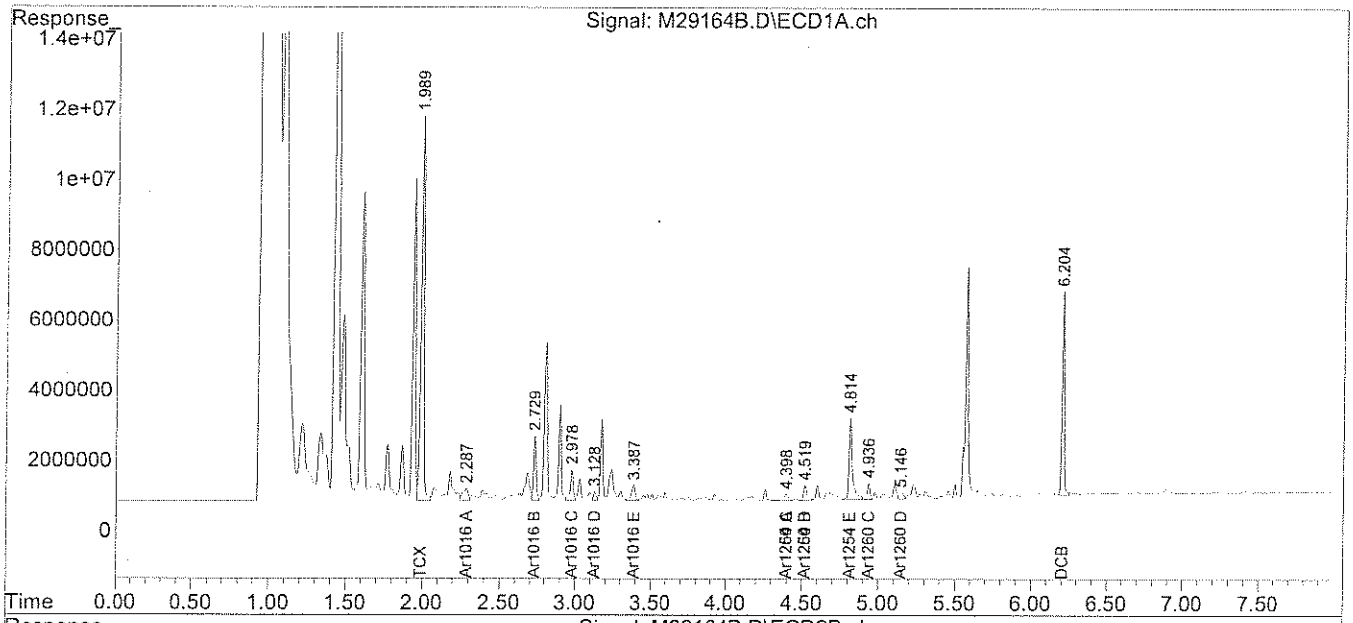
Authorized signature

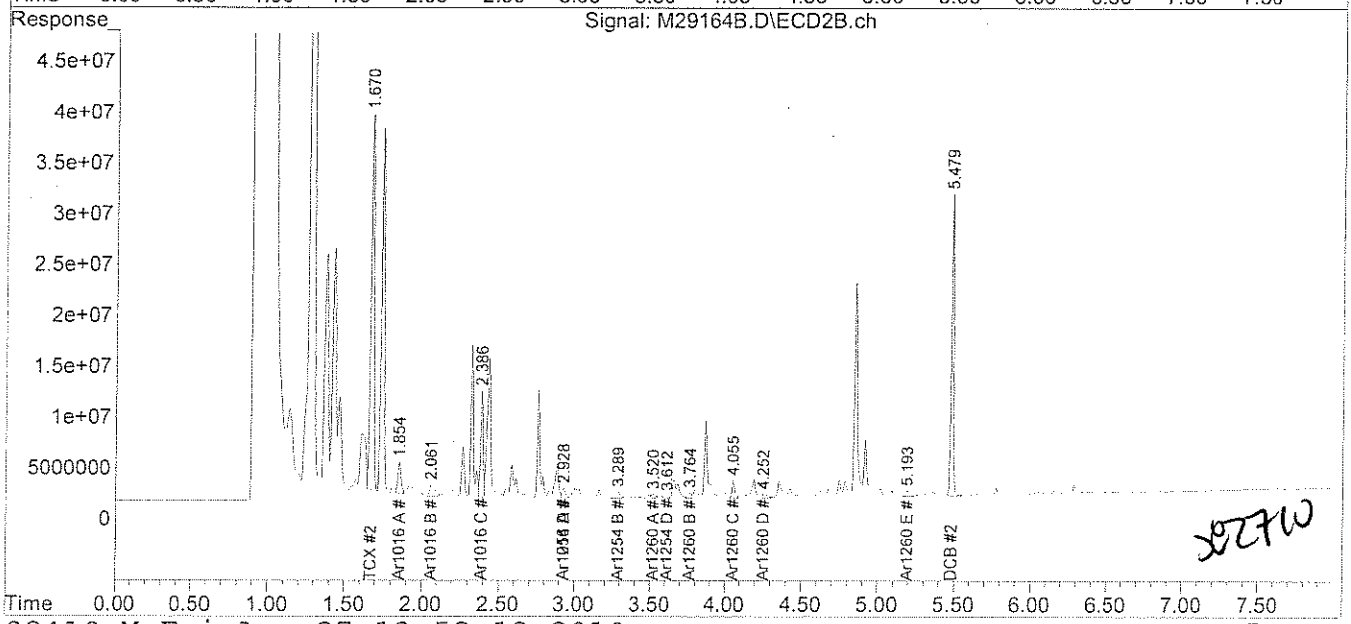
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\082610-M\
Data File : M29164B.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Aug 2010 4:30 pm
Operator : JK
Sample : B082510PSOX,,A/C
Misc : SOIL
ALS Vial : 16 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 27 13:52:03 2010
Quant Method : C:\msdchem\1\METHODS\PCB082410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Wed Aug 25 09:33:39 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 27, 2010

SAMPLE DATA

Lab Sample ID:	67578-1
Matrix:	Solid
Percent Solid:	94
Dilution Factor:	1.1
Collection Date:	08/24/10
Lab Receipt Date:	08/25/10
Extraction Date:	08/25/10
Analysis Date:	08/26/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-354

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	36	U
PCB-1221	36	U
PCB-1232	36	U
PCB-1242	36	U
PCB-1248	36	U
PCB-1254	36	**174**
PCB-1260	36	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	83	%
Decachlorobiphenyl	43	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67578
Sample: 67578-1,,A/C
Data File: M29167.D
Dilution Factor: 1.1

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	174	124	33.8	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

PCB FORM 10

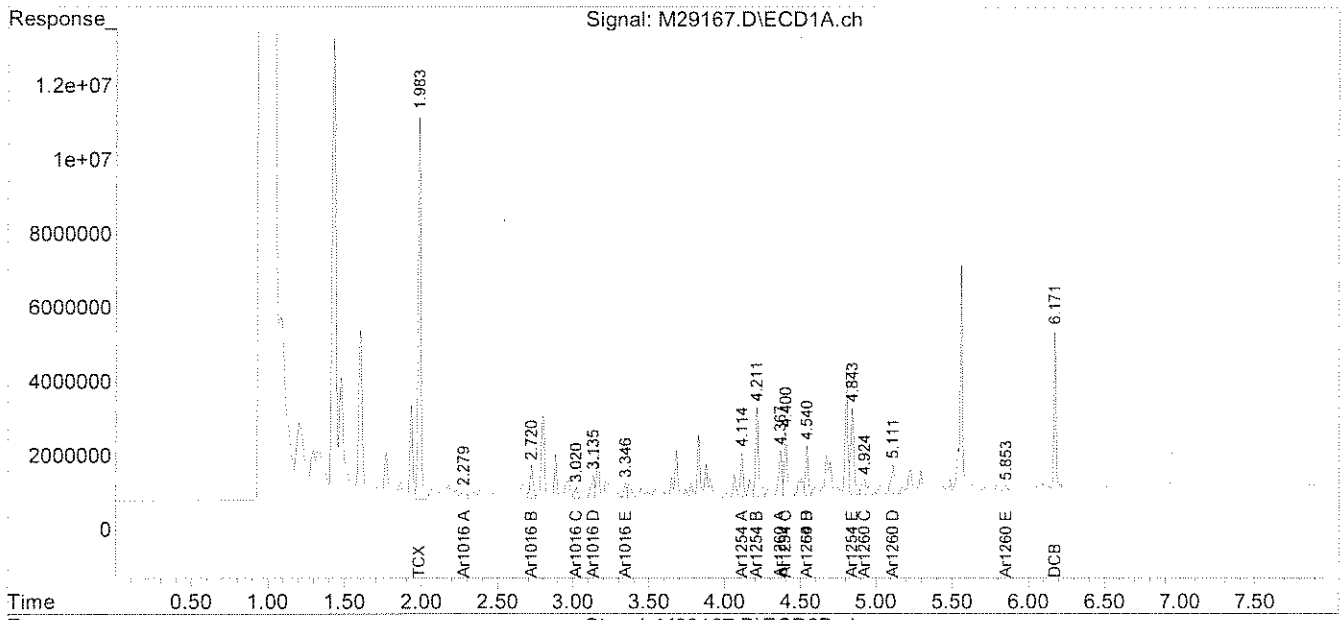
Quantitation Report (QT Reviewed)

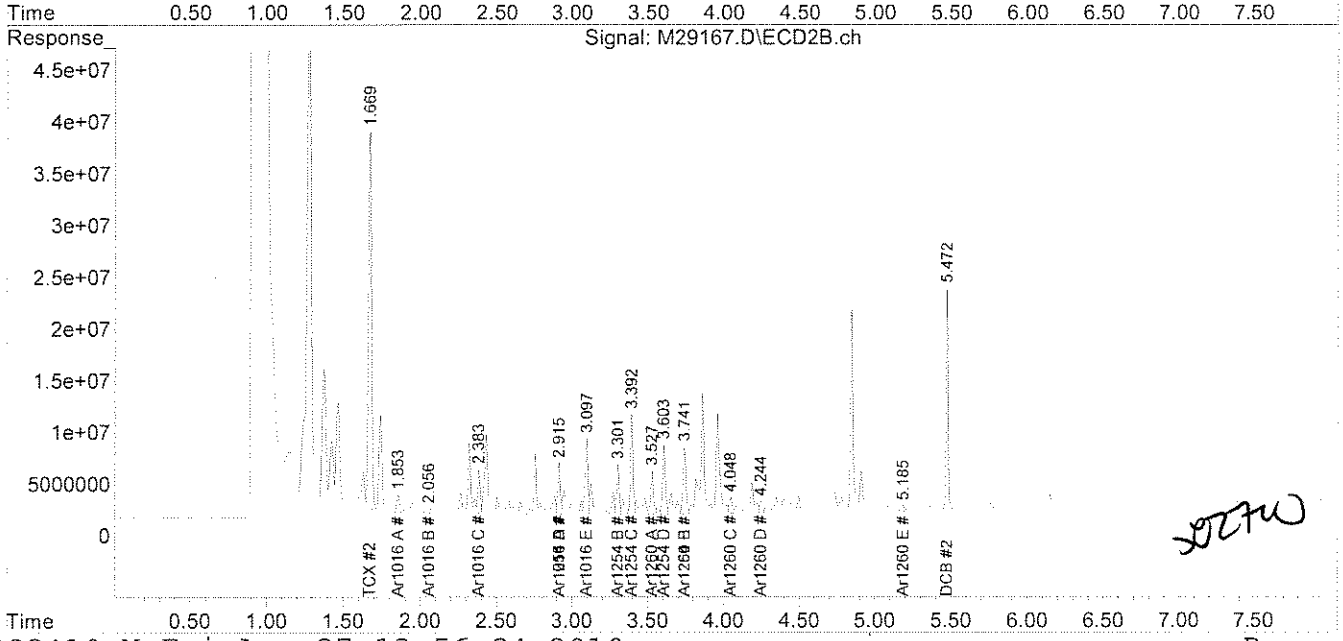
Data Path : C:\msdchem\1\DATA\082610-M\
Data File : M29167.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Aug 2010 5:00 pm
Operator : JK
Sample : 67578-1,,A/C
Misc : SOIL
ALS Vial : 19 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 27 13:56:06 2010
Quant Method : C:\msdchem\1\METHODS\PCB082410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Wed Aug 25 09:33:39 2010
Response via : Initial Calibration
Integrator: ChemStation

JK 08-27-10

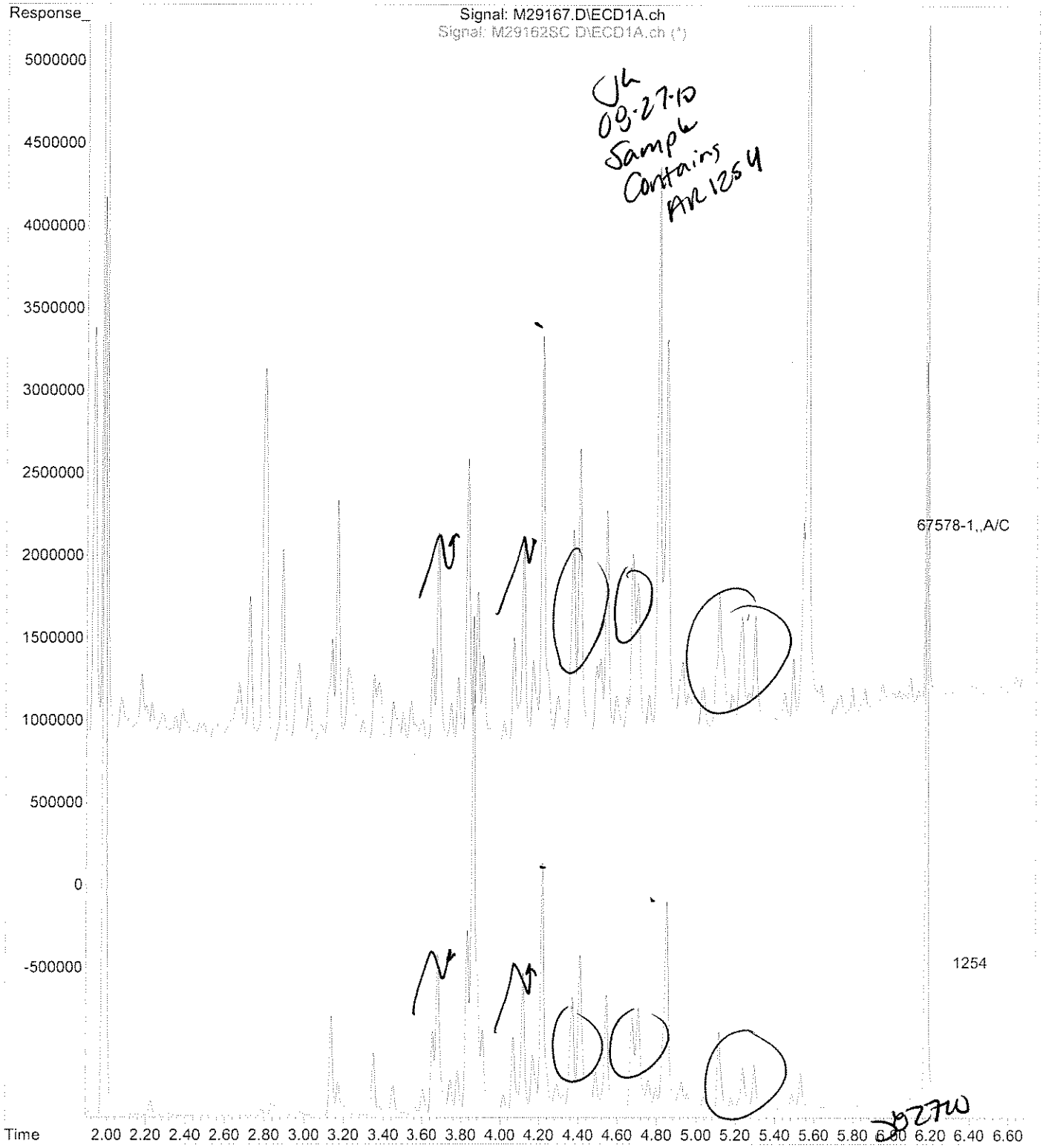
Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





SDZHW

File :C:\msdchem\1\DATA\082610-M\M29167.D
Operator : JK
Acquired : 26 Aug 2010 5:00 pm using AcqMethod PEST.M
Instrument : Instrument M
Sample Name: 67578-1,,A/C
Misc Info : SOIL
Vial Number: 19



PCB
QC FORMS

AnalyticsLLC:AEL Documents LLC:Pkg Dividers:PCBQC.doc

PCB SOIL
SYSTEM MONITORING COMPOUNDS
SUMMARY

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67578

	Column #1				Column #2			
SAMPLE ID	SMC 1 (%)	#	SMC 2 (%)	#	SMC 1 (%)	#	SMC 2 (%)	#
B082510PSOX,,A/C	88		57		73		47	
L082510PSOX,,A/C	87		58		75		47	
LD082510PSOX,,A/C	86		56		73		44	
67578-1,,A/C	83		43		72		33	*

		Lower Limit	Upper Limit
SMC #1 =	TCX	40	130
SMC #2 =	DCB	40	130

Column to be used to flag recovery values outside of QC limits
* Values outside QC limits
D System Monitoring Compound diluted out

PCB FORM 2

PCB SOIL
LABORATORY CONTROL SAMPLE/DUPLICATE
PERCENT RECOVERY

Instrument ID: M

GC Column #1: STX-CLPesticides I

Column ID: 0.25 mm

GC Column #2: STX-CLPesticides II

Column ID: 0.25 mm

SDG: 67578

Non-spiked sample: B082510PSOX,,A/C

Spike: L082510PSOX,,A/C

Spike duplicate: LD082510PSOX,,A/C

COMPOUND	LCS SPIKE ADDED (ug/kg)	LCSD SPIKE ADDED (ug/kg)	LOWER LIMIT	UPPER LIMIT	RPD LIMIT	NON-SPIKE RESULT (ug/kg)	SPIKE RESULT (ug/kg)	SPIKE % REC	#	SPIKE DUP RESULT (ug/kg)	SPIKE DUP % REC	#	RPD	#
PCB 1016	200	200	65	140	30	0	213	107		197	98		8.0	
PCB 1260	200	200	60	130	30	0	194	97		207	103		6.5	
PCB 1016 #2	200	200	65	140	30	0	204	102		200	100		2.0	
PCB 1260 #2	200	200	60	130	30	0	153	77		155	78		1.2	

Column to be used to flag recovery and RPD values outside of QC limits

* Values outside QC limits

LCS/LCSD spike added values have been weight adjusted.

Non-spike result of "0" used in place of "U" to allow calculation of spike recovery.

Comments: _____

_____

CHAIN OF CUSTODIES

Chain Of Custody Form

Analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, NH 03801
Phone (603) 436-5111
Fax (603) 430-2151

For Analytics Use Only Rev. 5 06/18/08

Samples were:
1) Shipped or hand-delivered
2) Temp blank °C 5.3°
3) Received in good condition Y or N
4) pH checked by: NA
5) Labels checked by: MT 8/25/10

Project#: 223019 Proj. Name: AMISTAD ACADEMY
Company: Woodard & Curran
Contact: GEORGE FRANKLIN / JEFF HAMEL
Address: 35 New England Business Center Suite 180
Andover, MA 01810
Phone: (978)557-8150 PO# Quote # WCI 03051001
Sampler (Signature): [signature]

Matrix Key:
C = Concrete
WP = Wipe
WW = Wastewater
SW = Surface Water
GW = Groundwater
DW = Drinking Water
S = Soil/Sludge
O = Oil
E = Extract

Container Key
P=plastic G=glass

Station Identification	Sample Date	Sample Time	Analysis	Unpres	4° C	HNO_3	H_2SO_4	HCL	Methanol	Other	Matrix	Container number/type		pH	Analytics Sample #
			Preservation												
AA-VSS-354	8/24/10	1130	PCB's by U.S. E.P.A. 8082 w/ Soxhlet Extraction		✓						S	1	G		607578-1

Received By: FEDEX Time: Date: 8/24/10
Received By: [signature] Time: 0915 Date: 08/25/10
Received By: Time: Date:

Relinquished By Sampler: [signature] Date: 8/24/10
Relinquished By: FEDEX Date: 08/25/10
Relinquished By: [signature] Date: 8/25/10

Email Results to: gfranklin, jhamel, jream

Turnaround Time (TAT)
- [x] 24hr*
- [ ] 48hr*
- [ ] 72hr*
- [ ] 5 Days*
- [ ] 10 Days

*Fee may apply; lab approval required

Comments / Instructions:
R.L. ≤1.0 mg/kg.

AS SOON AS POSSIBLE

Project Requirements:
*Fee may apply

Report Type:
- [ ] MCP*
- [x] Level II*
- [ ] CTRCP*
- [ ] Level III*
- [ ] DOD*
- [ ] Level IV*
- [ ] Standard

State:
- [ ] NH
- [ ] MA
- [ ] ME
- [x] CT
- [ ] RI

Other:

State Standard: (eg. S-1 or GW-1)

EDD Required: Y or N
Type: .XLS

Analytics\AEL Documents\AEL COC

Page 1 of 1

ANALYTICS SAMPLE RECEIPT CHECKLIST

analytics environmental laboratory LLC

AEL LAB#: 67578 COOLER NUMBER: N/A

CLIENT: WOODARD & CURRAN NUMBER OF COOLERS: 1

PROJECT: AMISTAD ACADEMY DATE RECEIVED: 08/25/10

A: PRELIMINARY EXAMINATION: DATE COOLER OPENED: 08/25/10

1. Cooler received by(initials): @ Date Received: 08/25/10

2. Circle one: Hand delivered (If so, skip 3) Shipped

3. Did cooler come with a shipping slip? Y N

3a. Enter carrier name and airbill number here: FEDEX 7989 7900 7630

4. Were custody seals on the outside of cooler? Y N
How many & where: N/A Seal Date: N/A Seal Name: N/A

5. Did the custody seals arrive unbroken and intact upon arrival? Y N/A

6. COC#: N/A

7. Were Custody papers filled out properly (ink,signed, etc)? Y N @ 082510 RELINQUISHED TIME WAS NOT COMPLETED BY SAMPLER

8. Were custody papers sealed in a plastic bag? Y N

9. Did you sign the COC in the appropriate place? Y N

10. Was the project identifiable from the COC papers? Y N

11. Was enough ice used to chill the cooler? Y ~~N~~ @ 082510 Temp. of cooler: 5.3°

B. Log-In: Date samples were logged in: 08/25/10 By: @

12. Type of packing in cooler (bubble wrap, popcorn) Y N

13. Were all bottles sealed in separate plastic bags? Y N

14. Did all bottles arrive unbroken and were labels in good condition? Y N

15. Were all bottle labels complete(ID,Date,time,etc.) Y N

16. Did all bottle labels agree with custody papers? Y N

17. Were the correct containers used for the tests indicated: Y N

18. Were samples received at the correct pH? Y N/A

19. Was sufficient amount of sample sent for the tests indicated? Y N

20. Were bubbles absent in VOA samples? Y N/A

If NO, List Sample ID's and Lab #s: _____

21. Laboratory labeling verified by (initials): lmt Date 8/25/10

From: Origin ID: BNHA (203) 271-0379
Jesse Ream
WOODARD & CURRAN INC
1520 HIGHLAND AVENUE

CHESHIRE, CT 06410

J102010006098225

Ship Date: 24AUG10
ActWgt: 20.0 LB
CAD: 2185050/INET3060

Delivery Address Bar Code

SHIP TO: (603) 436-5111 BILL SENDER

Analytics Enviro Labs, LLC
Analytics Enviro Labs, LLC
195 COMMERCE WAY UNIT E

PORTSMOUTH, NH 03801

Ref # 223019.00
Invoice #
PO #
Dept #

TRK# 0201 7989 7900 7630

WED - 25 AUG A2
PRIORITY OVERNIGHT

03801
NH-US
MHT

03 IGGA

588G433D6/9A24

After printing this label:
1. Use the 'Print' button on this page to print your label to your laser or inkjet printer.
2. Fold the printed page along the horizontal line.
3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

Warning: Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com.FedEx will not be responsible for any claim in excess of $100 per package, whether the result of loss, damage, delay, non-delivery,misdelivery,or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim.Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic valueof the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental,consequential, or special is limited to the greater of $100 or the authorized declared value. Recovery cannot exceed actual documented loss.Maximum for items of extraordinary value is $500, e.g. jewelry, precious metals, negotiable instruments and other items listed in our ServiceGuide. Written claims must be filed within strict time limits, see current FedEx Service Guide.

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

August 30, 2010

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

RE: Analytical Results Case Narrative
Analytics # 67591
AMISTAD ACADEMY

Dear Mr. Franklin;

Enclosed please find the analytical results for samples submitted for the above-mentioned project. The attached Cover Page lists the sample IDs, Lab tracking numbers and collection dates for the samples included in this deliverable.

Samples were analyzed Polychlorinated Biphenyls (PCBs) by EPA Method 8082.

Unless otherwise noted in the Non-conformance Summary listed below, all of the quality control (QC) criteria including initial calibration, calibration verification, surrogate recovery, holding time and method accuracy/precision for these analyses were within acceptable limits.

This Level II data package has been assembled in the following order:

Case Narrative/Non-Conformance Summary
Sample Log Sheet - Cover Page
PCB Form 1 Data Sheet for Samples and Blanks
Chromatograms
PCB Form 10 Confirmation Results
PCB Form 3 MS/MSD (LCS) Recoveries
Chain of Custody (COC) Forms

QC NON-CONFORMANCE SUMMARY

Sample Receipt:
No exceptions.

PCBs by EPA Method 8082:
No results were reported below the quantitation limit.

The closing continuing calibration standard (file#M29211SC and M29212SC) had some low recoveries on column#2. Column #1 was in control for all analytes. Results were reported without qualification.

If you have any questions on these results, please do not hesitate to contact me.

Sincerely,
ANALYTICS Environmental Laboratory, LLC

Stephen L. Knollmeyer
Laboratory Director

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

Report Number: 67591

Revision: Rev. 0

Re: Amistad Academy (Project No: 223019)

Enclosed are the results of the analyses on your sample(s). Samples were received on 26 August 2010 and analyzed for the tests listed. Samples were received in acceptable condition, with the exceptions noted below or on the chain of custody. These results pertain to samples as received by the laboratory and for the analytical tests requested on the chain of custody. The results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report. Please see individual reports for specific methodologies and references.

Lab Number	Sample Date	Station Location	Analysis	Comments
67591-1	08/25/10	AA-VSS-355	EPA 8082 (PCBs only)	
67591-2	08/25/10	AA-VSS-356	EPA 8082 (PCBs only)	
67591-3	08/25/10	AA-VSS-357	Electronic Data Deliverable	
	08/25/10	AA-VSS-357	EPA 8082 (PCBs only)	

Sample Receipt Exceptions: None

Analytics Environmental Laboratory is certified by the states of New Hampshire, Maine, Massachusetts, Connecticut, Rhode Island, Virginia, Maryland, and is accredited by the Deparment of Defense (DOD) ELAP program. A list of actual certified parameters is available upon request.

If you have any questions on these results, please do not hesitate to contact us.

Authorized signature _____
Stephen L. Knollmeyer Lab. Director

Date 08/30/2010

This report shall not be reproduced, except in full, without the written consent of Analytics Environmental Laboratory, LLC.

Surrogate Compound Limits

Matrix:	Aqueous	Solid	
Units:	% Recovery	% Recovery	Method
Volatile Organic Compounds - Drinking Water			
1,4-Difluorobenzene	70-130		EPA 524.2
Bromofluorobenzene	70-130		
1,2-Dichlorobenzene-d4	70-130		
Volatile Organic Compounds			
1,2-Dichloroethane-d4	70-120	70-120	EPA 624/8260B
Toluene-d8	85-120	85-120	
Bromofluorobenzene	75-120	75-120	
Semi-Volatile Organic Compounds			
2-Fluorophenol	20-110	35-105	EPA 625/8270C
d5-Phenol	15-110	40-100	
d5-nitrobenzene	40-110	35-100	
2-Fluorobiphenyl	50-110	45-105	
2,4,6-Tribromophenol	40-110	40-125	
d14-p-terphenyl	50-130	30-125	
PAH's by SIM			
d5-nitrobenzene	21-110	35-110	EPA 8270C
2-Fluorobiphenyl	36-121	45-105	
d14-p-terphenyl	33-141	30-125	
Pesticides and PCBs			
2,4,5,6-Tetrachloro-m-xylene (TCX)	46-122	40-130	EPA 608/8082
Decachlorobiphenyl (DCB)	40-135	40-130	
Herbicides			
Dichloroacetic acid (DCAA)	30-150	30-150	
Gasoline Range Organics/TPH Gasoline			
Trifluorotoluene TFT (FID)	60-140	60-140	MEDEP 4217/EPA 8015
Bromofluorobenzene (BFB) (FID)	60-140	60-140	
Trifluorotoluene TFT (PID)	60-140	60-140	
Bromofluorobenzene (BFB) (PID)	60-140	60-140	
Diesel Range Organics/TPH Diesel			
m-terphenyl	60-140	60-140	MEDEP 4125/EPA 8015/CT ETPH
Volatile Petroleum Hydrocarbons			
2,5-Dibromotoluene (PID)	70-130	70-130	MADEP VPH May 2004 Rev1.1
2,5-Dibromotoluene (FID)	70-130	70-130	
Extracatable Petroleum Hydrocarbons			
1-chloro-octadecane (aliphatic)	40-140	40-140	MADEP EPH May 2004 Rev1.1
o-Terphenyl (aromatic)	40-140	40-140	
2-Fluorobiphenyl (Fractionation)	40-140	40-140	
2-Bromonaphthalene (fractionation)	40-140	40-140	

PCB
DATA SUMMARIES

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 30, 2010

SAMPLE DATA

Lab Sample ID: B082610PSOX
Matrix: Soil
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date:
Lab Receipt Date:
Extraction Date: 08/26/10
Analysis Date: 08/27/10

CLIENT SAMPLE ID

Project Name: Amistad Academy
Project Number: 223019
Field Sample ID: Lab QC

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	95	%
Decachlorobiphenyl	61	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB Report

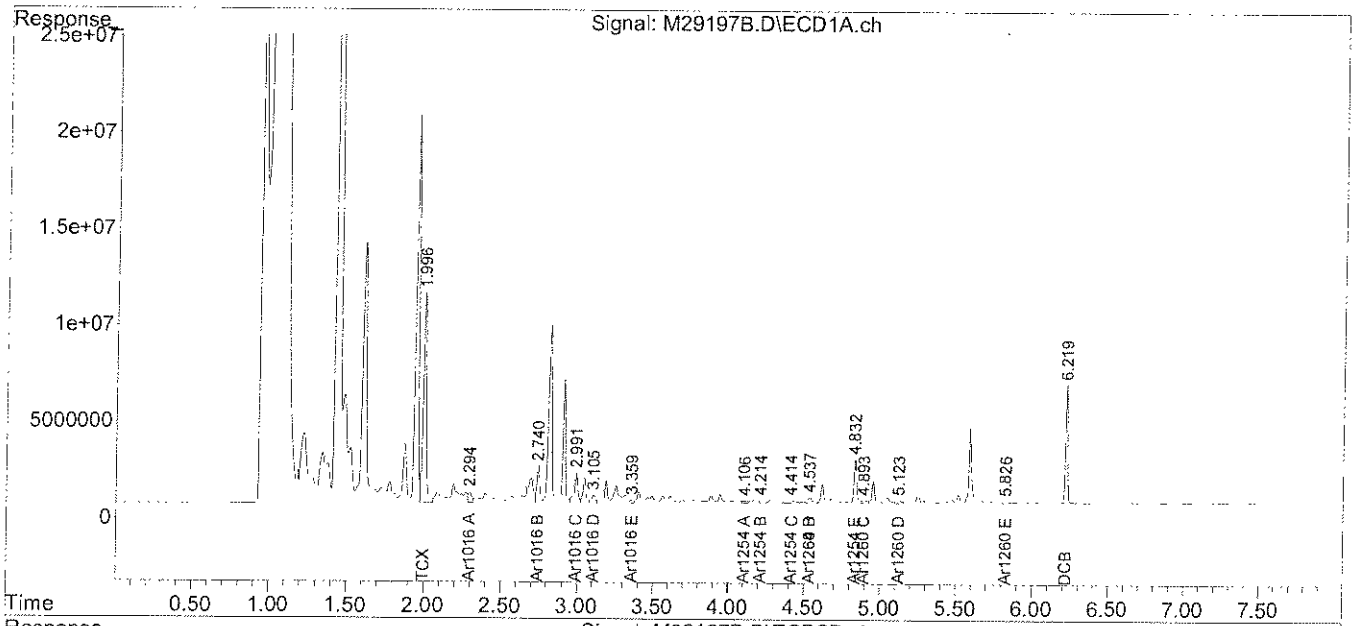
Authorized signature

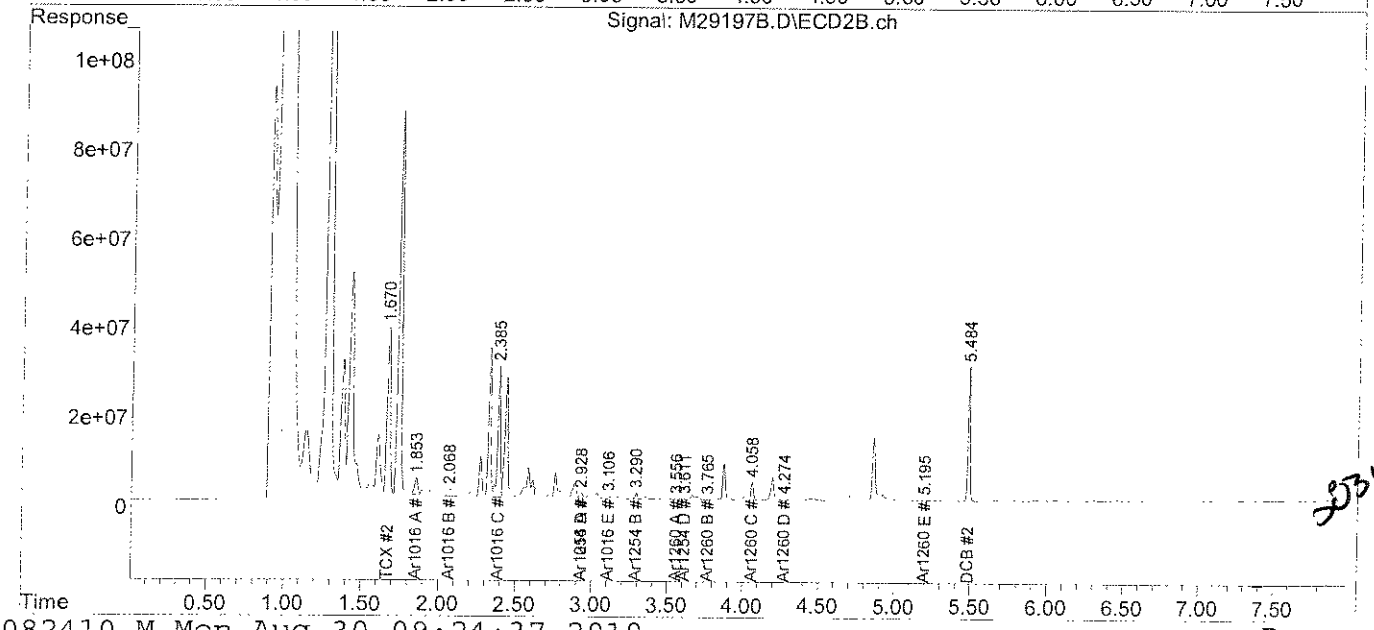
Data Path : C:\msdchem\1\DATA\082710-M\
Data File : M29197B.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Aug 2010 12:36 pm
Operator : JK
Sample : B082610PSOX,,A/C
Misc : SOIL
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 30 09:24:37 2010
Quant Method : C:\msdchem\1\METHODS\PCB082410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Wed Aug 25 09:33:39 2010
Response via : Initial Calibration
Integrator: ChemStation

JL 083010

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





23W1

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 30, 2010

SAMPLE DATA

Lab Sample ID: 67591-1
Matrix: Solid
Percent Solid: 94
Dilution Factor: 1.0
Collection Date: 08/25/10
Lab Receipt Date: 08/26/10
Extraction Date: 08/26/10
Analysis Date: 08/27/10

CLIENT SAMPLE ID

Project Name: Amistad Academy
Project Number: 223019
Field Sample ID: AA-VSS-355

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	**579**
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	91	%
Decachlorobiphenyl	58	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67591
Sample: 67591-1,,A/C
Data File: M29200.D
Dilution Factor: 1.0

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	579	479	19.0	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

PCB FORM 10

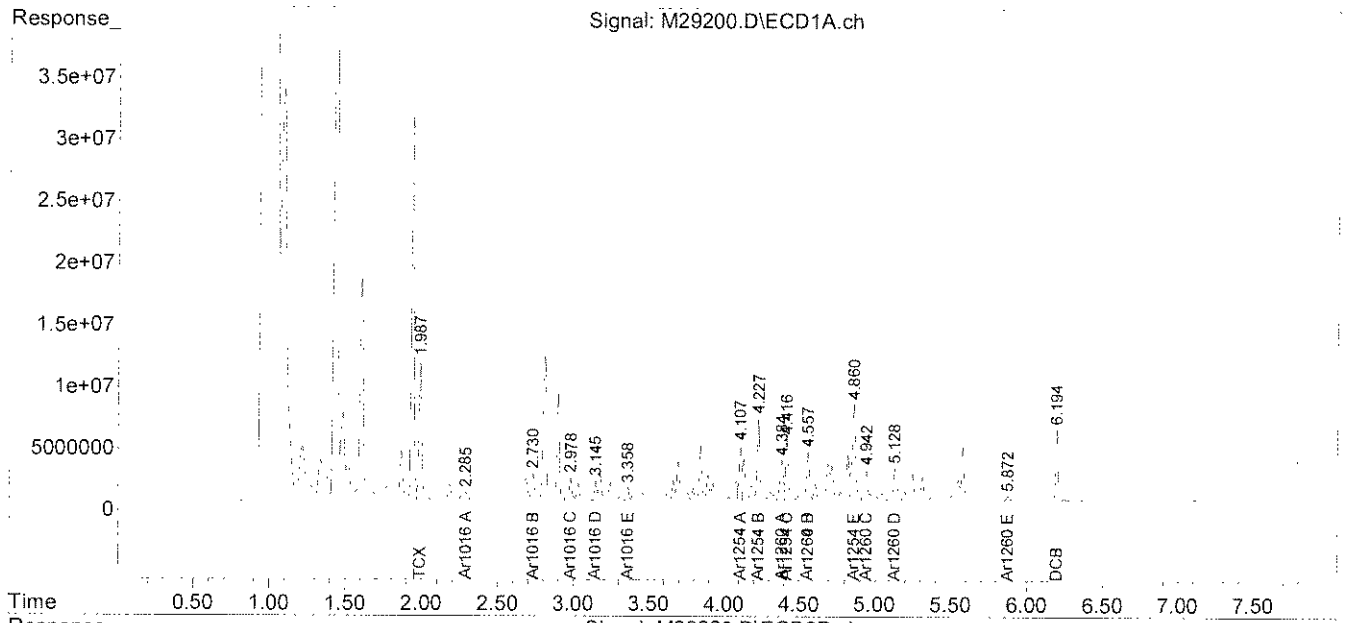
Quantitation Report (Not Reviewed)

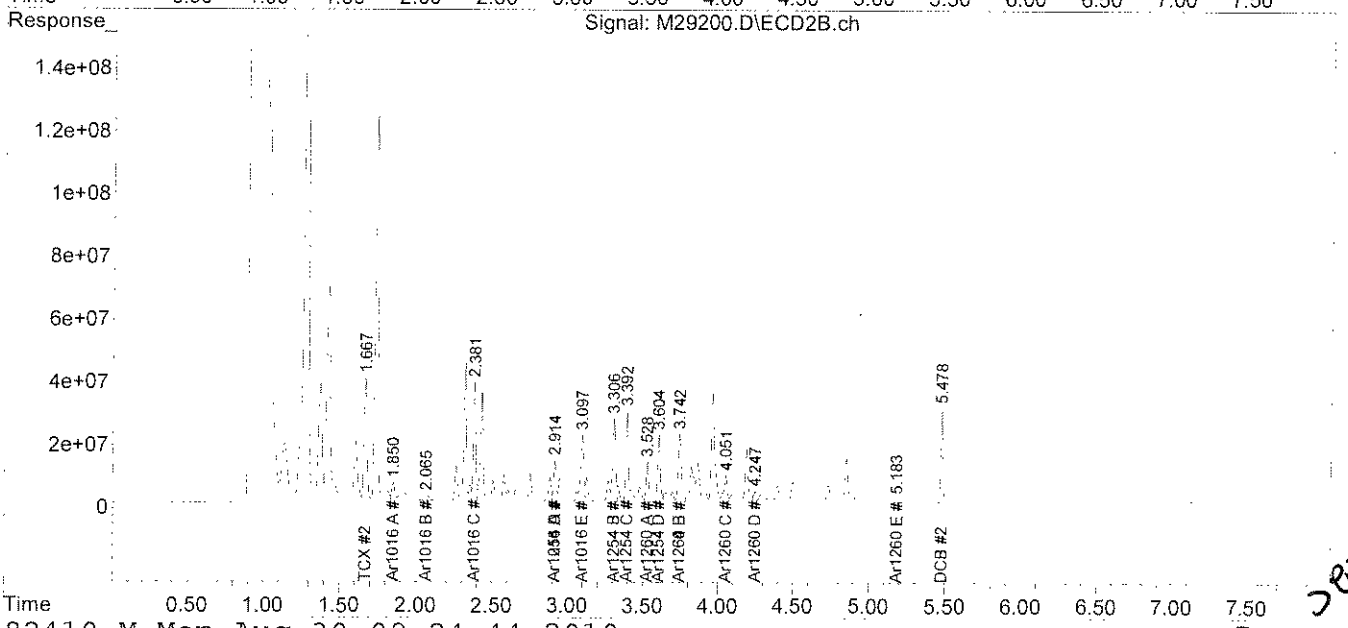
Data Path : C:\msdchem\1\DATA\082710-M\
Data File : M29200.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Aug 2010 1:07 pm
Operator : JK
Sample : 67591-1,,A/C
Misc : SOIL
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 30 09:24:44 2010
Quant Method : C:\msdchem\1\METHODS\PCB082410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Wed Aug 25 09:33:39 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um

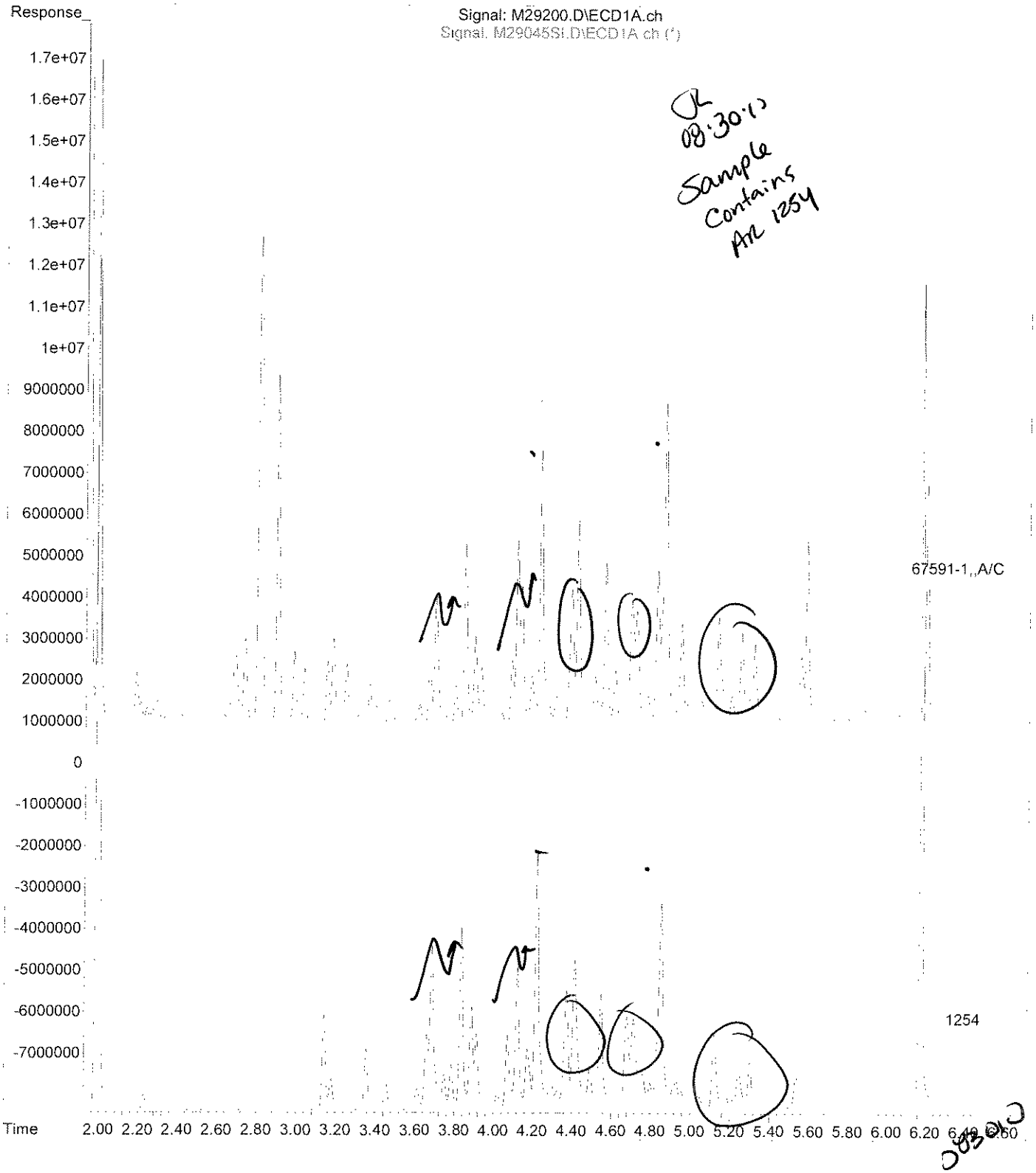
JL 08-30-10





083010

File :C:\msdchem\1\DATA\082710-M\M29200.D
Operator : JK
Acquired : 27 Aug 2010 1:07 pm using AcqMethod PEST.M
Instrument : Instrument M
Sample Name: 67591-1,,A/C
Misc Info : SOIL
Vial Number: 9



analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 30, 2010

SAMPLE DATA

Lab Sample ID:	67591-2
Matrix:	Solid
Percent Solid:	97
Dilution Factor:	1.0
Collection Date:	08/25/10
Lab Receipt Date:	08/26/10
Extraction Date:	08/26/10
Analysis Date:	08/27/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-356

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	**624**
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	94	%
Decachlorobiphenyl	61	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67591
Sample: 67591-2
Data File: M29201.D
Dilution Factor: 1.0

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	624	461	30.1	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

PCB FORM 10

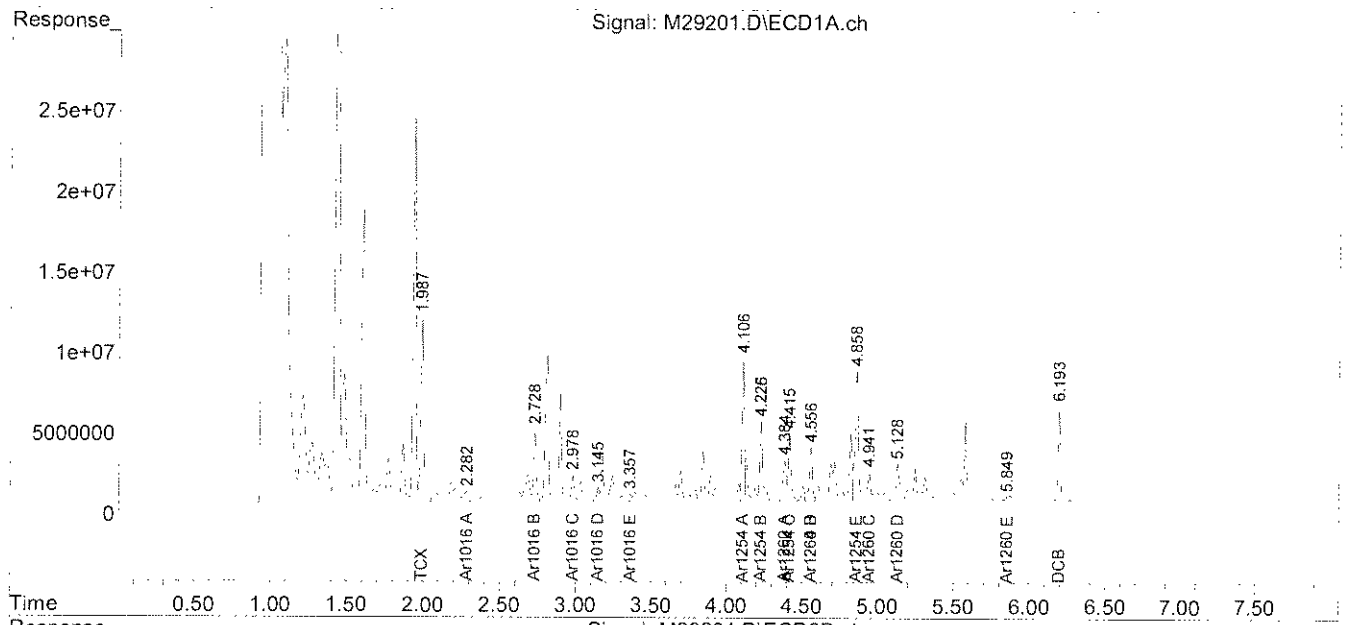
Quantitation Report (QT Reviewed)

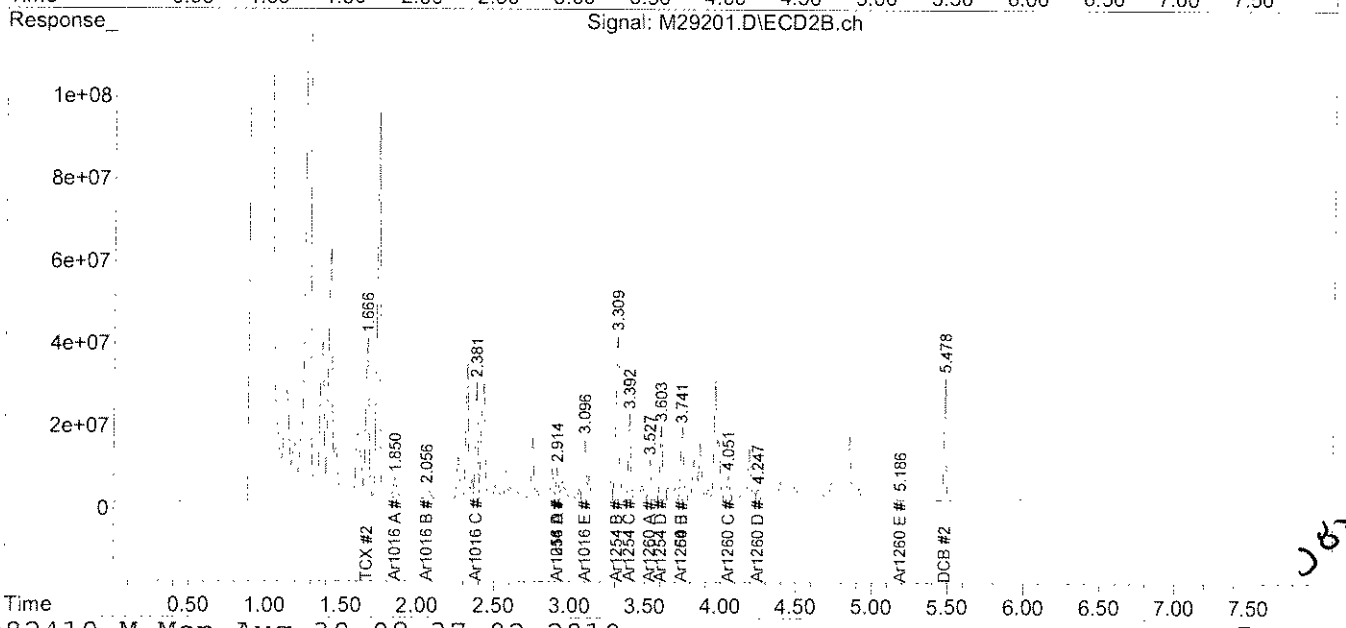
Data Path : C:\msdchem\1\DATA\082710-M\
Data File : M29201.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Aug 2010 1:17 pm
Operator : JK
Sample : 67591-2
Misc : SOIL
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 30 09:36:42 2010
Quant Method : C:\msdchem\1\METHODS\PCB082410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Wed Aug 25 09:33:39 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um

08-30-10





J6340

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 30, 2010

SAMPLE DATA

Lab Sample ID:	67591-3
Matrix:	Solid
Percent Solid:	94
Dilution Factor:	1.0
Collection Date:	08/25/10
Lab Receipt Date:	08/26/10
Extraction Date:	08/26/10
Analysis Date:	08/27/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VSS-357

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	**359**
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	88	%
Decachlorobiphenyl	59	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67591
Sample: 67591-3
Data File: M29202.D
Dilution Factor: 1.0

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	359	335	6.7	

Column to be used to flag RPD values greater than QC limit of 40%
* Values outside QC limits

Comments: _____

PCB FORM 10

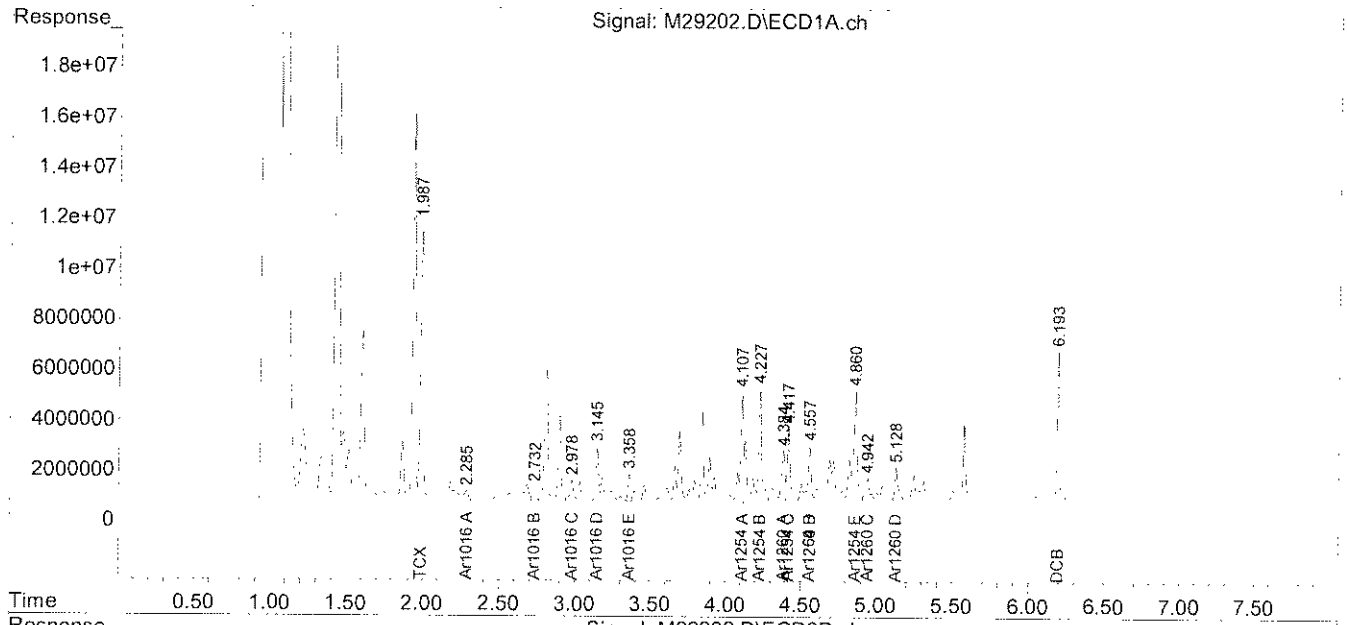
Quantitation Report (QT Reviewed)

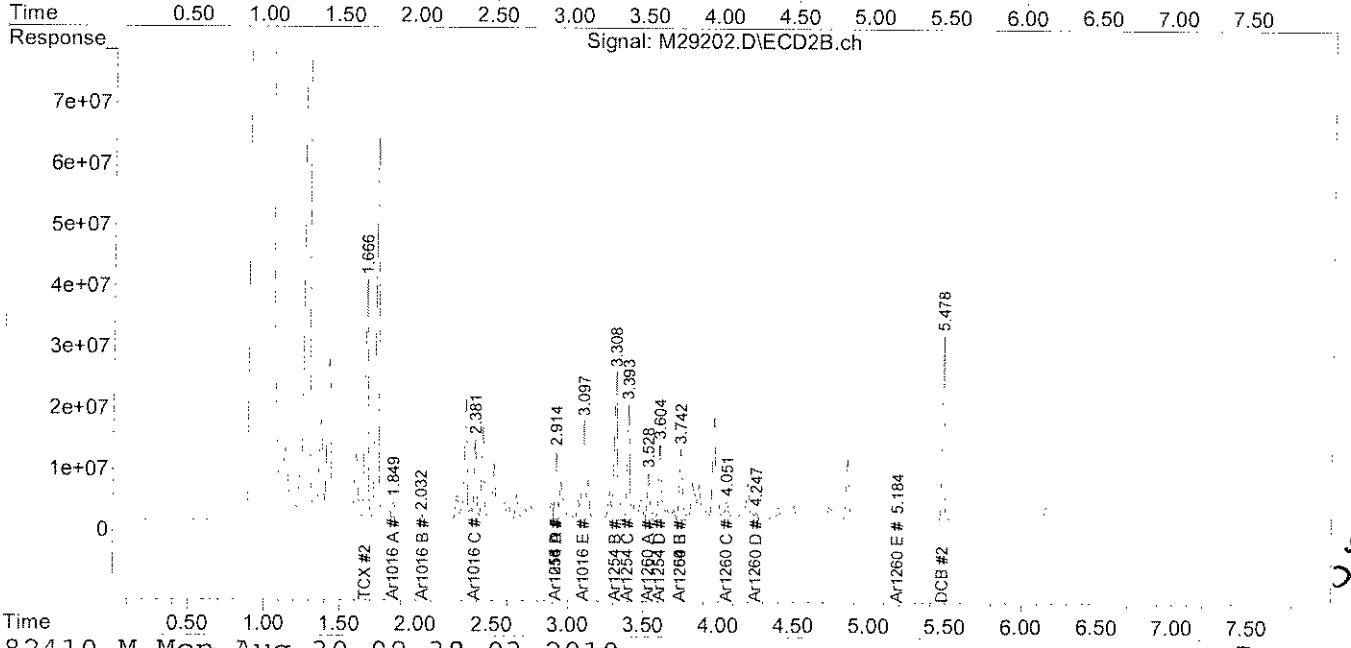
Data Path : C:\msdchem\1\DATA\082710-M\
Data File : M29202.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Aug 2010 1:27 pm
Operator : JK
Sample : 67591-3
Misc : SOIL
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 30 09:37:50 2010
Quant Method : C:\msdchem\1\METHODS\PCB082410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Wed Aug 25 09:33:39 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um

JL 08-30-10





JL 08-30-10

PCB
QC FORMS

AnalyticsLLC:AEL Documents LLC:Pkg Dividers:PCBQC.doc

PCB SOIL
SYSTEM MONITORING COMPOUNDS
SUMMARY

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67591

	Column #1				Column #2			
SAMPLE ID	SMC 1 (%)	#	SMC 2 (%)	#	SMC 1 (%)	#	SMC 2 (%)	#
B082610PSOX,,A/C	95		61		76		46	
L082610PSOX2,,A/C	91		59		70		43	
LD082610PSOX2,,A/C	87		58		70		44	
67591-1,,A/C	91		58		72		46	
67591-2	94		61		74		46	
67591-3	88		59		76		46	

		Lower Limit	Upper Limit
SMC #1 =	TCX	40	130
SMC #2 =	DCB	40	130

Column to be used to flag recovery values outside of QC limits
* Values outside QC limits
D System Monitoring Compound diluted out

PCB FORM 2

PCB SOIL
LABORATORY CONTROL SAMPLE/DUPLICATE
PERCENT RECOVERY

Instrument ID: M

GC Column #1: STX-CLPesticides I

Column ID: 0.25 mm

GC Column #2: STX-CLPesticides II

Column ID: 0.25 mm

SDG: 67591

Non-spiked sample: B082610PSOX,,A/C

Spike: L082610PSOX2,,A/C

Spike duplicate: LD082610PSOX2,,A/C

COMPOUND	LCS SPIKE ADDED (ug/kg)	LCSD SPIKE ADDED (ug/kg)	LOWER LIMIT	UPPER LIMIT	RPD LIMIT	NON-SPIKE RESULT (ug/kg)	SPIKE RESULT (ug/kg)	SPIKE % REC	#	SPIKE DUP RESULT (ug/kg)	SPIKE DUP % REC	#	RPD	#
PCB 1016	200	200	65	140	30	0	222	111		204	102		8.4	
PCB 1260	200	200	60	130	30	0	233	116		194	97		18.2	
PCB 1016 #2	200	200	65	140	30	0	210	105		182	91		14.7	
PCB 1260 #2	200	200	60	130	30	0	164	82		151	75		8.5	

Column to be used to flag recovery and RPD values outside of QC limits

* Values outside QC limits

LCS/LCSD spike added values have been weight adjusted.

Non-spike result of "0" used in place of "U" to allow calculation of spike recovery.

Comments: _____

_____

PCB FORM 3

CHAIN OF CUSTODIES

Chain Of Custody Form

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, NH 03801
Phone (603) 436-5111
Fax (603) 430-2151

For Analytics Use Only Rev. 5 06/18/08

Samples were:
1) Shipped or hand-delivered
2) Temp blank °C 4°
3) Received in good condition Y or N
4) pH checked by: N/A
5) Labels checked by: 8/26/10

Project#: 223019 Proj. Name: AMISTAD ACADEMY
Company: Woodard & Curran
Contact: GEORGE FRANKLIN / JEFF HAMEL
Address: 35 New England Business Center Suite 180
Andover, MA 01810
Phone: (978)557-8150 PO# Quote # WCI03051001
Sampler (Signature): Jesse Aberly

Matrix Key:
C = Concrete
WP = Wipe
WW = Wastewater
SW = Surface Water
GW = Groundwater
DW = Drinking Water
S = Soil/Sludge
O = Oil
E = Extract

Container Key
P=plastic G=glass

Preservation

Station Identification	Sample Date	Sample Time	Analysis	Unpres	4° C	HNO_3	H_2SO_4	HCL	Methanol	Other	Matrix	Container number/type		pH	Analytics Sample #
AA-VSS-355	8/25/10	0940	PCB's by U.S.		✓						S	1	G		67591 - 1
AA-VSS-356	↓	0945	EPA 8082		✓						S	1	G		2
AA-VSS-357	↓	0950	w/ Soxhlet Extraction		✓						S	1	G		3

JB 8/26/10

Received By: FEDEX Time: Date: 8/25/10
Received By: [signature] Time: 0915 Date: 08/26/10
Received By: Time: Date:

Relinquished By Sampler: Jesse Aberly
Relinquished By: FEDEX
Relinquished By: 08/26/10 @

Email Results to: gfranklin, jhamel, jream

Comments / Instructions:
R.L. ≤1.0 mg/kg.

Turnaround Time (TAT)
- [ ] 24hr*
- [x] 48hr* ASAP
- [ ] 72hr*
- [ ] 5 Days*
- [ ] 10 Days

*Fee may apply; lab approval required

Project Requirements:
*Fee may apply

Report Type:
- [ ] MCP*
- [x] Level II*
- [ ] CTRCP*
- [ ] Level III*
- [ ] DOD*
- [ ] Level IV*
- [ ] Standard

State:
- [ ] NH
- [ ] MA
- [ ] ME
- [x] CT
- [ ] RI

Other:

State Standard:
(eg. S-1 or GW-1)

EDD Required: Y* N
Type: x/s

Analytics\AEL Documents\AEL COC

Page 1 of 1

ANALYTICS SAMPLE RECEIPT CHECKLIST

analytics environmental laboratory LLC

AEL LAB#: 67591 COOLER NUMBER: N/A

CLIENT: WOODARD & CURRAN NUMBER OF COOLERS: 1

PROJECT: ANISTAD ACADEMY DATE RECEIVED: 08/26/10

A: PRELIMINARY EXAMINATION: DATE COOLER OPENED: 08/26/10

1. Cooler received by(initials): [illegible] Date Received: 08/26/10

2. Circle one: Hand delivered (If so, skip 3) Shipped

3. Did cooler come with a shipping slip? Y N

3a. Enter carrier name and airbill number here: FEDEX 7938 5132 4233

4. Were custody seals on the outside of cooler? Y N
How many & where: N/A Seal Date: N/A Seal Name: N/A

5. Did the custody seals arrive unbroken and intact upon arrival? Y N/A

6. COC#: N/A

7. Were Custody papers filled out properly (ink,signed, etc)? Y N

8. Were custody papers sealed in a plastic bag? Y N

9. Did you sign the COC in the appropriate place? Y N

10. Was the project identifiable from the COC papers? Y N

RELINQUISHED TIME OMITTED FROM CHAIN BY SAMPLER

11. Was enough ice used to chill the cooler? Y N Temp. of cooler: 4°

B. Log-In: Date samples were logged in: 08/26/10 By: [illegible]

12. Type of packing in cooler(bubble wrap, popcorn) Y N

13. Were all bottles sealed in separate plastic bags? Y N

14. Did all bottles arrive unbroken and were labels in good condition? Y N

15. Were all bottle labels complete(ID,Date,time,etc.) Y N

16. Did all bottle labels agree with custody papers? Y N

17. Were the correct containers used for the tests indicated: Y N

18. Were samples received at the correct pH? Y N/A

19. Was sufficient amount of sample sent for the tests indicated? Y N

20. Were bubbles absent in VOA samples? Y N/A

If NO, List Sample ID's and Lab #s:

21. Laboratory labeling verified by (initials): [illegible] Date: 8-26-10

From: Origin ID: BNHA (203) 27 t-0379
Jesse Ream
WOODARD & CURRAN INC
t520 HIGHLAND AVENUE

CHESHIRE, CT 06410

FedEx Express

J10201008090225

Ship Date: 25AUG t0
ActWgt: t5.0 LB
CAD: 2 t85050/INET3060

Delivery Address Bar Code

SHIP TO: (603) 436-51 t t BILL SENDER

Analytics Enviro Labs, LLC
Analytics Enviro Labs, LLC
195 COMMERCE WAY UNIT E

PORTSMOUTH, NH 03801

Ref # 223019.00
Invoice #
PO #
Dept #

TRK# 0201 7938 5132 4233

THU - 26 AUG A2
PRIORITY OVERNIGHT

03801
NH-US
MHT

03 IGGA

508G4/33D6/9A24

After printing this label:
1. Use the 'Print' button on this page to print your label to your laser or inkjet printer.
2. Fold the printed page along the horizontal line.
3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

Warning: Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com.FedEx will not be responsible for any claim in excess of $100 per package, whether the result of loss, damage, delay, non-delivery,misdelivery,or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim.Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic valueof the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental,consequential, or special is limited to the greater of $100 or the authorized declared value. Recovery cannot exceed actual documented loss.Maximum for items of extraordinary value is $500, e.g. jewelry, precious metals, negotiable instruments and other items listed in our ServiceGuide. Written claims must be filed within strict time limits, see current FedEx Service Guide.

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

August 31, 2010

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

RE: Analytical Results Case Narrative
Analytics # 67614
AMISTAD ACADEMY

Dear Mr. Franklin;

Enclosed please find the analytical results for samples submitted for the above-mentioned project. The attached Cover Page lists the sample IDs, Lab tracking numbers and collection dates for the samples included in this deliverable.

Samples were analyzed Polychlorinated Biphenyls (PCBs) by EPA Method 8082.

Unless otherwise noted in the Non-conformance Summary listed below, all of the quality control (QC) criteria including initial calibration, calibration verification, surrogate recovery, holding time and method accuracy/precision for these analyses were within acceptable limits.

This Level II data package has been assembled in the following order:

Case Narrative/Non-Conformance Summary
Sample Log Sheet - Cover Page
PCB Form 1 Data Sheet for Samples and Blanks
Chromatograms
PCB Form 10 Confirmation Results
PCB Form 3 MS/MSD (LCS) Recoveries
Chain of Custody (COC) Forms

QC NON-CONFORMANCE SUMMARY

Sample Receipt:
No exceptions.

PCBs by EPA Method 8082:
No results were reported below the quantitation limit.

The closing continuing calibration standard (file#M29335SC and M29336SC) had some low recoveries on column#2. Column #1 was in control for all analytes. Results were reported without qualification.

If you have any questions on these results, please do not hesitate to contact me.

Sincerely,
ANALYTICS Environmental Laboratory, LLC

Stephen L. Knollmeyer
Laboratory Director

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

Report Number: 67614

Revision: Rev. 0

Re: Amistad Academy (Project No: 223019)

Enclosed are the results of the analyses on your sample(s). Samples were received on 27 August 2010 and analyzed for the tests listed. Samples were received in acceptable condition, with the exceptions noted below or on the chain of custody. These results pertain to samples as received by the laboratory and for the analytical tests requested on the chain of custody. The results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report. Please see individual reports for specific methodologies and references.

Lab Number	Sample Date	Station Location	Analysis	Comments
67614-1	08/26/10	AA-VCC-358	Electronic Data Deliverable	
	08/26/10	AA-VCC-358	EPA 8082 (PCBs only)	

Sample Receipt Exceptions: None

Analytics Environmental Laboratory is certified by the states of New Hampshire, Maine, Massachusetts, Connecticut, Rhode Island, Virginia, Maryland, and is accredited by the Deparment of Defense (DOD) ELAP program. A list of actual certified parameters is available upon request.

If you have any questions on these results, please do not hesitate to contact us.

Authorized signature _____
Stephen L. Knollmeyer Lab. Director

Date 08/31/2010

This report shall not be reproduced, except in full, without the written consent of Analytics Environmental Laboratory, LLC.

Surrogate Compound Limits

Matrix:	Aqueous	Solid	
Units:	% Recovery	% Recovery	Method
Volatile Organic Compounds - Drinking Water			
1,4-Difluorobenzene	70-130		EPA 524.2
Bromofluorobenzene	70-130		
1,2-Dichlorobenzene-d4	70-130		
Volatile Organic Compounds			
1,2-Dichloroethane-d4	70-120	70-120	EPA 624/8260B
Toluene-d8	85-120	85-120	
Bromofluorobenzene	75-120	75-120	
Semi-Volatile Organic Compounds			
2-Fluorophenol	20-110	35-105	EPA 625/8270C
d5-Phenol	15-110	40-100	
d5-nitrobenzene	40-110	35-100	
2-Fluorobiphenyl	50-110	45-105	
2,4,6-Tribromophenol	40-110	40-125	
d14-p-terphenyl	50-130	30-125	
PAH's by SIM			
d5-nitrobenzene	21-110	35-110	EPA 8270C
2-Fluorobiphenyl	36-121	45-105	
d14-p-terphenyl	33-141	30-125	
Pesticides and PCBs			
2,4,5,6-Tetrachloro-m-xylene (TCX)	46-122	40-130	EPA 608/8082
Decachlorobiphenyl (DCB)	40-135	40-130	
Herbicides			
Dichloroacetic acid (DCAA)	30-150	30-150	
Gasoline Range Organics/TPH Gasoline			
Trifluorotoluene TFT (FID)	60-140	60-140	MEDEP 4217/EPA 8015
Bromofluorobenzene (BFB) (FID)	60-140	60-140	
Trifluorotoluene TFT (PID)	60-140	60-140	
Bromofluorobenzene (BFB) (PID)	60-140	60-140	
Diesel Range Organics/TPH Diesel			
m-terphenyl	60-140	60-140	MEDEP 4125/EPA 8015/CT ETPH
Volatile Petroleum Hydrocarbons			
2,5-Dibromotoluene (PID)	70-130	70-130	MADEP VPH May 2004 Rev1.1
2,5-Dibromotoluene (FID)	70-130	70-130	
Extracatable Petroleum Hydrocarbons			
1-chloro-octadecane (aliphatic)	40-140	40-140	MADEP EPH May 2004 Rev1.1
o-Terphenyl (aromatic)	40-140	40-140	
2-Fluorobiphenyl (Fractionation)	40-140	40-140	
2-Bromonaphthalene (fractionation)	40-140	40-140	

PCB
DATA SUMMARIES

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 31, 2010

SAMPLE DATA

Lab Sample ID: B083010PSOX
Matrix: Soil
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date:
Lab Receipt Date:
Extraction Date: 08/30/10
Analysis Date: 08/31/10

CLIENT SAMPLE ID

Project Name: Amistad Academy
Project Number: 223019
Field Sample ID: Lab QC

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	90	%
Decachlorobiphenyl	61	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

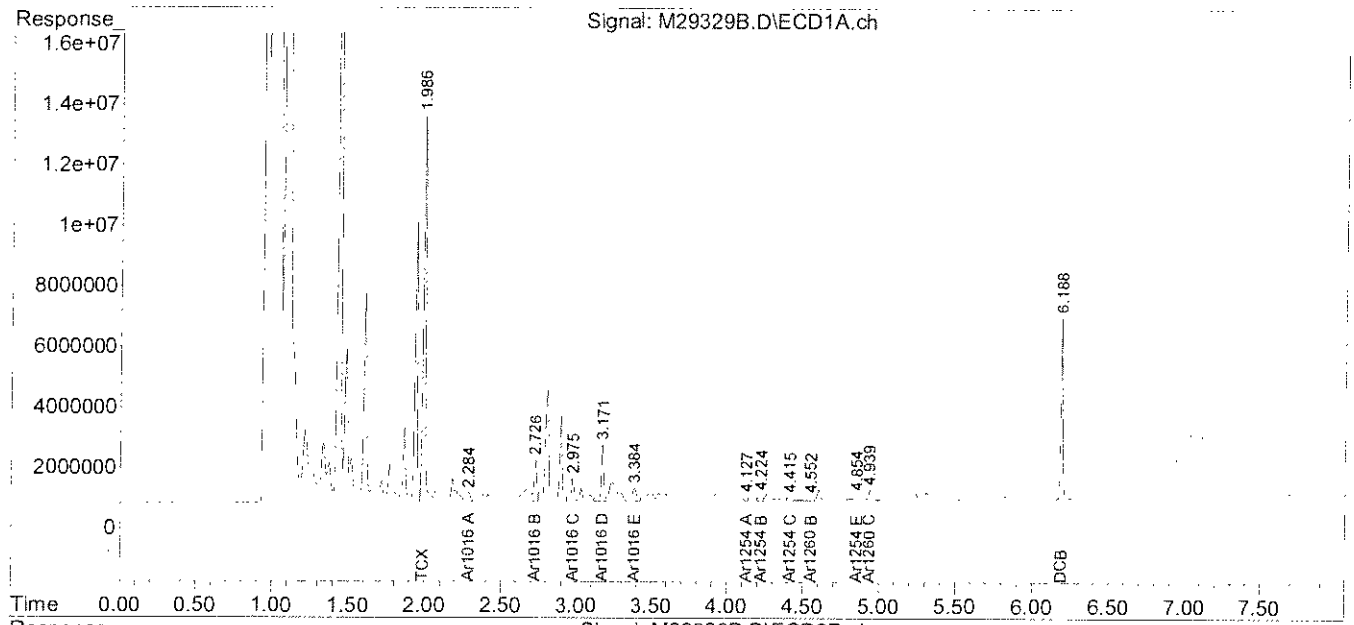
Authorized signature

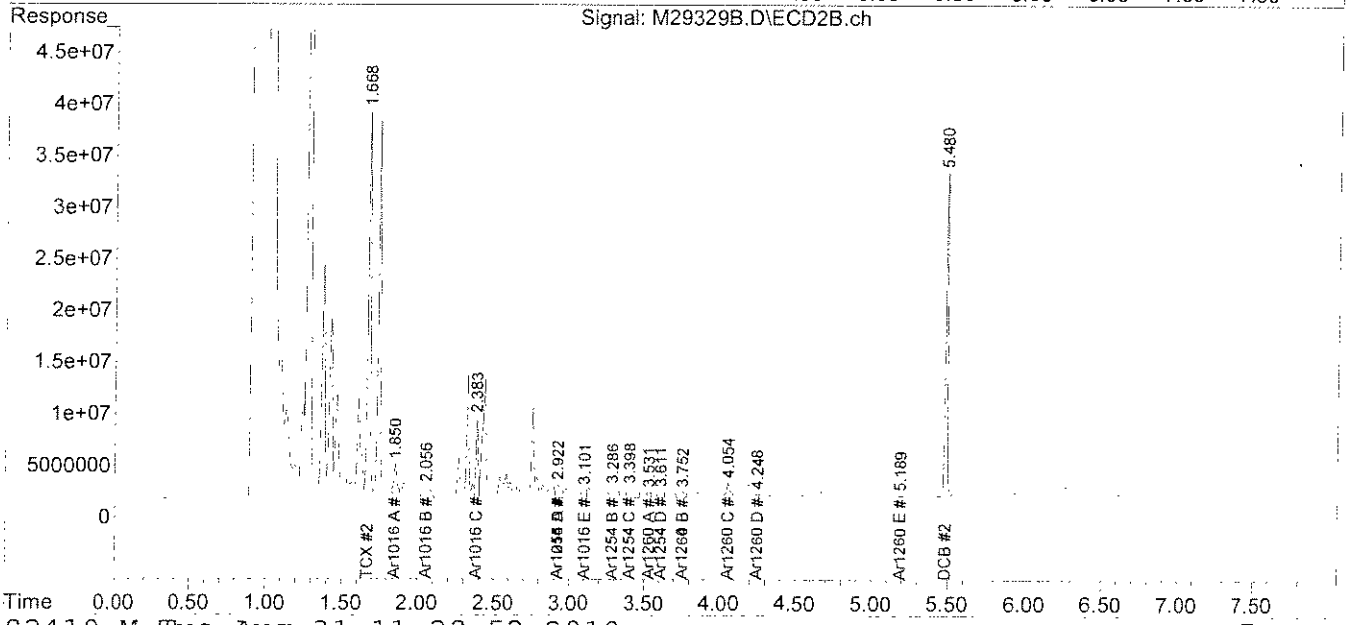
Data Path : C:\msdchem\1\DATA\083110-M\
Data File : M29329B.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Aug 2010 11:20 am
Operator : JK
Sample : B083010PSOX,,A/C
Misc : SOIL
ALS Vial : 91 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 31 11:28:42 2010
Quant Method : C:\msdchem\1\METHODS\PCB082410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Wed Aug 25 09:33:39 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um

08-31-10





analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

August 31, 2010

SAMPLE DATA

Lab Sample ID:	67614-1
Matrix:	Solid
Percent Solid:	96
Dilution Factor:	1.0
Collection Date:	08/26/10
Lab Receipt Date:	08/27/10
Extraction Date:	08/30/10
Analysis Date:	08/31/10

CLIENT SAMPLE ID

Project Name:	Amistad Academy
Project Number:	223019
Field Sample ID:	AA-VCC-358

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	75	%
Decachlorobiphenyl	53	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

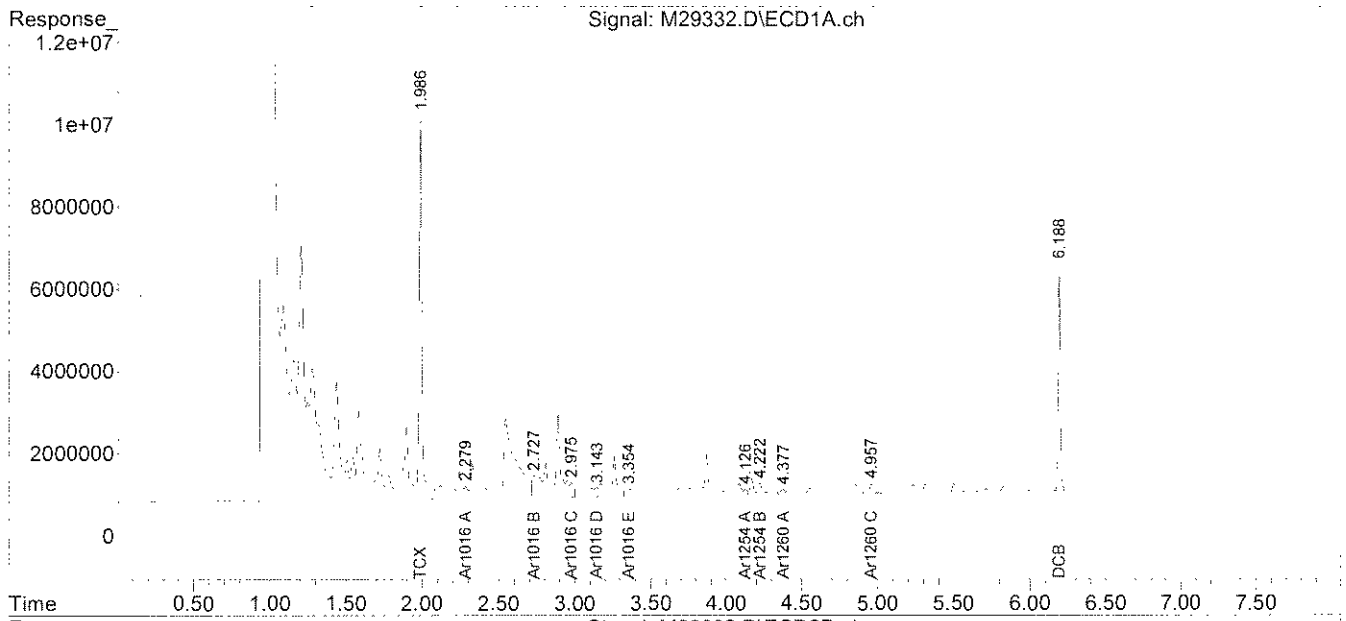
Quantitation Report (QT Reviewed)

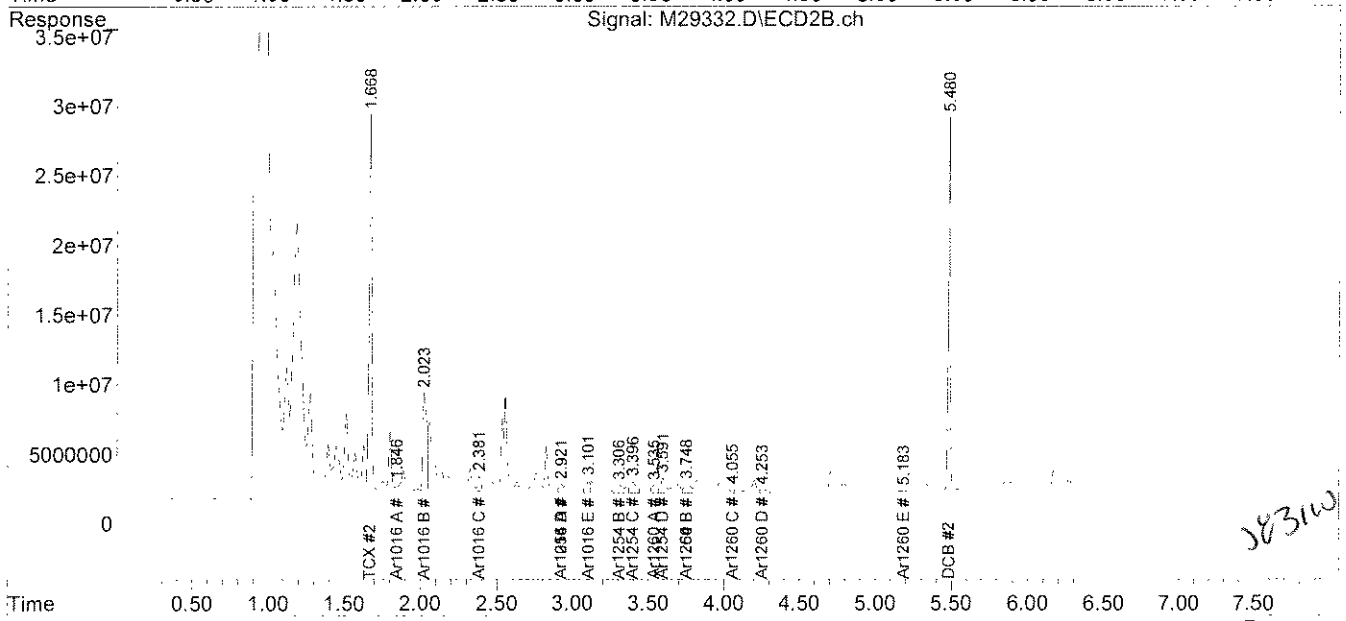
Data Path : C:\msdchem\1\DATA\083110-M\
Data File : M29332.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Aug 2010 11:50 am
Operator : JK
Sample : 67614-1,,A/C
Misc : SOIL
ALS Vial : 94 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 31 11:59:35 2010
Quant Method : C:\msdchem\1\METHODS\PCB082410.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Wed Aug 25 09:33:39 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um

JL 08-31-10





JL 08-31-10

PCB
QC FORMS

AnalyticsLLC:AEL Documents LLC:Pkg Dividers:PCBQC.doc

PCB SOIL
SYSTEM MONITORING COMPOUNDS
SUMMARY

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67614

	Column #1				Column #2			
SAMPLE ID	SMC 1 (%)	#	SMC 2 (%)	#	SMC 1 (%)	#	SMC 2 (%)	#
B083010PSOX,,A/C	90		61		61		48	
L083010PSOX,,A/C	87		58		58		46	
LD083010PSOX,,A/C	84		57		59		45	
67614-1,,A/C	75		53		45		41	

		Lower Limit	Upper Limit
SMC #1 =	TCX	40	130
SMC #2 =	DCB	40	130

Column to be used to flag recovery values outside of QC limits
* Values outside QC limits
D System Monitoring Compound diluted out

PCB SOIL
LABORATORY CONTROL SAMPLE/DUPLICATE
PERCENT RECOVERY

Instrument ID: M

GC Column #1: STX-CLPesticides I

Column ID: 0.25 mm

GC Column #2: STX-CLPesticides II

Column ID: 0.25 mm

SDG: 67614

Non-spiked sample: B083010PSOX,.A/C

Spike: L083010PSOX,,A/C

Spike duplicate: LD083010PSOX..A/C

COMPOUND	LCS SPIKE ADDED (ug/kg)	LCSD SPIKE ADDED (ug/kg)	LOWER LIMIT	UPPER LIMIT	RPD LIMIT	NON-SPIKE RESULT (ug/kg)	SPIKE RESULT (ug/kg)	SPIKE % REC	#	SPIKE DUP RESULT (ug/kg)	SPIKE DUP % REC	#	RPD	#
PCB 1016	200	200	65	140	30	0	196	98		192	96		2.0	
PCB 1260	200	200	60	130	30	0	199	99		191	95		4.0	
PCB 1016 #2	200	200	65	140	30	0	225	112		186	93		19.1	
PCB 1260 #2	200	200	60	130	30	0	139	69		138	69		0.5	

Column to be used to flag recovery and RPD values outside of QC limits

* Values outside QC limits

LCS/LCSD spike added values have been weight adjusted.

Non-spike result of "0" used in place of "U" to allow calculation of spike recovery.

Comments: _____

_____

PCB FORM 3

CHAIN OF CUSTODIES

Chain Of Custody Form

Analytics environmental laboratory LLC
195 Commerce Way Suite E
Portsmouth, NH 03801
Phone (603) 436-5111
Fax (603) 430-2151

For Analytics Use Only Rev. 5 06/18/08

Samples were:
1) Shipped or hand-delivered
2) Temp blank °C 3.8
3) Received in good condition Y or N
4) pH checked by: NA
5) Labels checked by: KB 8/27/10

Project#: 223019 Proj. Name: AMISTAD ACADEMY
Company: Woodard &Curran
Contact: GEORGE FRANKLIN / JEFF HAMEL
Address: 41 Hutchins Drive
Portland, ME
Phone: (207)774-2112 PO# Quote # WCI0305(001)
Sampler (Signature): Jeff Hamel

Matrix Key: C = Concrete, WP = Wipe, WW = Wastewater, SW = Surface Water, GW = Groundwater, DW = Drinking Water, S = Soil/Sludge, O = Oil, E = Extract

Container Key: P=plastic G=glass

Station Identification	Sample Date	Sample Time	Analysis	Preservation: Unpres	4° C	HNO_3	H_2SO_4	HCL	Methanol	Other	Matrix	Container number/tvoe		pH	Analytics Sample #
AA-VCC-358	8/26/10	1045	PCB's by U.S. E.P.A. 8082 w/ Soxhlet Extraction		✓						C	1	G		676014 - 1

KB 8/27/10

Received By: FEDEX Time: Date: 8/26/10
Received By: Time: 1000 Date: 8/27/10
Received By: Time: Date:

Relinquished By Sampler: Jeff Hamel Date: 8/26/10
Relinquished By: FEDEX Date: 8/27/10
Relinquished By: Date:

Email Results to: franklin, jhamel, jream

Turnaround Time (TAT)
- [ ] 24hr*
- [ ] 48hr*, ASAP!
- [ ] 72hr*
- [ ] 5 Days*
- [ ] 10 Days

*Fee may apply; lab approval required

Comments / Instructions:
R.L. ≤ 1.0 mg/kg

Project Requirements:
*Fee may apply

Report Type:
- [ ] MCP*
- [ ] CTRCP*
- [ ] DOD*
- [ ] Standard
- [ ] Level II*
- [ ] Level III*
- [ ] Level IV*

State:
- [ ] NH
- [ ] MA
- [ ] ME
- [ ] CT
- [ ] RI

Other:

State Standard: (eg. S-1 or GW-1)

EDD Required: Y* N
Type: XLSX

Analytics\AEL Documents\AEL COC

Page 1 of 1

From: Origin ID: BNHA (203) 27 t-0379
Jesse Ream
WOODARD & CURRAN INC
1520 HIGHLAND AVENUE

CHESHIRE, CT 06410

J102010080090225

Ship Date: 26AUG10
ActWgt: t5.0 LB
CAD: 2185050/INET3060

Delivery Address Bar Code

Ref # 223019.00
Invoice #
PO #
Dept #

SHIP TO: (603) 436-5111 BILL SENDER

Analytics Enviro Labs, LLC
Analytics Enviro Labs, LLC
195 COMMERCE WAY UNIT E

PORTSMOUTH, NH 03801

TRK# 0201 7938 5560 3916

FRI - 27 AUG A2
PRIORITY OVERNIGHT

03801
NH-US
MHT

03 IGGA

598G4/33D6/9A24

After printing this label:
1. Use the 'Print' button on this page to print your label to your laser or inkjet printer.
2. Fold the printed page along the horizontal line.
3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

Warning: Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com.FedEx will not be responsible for any claim in excess of $100 per package, whether the result of loss, damage, delay, non-delivery,misdelivery,or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim.Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic valueof the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental,consequential, or special is limited to the greater of $100 or the authorized declared value. Recovery cannot exceed actual documented loss.Maximum for items of extraordinary value is $500, e.g. jewelry, precious metals, negotiable instruments and other items listed in our ServiceGuide. Written claims must be filed within strict time limits, see current FedEx Service Guide.

ANALYTICS SAMPLE RECEIPT CHECKLIST

analytics environmental laboratory LLC

AEL LAB#: 67614 COOLER NUMBER: N/A

CLIENT: WOODARD & CURRAN NUMBER OF COOLERS: 1

PROJECT: AMISTAD ACADEMY DATE RECEIVED: 08/27/10

A: PRELIMINARY EXAMINATION: DATE COOLER OPENED: 08/27/10

1. Cooler received by(initials): Date Received: 08/27/10

2. Circle one: Hand delivered (If so, skip 3) Shipped

3. Did cooler come with a shipping slip? Y N

3a. Enter carrier name and airbill number here: FEDEX 7938 5560 3916

4. Were custody seals on the outside of cooler? Y N
How many & where: N/A Seal Date: N/A Seal Name: N/A

5. Did the custody seals arrive unbroken and intact upon arrival? Y N/A

6. COC#: N/A

7. Were Custody papers filled out properly (ink,signed, etc)? Y N RELINQUISHED TIME OMITTED FROM CHAIN @ 08/27/10

8. Were custody papers sealed in a plastic bag? Y N

9. Did you sign the COC in the appropriate place? Y N

10. Was the project identifiable from the COC papers? Y N

11. Was enough ice used to chill the cooler? Y N Temp. of cooler: 3.8

B. Log-In: Date samples were logged in: @ 08/27/10 By: @

12. Type of packing in cooler (bubble wrap, popcorn) Y N

13. Were all bottles sealed in separate plastic bags? Y N

14. Did all bottles arrive unbroken and were labels in good condition? Y N

15. Were all bottle labels complete(ID,Date,time,etc.) Y N

16. Did all bottle labels agree with custody papers? Y N

17. Were the correct containers used for the tests indicated: Y N

18. Were samples received at the correct pH? Y N/A

19. Was sufficient amount of sample sent for the tests indicated? Y N

20. Were bubbles absent in VOA samples? Y N/A

If NO, List Sample ID's and Lab #s:

21. Laboratory labeling verified by (initials): Date: 8/27/10

APPENDIX D: DATA VALIDATION SUMMARIES

AMISTAD ACADEMY
PROJECT SUMMARY

Analytics Environmental Laboratory, Inc. Job Numbers: 66731, 66781, 66844, 66845, 66855, 66875, 66910

A modified Tier II validation was performed on the data. The criteria detailed below were used to qualify the data. Raw data were not used to verify the results reported by the laboratory.

Samples were received at 3.5, 4, 8, 10, 12.2, and 18.1 degrees Celsius. Therefore, all PCB results in sample delivery groups (SDGs) 66781, 66844, 66845, and 66855 will be estimated (J/UJ) since samples were received above 6 degrees Celsius.

PCBs:

All polychlorinated biphenyl compound (PCB) samples were extracted and analyzed within technical holding times. No qualifications will be applied.

All PCB surrogates met acceptance criteria or were diluted out. No qualifications will be applied.

The PCB method blanks were non-detect (ND) for all target analytes. No qualifications will be applied.

PCB field blank sample AA-VCS-Q-022 (66845-5) was ND for all target analytes. No qualifications will be applied.

The PCB matrix spike/matrix spike duplicate (MS/MSD) performed on samples AA-VCS-018 (66845-1), AA-SS-068 (66855-1), AA-SS-067 (66875-1), and AA-VCS-034 (66910-12) met acceptance criteria (PCB-1016/65%-140%, PCB-1260/60%-130%) with the following exceptions:

LAB ID	SAMPLE ID	PCB-1016 (%) MS/MSD/MS/MSD	PCB-1260 (%) MS/MSD/MS/MSD	QUALIFIER
66855-1	AA-SS-068	OK/OK/OK/OK	154/183/132/OK	None, PCB-1254 interference
66875-1*	AA-SS-067	OK/141/OK/OK	142/142/134/OK	None, sample ND for all PCBs

*The RPD for PCB-1016 on column #2 (41.4%) exceeded acceptance criteria (<30%), but no qualifications will be applied since the sample was ND for PCB-1016 and three of the four MS/MSD recoveries met acceptance criteria.

The PCB laboratory control samples (LCS)/laboratory control sample duplicate (LCSD) met acceptance criteria (PCB-1016/65%-140%, PCB-1260/60%-130%) with the following exceptions:

LCS/LCSD DATE	PCB-1016 (%) LCS/LCSD/LCS/LCSD	PCB-1260 (%) LCS/LCSD/LCS/LCSD	IMPACTED SAMPLES	QUALIFIER
05/24/10	OK/OK/178/214	OK/OK/OK/OK	All 66731	None, column #1 passes and samples ND for PCB-1016
06/09/10*	OK/203/OK/149	OK/OK/OK/OK	All 66875	None, samples ND for PCB-1016

*The RPD for PCB-1016 on column #1 (53.5%) exceeded acceptance criteria (<30%), but qualifications are not applied based on LCS/LCSD RPD.

PCB field duplicate samples AA-VCS-020 (66845-3)/AA-VCS-521 (66845-4) met acceptance criteria with the following exception. The relative percent difference (RPD) for PCB-1254 (80.5%) in field duplicate samples AA-VCS-020 (66845-3)/AA-VCS-521 (66845-4) was above acceptance limits (<50%). The PCB-1254 results in samples AA-VCS-020 (66845-3) and AA-VCS-521 (66845-4) will be estimated (J) due to high field duplicate RPD.

The RPD between the column results for all detected PCBs met acceptance criteria (≤25%) with the following exceptions:

AMISTAD ACADEMY
PROJECT SUMMARY

Analytics Environmental Laboratory, Inc. Job Numbers: 66731, 66781, 66844, 66845, 66855, 66875, 66910

LAB ID	SAMPLE ID	PCB	RPD	QUALIFIER
66781-1	AA-VCS-014	1254	29.2	J
66844-1	AA-SS-065	1254	33.7	J
66844-5	AA-AP-002	1254	31.6	J
66844-6	AA-AP-003	1254	30.7	J
66844-7	AA-CC-010	1254	37.1	J
66845-3	AA-VCS-020	1254	38.8	J
66845-4	AA-VCS-521	1254	40.7	J
66855-2	AA-CC-011	1254	25.1	J
66855-3	AA-CC-012	1254	33.1	J
66910-3	AA-VCS-025	1260	36.1	J
66910-10	AA-VCS-032	1254	26.4	J

Many samples were analyzed at a dilution due to sample matrix or due to the high concentration of PCBs present. Elevated quantitation limits are reported in these samples as a result of the dilutions performed.

Data Check, Inc.
P.O. Box 29
81 Meaderboro Road
New Durham, NH 03855

Gloria J. Switalski:
President

Date: 09/30/2010

AMISTAD ACADEMY
PROJECT SUMMARY

Analytics Environmental Laboratory, Inc. Job Numbers: 66912, 66948, 66954, 67015

A modified Tier II validation was performed on the data. The criteria detailed below were used to qualify the data. Raw data were not used to verify the results reported by the laboratory.

Samples were received at 2.9, 4, and 5.6 degrees Celsius. No qualifications will be applied.

PCBs:

All polychlorinated biphenyl compound (PCB) samples were extracted and analyzed within technical holding times. No qualifications will be applied.

All PCB surrogates met acceptance criteria or were diluted out. No qualifications will be applied.

The PCB method blanks were non-detect (ND) for all target analytes. No qualifications will be applied.

PCB field blank samples AA-VCS-Q-040 (66912-3) and AA-VBS-Q-064 (67015-4) were ND for all target analytes. No qualifications will be applied.

The PCB matrix spike/matrix spike duplicate (MS/MSD) performed on samples AA-VCS-038 (66912-7) and AA-VBS-062 (67015-2) met acceptance criteria (PCB-1016/65%-140%, PCB-1260/60%-130%) with the following exceptions:

LAB ID	SAMPLE ID	PCB-1016 (%) MS/MSD/MS/MSD	PCB-1260 (%) MS/MSD/MS/MSD	QUALIFIER
66912-7*	AA-VCS-038	OK/OK/OK/OK	OK/138/OK/OK	None, PCB-1254 interference
67015-2	AA-VBS-062	56/53/OK/59	OK/OK/OK/OK	UJ, PCB-1016

*The RPD for PCB-1016 on column #2 (54.1%) exceeded acceptance criteria (<30%), but no qualifications will be applied since the sample was ND for PCB-1016 and the MS/MSD recoveries met acceptance criteria.

The PCB laboratory control samples (LCS)/laboratory control sample duplicate (LCSD) met acceptance criteria (PCB-1016/65%-140%-solid and 79%-113% or 81%-112%-aqueous, PCB-1260/60%-130%-solid and 58%-115% or 54%-123%-aqueous) with the following exceptions:

LCS/LCSD DATE	PCB-1016 (%) LCS/LCSD/LCS/LCSD	PCB-1260 (%) LCS/LCSD/LCS/LCSD	IMPACTED SAMPLES	QUALIFIER
06/11/10	OK/OK/OK/148	OK/OK/OK/OK	All solid 66912	None, column #1 passes and samples ND for PCB-1016
06/21/10*	OK/OK/OK/127	OK/OK/OK/OK	AA-VBS-Q-064	None, sample ND for PCB-1016

*The RPD for PCB-1016 on column #2 (37%) exceeded acceptance criteria (<30%), but qualifications are not applied based on LCS/LCSD RPD.

PCB field duplicate samples AA-VCS-038 (66912-7)/AA-VCS-539 (66912-8) and AA-VBS-061 (67015-1)/AA-VBS-563 (67015-3) met acceptance criteria. No qualifications will be applied.

The relative percent difference (RPD) between the column results for all detected PCBs met acceptance criteria (≤25%) with the following exceptions:

LAB ID	SAMPLE ID	PCB	RPD	QUALIFIER
66912-2	AA-VBS-042	1254	31.9	J
66948-1	AA-VWP-045	1254	26.1	J
66948-11	AA-VWP-055	1254	30.1	J
66954-8	AA-VBS-059	1254	35.4	J

AMISTAD ACADEMY
PROJECT SUMMARY

Analytics Environmental Laboratory, Inc. Job Numbers: 66912, 66948, 66954, 67015

LAB ID	SAMPLE ID	PCB	RPD	QUALIFIER
66954-8	AA-VBS-059	1254	35.4	J

Many samples were analyzed at a dilution due to sample matrix or due to the high concentration of PCBs present. Elevated quantitation limits are reported in these samples as a result of the dilutions performed.

Data Check, Inc.
P.O. Box 29
81 Meaderboro Road
New Durham, NH 03855

Gloria J. Switalski:
President

Date: 09/30/2010

Project # 223019

AMISTAD ACADEMY
PROJECT SUMMARY

Analytics Environmental Laboratory, Inc. Job Numbers: 67031, 67041, 67055, 67066, 67090

A modified Tier II validation was performed on the data. The criteria detailed below were used to qualify the data. Raw data were not used to verify the results reported by the laboratory.

Samples were received at 3.6, 3.7, 4.7, 5.5, and 21.2 degrees Celsius. Therefore, all PCB results in sample delivery group (SDG) 67090 will be estimated (UJ) since samples were received above 6 degrees Celsius.

PCBs:

All polychlorinated biphenyl compound (PCB) samples were extracted and analyzed within technical holding times. No qualifications will be applied.

All PCB surrogates met acceptance criteria (30-150%) or were diluted out with the following exception:

LAB ID	SAMPLE ID	TCX (%/%)	DCB (%/%)	QUALIFIER
67055-2	AA-VSS-109	OK/OK	OK/29	None, only 1 out

TCX = tetrachloro-m-xylene DCB = decachlorobiphenyl

The PCB method blanks were non-detect (ND) for all target analytes. No qualifications will be applied.

PCB field blank samples AA-VSS-Q-081 (67031-12) and AA-VSS-Q-101 (67041-4) were ND for all target analytes. No qualifications will be applied.

The PCB matrix spike/matrix spike duplicate (MS/MSD) performed on samples AA-VSS-070 (67031-1) and AA-VSS-092 (67031-23) met acceptance criteria. No qualifications will be applied.

The PCB laboratory control samples (LCS)/laboratory control sample duplicate (LCSD) met acceptance criteria. No qualifications will be applied.

PCB field duplicate samples AA-VSS-079 (67031-10)/AA-VSS-580 (67031-11) and AA-VSS-099 (67041-2)/AA-VSS-500 (67041-3) met acceptance criteria. No qualifications will be applied.

The relative percent difference (RPD) between the column results for all detected PCBs met acceptance criteria. No qualifications will be applied.

Some samples were analyzed at a dilution due to sample matrix or due to the high concentration of PCBs present. Elevated quantitation limits are reported in these samples as a result of the dilutions performed.

Data Check, Inc.
P.O. Box 29
81 Meaderboro Road
New Durham, NH 03855

Gloria J. Switalski:
President

Date: 09/30/2010

Project # 223019

AMISTAD ACADEMY
PROJECT SUMMARY

Analytics Environmental Laboratory, Inc. Job Numbers: 67104, 67115, 67117, 67163, 67243, 67273

A modified Tier II validation was performed on the data. The criteria detailed below were used to qualify the data. Raw data were not used to verify the results reported by the laboratory.

Samples were received at 2.9, 3, 3.5, 4.8, 5, and 5.6 degrees Celsius. No qualifications will be applied.

PCBs:

All polychlorinated biphenyl compound (PCB) samples were extracted and analyzed within technical holding times. No qualifications will be applied.

All PCB surrogates met acceptance criteria (30-150%) or were diluted out with the following exception:

LAB ID	SAMPLE ID	TCX (%/%)	DCB (%/%)	QUALIFIER
67163-10	AA-CC-025	151/OK	OK/OK	None, only 1 out

TCX = tetrachloro-m-xylene DCB = decachlorobiphenyl

The PCB method blanks were non-detect (ND) for all target analytes. No qualifications will be applied.

PCB field blank samples AA-VBS-Q-127 (67115-1), AA-VCC-Q-139 (67117-5), and AA-VWP-Q-160 (67273-4) were ND for all target analytes. No qualifications will be applied.

The PCB matrix spike/matrix spike duplicate (MS/MSD) performed on samples AA-VSS-131 (67115-5), AA-CC-032 (67163-14), and AA-VCC-162 (67273-6) met acceptance criteria (PCB-1016/65%-140%, PCB-1260/60%-130%) with the following exceptions:

LAB ID	SAMPLE ID	PCB-1016 (%) MS/MSD/MS/MSD	PCB-1260 (%) MS/MSD/MS/MSD	QUALIFIER
67163-14	AA-CC-032	234/249/685/741	355/361/271/276	None, PCB-1254 interference
67273-6	AA-VCC-162	OK/OK/OK/OK	218/219/173/184	None, PCB-1254 interference

The PCB laboratory control samples (LCS)/laboratory control sample duplicate (LCSD) met acceptance criteria. No qualifications will be applied.

PCB field duplicate samples AA-VSS-119 (67104-1)/AA-VSS-520 (67104-2), AA-VCC-137 (67117-3)/AA-VCC-538 (67117-4), and AA-VWP-155 (67243-5)/AA-VWP-556 (67243-6) met acceptance criteria. No qualifications will be applied.

The relative percent difference (RPD) between the column results for all detected PCBs met acceptance criteria (≤25%) with the following exceptions:

LAB ID	SAMPLE ID	PCB	RPD	QUALIFIER
67115-5	AA-VSS-131	1254	30.1	J
67117-4	AA-VCC-538	1254	28.4	J

Some samples were analyzed at a dilution due to sample matrix or due to the high concentration of PCBs present. Elevated quantitation limits are reported in these samples as a result of the dilutions performed.

AMISTAD ACADEMY
PROJECT SUMMARY

Analytics Environmental Laboratory, Inc. Job Numbers: 67104, 67115, 67117, 67163, 67243, 67273

Data Check, Inc.
P.O. Box 29
81 Meaderboro Road
New Durham, NH 03855

Gloria J. Switalski:
President

Date: 09/30/2010

AMISTAD ACADEMY
PROJECT SUMMARY

Analytics Environmental Laboratory, Inc. Job Numbers: 66776, 67540, 67562, 67565

A modified Tier II validation was performed on the data. The criteria detailed below were used to qualify the data. Raw data were not used to verify the results reported by the laboratory.

Samples were received at 2.8, 3.9, 4, and 7.6 degrees Celsius. Therefore, all PCB results in sample delivery group (SDG) 67562 will be estimated (J/UJ) since samples were received above 6 degrees Celsius.

PCBs:

All polychlorinated biphenyl compound (PCB) samples were extracted and analyzed within technical holding times. No qualifications will be applied.

All PCB surrogates met acceptance criteria. No qualifications will be applied.

The PCB method blanks were non-detect (ND) for all target analytes. No qualifications will be applied.

PCB field blank sample AA-VSS-Q-340 (67562-5) was ND for all target analytes. No qualifications will be applied.

The PCB matrix spike/matrix spike duplicate (MS/MSD) performed on samples AA-VSS-330 (67540-7) and AA-VSS-343 (67565-1) met acceptance criteria (PCB-1016/65%-140%, PCB-1260/60%-130%) with the following exceptions:

LAB ID	SAMPLE ID	PCB-1016 (%) MS/MSD/MS/MSD	PCB-1260 (%) MS/MSD/MS/MSD	QUALIFIER
67565-1	AA-VSS-343	OK/OK/153/151	146/145/OK/OK	None, PCB-1254 interference

The PCB laboratory control samples (LCS)/laboratory control sample duplicate (LCSD) met acceptance criteria. No qualifications will be applied.

PCB field duplicate samples AA-VSS-338 (67562-3)/AA-VSS-539 (67562-4) met acceptance criteria. No qualifications will be applied.

The relative percent difference (RPD) between the column results for all detected PCBs met acceptance criteria (≤25%) with the following exception:

LAB ID	SAMPLE ID	PCB	RPD	QUALIFIER
67540-12	AA-VBS-335	1254	39.8	J

Some samples were analyzed at a dilution due to sample matrix or due to the high concentration of PCBs present. Elevated quantitation limits are reported in these samples as a result of the dilutions performed.

Data Check, Inc.
P.O. Box 29
81 Meaderboro Road
New Durham, NH 03855

Gloria J. Switalski:
President

Date: 09/30/2010

Project # 223019

AMISTAD ACADEMY
PROJECT SUMMARY

Analytics Environmental Laboratory, Inc. Job Numbers: 67289, 67300, 67353, 67354

A modified Tier II validation was performed on the data. The criteria detailed below were used to qualify the data. Raw data were not used to verify the results reported by the laboratory.

Samples were received at 1.2, 1.6, 2.3, and 3.2 degrees Celsius. Although some samples were received at less than 2.0 degree Celsius, they were not frozen, and no qualifications will be applied.

PCBs:

All polychlorinated biphenyl compound (PCB) samples were extracted and analyzed within technical holding times. No qualifications will be applied.

All PCB surrogates met acceptance criteria or were diluted out. No qualifications will be applied.

The PCB method blanks were non-detect (ND) for all target analytes. No qualifications will be applied.

PCB field blank samples AA-VSS-Q-181 (67353-1) and AA-VSS-Q-200 (67354-5) were ND for all target analytes. No qualifications will be applied.

The PCB matrix spike/matrix spike duplicate (MS/MSD) performed on samples AA-VSS-173 (67300-5), AA-VSS-188 (67353-8), and AA-VSS-198 (67354-3) met acceptance criteria (PCB-1016/65%-140%, PCB-1260/60%-130%) with the following exceptions:

LAB ID	SAMPLE ID	PCB-1016 (%) MS/MSD/MS/MSD	PCB-1260 (%) MS/MSD/MS/MSD	QUALIFIER
67353-8	AA-VSS-188	OK/OK/OK/OK	139/135/131/133	None, PCB-1254 interference
67354-3	AA-VSS-198	OK/OK/OK/OK	216/221/175/170	None, PCB-1254 interference

The PCB laboratory control samples (LCS)/laboratory control sample duplicate (LCSD) met acceptance criteria. No qualifications will be applied.

PCB field duplicate samples AA-VSS-198 (67354-3)/AA-VSS-599 (67354-4) met acceptance criteria with the following exception. PCB-1260 was not detected in the primary sample above the reporting limit, but was detected at greater than two times the reporting limit in the duplicate sample. The PCB-1260 results in samples AA-VSS-198 (67354-3) and AA-VSS-599 (67354-4) will be estimated (J/UJ) due to poor field duplicate precision.

The relative percent difference (RPD) between the column results for all detected PCBs met acceptance criteria (≤25%) with the following exceptions:

LAB ID	SAMPLE ID	PCB	RPD	QUALIFIER
67300-11	AA-VCC-179	1254	32.7	J
67353-15	AA-VCC-195	1254	33.2	J
67354-2	AA-VBS-197	1254	39.9	J
67354-10	AA-VSS-205	1254	29.5	J

Some samples were analyzed at a dilution due to sample matrix or due to the high concentration of PCBs present. Elevated quantitation limits are reported in these samples as a result of the dilutions performed.

AMISTAD ACADEMY
PROJECT SUMMARY

Analytics Environmental Laboratory, Inc. Job Numbers: 67289, 67300, 67353, 67354

Data Check, Inc.
P.O. Box 29
81 Meaderboro Road
New Durham, NH 03855

Gloria J. Switalski:
President

Date: 09/30/2010

AMISTAD ACADEMY
PROJECT SUMMARY

Analytics Environmental Laboratory, Inc. Job Numbers: 67364, 67380, 67386, 67404, 67420, 67435

A modified Tier II validation was performed on the data. The criteria detailed below were used to qualify the data. Raw data were not used to verify the results reported by the laboratory.

Samples were received at 3.2, 3.4, 3.5, 3.6, 4.2, and 5.8 degrees Celsius. No qualifications will be applied.

PCBs:

All polychlorinated biphenyl compound (PCB) samples were extracted and analyzed within technical holding times. No qualifications will be applied.

All PCB surrogates met acceptance criteria. No qualifications will be applied.

The PCB method blanks were non-detect (ND) for all target analytes. No qualifications will be applied.

PCB field blank samples AA-VSS-Q-220 (67386-3) and AA-VSS-Q-240 (67404-12) were ND for all target analytes. No qualifications will be applied.

The PCB matrix spike/matrix spike duplicate (MS/MSD) performed on samples AA-VSS-228 (67386-11), AA-VSS-234 (67404-6), AA-CC-043 (67420-3), and AA-VSS-249 (67435-3) met acceptance criteria (PCB-1016/65%-140%, PCB-1260/60%-130%) with the following exceptions:

LAB ID	SAMPLE ID	PCB-1016 (%) MS/MSD/MS/MSD	PCB-1260 (%) MS/MSD/MS/MSD	QUALIFIER
67386-11	AA-VSS-228	OK/OK/212/212	165/170/136/135	None, PCB-1254 interference

The PCB laboratory control samples (LCS)/laboratory control sample duplicate (LCSD) met acceptance criteria. No qualifications will be applied.

PCB field duplicate samples AA-VSS-218 (67386-1)/AA-VSS-519 (67386-2) and AA-VSS-238 (67404-10)/AA-VSS-539 (67404-11) met acceptance criteria. No qualifications will be applied.

The relative percent difference (RPD) between the column results for all detected PCBs met acceptance criteria (≤25%) with the following exceptions:

LAB ID	SAMPLE ID	PCB	RPD	QUALIFIER
67386-5	AA-VSS-222	1254	26.9	J
67386-10	AA-VSS-227	1254	29.8	J
67386-11	AA-VSS-228	1254	28.5	J
67404-2	AA-VSS-230	1254	27.5	J
67404-9	AA-VSS-237	1254	31.9	J
67404-15	AA-VSS-243	1254	29.8	J
67404-16	AA-VSS-244	1254	31.8	J
67404-17	AA-VSS-245	1254	34.6	J
67420-3	AA-CC-043	1254	30.0	J

Some samples were analyzed at a dilution due to sample matrix or due to the high concentration of PCBs present. Elevated quantitation limits are reported in these samples as a result of the dilutions performed.

AMISTAD ACADEMY
PROJECT SUMMARY

Analytics Environmental Laboratory, Inc. Job Numbers: 67364, 67380, 67386, 67404, 67420, 67435

Data Check, Inc.
P.O. Box 29
81 Meaderboro Road
New Durham, NH 03855

Gloria J. Switalski:
President

Date: 09/30/2010

Project # 223019

AMISTAD ACADEMY
PROJECT SUMMARY

Analytics Environmental Laboratory, Inc. Job Numbers: 67442, 67492, 67501, 67520, 67533

A modified Tier II validation was performed on the data. The criteria detailed below were used to qualify the data. Raw data were not used to verify the results reported by the laboratory.

Samples were received at 2.5, 2.9, 4, 5, and 6.9 degrees Celsius. Therefore, all PCB results in sample delivery group (SDG) 67442 will be estimated (J/UJ) since samples were received above 6 degrees Celsius.

PCBs:

All polychlorinated biphenyl compound (PCB) samples were extracted and analyzed within technical holding times. No qualifications will be applied.

All PCB surrogates met acceptance criteria. No qualifications will be applied.

The PCB method blanks were non-detect (ND) for all target analytes. No qualifications will be applied.

PCB field blank samples AA-VSS-Q-260 (67442-3), AA-VWP-Q-280 (67501-11), and AA-VSS-Q-320 (67533-11) were ND for all target analytes. No qualifications will be applied.

The PCB matrix spike/matrix spike duplicate (MS/MSD) performed on samples AA-VSS-267 (67492-3), AA-VBS-281 (67501-12), AA-VSS-282 (67520-2), and AA-VSS-310 (67533-1) met acceptance criteria (PCB-1016/65%-140%, PCB-1260/60%-130%) with the following exceptions:

LAB ID	SAMPLE ID	PCB-1016 (%) MS/MSD/MS/MSD	PCB-1260 (%) MS/MSD/MS/MSD	QUALIFIER
67501-12*	AA-VBS-281	OK/140/OK/OK	OK/OK/OK/OK	None, sample ND for all PCBs

*The RPD for PCB-1016 on column #1 (36.6%) exceeded acceptance criteria (<30%), but no qualifications will be applied since the sample was ND for PCB-1016 and three of the four MS/MSD recoveries met acceptance criteria.

The PCB laboratory control samples (LCS)/laboratory control sample duplicate (LCSD) met acceptance criteria (PCB-1016/65%-140%-solid and 79%-113% or 81%-112%-aqueous, PCB-1260/60%-130%-solid and 58%-115% or 54%-123%-aqueous) with the following exceptions:

LCS/LCSD DATE	PCB-1016 (%) LCS/LCSD/LCS/LCSD	PCB-1260 (%) LCS/LCSD/LCS/LCSD	IMPACTED SAMPLES	QUALIFIER
08/11/10	OK/OK/OK/144	OK/OK/OK/OK	All 67492	None, column #1 passes and samples ND for PCB-1016
08/12/10	OK/OK/151/OK	OK/OK/OK/OK	All wipes 67501	None, samples ND for PCB-1016
08/13/10*	OK/114/OK/OK	OK/OK/OK/OK	AA-VWP-Q-280	None, sample ND for PCB-1016

*The RPD for PCB-1016 on column #1 (26.3%) exceeded acceptance criteria (<25%), but qualifications are not applied based on LCS/LCSD RPD.

PCB field duplicate samples AA-VSS-258 (67442-1)/AA-VSS-559 (67442-2), AA-VWP-278 (67501-9)/AA-VWP-579 (67501-10), and AA-VSS-318 (67533-09)/AA-VSS-519 (67533-10) met acceptance criteria with the following exception. The relative percent difference (RPD) for PCB-1254 (142%) in field duplicate samples AA-VSS-258 (67442-1)/AA-VSS-559 (67442-2) was above acceptance limits (<50%). The PCB-1254 results in samples AA-VSS-258 (67442-1) and AA-VSS-559 (67442-2) will be estimated (J) due to high field duplicate RPD.

AMISTAD ACADEMY
PROJECT SUMMARY

Analytics Environmental Laboratory, Inc. Job Numbers: 67442, 67492, 67501, 67520, 67533

The RPD between the column results for all detected PCBs met acceptance criteria. No qualifications will be applied.

Some samples were analyzed at a dilution due to sample matrix or due to the high concentration of PCBs present. Elevated quantitation limits are reported in these samples as a result of the dilutions performed.

Data Check, Inc.
P.O. Box 29
81 Meaderboro Road
New Durham, NH 03855

Gloria J. Switalski:
President

Date: 09/30/2010

AMISTAD ACADEMY
PROJECT SUMMARY

Analytics Environmental Laboratory, Inc. Job Numbers: 67576, 67578, 67591, 67614

A modified Tier II validation was performed on the data. The criteria detailed below were used to qualify the data. Raw data were not used to verify the results reported by the laboratory.

Samples were received at 3.8, 4, 5, and 5.3 degrees Celsius. No qualifications will be applied.

PCBs:

All polychlorinated biphenyl compound (PCB) samples were extracted and analyzed within technical holding times. No qualifications will be applied.

All PCB surrogates met acceptance criteria. No qualifications will be applied.

The PCB method blanks were non-detect (ND) for all target analytes. No qualifications will be applied.

No PCB field blank samples were submitted with these analytical packages. No qualifications will be applied.

The PCB matrix spike/matrix spike duplicate (MS/MSD) performed on sample AA-VCC-351 (67576-3) met acceptance criteria (PCB-1016/65%-140%, PCB-1260/60%-130%) with the following exceptions:

LAB ID	SAMPLE ID	PCB-1016 (%) MS/MSD/MS/MSD	PCB-1260 (%) MS/MSD/MS/MSD	QUALIFIER
67576-3*	AA-VCC-351	207/270/432/630	241/391/171/188	None, PCB-1254 interference

*The RPD for PCB-1016 on column #2 (37.2%) and for PCB-1260 on column #1 (47.5%) exceeded acceptance criteria (<30%). No qualifications will be applied since the sample was ND for PCB-1016 and PCB-1260 and the PCB-1254 concentration in the sample caused interference.

The PCB laboratory control samples (LCS)/laboratory control sample duplicate (LCSD) met acceptance criteria. No qualifications will be applied.

No PCB field duplicate samples were submitted with these analytical packages. No qualifications will be applied.

The relative percent difference (RPD) between the column results for all detected PCBs met acceptance criteria (≤25%) with the following exceptions:

LAB ID	SAMPLE ID	PCB	RPD	QUALIFIER
67576-3	AA-VCC-351	1254	35.1	J
67578-1	AA-VSS-354	1254	33.8	J
67591-2	AA-VSS-356	1254	30.1	J

Data Check, Inc.
P.O. Box 29
81 Meaderboro Road
New Durham, NH 03855

Gloria J. Switalski:
President

Date: 09/30/2010

Project # 223019

APPENDIX E: WASTE SHIPMENT DOCUMENTATION

Please print or type. Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: CTP 000 030 952
2. Page 1 of 1
3. Emergency Response Phone: (800) 535-5053
4. Manifest Tracking Number: 006174043 JJK

5. Generator's Name and Mailing Address: AMISTAD ACADEMY
403 JAMES STREET
NEW HAVEN, CT 06513
Generator's Phone: (203) 455-4896

Generator's Site Address (if different than mailing address)
130 EDGEWOOD AVENUE
NEW HAVEN, CT 06511

6. Transporter 1 Company Name: EQ NORTHEAST, INC. — U.S. EPA ID Number: MAD 084 814 136

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: WAYNE DISPOSAL, INC SITE 2 LANDFILL
49350 N I-94 SERVICE DRIVE
BELLEVILLE, MI 48111
Facility's Phone: (800) 592-5489
U.S. EPA ID Number: MID 048 090 633

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ, UN3432, Polychlorinated biphenyls, solid, mixture, 9, PGIII, ERG #171	01	CM	20,000	K	PCB6	CR01	
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1. 0405079WBH (S) WINDOW CAULKING (PCB/ACM) / SEE PCB CONTINUATION SHEET
MI DEQ, AIR QUALITY MGMT DIV, CADILLAC PLACE, 3058 W.GRAND BLVD, SUITE 2-0300, DETROIT, MI48202

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: DAVID WYSOCK — Signature: David Wysock — Month 06 Day 01 Year 10

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: DAVID HARPER — Signature: David Harper — Month 06 Day 01 Year 10
Transporter 2 Printed/Typed Name — Signature — Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. PCB 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Ashley Butler — Signature: Ashley Butler — Month 06 Day 03 Year 10

GENERATOR — TRANSPORTER INT'L — DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete. TRANSPORTER'S COPY

3339918

)06174043JJK

Wayne Disposal, Inc.

49350 North I-94 Service Drive, Belleville, Michigan 48111

Receipt

EQ NORTHEAST
185 INDUSTRIAL ROAD
PO BOX 617
WRENTHAM, MA 02093

Receipt ID: 1184610
EQ Account #: 1125
Manifest / BOL: 006174043JJK
Transporter: EQNE
Date: 06/02/2010
Time In: 8:58 AM
Time Out: 11:08 AM

Line	Description Generator	Qty.	Unit
1 - A	E105120WDI - DEBRIS WITH PCB CAULKING	20.000	YARD
	Hazardous Surcharge Cubic Yard-Bulk	20.000	YARD
	40CFRPART761 AMISTAD ACADEMY		
	Gross: 69,240 **Tare:** 42,180 **Net:** 27,060		

12,300 K

Paula Brierley 6-3-10

$ 13.50 Tons

NO SALVAGING ON PREMISES

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: 400 FRP ART 761
2. Page 1 of 1
3. Emergency Response Phone: (800) 535-5053
4. Manifest Tracking Number: 006174203 JJK

5. Generator's Name and Mailing Address: AMISTAD ACADEMY
130 EDGEWOOD AVENUE
NEW HAVEN, CT 06519
Generator's Phone: (203) 946-5880
Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: EQ NORTHEAST, INC.
U.S. EPA ID Number: MAD 084 814 136

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address: WAYNE DISPOSAL, INC SITE 2 LANDFILL
49350 N I-94 SERVICE DRIVE
BELLEVILLE, MI 48111
Facility's Phone: (800) 592-5489
U.S. EPA ID Number: MID 048 090 633

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ, UN3432, Polychlorinated biphenyls, solid, mixture, 9, PGIII, ERG #171	001	CM	~~32000~~ 251	P K	PCB1	CRD1	
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1. E10512WDI / (S)DEBRIS WITH PCB CAULKING / STORAGE START DATE 5-21-10 UNIQUE CONTAINER NUMBER #192

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable International and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: DAVID WYSOCKI
Signature: David Wysocki
Month 06 Day 09 Year 10

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: JAMES A PINO JR
Signature:
Month 06 Day 09 Year 10
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. PCB 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Ashley Button
Signature: Ashley Button
Month 06 Day 10 Year 10

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete. TRANSPORTER'S COPY

3357298

Wayne Disposal, Inc.

49350 North I-94 Service Drive, Belleville, Michigan 48111

Receipt

EQ NORTHEAST
185 INDUSTRIAL ROAD
PO BOX 617
WRENTHAM, MA 02093

Receipt ID: 1185101
EQ Account #: 1125
Manifest / BOL: 006174203JJK
Transporter: EQNE
Date: 06/10/2010
Time In: 11:31 AM
Time Out: 1:25 PM

Line	Description Generator	Qty. Unit
1 - A	E105120WDI - DEBRIS WITH PCB CAULKING	23.000 YARD
	Hazardous Surcharge Cubic Yard-Bulk	23.000 YARD
	40CFRPART761 AMISTAD ACADEMY	
	Gross: 72,320 **Tare:** 39,920 **Net:** 32,400	

16.2 Tons

NO SALVAGING ON PREMISES

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: 40C FRP ART761
2. Page 1 of 1
3. Emergency Response Phone: 800 [illegible]
4. Manifest Tracking Number: 007344041 JJK

5. Generator's Name and Mailing Address
Amistad Academy
130 Edgewood Avenue
New Haven CT 06519
Generator's Phone: 203 946-5680

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: New England Disposal Technologies, Inc.
U.S. EPA ID Number: MAC300008059

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Wayne Disposal, Inc.
49350 N. I-94 Service Drive
Belleville MI 48111
Facility's Phone: 800 592-5489
U.S. EPA ID Number: MID048090633

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ UN3432, Polychlorinated biphenyls, solid 9, PGII	001	CM	EST 14545	K	CR01	PCB1	
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1)E105120WD1 - Debris with PCB Caulking ERG#171
CAN # 215

OUT OF SERVICE DATE: 6/14/10 UNIQUE CONTAINER # 215

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: David Wysocki
Signature: David Wysocki
Month 06 Day 14 Year 10

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: William Stoddard
Signature: William Stoddard
Month 06 Day 14 Year 10
Transporter 2 Printed/Typed Name
Signature
Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☒ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. PCB 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Ashley Buttin
Signature: Ashley Buttin
Month 06 Day 15 Year 10

GENERATOR / INT'L / TRANSPORTER / DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

TRANSPORTER'S COPY

3416464

Wayne Disposal, Inc.

49350 North I-94 Service Drive, Belleville, Michigan 48111

Receipt

EQ NORTHEAST
185 INDUSTRIAL ROAD
PO BOX 617
WRENTHAM, MA 02093

Receipt ID: 1185234
EQ Account #: 1125
Manifest / BOL: 007344041JJK
Transporter: NEDT
Date: 06/15/2010
Time In: 8:13 AM
Time Out: 10:21 AM

Line	Description Generator	Qty. Unit
1 - A	E105120WDI - DEBRIS WITH PCB CAULKING	25.000 YARD
	Hazardous Surcharge Cubic Yard-Bulk	25.000 YARD
	40CFRPART761 AMISTAD ACADEMY	
	Gross: 74,280 **Tare:** 42,760 **Net:** 31,520	

15.7

NO SALVAGING ON PREMISES

Page 1 of 1

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: 40C FRP ART 761
2. Page 1 of: 1
3. Emergency Response Phone: (800) 535-5053
4. Manifest Tracking Number: 007172350 JJK

5. Generator's Name and Mailing Address: AMISTAD ACADEMY
130 ELSEWOOD AVENUE
NEW HAVEN, CT 06511-4520
Generator's Phone: (203) 946-5680
Generator's Site Address (if different than mailing address):

6. Transporter 1 Company Name: EQ NORTHEAST, INC.
U.S. EPA ID Number: MAD 084 814 136

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address: WAYNE DISPOSAL, INC SITE 2 LANDFILL
49350 N I-94 SERVICE DRIVE
BELLEVILLE, MI 48111
Facility's Phone: (800) 592-5489
U.S. EPA ID Number: MID 048 090 633

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ, UN3432, Polychlorinated biphenyls, solid, mixture, 9, PGIII, ERG #171	1	CM	EST 16200	K	PCB1	CR01	
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1. E105120WD1 / (S)DEBRIS WITH PCB CAULKING / STORAGE START DATE 6/16/10 UNIQUE CONTAINER NUMBER

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: DAVID WYSOCKI
Signature: David Wysocki
Month 6 Day 28 Year 10

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Edward Harper
Signature: Edward Harper
Month 6 Day 28 Year 10
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator): Drop Can # 236 Amistad Academy
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. PCB 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: [illegible]
Signature:
Month Day Year

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

TRANSPORTER'S COPY

3394015

Wayne Disposal, Inc.

49350 North I-94 Service Drive, Belleville, Michigan 48111

Receipt

EQ NORTHEAST
185 INDUSTRIAL ROAD
PO BOX 617
WRENTHAM, MA 02093

Receipt ID: 1185733
EQ Account #: 1125
Manifest / BOL: 007172350JJK
Transporter: EQNE
Date: 06/29/2010
Time In: 9:43 AM
Time Out: 11:26 AM

Line	Description Generator	Qty. Unit
1 - A	E105120WDI - DEBRIS WITH PCB CAULKING	20.000 YARD
	Hazardous Surcharge Cubic Yard-Bulk	20.000 YARD
	40CFRPART761 AMISTAD ACADEMY	
	Gross: 72,700 Tare: 39,980 Net: 32,720	

16.3 Tons

NO SALVAGING ON PREMISES

Page 1 of 1

3394016

Form Approved. OMB No. 2050-0039

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: 40C FRP ART 761
2. Page 1 of 1
3. Emergency Response Phone: (800) 535-5053
4. Manifest Tracking Number: 007170937 JJK

5. Generator's Name and Mailing Address: AMISTAD ACADEMY
407 JAMES STREET
NEW HAVEN, CT 06513
Generator's Phone: (203) 946-5680

Generator's Site Address (if different than mailing address): 130 EDGEWOOD AVENUE
NEW HAVEN, CT 06511

6. Transporter 1 Company Name: EQ NORTHEAST, INC.
U.S. EPA ID Number: MAD 084 814 136

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address: WAYNE DISPOSAL, INC SITE 2 LANDFILL
49350 N I-94 SERVICE DRIVE
BELLEVILLE, MI 48111
Facility's Phone: (800) 592-5489
U.S. EPA ID Number: MID 048 090 633

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ, UN3432, Polychlorinated biphenyls, solid, mixture, 9, PGIII, ERG #171	001	CM	2222 (EST)	K	PCB1	CR01	
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1. E105120WDI / (S)DEBRIS WITH PCB CAULKING / STORAGE START DATE 7-5-10 UNIQUE CONTAINER NUMBER #236

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: DAVID WYSOCKI
Signature: David Wysocki
Month 07 Day 19 Year 10

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: JAMES A. ARNO JR
Signature: [signature]
Month 07 Day 19 Year 10
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. PCB
2.
3. Amistad
4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Michael Rohde
Signature: [signature]
Month Day Year

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

TRANSPORTER'S COPY

3445196

Receipt

EQ NORTHEAST
185 INDUSTRIAL ROAD
PO BOX 617
WRENTHAM, MA 02093

Receipt ID: 1186453
EQ Account #: 1125
Manifest / BOL: 007170937JJK
Transporter: EQNE
Date: 07/20/2010
Time In: 11:50 AM
Time Out: 1:26 PM

Line	Description Generator	Qty. Unit
1 - A	E105120WDI - DEBRIS WITH PCB CAULKING	20.000 YARD
	Hazardous Surcharge Cubic Yard-Bulk	20.000 YARD
	40CFRPART761 AMISTAD ACADEMY	
	Gross: 51,360 Tare: 40,880 Net: 10,480	

5.3

NO SALVAGING ON PREMISES

Page 1 of 1

3445197

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: 40C FRP ART 761
2. Page 1 of 1
3. Emergency Response Phone: (800) 535-5053
4. Manifest Tracking Number: 007170938 JJK

5. Generator's Name and Mailing Address: AMISTAD ACADEMY
407 JAMES STREET
NEW HAVEN, CT 06513
Generator's Phone: (203) 946-5880

Generator's Site Address (if different than mailing address):
130 EDGEWOOD AVENUE
NEW HAVEN, CT 06511

6. Transporter 1 Company Name: EQ NORTHEAST, INC. — U.S. EPA ID Number: MAD 084 814 136

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: WAYNE DISPOSAL, INC SITE 2 LANDFILL
49350 N I-94 SERVICE DRIVE
BELLEVILLE, MI 48111
Facility's Phone: (800) 592-5489 — U.S. EPA ID Number: MID 048 090 633

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ, UN3432, Polychlorinated biphenyls, solid, mixture, 9, PGIII, ERG #171	001	CM	8888.8 EST	K	PCB1	CR01	
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1. E106120WDI / (S)DEBRIS WITH PCB CAULKING / STORAGE START DATE 7-6 UNIQUE CONTAINER NUMBER 245
VOL ESTIMATED 1 CYD ESTIMATED WT / 8888.8 KG

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: x DAVID WISOCKI — Signature: [signature] — Month 07 Day 21 Year 10

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: JAMES A. AIRNO JR — Signature: [signature] — Month 07 Day 21 Year 10
Transporter 2 Printed/Typed Name — Signature — Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
S.P.
Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. PCB 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name — Signature — Month 07 Day 22 Year 10

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete. TRANSPORTER'S CO

3445211

Wayne Disposal, Inc.

49350 North I-94 Service Drive, Belleville, Michigan 48111

Receipt

EQ NORTHEAST
185 INDUSTRIAL ROAD
PO BOX 617
WRENTHAM, MA 02093

Receipt ID: 1186623
EQ Account #: 1125
Manifest / BOL: 007170938JJK
Transporter: EQNE
Date: 07/22/2010
Time In: 3:32 PM
Time Out: 5:01 PM

Line	Description Generator	Qty. Unit
1 - A	E105120WDI - DEBRIS WITH PCB CAULKING	14.600 TONS
	Hazardous Surcharge Ton	14.600 TONS
	40CFRPART761 AMISTAD ACADEMY	
	Gross: 69,500 **Tare:** 40,300 **Net:** 29,200	

14.6

NO SALVAGING ON PREMISES

Page 1 of 1

038

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: 40C FRP ART 761
2. Page 1 of: 1
3. Emergency Response Phone: (800) 535-5053
4. Manifest Tracking Number: 007169841 JJK

5. Generator's Name and Mailing Address: AMISTAD ACADEMY
407 JAMES STREET
NEW HAVEN, CT 06513
Generator's Phone: (203) 946-5890

Generator's Site Address (if different than mailing address):
130 EDGEWOOD AVENUE
NEW HAVEN, CT 06511

6. Transporter 1 Company Name: NEW ENGLAND DISPOSAL TECHNOLOGIES
U.S. EPA ID Number: MAC 300 008 059

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address: WAYNE DISPOSAL, INC SITE 2 LANDFILL
49350 N I-94 SERVICE DRIVE
BELLEVILLE, MI 48111
Facility's Phone: (800) 592-5469
U.S. EPA ID Number: MID 048 090 633

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ, UN3432, Polychlorinated biphenyls, solid, mixture, 9, PGIII, ERG #171	001	CM	EST 14545	K	PCB1	CRD1	
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1. E105120WDI / (5)DEBRIS WITH PCB CAULKING / STORAGE START DATE 7/31/10 UNIQUE CONTAINER NUMBER 137

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: DAVID WYSOCKI
Signature: [signature]
Month 08 Day 05 Year 10

INTL
16. International Shipments: ☑ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER
17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: William Stoddard
Signature: [signature]
Month 08 Day 05 Year 10
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED FACILITY
18. Discrepancy
18a. Discrepancy Indication Space: ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator)
U.S. EPA ID Number:
Facility's Phone:
18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. PCB 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Larry Leby
Signature: [signature]
Month 8 Day 6 Year 10

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete. TRANSPORTER'S COPY

3508786

Wayne Disposal, Inc.

49350 North I-94 Service Drive, Belleville, Michigan 48111

Receipt

EQ NORTHEAST
185 INDUSTRIAL ROAD
PO BOX 617
WRENTHAM, MA 02093

Receipt ID: 1187664
EQ Account #: 1125
Manifest / BOL: 007169841JJK
Transporter: NEDT
Date: 08/06/2010
Time In: 10:25 AM
Time Out: 12:17 PM

Line	Description Generator	Qty. Unit
1 - A	E105120WDI - DEBRIS WITH PCB CAULKING	16.120 TONS
	Hazardous Surcharge Ton	16.120 TONS
	40CFRPART761 AMISTAD ACADEMY	
	Gross: 75,200 Tare: 42,960 Net: 32,240	

NO SALVAGING ON PREMISES

038

Please print or style. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: 40C FRP ART 761
2. Page 1 of 1
3. Emergency Response Phone: (800) 535-5053
4. Manifest Tracking Number: 007169949 JJK

5. Generator's Name and Mailing Address: AMISTAD ACADEMY
407 JAMES STREET
NEW HAVEN, CT 06513
Generator's Phone: (203) 946-5660

Generator's Site Address (if different than mailing address): 130 EDGEWOOD AVENUE
NEW HAVEN, CT 06511

6. Transporter 1 Company Name: NEW ENGLAND DISPOSAL TECHNOLOGIES — U.S. EPA ID Number: MAC 300 008 059

7. Transporter 2 Company Name: — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: WAYNE DISPOSAL, INC SITE 2 LANDFILL
49350 N I-94 SERVICE DRIVE
BELLEVILLE, MI 48111
Facility's Phone: (800) 592-5489
U.S. EPA ID Number: MID 048 090 633

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ, UN3432, Polychlorinated biphenyls, solid, mixture, 9, PCBs, ERG 8171	001	CM	EST 16363	K	PCB1	DR01	
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1. E105120WDI / [illegible] PCB CAULKING / STORAGE [illegible] DATE 7/16/10 UNIQUE CONTA[illegible] 236

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: DAVID WYSOCKI — Signature: David Wysocki — Month 08 Day 09 Year 10

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: William Stoddard — Signature: William Stoddard — Month 08 Day 09 Year 10
Transporter 2 Printed/Typed Name: — Signature: — Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. PCB 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Larry Lubin — Signature: [signature] — Month 8 Day 10 Year 10

GENERATOR / INT'L / TRANSPORTER / DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

TRANSPORTER'S COPY

3508823

Wayne Disposal, Inc.

49350 North I-94 Service Drive, Belleville, Michigan 48111

Receipt

EQ NORTHEAST
185 INDUSTRIAL ROAD
PO BOX 617
WRENTHAM, MA 02093

Receipt ID: 1187815
EQ Account #: 1125
Manifest / BOL: 007169949JJK
Transporter: NEDT
Date: 08/10/2010
Time In: 11:50 AM
Time Out: 3:46 PM

Line	Description Generator	Qty. Unit
1 - A	E105120WDI - DEBRIS WITH PCB CAULKING	17.590 TONS
	Hazardous Surcharge Ton	17.590 TONS
	40CFRPART761 AMISTAD ACADEMY	
	Gross: 77,340 **Tare:** 42,160 **Net:** 35,180	

NO SALVAGING ON PREMISES

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: 40C FRP ART 761
2. Page 1 of 1
3. Emergency Response Phone: (800) 535-5053
4. Manifest Tracking Number: 007805269 JJK

5. Generator's Name and Mailing Address: AMISTAD ACADEMY
407 JAMES STREET
NEW HAVEN, CT 06513
Generator's Phone: (203) 946-5880

Generator's Site Address (if different than mailing address):
130 EDGEWOOD AVENUE
NEW HAVEN, CT 06511

6. Transporter 1 Company Name: EQ NORTHEAST, INC.
U.S. EPA ID Number: MAD 084 814 136

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address: WAYNE DISPOSAL, INC SITE 2 LANDFILL
49350 N I-94 SERVICE DRIVE
BELLEVILLE, MI 48111
Facility's Phone: (800) 592-5489
U.S. EPA ID Number: MID 048 090 633

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ, UN3432, Polychlorinated biphenyls, solid, mixture, 9, PGIII, ERG #171	001	CM	EST 31,000	K	PCB1	CR01	
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1. E106120WDF / (5)DEBRIS WITH PCB BUILDING / STORAGE START DATE 10 UNIQUE CONTAINER NUMBER 1

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: DAVID WYSOCKI Signature: [signature] Month 08 Day 16 Year 10

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Paul M Colonna Signature: [signature] Month 08 Day 16 Year 10
Transporter 2 Printed/Typed Name: Signature: Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
[illegible] per Denise Eulo [illegible] 8-17-10
Manifest Reference Number:
18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. PCB 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Michael Kline Signature: [signature] Month 8 Day 17 Year 10

GENERATOR — INTL — TRANSPORTER — DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete. TRANSPORTER'S COPY

Wayne Disposal, Inc.

49350 North I-94 Service Drive, Belleville, Michigan 48111

Receipt

EQ NORTHEAST
185 INDUSTRIAL ROAD
PO BOX 617
WRENTHAM, MA 02093

Receipt ID: 1188155
EQ Account #: 1125
Manifest / BOL: 007805269JJK
Transporter: EQNE
Date: 08/17/2010
Time In: 7:49 AM
Time Out: 10:18 AM

Line	Description Generator	Qty. Unit
1 - A	E105120WDI - DEBRIS WITH PCB CAULKING	15.640 TONS
	Hazardous Surcharge Ton	15.640 TONS
	40CFRPART761 AMISTAD ACADEMY	
	Gross: 72,840 **Tare:** 41,560 **Net:** 31,280	

NO SALVAGING ON PREMISES

Page 1 of 1

3516520

Invoice: 40250506 Workorder 15-01 2300900 Manifest 007349097JJK

Invoice: 40237189 Receipt 03-01 1188165 Manifest 007349097JJK

038

Form Approved. OMB No. 2050-0039

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: 40C FRP ART 761

2. Page 1 of 1

3. Emergency Response Phone: 800 698-1855

4. Manifest Tracking Number: 007349097 JJK

5. Generator's Name and Mailing Address: Amistad Academy, 407 James Street, New Haven CT 06513

Generator's Site Address (if different than mailing address): 130 Edgewood Avenue, New Haven CT 06511

Generator's Phone: 203 946-5680

6. Transporter 1 Company Name: New England Disposal Technologies, Inc. — U.S. EPA ID Number: MAC300008059

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: Wayne Disposal, Inc., 49350 N. I-94 Service Drive, Belleville MI 48111 — U.S. EPA ID Number: MID048090633

Facility's Phone: 800 592-5489

8a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ UN3432, Polychlorinated biphenyls, solid 9, PGII	001	CM	EST 14545	K	CR01	PCB1	
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information: 1)E105120WDI ERG#171

Out of Service Date: 8/12/10 Unique Container Number: 00046 T+M

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: DAVID WYSOCKI — Signature: [signature] — Month 08 Day 16 Year 10

16. International Shipments: ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Date leaving U.S.:

Transporter signature (for exports only):

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: William Stoddard — Signature: [signature] — Month 08 Day 16 Year 10

Transporter 2 Printed/Typed Name — Signature — Month Day Year

18. Discrepancy

18a. Discrepancy Indication Space: ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number: U.S. EPA ID Number

18b. Alternate Facility (or Generator)

Facility's Phone: Month Day Year

18c. Signature of Alternate Facility (or Generator)

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems): 1. PCB 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Larry Cohen — Signature: [signature] — Month 8 Day 17 Year 10

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete. DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

3495748

3606608

Wayne Disposal, Inc.

49350 North I-94 Service Drive, Belleville, Michigan 48111

Receipt

EQ NORTHEAST
185 INDUSTRIAL ROAD
PO BOX 617
WRENTHAM, MA 02093

Receipt ID: 1188165
EQ Account #: 1125
Manifest / BOL: 007349097JJK
Transporter: NEDT
Date: 08/17/2010
Time In: 10:39 AM
Time Out: 11:55 AM

Line	Description Generator	Qty. Unit
1 - A	E105120WDI - DEBRIS WITH PCB CAULKING	16.360 TONS
	Hazardous Surcharge Ton	16.360 TONS
	40CFRPART761 AMISTAD ACADEMY	
	Gross: 74,860 **Tare:** 42,140 **Net:** 32,720	

NO SALVAGING ON PREMISES

nvoice: 40244568 Workorder 15-01 2413600 Manifest 007802652JJK

Plea nt or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: 40C ERP ART 761
2. Page 1 of 1
3. Emergency Response Phone: (800) 535-5053
4. Manifest Tracking Number: 007802652 JJK

5. Generator's Name and Mailing Address: AMISTAD ACADEMY, 407 JAMES STREET, NEW HAVEN, CT 06513
Generator's Site Address (if different than mailing address): 130 EDGEWOOD AVENUE, NEW HAVEN, CT 06511
Generator's Phone: (203) 946-5660

6. Transporter 1 Company Name: EQ NORTHEAST, INC.
U.S. EPA ID Number: MAD 084 814 136

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address: WAYNE DISPOSAL, INC SITE 2 LANDFILL, 49350 N I-94 SERVICE DRIVE, BELLEVILLE, MI 48111
U.S. EPA ID Number: MID 048 090 633
Facility's Phone: (800) 592-5489

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. RQ, UN3432, Polychlorinated biphenyls, solid, mixture, 9, PGIII, ERG #171	001	CM	15 mO	K	PCB1 CR01
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1. E105120WDI / (S)DEBRIS WITH PCB CAULKING / STORAGE START DATE _____, UNIQUE CONTAINER NUMBER 176

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: DAVID WYSOCKI
Signature: David Wysocki
Month 8 Day 26 Year 10

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Peter Lavallee
Signature: Peter Lavallee
Month 8 Day 26 Year 10
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. PCB
2.
3.
4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Larry Liking
Signature:
Month 8 Day 27 Year 10

GENERATOR / INT'L / TRANSPORTER / DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

TRANSPORTER'S COPY

3535453

Wayne Disposal, Inc.

49350 North I-94 Service Drive, Belleville, Michigan 48111

Receipt

EQ NORTHEAST
185 INDUSTRIAL ROAD
PO BOX 617
WRENTHAM, MA 02093

Receipt ID: 1188685
EQ Account #: 1125
Manifest / BOL: 007802652JJK
Transporter: EQNE
Date: 08/27/2010
Time In: 7:31 AM
Time Out: 8:14 AM

Line	Description	Qty.	Unit
	Generator		
1 - A	E105120WDI - DEBRIS WITH PCB CAULKING	15.780	TONS
	Hazardous Surcharge Ton	15.780	TONS
	40CFRPART761 AMISTAD ACADEMY		
	Gross: 71,840 **Tare:** 40,280 **Net:** 31,560		

NO SALVAGING ON PREMISES

007805487JJK

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: 40C FRP ART 761
2. Page 1 of 1
3. Emergency Response Phone: (800) 535-5053
4. Manifest Tracking Number: 007805487 JJK

5. Generator's Name and Mailing Address: AMISTAD ACADEMY
407 JAMES STREET
NEW HAVEN, CT 06513
Generator's Phone: ~~(203) 946 5690~~

Generator's Site Address (if different than mailing address)
130 EDGEWOOD AVENUE
NEW HAVEN, CT 06511

6. Transporter 1 Company Name: EQ NORTHEAST, INC.
U.S. EPA ID Number: MAD 084 814 136

7. Transporter 2 Company Name: EQ Industrial Services
U.S. EPA ID Number: MIO 000 263871

8. Designated Facility Name and Site Address: WAYNE DISPOSAL, INC SITE 2 LANDFILL
49350 N I-94 SERVICE DRIVE
BELLEVILLE, MI 48111
Facility's Phone: (800) 592-5489
U.S. EPA ID Number: MID 048 090 633

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ, UN3432, Polychlorinated biphenyls, solid, mixture, 9, PGIII, ERG #171	008	CF	620	K	PCB1	CR01	ASBE
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1. F105068WDI / (S) DEBRIS WITH TSCA PCB CAULKING AND ACM >1% / SEE ATTACHED PCB CONTINUATION SHEET
MDNRE Asbestos NESHAP Program, Cadillac Place / 3058 W Grand Blvd, Suite 2-300, Detroit, MI 48207

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: X David Wysocki
Signature: [signature]
Month Day Year: 08 24 10

16. International Shipments ☐ Import to U.S. ☐ Export from U.S.
Transporter signature (for exports only):
Port of entry/exit:
Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: David A. Bishop
Signature: [signature]
Month Day Year: 08 24 10
Transporter 2 Printed/Typed Name: Ryan Rushton
Signature: [signature]
Month Day Year: 8 26 10

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
18b. Alternate Facility (or Generator)
Manifest Reference Number:
U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. PCB 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Gary Lelis
Signature: [signature]
Month Day Year: 8 2 10

GENERATOR | INT'L | TRANSPORTER | DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

CERTIFICATE OF DISPOSAL

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as PCB Solid

and specified on Manifest # 006174043JJK, Line Item 1 has been landfilled on

6/2, 2010 in accordance with all local, state and federal regualtions by:

Wayne Disposal, Inc.

(EPA I.D. # MID048090633)

49350 N. I-94 Service Drive, Belleville, Michigan 48111
Telephone: 1-800-KWALITY (592-5489)
Fax: 1-800-KWALFAX (592-5329)

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy. I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true accurate and complete.

Authorized Signature: Ashley Portzer

THE ENVIRONMENTAL QUALITY COMPANY 49350 N. I-94 SERVICE DRIVE BELLEVILLE MICHIGAN 48111

006174043JJK

CERTIFICATE OF DISPOSAL

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as PCB Solid and specified on Manifest # 006174203 JJK, Line Item 1 has been landfilled on 6/10, 2010 in accordance with all local, state and federal regualtions by:

Wayne Disposal, Inc.

(EPA I.D. # MID048090633)

49350 N. I-94 Service Drive, Belleville, Michigan 48111
Telephone: 1-800-KWALITY (592-5489)
Fax: 1-800-KWALFAX (592-5329)

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy. I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true accurate and complete.

Authorized Signature: Ashley Britzer

THE ENVIRONMENTAL QUALITY COMPANY 49350 N. I-94 SERVICE DRIVE BELLEVILLE MICHIGAN 48111

The electronic version of this document is the controlled version. Each user is responsible for ensuring that any document being used is the current version.

Form # REC-FM-014-BEL

12/12/08

006174203JJK

COD #2

CERTIFICATE OF DISPOSAL

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as PCB Solid

and specified on Manifest # 007169841 JJK, Line Item 1 has been landfilled on

Aug 6, 2010 in accordance with all local, state and federal regualtions by:

Wayne Disposal, Inc.

(EPA I.D. # MID048090633)

49350 N. I-94 Service Drive, Belleville, Michigan 48111
Telephone: 1-800-KWALITY (592-5489)
Fax: 1-800-KWALFAX (592-5329)

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true accurate and complete.

Authorized Signature: _____

COD #2

CERTIFICATE OF DISPOSAL

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as PCB SOLID

and specified on Manifest # 007169949 SJK, Line Item 1 has been landfilled on

Aug 10, 2010 in accordance with all local, state and federal regualtions by:

Wayne Disposal, Inc.

(EPA I.D. # MID048090633)

49350 N. I-94 Service Drive, Belleville, Michigan 48111
Telephone: 1-800-KWALITY (592-5489)
Fax: 1-800-KWALFAX (592-5329)

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy. I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true accurate and complete.

Authorized Signature:

CERTIFICATE OF DISPOSAL

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as PCB Solid

and specified on Manifest # 007170937JJK, Line Item 1 has been landfilled on

7/20, 2010 in accordance with all local, state and federal regualtions by:

Wayne Disposal, Inc.

(EPA I.D. # MID048090633)

49350 N. I-94 Service Drive, Belleville, Michigan 48111
Telephone: 1-800-KWALITY (592-5489)
Fax: 1-800-KWALFAX (592-5329)

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy. I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true accurate and complete.

Authorized Signature: Ashley Boutzi

THE ENVIRONMENTAL QUALITY COMPANY 49350 N. I-94 SERVICE DRIVE BELLEVILLE MICHIGAN 48111

007170937JJK

CERTIFICATE OF DISPOSAL

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as PCB Solid

and specified on Manifest # 007170938JJK Line Item 1 has been landfilled on

7/22, 2010 in accordance with all local, state and federal regualtions by:

Wayne Disposal, Inc.

(EPA I.D. # MID048090633)

49350 N. I-94 Service Drive, Belleville, Michigan 48111
Telephone: 1-800-KWALITY (592-5489)
Fax: 1-800-KWALFAX (592-5329)

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy. I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true accurate and complete.

Authorized Signature: Ashley Boutzer

THE ENVIRONMENTAL QUALITY COMPANY 49350 N. I-94 SERVICE DRIVE BELLEVILLE MICHIGAN 48111

007170938JJK

CERTIFICATE OF DISPOSAL

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as PCB SOLID

and specified on Manifest # 007172350JJK, Line Item 1 has been landfilled on

6/29, 2010 in accordance with all local, state and federal regualtions by:

Wayne Disposal, Inc.

(EPA I.D. # MID048090633)

49350 N. I-94 Service Drive, Belleville, Michigan 48111
Telephone: 1-800-KWALITY (592-5489)
Fax: 1-800-KWALFAX (592-5329)

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy. I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true accurate and complete.

Authorized Signature:

THE ENVIRONMENTAL QUALITY COMPANY 49350 N. I-94 SERVICE DRIVE BELLEVILLE MICHIGAN 48111

Form # REC-FM-014-BEL

The electronic version of this document is the controlled version. Each user is responsible for ensuring that any document being used is the current version.

12/12/08

007172350JJK

CERTIFICATE OF DISPOSAL

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as PCB Solid

and specified on Manifest # 007344041JJK, Line Item 1 has been landfilled on

6/15, 2010 in accordance with all local, state and federal regualtions by:

Wayne Disposal, Inc.

(EPA I.D. # MID048090633)

49350 N. I-94 Service Drive, Belleville, Michigan 48111
Telephone: 1-800-KWALITY (592-5489)
Fax: 1-800-KWALFAX (592-5329)

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy. I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true accurate and complete.

Authorized Signature: Ashley Butzin

THE ENVIRONMENTAL QUALITY COMPANY 49350 N. I-94 SERVICE DRIVE BELLEVILLE MICHIGAN 48111

007344041JJK

COD #2

CERTIFICATE OF DISPOSAL

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as PCB SOLID

and specified on Manifest # 007349097 JJK, Line Item 1 has been landfilled on

Aug 17, 2010 in accordance with all local, state and federal regualtions by:

Wayne Disposal, Inc.

(EPA I.D. # MID048090633)

49350 N. I-94 Service Drive, Belleville, Michigan 48111
Telephone: 1-800-KWALITY (592-5489)
Fax: 1-800-KWALFAX (592-5329)

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy. I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true accurate and complete.

Authorized Signature: _____

COD #5

CERTIFICATE OF DISPOSAL

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as PCB Solids

and specified on Manifest # 007802652 JJK, Line Item 1 has been landfilled on

Aug 27, 2010 in accordance with all local, state and federal regualtions by:

Wayne Disposal, Inc.

(EPA I.D. # MID048090633)

49350 N. I-94 Service Drive, Belleville, Michigan 48111
Telephone: 1-800-KWALITY (592-5489)
Fax: 1-800-KWALFAX (592-5329)

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy. I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true accurate and complete.

Authorized Signature:

COD #2

CERTIFICATE OF DISPOSAL

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as PCB Solid

and specified on Manifest # 007805269JOK, Line Item 1 has been landfilled on

8-17, 2000 in accordance with all local, state and federal regualtions by:

Wayne Disposal, Inc.

(EPA I.D. # MID048090633)

49350 N. I-94 Service Drive, Belleville, Michigan 48111
Telephone: 1-800-KWALITY (592-5489)
Fax: 1-800-KWALFAX (592-5329)

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy. I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true accurate and complete.

Authorized Signature: M S

COD #2

CERTIFICATE OF DISPOSAL

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as PCB SOLID

and specified on Manifest # 007805487556, Line Item 1 has been landfilled on

Sep 2, 2001 in accordance with all local, state and federal regualtions by:

Wayne Disposal, Inc.

(EPA I.D. # MID048090633)

49350 N. I-94 Service Drive, Belleville, Michigan 48111
Telephone: 1-800-KWALITY (592-5489)
Fax: 1-800-KWALFAX (592-5329)

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy. I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true accurate and complete.

Authorized Signature: _____

477

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number: 00000000000

2. Page 1 of 1

3. Emergency Response Phone

4. Waste Tracking Number: 201002NOR-18

5. Generator's Name and Mailing Address
AMISTAD ACADEMY
407 JAMES STREET
NEW HAVEN, CT 06513

Generator's Site Address (if different than mailing address)
AMISTAD ACADEMY
FORMER TIMOTHY DWIGHT SCHOOL
130 EDGEWOOD AVE, NEW HAVEN, CT 06511

Generator's Phone: 203-773-0390

6. Transporter 1 Company Name: TRANSWASTE, INC.
U.S. EPA ID Number: CTR000506410

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
COMMENWEALTH ENVIRONMENTAL SYSTEMS, L.P.
99 COMMONWEALTH ROAD
HEGINS, PA 17938
U.S. EPA ID Number: 00000000000

Facility's Phone: 570-695-3590

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	DOT Non Regulated Material (<50ppm PCB residual waste 502), <50ppm PCB REMEDIATION WASTE	01	CM		T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
SD-1)

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: DAVID W. SOCASI | Signature: [signature] | Month 8 | Day 2 | Year 10

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Ron Pino | Signature: [signature] | Month 8 | Day 2 | Year 10

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name | Signature | Month | Day | Year

GENERATOR

INT'L

TRANSPORTER

DESIGNATED FACILITY

TRANSPORTER #2

169-BLC-O 6 10498 (Rev. 8/06)

20100 2NU
479/18

COMMONWEALTH ENVIR. SYSTEMS LP

99 Commonwealth Road
Hegins, PA 17938
Phone (570) 695-3590

TICKET #00488181
STATION A SCALE B
DATE 08/04/10
TIME 08:28:34

CUSTOMER NE / Acc't
Nortech Environmental, LLC
P.O. Box 803
South Windsor, CT

VEHICLE CODE STAR

TIME IN 07:50:22 TIME OUT 08:28:34

GRID 3779

SOURCE CT Connecticut

REFUSE AA Amistead Academy

	lb
GROSS	75160
TARE	39500
NET	35660
NET TONS	**17.83**

DRIVER

WEIGHMASTER: Mary Lou
LICENSE: 057126

356

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number: 00000000000

2. Page 1 of 1

3. Emergency Response Phone

4. Waste Tracking Number: 201002NOR- 19

5. Generator's Name and Mailing Address
AMISTAD ACADEMY
407 JAMES STREET
NEW HAVEN, CT 06513
Generator's Phone: 203-773-0390

Generator's Site Address (if different than mailing address)
AMISTAD ACADEMY
FORMER TIMOTHY DWIGHT SCHOOL
130 EDGEWOOD AVE, NEW HAVEN, CT 06511
U.S. EPA ID Number: CTR000506410

6. Transporter 1 Company Name: TRANSWASTE, INC.
U.S. EPA ID Number:

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
COMMENWEALTH ENVIRONMENTAL SYSTEMS, L.P.
99 COMMONWEALTH ROAD
HEGINS, PA 17938
Facility's Phone: 570-695-3590
U.S. EPA ID Number: 00000000000

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	DOT Non Regulated Material (<50ppm PCB residual waste 502), <50ppm PCB REMEDIATION WASTE	01	CM		T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: DAVID WYSOCKI
Signature: [signature]
Month 8 Day 3 Year 10

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Tom Pine
Signature: [signature]
Month 8 Day 3 Year 10

Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
U.S. EPA ID Number

17b. Alternate Facility (or Generator)
Facility's Phone:
Month Day Year

17c. Signature of Alternate Facility (or Generator)

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name:
Signature:
Month Day Year

GENERATOR
INT'L
TRANSPORTER
DESIGNATED FACILITY

TRANSPORTER #2

169-BLC-O 6 10498 (Rev. 8/06)

20100ZNOK 19
356/

COMMONWEALTH ENVIR. SYSTEMS LP

99 Commonwealth Road
Hegins, PA 17938
Phone (570) 695-3590

TICKET #00488188
STATION A SCALE B
DATE 08/04/10
TIME 08:42:55

CUSTOMER NE / Acc't
Nortech Environmental, LLC
P.O. Box 803
South Windsor, CT

VEHICLE CODE STAR272

TIME IN 08:08:19 TIME OUT 08:42:55

GRID 3779

SOURCE CT Connecticut

REFUSE AA Amistead Academy

DRIVER

	lb
GROSS	76460
TARE	39760
NET	36700
NET TONS	**18.35**

WEIGHMASTER: Mary Lou
LICENSE: 057126

511

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number 00000000000	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number 204002NOR-20

5. Generator's Name and Mailing Address
AMISTAD ACADEMY
407 JAMES STREET
NEW HAVEN, CT 06513
Generator's Phone: 203-773-0390

Generator's Site Address (if different than mailing address)
AMISTAD ACADEMY
FORMER TIMOTHY DWIGHT SCHOOL
130 EDGEWOOD AVE, NEW HAVEN, CT 06511

6. Transporter 1 Company Name: TRANSWASTE, INC. — U.S. EPA ID Number: CTR000506410

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
COMMENWEALTH ENVIRONMENTAL SYSTEMS, L.P.
99 COMMONWEALTH ROAD
HEGINS, PA 17938
Facility's Phone: 570-695-3590
U.S. EPA ID Number: 00000000000

9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1. DOT Non Regulated Material (<50ppm PCB residual waste 502), <50ppm PCB REMEDIATION WASTE	01	CM		T
2.				
3.				
4.				

13. Special Handling Instructions and Additional Information
9b 11

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Generator's/Offeror's Printed/Typed Name: DAVID WISOCKI — Signature: [signature] — Month 8 Day 9 Year 10

15. International Shipments ☑ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: ROY PINT — Signature: [signature] — Month 8 Day 9 Year 10
Transporter 2 Printed/Typed Name — Signature — Month Day Year

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name — Signature — Month Day Year

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

TRANSPORTER #2

169-BLC-O 6 10498 (Rev. 8/06)

20100280K
517 20

COMMONWEALTH ENVIR. SYSTEMS LP

99 Commonwealth Road
Hegins, PA 17938
Phone (570) 695-3590

TICKET #00488343
STATION A SCALE B
DATE 08/05/10
TIME 07:29:39

CUSTOMER NE / Acc't
Nortech Environmental, LLC
P.O. Box 803
South Windsor, CT

VEHICLE CODE RED

TIME IN 07:09:59 TIME OUT 07:29:39

GRID 3780

SOURCE CT Connecticut

REFUSE AA Amistead Academy

	lb
GROSS	68500
TARE	36420
NET	32080
NET TONS	**16.04**

DRIVER

WEIGHMASTER: Mary Lou
LICENSE: 057126

282

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number 00000000000	2. Page 1 of 1	3. Emergency Response Phone	4. Waste Tracking Number 201002NOR-21

5. Generator's Name and Mailing Address
AMISTAD ACADEMY
407 JAMES STREET
NEW HAVEN, CT 06513
Generator's Phone: 203-773-0390

Generator's Site Address (if different than mailing address)
AMISTAD ACADEMY
FORMER TIMOTHY DWIGHT SCHOOL
130 EDGEWOOD AVE, NEW HAVEN, CT 06511

6. Transporter 1 Company Name: TRANSWASTE, INC. — U.S. EPA ID Number: CTR000506410

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
COMMENWEALTH ENVIRONMENTAL SYSTEMS, L.P.
99 COMMONWEALTH ROAD
HEGINS, PA 17938
Facility's Phone: 570-695-3590
U.S. EPA ID Number: 00000000000

9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1. DOT Non Regulated Material (<50ppm PCB residual waste 502), <50ppm PCB REMEDIATION WASTE	01	CM		T
2.				
3.				
4.				

13. Special Handling Instructions and Additional Information
90.1)

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: DAVID WYSOCK — Signature: [signature] — Month 8 Day 5 Year 10

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Ron [illegible] — Signature: [signature] — Month 8 Day 5 Year 10
Transporter 2 Printed/Typed Name — Signature — Month Day Year

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name — Signature — Month Day Year

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

169-BLC-O 6 10498 (Rev. 8/06)

TRANSPORTER #2

282

COMMONWEALTH ENVIR. SYSTEMS LP

99 Commonwealth Road
Hegins, PA 17938
Phone (570) 695-3590

TICKET #00488544
STATION A SCALE B
DATE 08/06/10
TIME 08:25:07

CUSTOMER NE / Acc't
Nortech Environmental, LLC
P.O. Box 803
South Windsor, CT

VEHICLE CODE TRANS

TIME IN 07:49:36 TIME OUT 08:25:07

GRID 3781

SOURCE CT Connecticut

REFUSE AA Amistead Academy

	lb
GROSS	69840
TARE	36500
NET	33340
NET TONS	**16.67**

DRIVER

WEIGHMASTER: Mary Lou
LICENSE: 057126

490

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number 00000000000	2. Page 1 of 1	3. Emergency Response Phone	4. Waste Tracking Number 201002NOR-22

5. Generator's Name and Mailing Address
AMISTAD ACADEMY
407 JAMES STREET
NEW HAVEN, CT 06513
Generator's Phone: 203-773-0390

Generator's Site Address (if different than mailing address)
AMISTAD ACADEMY
FORMER TIMOTHY DWIGHT SCHOOL
130 EDGEWOOD AVE, NEW HAVEN, CT 06511

6. Transporter 1 Company Name: TRANSWASTE, INC — U.S. EPA ID Number: CTR000506410

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
COMMENWEALTH ENVIRONMENTAL SYSTEMS, L.P.
99 COMMONWEALTH ROAD
HEGINS, PA 17938
Facility's Phone: 570-695-3590
U.S. EPA ID Number: 00000000000

9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1. DOT Non Regulated Material (<50ppm PCB residual waste 502), <50ppm PCB REMEDIATION WASTE	01	CM		T
2.				
3.				
4.				

13. Special Handling Instructions and Additional Information

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: David Wysocki — Signature: [signature] — Month 8 Day 5 Year 10

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: [illegible] — Signature: [signature] — Month 8 Day 5 Year 10

Transporter 2 Printed/Typed Name — Signature — Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month Day Year

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

169-BLC-O 6 10498 (Rev. 8/06) GENERATOR'S/SHIPPER'S INITIAL COPY

490

COMMONWEALTH ENVIR. SYSTEMS LP

99 Commonwealth Road
Hegins, PA 17938
Phone (570) 695-3590

TICKET #00488545
STATION A SCALE B
DATE 08/06/10
TIME 08:27:01

CUSTOMER NE / Acc't
Nortech Environmental, LLC
P.O. Box 803
South Windsor, CT

VEHICLE CODE STAR263

TIME IN 07:50:13 TIME OUT 08:27:01

GRID 3781

SOURCE CT Connecticut

REFUSE AA Amistead Academy

	lb
GROSS	71420
TARE	39100
NET	32320
NET TONS	**16.16**

DRIVER

WEIGHMASTER: Mary Lou
LICENSE: 057126

480

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number 00000000000	2. Page 1 of 1	3. Emergency Response Phone	4. Waste Tracking Number 201002NOR- 23

5. Generator's Name and Mailing Address
AMISTAD ACADEMY
407 JAMES STREET
NEW HAVEN, CT 06513
Generator's Phone: 203-773-0390

Generator's Site Address (if different than mailing address)
AMISTAD ACADEMY
FORMER TIMOTHY DWIGHT SCHOOL
130 EDGEWOOD AVE, NEW HAVEN, CT 06511

6. Transporter 1 Company Name: TRANSWASTE, INC.
U.S. EPA ID Number: CTR000506410

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
COMMENWEALTH ENVIRONMENTAL SYSTEMS, L.P.
99 COMMONWEALTH ROAD
HEGINS, PA 17938
Facility's Phone: 570-695-3590
U.S. EPA ID Number: 00000000000

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	DOT Non Regulated Material (<50ppm PCB residual waste 502), <50ppm PCB REMEDIATION WASTE	01	CM		T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
(9b.1)

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Generator's/Offeror's Printed/Typed Name: DAVID WYSOCKI
Signature: David Wysocki
Month 08 Day 19 Year 10

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Ron Prisco
Signature:
Month 8 Day 4 Year 10
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

17. Discrepancy
17a. Discrepancy indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name:
Signature:
Month Day Year

GENERATOR | INT'L | TRANSPORTER | DESIGNATED FACILITY

TRANSPORTER #2

169-BLC-O 6 10498 (Rev. 8/06)

201002NOR 23 480

COMMONWEALTH ENVIR. SYSTEMS LP

99 Commonwealth Road
Hegins, PA 17938
Phone (570) 695-3590

TICKET #00488369
STATION A SCALE B
DATE 08/05/10
TIME 08:46:26

CUSTOMER NE / Acc't
Nortech Environmental, LLC
P.O. Box 803
South Windsor, CT

VEHICLE CODE TRANS

TIME IN 07:55:20 TIME OUT 08:46:26

GRID 3780

SOURCE CT Connecticut

REFUSE AA Amistead Academy

DRIVER

	lb
GROSS	71500
TARE	40500
NET	31000
NET TONS	**15.50**

WEIGHMASTER: Mary Lou
LICENSE: 057126

24 c

...DOUS ...IFEST	1. Generator ID Number 00000000000	2. Page 1 of 1	3. Emergency Response Phone	4. Waste Tracking Number 201002NOR-25

...ne and Mailing Address
...D ACADEMY
407 JAMES STREET
NEW HAVEN, CT 06513
Generator's Phone: 203-773-0390

Generator's Site Address (if different than mailing address)
AMISTAD ACADEMY
FORMER TIMOTHY DWIGHT SCHOOL
130 EDGEWOOD AVE, NEW HAVEN, CT 06511

6. Transporter 1 Company Name: TRANSWASTE, INC. — U.S. EPA ID Number: CTR000506410

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
COMMENWEALTH ENVIRONMENTAL SYSTEMS, L.P.
99 COMMONWEALTH ROAD
HEGINS, PA 17938
Facility's Phone: 570-695-3590
U.S. EPA ID Number: 00000000000

9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1. DOT Non Regulated Material (<50ppm PCB residual waste 502), <50ppm PCB REMEDIATION WASTE	01	CM		T
2.				
3.				
4.				

13. Special Handling Instructions and Additional Information
9b.1)

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: Dave Wysoki — Signature: [signature] — Month 8 Day 6 Year 10

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Ron Prisio — Signature: [signature] — Month 8 Day 6 Year 10
Transporter 2 Printed/Typed Name — Signature — Month Day Year

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name — Signature — Month Day Year

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

169-BLC-O 6 10498 (Rev. 8/06)

DESIGNATED FACILITY TO GENERATOR

20100 ZNOK 21
297

COMMONWEALTH ENVIR. SYSTEMS LP

99 Commonwealth Road
Hegins, PA 17938
Phone (570) 695-3590

TICKET #00488772
STATION A SCALE B
DATE 08/09/10
TIME 10:24:35

CUSTOMER NE / Acc't
Nortech Environmental, LLC
P.O. Box 803
South Windsor, CT

VEHICLE CODE TRANS

TIME IN 07:57:46 TIME OUT 10:24:35

GRID 3782

SOURCE CT Connecticut

REFUSE AA Amistead Academy

DRIVER

	lb
GROSS	67260
TARE	34580
NET	32680
NET TONS	**16.34**

WEIGHMASTER: Mary Lou
LICENSE: 057126

344

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number 00000000000	2. Page 1 of 1	3. Emergency Response Phone	4. Waste Tracking Number 201002NOR-26

5. Generator's Name and Mailing Address
AMISTAD ACADEMY
407 JAMES STREET
NEW HAVEN, CT 06513
Generator's Phone: 203-773-0390

Generator's Site Address (if different than mailing address)
AMISTAD ACADEMY
FORMER TIMOTHY DWIGHT SCHOOL
130 EDGEWOOD AVE, NEW HAVEN, CT 06511

6. Transporter 1 Company Name: TRANSWASTE, INC.
U.S. EPA ID Number: CTR000506410

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
COMMENWEALTH ENVIRONMENTAL SYSTEMS, L.P.
99 COMMONWEALTH ROAD
HEGINS, PA 17938
Facility's Phone: 570-695-3590
U.S. EPA ID Number: 00000000000

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. DOT Non Regulated Material (<50ppm PCB residual waste 502), <50ppm PCB REMEDIATION WASTE	01	CM		T	
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information
9b.1)

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Generator's/Offeror's Printed/Typed Name: DAVID WYSOCKI
Signature:
Month 8 Day 10 Year 10

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Ron Orvse
Signature:
Month 8 Day 10 Year 10
Transporter 2 Printed/Typed Name
Signature
Month Day Year

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name
Signature
Month Day Year

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

169-BLC-O 6 10498 (Rev. 8/06)

DESIGNATED FACILITY TO GENERATOR

344
20100ZNOR26

COMMONWEALTH ENVIR. SYSTEMS LP

99 Commonwealth Road
Hegins, PA 17938
Phone (570) 695-3590

TICKET #00489067
STATION A SCALE B
DATE 08/11/10
TIME 08:08:14

CUSTOMER NE / Acc't
Nortech Environmental, LLC
P.O. Box 803
South Windsor, CT

VEHICLE CODE STAR

TIME IN 07:21:58 TIME OUT 08:08:14

GRID 3784

SOURCE CT Connecticut

REFUSE AA Amistead Academy

DRIVER Paul Konarski

	lb
GROSS	71300
TARE	41220
NET	30080
NET TONS	15.04

WEIGHMASTER: Mary Lou
LICENSE: 057126

364

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number: 000000000000
2. Page 1 of 1
3. Emergency Response Phone:
4. Waste Tracking Number: 201002NOR-27

5. Generator's Name and Mailing Address
AMISTAD ACADEMY
407 JAMES STREET
NEW HAVEN, CT 06513
Generator's Phone: 203-773-0390

Generator's Site Address (if different than mailing address)
AMISTAD ACADEMY
FORMER TIMOTHY DWIGHT SCHOOL
130 EDGEWOOD AVE, NEW HAVEN, CT 06511

6. Transporter 1 Company Name: TRANSWASTE, INC.
U.S. EPA ID Number: CTR000506410

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
COMMENWEALTH ENVIRONMENTAL SYSTEMS, L.P.
99 COMMONWEALTH ROAD
HEGINS, PA 17938
Facility's Phone: 570-695-3590
U.S. EPA ID Number: 00000000000

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	DOT Non Regulated Material (<50ppm PCB residual waste 502), <50ppm PCB REMEDIATION WASTE	01	CM		T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
9b.1)

14. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Generator's/Offeror's Printed/Typed Name: DAVID WYSOCK
Signature: David Wysock
Month 8 Day 11 Year 10

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Ron Prisco
Signature:
Month 8 Day 11 Year 10
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator)
U.S. EPA ID Number:
Facility's Phone:
17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name:
Signature:
Month Day Year

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

169-BLC-O 6 10498 (Rev. 8/06)

DESIGNATED FACILITY TO GENERATOR

20100 2 NUR
369 27

COMMONWEALTH ENVIR. SYSTEMS LP

99 Commonwealth Road
Hegins, PA 17938
Phone (570) 695-3590

TICKET #00489389
STATION A SCALE B
DATE 08/13/10
TIME 07:26:50

CUSTOMER NE / Acc't
Nortech Environmental, LLC
P.O. Box 803
South Windsor, CT

VEHICLE CODE TRANS

TIME IN 07:04:26 TIME OUT 07:26:50

GRID 3786

SOURCE CT Connecticut

REFUSE AA Amistead Academy

DRIVER

	lb
GROSS	64180
TARE	36380
NET	27800
NET TONS	**13.90**

WEIGHMASTER: Mary Lou
LICENSE: 057126

#479 10/7

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number 00000000000	2. Page 1 of 1	3. Emergency Response Phone	4. Waste Tracking Number 201002NOR- 28

GENERATOR

5. Generator's Name and Mailing Address
AMISTAD ACADEMY
407 JAMES STREET
NEW HAVEN, CT 06513
Generator's Phone: 203-773-0390

Generator's Site Address (if different than mailing address)
AMISTAD ACADEMY
FORMER TIMOTHY DWIGHT SCHOOL
130 EDGEWOOD AVE, NEW HAVEN, CT 06511

6. Transporter 1 Company Name: TRANSWASTE, INC.
U.S. EPA ID Number: CTR000506410

7. Transporter 2 Company Name
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
COMMENWEALTH ENVIRONMENTAL SYSTEMS, L.P.
99 COMMONWEALTH ROAD
HEGINS, PA 17938
Facility's Phone: 570-695-3590
U.S. EPA ID Number: 00000000000

9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1. DOT Non Regulated Material (<50ppm PCB residual waste 502), <50ppm PCB REMEDIATION WASTE	01	CM		T
2.				
3.				
4.				

13. Special Handling Instructions and Additional Information
9b.1)
CONCRETE FROM CENTER COURTYARD
X-TRA.

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: Dave Wysoki
Signature: Dave Wysoki
Month 8 Day 13 Year 10

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Luis Baez
Signature:
Month 8 Day 13 Year 10

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name
Signature
Month Day Year

201002 479

COMMONWEALTH ENVIR. SYSTEMS LP

TICKET #00490251

99 Commonwealth Road
Hegins, PA 17938
Phone (570) 695-3590

STATION A SCALE B
DATE 08/20/10
TIME 06:28:26

CUSTOMER NE / Acc't
Nortech Environmental, LLC
P.O. Box 803
South Windsor, CT

VEHICLE CODE TRANS

TIME IN 06:14:59 TIME OUT 06:28:26

GRID 3791

	lb
GROSS	61660
TARE	36840
NET	24820
NET TONS	12.41

SOURCE CT Connecticut

REFUSE AA Amistead Academy

DRIVER

WEIGHMASTER: Mary Lou
LICENSE: 057126

5 IT Concrete

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number: 00000000000
2. Page 1 of 1
3. Emergency Response Phone
4. Waste Tracking Number: 201002NOR-29

5. Generator's Name and Mailing Address
AMISTAD ACADEMY
407 JAMES STREET
NEW HAVEN, CT 06513
Generator's Phone: 203-773-0390

Generator's Site Address (if different than mailing address)
AMISTAD ACADEMY
FORMER TIMOTHY DWIGHT SCHOOL
130 EDGEWOOD AVE, NEW HAVEN, CT 06511

6. Transporter 1 Company Name: TRANSWASTE, INC.
U.S. EPA ID Number: CTR000506410

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
COMMENWEALTH ENVIRONMENTAL SYSTEMS, L.P.
99 COMMONWEALTH ROAD
HEGINS, PA 17938
Facility's Phone: 570-695-3590
U.S. EPA ID Number: 00000000000

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	DOT Non Regulated Material (<50ppm PCB residual waste 502), <50ppm PCB REMEDIATION WASTE	01	CM		T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
9b.1)

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Generator's/Offeror's Printed/Typed Name: DAVID WYSOCKI
Signature: [signature]
Month Day Year: 8 16 10

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Ron Prior
Signature: [signature]
Month Day Year: 8 16 10
Transporter 2 Printed/Typed Name
Signature
Month Day Year

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name
Signature
Month Day Year

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

169-BLC-O 6 10498 (Rev. 8/06)

DESIGNATED FACILITY TO GENERATOR

201009 NOK 29
317

COMMONWEALTH ENVIR. SYSTEMS LP
99 Commonwealth Road
Hegins, PA 17938
Phone (570) 695-3590

TICKET #00489719
STATION A SCALE B
DATE 08/17/10
TIME 07:37:23

CUSTOMER NE / Acc't
Nortech Environmental, LLC
P.O. Box 803
South Windsor, CT

VEHICLE CODE TRANS

TIME IN 07:09:30 TIME OUT 07:37:23

GRID 3788

SOURCE CT Connecticut

REFUSE AA Amistead Academy

	lb
GROSS	59780
TARE	36580
NET	23200
NET TONS	**11.60**

DRIVER

WEIGHMASTER: Mary Lou
LICENSE: 057126

X-TRA-CONCRETE #356

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number 00000000000	2. Page 1 of 1	3. Emergency Response Phone	4. Waste Tracking Number 201002NOR-31

5. Generator's Name and Mailing Address
AMISTAD ACADEMY
407 JAMES STREET
NEW HAVEN, CT 06513
Generator's Phone: 203-773-0390

Generator's Site Address (if different than mailing address)
AMISTAD ACADEMY
FORMER TIMOTHY DWIGHT SCHOOL
130 EDGEWOOD AVE, NEW HAVEN, CT 06511

6. Transporter 1 Company Name: TRANSWASTE, INC.
U.S. EPA ID Number: CTR000506410

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
COMMENWEALTH ENVIRONMENTAL SYSTEMS, L.P.
99 COMMONWEALTH ROAD
HEGINS, PA 17938
Facility's Phone: 570-695-3590
U.S. EPA ID Number: 00000000000

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	DOT Non Regulated Material (<50ppm PCB residual waste 502), <50ppm PCB REMEDIATION WASTE	01	CM		T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
9b.1)
X-TRA Concrete

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Generator's/Offeror's Printed/Typed Name: DAVID WYSOCKI
Signature
Month 8 Day 19 Year 10

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: TRANSWASTE
Signature
Month 8 Day 19 Year 10
Transporter 2 Printed/Typed Name
Signature
Month Day Year

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name
Signature
Month Day Year

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

20100 2NOR31

COMMONWEALTH ENVIR. SYSTEMS LP

99 Commonwealth Road
Hegins, PA 17938
Phone (570) 695-3590

TICKET #00490270
STATION A SCALE B
DATE 08/20/10
TIME 07:03:13

CUSTOMER NE / Acc't
Nortech Environmental, LLC
P.O. Box 903
South Windsor, CT

VEHICLE CODE TRANS281

TIME IN 06:41:33 TIME OUT 07:03:13

GRID 3791

SOURCE CT Connecticut

REFUSE AA Amistead Academy

DRIVER

	lb
GROSS	56140
TARE	35460
NET	20680
NET TONS	**10.34**

WEIGHMASTER: Mary Lou
LICENSE: 057126

297 1450

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number 000000000000	2. Page 1 of 1	3. Emergency Response Phone	4. Waste Tracking Number 201002NOR- 32

GENERATOR

5. Generator's Name and Mailing Address
AMISTAD ACADEMY
407 JAMES STREET
NEW HAVEN, CT 06513
Generator's Phone: 203-773-0390

Generator's Site Address (if different than mailing address)
AMISTAD ACADEMY
FORMER TIMOTHY DWIGHT SCHOOL
130 EDGEWOOD AVE, NEW HAVEN, CT 06511

6. Transporter 1 Company Name: TRANSWASTE, INC.
U.S. EPA ID Number: CTR000506410

7. Transporter 2 Company Name
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
COMMENWEALTH ENVIRONMENTAL SYSTEMS, L.P.
99 COMMONWEALTH ROAD
HEGINS, PA 17938
Facility's Phone: 570-695-3590
U.S. EPA ID Number: 000000000000

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. DOT Non Regulated Material (<50ppm PCB residual waste 502), , <50ppm PCB REMEDIATION WASTE		CM		T	
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information
9b.1)

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: DAVID WYSOCK | Signature: [signature] | Month 8 Day 19 Year 10

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Ron Prisio | Signature: [signature] | Month 8 Day 19 Year 10

Transporter 2 Printed/Typed Name | Signature | Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) | U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name | Signature | Month 08 Day 20 Year 10

169-BLC-O 6 10498 (Rev. 8/06)

DESIGNATED FACILITY TO GENERATOR

297 32

COMMONWEALTH ENVIR. SYSTEMS LP

99 Commonwealth Road
Hegins, PA 17938
Phone (570) 695-3590

TICKET #00490346
STATION A SCALE B
DATE 08/20/10
TIME 10:23:06

CUSTOMER NE / Acc't
Nortech Environmental, LLC
P.O. Box 803
South Windsor, CT

VEHICLE CODE STAR272

TIME IN 09:43:33 TIME OUT 10:23:06

GRID 3791

	lb
GROSS	78620
TARE	40860
NET	37760
NET TONS	**18.88**

SOURCE CT Connecticut

REFUSE AA Amistead Academy

DRIVER Paul Kosnoski

WEIGHMASTER: Mary Lou
LICENSE: 057126

Concrete 327

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number 00000000000	2. Page 1 of 1	3. Emergency Response Phone	4. Waste Tracking Number 201002NOR-33

5. Generator's Name and Mailing Address
AMISTAD ACADEMY
407 JAMES STREET
NEW HAVEN, CT 06513
Generator's Phone: 203-773-0390

Generator's Site Address (if different than mailing address)
AMISTAD ACADEMY
FORMER TIMOTHY DWIGHT SCHOOL
130 EDGEWOOD AVE, NEW HAVEN, CT 06511

6. Transporter 1 Company Name: TRANSWASTE, INC. — U.S. EPA ID Number: CTR000506410

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
COMMENWEALTH ENVIRONMENTAL SYSTEMS, L.P.
99 COMMONWEALTH ROAD
HEGINS, PA 17938
Facility's Phone: 570-695-3590
U.S. EPA ID Number: 00000000000

9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1. DOT Non Regulated Material (<50ppm PCB residual waste 502), <50ppm PCB REMEDIATION WASTE		CM		T
2.				
3.				
4.				

13. Special Handling Instructions and Additional Information
9b.1)

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: David Wysocki — Signature: [signature] — Month 8 Day 20 Year 10

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Ron Prisco — Signature: [signature] — Month 8 Day 20 Year 10
Transporter 2 Printed/Typed Name — Signature — Month Day Year

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name — Signature — Month Day Year

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

169-BLC-O 6 10498 (Rev. 8/06)

DESIGNATED FACILITY TO GENERATOR

327
20100210#33

COMMONWEALTH ENVIR. SYSTEMS LP

99 Commonwealth Road
Hegins, PA 17938
Phone (570) 695-3590

TICKET #00490576
STATION A SCALE B
DATE 08/23/10
TIME 12:45:18

CUSTOMER NE / Acc't
Nortech Environmental, LLC
P.O. Box 803
South Windsor, CT

VEHICLE CODE TRANS

TIME IN 12:15:20 TIME OUT 12:45:18

GRID 3792

SOURCE CT Connecticut

REFUSE AA Amistead Academy

	lb
GROSS	66500
TARE	34240
NET	32260
NET TONS	**16.13**

DRIVER

WEIGHMASTER: Mary Lou
LICENSE: 057126

448

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number 00000000000	2. Page 1 of 1	3. Emergency Response Phone	4. Waste Tracking Number 201002NOR-34

5. Generator's Name and Mailing Address
AMISTAD ACADEMY
407 JAMES STREET
NEW HAVEN, CT 06513
Generator's Phone: 203-773-0390

Generator's Site Address (if different than mailing address)
AMISTAD ACADEMY
FORMER TIMOTHY DWIGHT SCHOOL
130 EDGEWOOD AVE, NEW HAVEN, CT 06511

6. Transporter 1 Company Name
TRANSWASTE, INC.
U.S. EPA ID Number CTR000506410

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
COMMENWEALTH ENVIRONMENTAL SYSTEMS, L.P.
99 COMMONWEALTH ROAD
HEGINS, PA 17938
Facility's Phone: 570-695-3590
U.S. EPA ID Number 00000000000

9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1. DOT Non Regulated Material (<50ppm PCB residual waste 502), <50ppm PCB REMEDIATION WASTE		CM		T
2.				
3.				
4.				

13. Special Handling Instructions and Additional Information
9b.1)

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Generator's/Offeror's Printed/Typed Name: David Wysocki
Signature: David Wysocki
Month 8 Day 27 Year 10

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Ron Petsco
Signature:
Month 8 Day 27 Year 10
Transporter 2 Printed/Typed Name
Signature
Month Day Year

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
17b. Alternate Facility (or Generator) Manifest Reference Number:
U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name
Signature
Month Day Year

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

169-BLC-O 6 10498 (Rev. 8/06)

DESIGNATED FACILITY TO GENERATOR

09/07/2010 15:14 2032698600 TRANSWASTE INC PAGE 02/02

COMMONWEALTH ENVIR. SYSTEMS LP

99 Commonwealth Road
Regina, PA 17938
Phone (570) 695-3590

TICKET 000492152
STATION A SCALE B
DATE 09/08/10
TIME 07:05:58

CUSTOMER NE / Acc't
Nortech Environmental, LLC
P.O. Box 803
South Windsor, CT

VEHICLE CODE TRANS

TIME IN 06:53:08 TIME OUT 07:45:52

GRID 3801

GROSS	16
TARE	69040
NET	33900
NET TONS	33060
	16.53

SOURCE [illegible]

REFUSE PA Amistead Academy

DRIVER

WEIGHMASTER: Mary Lou
LICENSE: 057126

428

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number 00000000000	2. Page 1 of 1	3. Emergency Response Phone	4. Waste Tracking Number 201002NOR- 35

GENERATOR

5. Generator's Name and Mailing Address
AMISTAD ACADEMY
407 JAMES STREET
NEW HAVEN, CT 06513
Generator's Phone: 203-773-0390

Generator's Site Address (if different than mailing address)
AMISTAD ACADEMY
FORMER TIMOTHY DWIGHT SCHOOL
130 EDGEWOOD AVE, NEW HAVEN, CT 06511

6. Transporter 1 Company Name: TRANSWASTE, INC.
U.S. EPA ID Number: CTR000506410

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
COMMENWEALTH ENVIRONMENTAL SYSTEMS, L.P.
99 COMMONWEALTH ROAD
HEGINS, PA 17938
Facility's Phone: 570-695-3590
U.S. EPA ID Number: 00000000000

9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1. DOT Non Regulated Material (<50ppm PCB residual waste 502), , <50ppm PCB REMEDIATION WASTE		CM		T
2.				
3.				
4.				

13. Special Handling Instructions and Additional Information
9b.1)

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Generator's/Offeror's Printed/Typed Name: DAVID WYSOCKI
Signature: [signature]
Month Day Year: 8 20 10

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Ron Pizio
Signature: [signature]
Month Day Year: 8 20 10
Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name
Signature
Month Day Year

201002NOR35
4E8

COMMONWEALTH ENVIR. SYSTEMS LP

99 Commonwealth Road
Hegins, PA 17938
Phone (570) 695-3590

TICKET #00490512
STATION A SCALE B
DATE 08/23/10
TIME 09:14:32

CUSTOMER NE / Acc't
Nortech Environmental, LLC
P.O. Box 803
South Windsor, CT

VEHICLE CODE TRANS

TIME IN 07:45:03 TIME OUT 09:14:32

GRID 3792

	lb
GROSS	76840
TARE	38440
NET	38400
NET TONS	**19.20**

SOURCE CT Connecticut

REFUSE AA Amistead Academy

DRIVER

WEIGHMASTER: Mary Lou
LICENSE: 057126

340

201002NOR-13

COMMONWEALTH ENVIR. SYSTEMS LP
99 Commonwealth Road
Hegins, PA 17938
Phone (570) 695-3590

TICKET #00487521
STATION A SCALE B
DATE 07/29/10
TIME 11:42:04

CUSTOMER NE / Acc't
Nortech Environmental, LLC
P.O. Box 803
South Windsor, CT

VEHICLE CODE STAR

TIME IN 10:19:13 TIME OUT 11:42:04

GRID 3775

SOURCE CT Connecticut

REFUSE AA Amistead Academy

DRIVER D Williams

	lb
GROSS	72060
TARE	39640
NET	32420
NET TONS	**16.21**

WEIGHMASTER: Linda
LICENSE: 064001

Dan

#300

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number 00000000000	2. Page 1 of 1	3. Emergency Response Phone	4. Waste Tracking Number 201002NOR-13

5. Generator's Name and Mailing Address
AMITSAD ACADEMY
407 JAMES STREET
NEW HAVEN, CT 06513
Generator's Phone: 203-773-0390

Generator's Site Address (if different than mailing address)
AMITSAD ACADEMY
FORMER TIMOTHY DWIGHT SCHOOL
130 EDGEWOOD AVE, NEW HAVEN, CT 06511

6. Transporter 1 Company Name: TRANSWASTE, INC. — U.S. EPA ID Number: CTR000506410

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
COMMENWEALTH ENVIRONMENTAL SYSTEMS, L.P.
99 COMMONWEALTH ROAD
HEGINS, PA 17938
Facility's Phone: 570-695-3590
U.S. EPA ID Number: 00000000000

9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1. DOT Non Regulated Material (<50ppm PCB residual waste 502), <50ppm PCB REMEDIATION WASTE	01	CM		T
2.				
3.				
4.				

13. Special Handling Instructions and Additional Information

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: [signature] — Signature: [signature] — Month 7 Day 26 Year 2[illegible]

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Ron Pinto — Signature: [signature] — Month 7 Day 26 Year 10

Transporter 2 Printed/Typed Name — Signature — Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month Day Year

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

Box x 29#

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number 00000000000	2. Page 1 of 1	3. Emergency Response Phone	4. Waste Tracking Number 201002NOR-01

GENERATOR

5. Generator's Name and Mailing Address
AMITSAD ACADEMY
407 JAMES STREET
NEW HAVEN, CT 06513
Generator's Phone: 203-773-0390

Generator's Site Address (if different than mailing address)
AMITSAD ACADEMY
FORMER TIMOTHY DWIGHT SCHOOL
130 EDGEWOOD AVE, NEW HAVEN, CT 06511

6. Transporter 1 Company Name: TRANSWASTE, INC.
U.S. EPA ID Number: CTR000506410

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
COMMENWEALTH ENVIRONMENTAL SYSTEMS, L.P.
99 COMMONWEALTH ROAD
HEGINS, PA 17938
Facility's Phone: 570-695-3590
U.S. EPA ID Number: 00000000000

9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1. Dot Non Regulated Material (<50ppm PCB residual waste 502), , <50ppm PCB REMEDIATION WASTE		CM		T
2.				
3.				
4.				

13. Special Handling Instructions and Additional Information
9b.1)

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: DAVID WYSOCKI
Signature: [signature]
Month 6 Day 29 Year 10

INT'L

15. International Shipments ☒ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: [illegible]
Signature: [signature]
Month 6 Day 29 Year 10

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name
Signature
Month Day Year

COMMONWEALTH ENVIR. SYSTEMS LP

99 Commonwealth Road
Hegins, PA 17938
Phone (570) 695-3590

TICKET #00483098
STATION A SCALE B
DATE 06/25/10
TIME 10:00:46

CUSTOMER NE / Acc't
Nortech Environmental,LLC
P.O. Box 803
South Windsor, CT

VEHICLE CODE TRANS

TIME IN 09:27:49 TIME OUT 10:00:46

GRID 3751

SOURCE CT Connecticut

REFUSE AA Amistead Academy

DRIVER

	lb
GROSS	63720
TARE	34940
NET	28780
NET TONS	14.39

WEIGHMASTER: Mary Lou
LICENSE: 057126

8600

347

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number 00000000000	2. Page 1 of 1	3. Emergency Response Phone	4. Waste Tracking Number 201002NOR- 02

GENERATOR

5. Generator's Name and Mailing Address
AMITSAD ACADEMY
407 JAMES STREET
NEW HAVEN, CT 06513
Generator's Phone: 203-773-0390

Generator's Site Address (if different than mailing address)
AMITSAD ACADEMY
FORMER TIMOTHY DWIGHT SCHOOL
130 EDGEWOOD AVE, NEW HAVEN, CT 06511

6. Transporter 1 Company Name: TRANSWASTE, INC.
U.S. EPA ID Number: CTR000506410

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
COMMENWEALTH ENVIRONMENTAL SYSTEMS, L.P.
99 COMMONWEALTH ROAD
HEGINS, PA 17938
Facility's Phone: 570-695-3590
U.S. EPA ID Number: 00000000000

9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1. DOT Non Regulated Material (<50ppm PCB residual waste 502), <50ppm PCB REMEDIATION WASTE		CM		T
2.				
3.				
4.				

13. Special Handling Instructions and Additional Information
9b.1)

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: Dave Wysoki
Signature: Dave Wysoki
Month 6 Day 24 Year 10

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Ron Prysio
Signature:
Month 6 Day 24 Year 10

Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b: Alternate Facility (or Generator)
U.S. EPA ID Number:
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name:
Signature:
Month Day Year

347

COMMONWEALTH ENVIR. SYSTEMS LP

99 Commonwealth Road
Hegins, PA 17938
Phone (570) 695-3590

TICKET #00483043
STATION A SCALE B
DATE 06/25/10
TIME 07:42:11

CUSTOMER NE / Acc't
Nortech Environmental,LLC
P.O. Box 803
South Windsor, CT

VEHICLE CODE STAR

TIME IN 06:23:17 TIME OUT 07:42:11

GRID 3751

	lb
GROSS	65160
TARE	40340
NET	24820
NET TONS	**12.41**

SOURCE CT Connecticut

REFUSE AA Amistead Academy

DRIVER

WEIGHMASTER: Mary Lou
LICENSE: 057126

#300

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number 000000000000	2. Page 1 of 1	3. Emergency Response Phone	4. Waste Tracking Number 201002NOR- 03

GENERATOR

5. Generator's Name and Mailing Address
AMITSAD ACADEMY
407 JAMES STREET
NEW HAVEN, CT 06513
Generator's Phone: 203-773-0390

Generator's Site Address (if different than mailing address)
AMITSAD ACADEMY
FORMER TIMOTHY DWIGHT SCHOOL
130 EDGEWOOD AVE, NEW HAVEN, CT 06511

6. Transporter 1 Company Name: TRANSWASTE, INC.
U.S. EPA ID Number: CTR000506410

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
COMMENWEALTH ENVIRONMENTAL SYSTEMS, L.P.
99 COMMONWEALTH ROAD
HEGINS, PA 17938
Facility's Phone: 570-695-3590
U.S. EPA ID Number: 00000000000

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	DOT Non Regulated Material (<50ppm PCB residual waste 502), <50ppm PCB REMEDIATION WASTE		CM		T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
9b.1)

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Generator's/Offeror's Printed/Typed Name: DAVID WYSCKI
Signature: [signature]
Month 7 Day 12 Year 10

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: ED REINHARD TRANSWASTE
Signature: [signature]
Month 7 Day 19 Year 10
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED FACILITY

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name
Signature
Month Day Year

300
201002 Nor-03

COMMONWEALTH ENVIR. SYSTEMS LP

99 Commonwealth Road
Hegins, PA 17938
Phone (570) 695-3590

TICKET #00485114
STATION A SCALE B
DATE 07/13/10
TIME 06:55:38

CUSTOMER NE / Acc't
Nortech Environmental, LLC
P.O. Box 803
South Windsor, CT

VEHICLE CODE TRANS

TIME IN 06:34:26 TIME OUT 06:55:38

GRID 3763

	lb
GROSS	48920
TARE	36960
NET	11960
NET TONS	**5.98**

SOURCE CT Connecticut

REFUSE AA Amistead Academy

DRIVER

WEIGHMASTER: Mary Lou
LICENSE: 057126

#521

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number 00000000000	2. Page 1 of 1	3. Emergency Response Phone	4. Waste Tracking Number 201002NOR-04

5. Generator's Name and Mailing Address
AMITSAD ACADEMY
407 JAMES STREET
NEW HAVEN, CT 06513
Generator's Phone: 203-773-0390

Generator's Site Address (if different than mailing address)
AMITSAD ACADEMY
FORMER TIMOTHY DWIGHT SCHOOL
130 EDGEWOOD AVE, NEW HAVEN, CT 06511

6. Transporter 1 Company Name: TRANSWASTE, INC.
U.S. EPA ID Number: CTR000506410

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
COMMENWEALTH ENVIRONMENTAL SYSTEMS, L.P.
99 COMMONWEALTH ROAD
HEGINS, PA 17938
Facility's Phone: 570-695-3590
U.S. EPA ID Number: 00000000000

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	DOT Non Regulated Material (<50ppm PCB residual waste 502), , <50ppm PCB REMEDIATION WASTE		CM		T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
9b.1)

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: DAVID WYSOCKI
Signature: [signature]
Month 7 Day 12 Year 10

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Mike Gaythro
Signature: [signature]
Month 07 Day 12 Year 10

Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name
Signature
Month Day Year

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

20100204
327

COMMONWEALTH ENVIR. SYSTEMS LP
99 Commonwealth Road
Hegins, PA 17938
Phone (570) 695-3590

TICKET #00485112
STATION A SCALE B
DATE 07/13/10
TIME 06:51:35

CUSTOMER NE / Acc't
Nortech Environmental, LLC
P.O. Box 803
South Windsor, CT

VEHICLE CODE TRANS224

TIME IN 06:15:43 TIME OUT 06:51:35

GRID 3763

SOURCE CT Connecticut

REFUSE AA Amistead Academy

DRIVER

	lb
GROSS	72520
TARE	34680
NET	37840
NET TONS	**18.92**

WEIGHMASTER: Mary Lou
LICENSE: 057126

73 410 BOX 295

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number 00000000000	2. Page 1 of 1	3. Emergency Response Phone	4. Waste Tracking Number 201002NOR-05

5. Generator's Name and Mailing Address
AMITSAD ACADEMY
407 JAMES STREET
NEW HAVEN, CT 06513
Generator's Phone: 203-773-0390

Generator's Site Address (if different than mailing address)
AMITSAD ACADEMY
FORMER TIMOTHY DWIGHT SCHOOL
130 EDGEWOOD AVE, NEW HAVEN, CT 06511

6. Transporter 1 Company Name: TRANSWASTE, INC. — U.S. EPA ID Number: CTR000506410

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
COMMENWEALTH ENVIRONMENTAL SYSTEMS, L.P.
99 COMMONWEALTH ROAD
HEGINS, PA 17938
Facility's Phone: 570-695-3590
U.S. EPA ID Number: 00000000000

9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1. DOT Non Regulated Material (<50ppm PCB residual waste 502), <50ppm PCB REMEDIATION WASTE		CM		T
2.				
3.				
4.				

13. Special Handling Instructions and Additional Information
9b.1)

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: DAVID WYSOFKI — Signature: [signature] — Month 6 Day 25 Year 10

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: [signature] — Signature: — Month 6 Day 25 Year 10
Transporter 2 Printed/Typed Name — Signature — Month Day Year

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

201002NOR-

1

18. Designated Facility Name or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name — Signature — Month Day Year

AMITSAD ACADEMY 00000000000

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

169-BLC-O 6 10498 (Rev. 8/06) DESIGNATED FACILITY TO GENERATOR

COMMONWEALTH ENVIR. SYSTEMS LP

99 Commonwealth Road
Hegins, PA 17938
Phone (570) 695-3590

TICKET #00483425
STATION A SCALE B
DATE 06/29/10
TIME 07:08:57

CUSTOMER NE / Acc't
Nortech Environmental,LLC
P.O. Box 803
South Windsor, CT

VEHICLE CODE TRANS224

TIME IN 06:38:20 TIME OUT 07:08:57

GRID 3753

SOURCE CT Connecticut

REFUSE AA Amistead Academy

DRIVER

	lb
GROSS	71280
TARE	34500
NET	36780
NET TONS	**18.39**

WEIGHMASTER: Mary Lou
LICENSE: 057126

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number 000000000000	2. Page 1 of 1	3. Emergency Response Phone	4. Waste Tracking Number 201002NOR- 06

5. Generator's Name and Mailing Address
AMITSAD ACADEMY
407 JAMES STREET
NEW HAVEN, CT 06513
Generator's Phone: 203-773-0390

Generator's Site Address (if different than mailing address)
AMITSAD ACADEMY
FORMER TIMOTHY DWIGHT SCHOOL
130 EDGEWOOD AVE, NEW HAVEN, CT 06511

6. Transporter 1 Company Name: TRANSWASTE, INC.
U.S. EPA ID Number: CTR000506410

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
COMMENWEALTH ENVIRONMENTAL SYSTEMS, L.P.
99 COMMONWEALTH ROAD
HEGINS, PA 17938
Facility's Phone: 570-695-3590
U.S. EPA ID Number: 00000000000

9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1. DOT Non Regulated Material (<50ppm PCB residual waste 502), <50ppm PCB REMEDIATION WASTE		CM		T
2.				
3.				
4.				

13. Special Handling Instructions and Additional Information
9b.1)

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: DAVID WYSOCK
Signature: [signature]
Month Day Year: 6 25 10

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): ED REINHARD
Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: ED REINHARD
Signature: [signature]
Month Day Year

Transporter 2 Printed/Typed Name: Transwaste
Signature
Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name
Signature
Month Day Year

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

20100 2 NOR
6

COMMONWEALTH ENVIR. SYSTEMS LP

99 Commonwealth Road
Hegins, PA 17938
Phone (570) 695-3590

TICKET #00483297
STATION A SCALE B
DATE 06/28/10
TIME 09:35:23

CUSTOMER NE / Acc't
Nortech Environmental,LLC
P.O. Box 803
South Windsor, CT

VEHICLE CODE STAR272

TIME IN 08:24:18 TIME OUT 09:35:23

GRID 3752

SOURCE CT Connecticut

REFUSE AA Amistaad Academy

	lb
GROSS	76180
TARE	39480
NET	36700
NET TONS	18.35

DRIVER

WEIGHMASTER: Mary Lou
LICENSE: 057126

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number 00000000000	2. Page 1 of 1	3. Emergency Response Phone	4. Waste Tracking Number 201002NOR- 07

GENERATOR

5. Generator's Name and Mailing Address
AMITSAD ACADEMY
407 JAMES STREET
NEW HAVEN, CT 06513
Generator's Phone: 203-773-0390

Generator's Site Address (if different than mailing address)
AMITSAD ACADEMY
FORMER TIMOTHY DWIGHT SCHOOL
130 EDGEWOOD AVE, NEW HAVEN, CT 06511

6. Transporter 1 Company Name: TRANSWASTE, INC.
U.S. EPA ID Number: CTR000506410

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
COMMENWEALTH ENVIRONMENTAL SYSTEMS, L.P.
99 COMMONWEALTH ROAD
HEGINS, PA 17938
Facility's Phone: 570-695-3590
U.S. EPA ID Number: 00000000000

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	DOT Non Regulated Material (<50ppm PCB residual waste 502), , <50ppm PCB REMEDIATION WASTE		CM		T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
9b.1)

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: DAVID WYSOCKI
Signature: David Wysocki
Month 6 Day 25 Year 10

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: ED REINHARD
Signature
Month Day Year

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name
Signature
Month Day Year

20100Z1004
7

COMMONWEALTH ENVIR. SYSTEMS LP

99 Commonwealth Road
Hegins, PA 17938
Phone (570) 695-3590

TICKET #00483285
STATION A SCALE B
DATE 06/28/10
TIME 09:14:49

CUSTOMER NE / Acc't
Nortech Environmental, LLC
P.O. Box 803
South Windsor, CT

VEHICLE CODE TRANS

TIME IN 08:21:05 TIME OUT 09:14:49

GRID 3752

	lb
GROSS	65520
TARE	33840
NET	31680
NET TONS	**15.84**

SOURCE CT Connecticut

REFUSE AA Amistead Academy

DRIVER [signature]

WEIGHMASTER: Mary Lou
LICENSE: 057126

[signature]

73640 474

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number 000000000000	2. Page 1 of 1	3. Emergency Response Phone	4. Waste Tracking Number 201002NOR-08

GENERATOR

5. Generator's Name and Mailing Address:
AMITSAD ACADEMY
407 JAMES STREET
NEW HAVEN, CT 06513
Generator's Phone: 203-773-0390

Generator's Site Address (if different than mailing address)
AMITSAD ACADEMY
FORMER TIMOTHY DWIGHT SCHOOL
130 EDGEWOOD AVE, NEW HAVEN, CT 06511

6. Transporter 1 Company Name: TRANSWASTE, INC.
U.S. EPA ID Number: CTR000506410

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address:
COMMONWEALTH ENVIRONMENTAL SYSTEMS, L.P.
99 COMMONWEALTH ROAD
HEGINS, PA 17938
Facility's Phone: 570-695-3590
U.S. EPA ID Number: 00000000000

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. DOT Non Regulated Material (<50ppm PCB residual waste 502), <50ppm PCB REMEDIATION WASTE		CM		T	
	2.					
	3.					
	4.					

9b. 1) Special Handling Instructions and Additional Information

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Generator's/Offeror's Printed/Typed Name: DAVID WYSCOK
Signature: David Wysock
Month Day Year: 6 29 10

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S.
Port of entry/exit:
Transporter Signature (for exports only):
Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Ron Price
Signature:
Month Day Year: 6 29 10
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year:

DESIGNATED FACILITY

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator)
U.S. EPA ID Number:
Facility's Phone:
17c. Signature of Alternate Facility (or Generator)
Month Day Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name:
Signature:
Month Day Year:

169-BLC-O 6 10498 (Rev. 8/06)

DESIGNATED FACILITY TO GENERATOR

20100 2N4108

COMMONWEALTH ENVIR. SYSTEMS LP
99 Commonwealth Road
Hegins, PA 17938
Phone (570) 695-3590

TICKET #00483618
STATION A SCALE 1
DATE 06/30/10
TIME 07:25:59

CUSTOMER NE / Acc't
Nortech Environmental, LLC
P.O. Box 603
South Windsor, CT

VEHICLE CODE TRANS212

TIME IN 06:27:24 TIME OUT 07:25:59

GRID 3754

	LB
GROSS	77780
TARE	39400
NET	38380
NET TONS	19.19

SOURCE CT Connecticut

REFUSE AA Amistead Academy

DRIVER

WEIGHMASTER: Mary Lou
LICENSE: 057126

68600 316

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number 00000000000	2. Page 1 of 1	3. Emergency Response Phone	4. Waste Tracking Number 201002NOR-09

5. Generator's Name and Mailing Address
AMITSAD ACADEMY
407 JAMES STREET
NEW HAVEN, CT 06513
Generator's Phone: 203-773-0390

Generator's Site Address (if different than mailing address)
AMITSAD ACADEMY
FORMER TIMOTHY DWIGHT SCHOOL
130 EDGEWOOD AVE, NEW HAVEN, CT 06511

6. Transporter 1 Company Name
TRANSWASTE, INC.
U.S. EPA ID Number CTR000506410

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
COMMENWEALTH ENVIRONMENTAL SYSTEMS, L.P.
99 COMMONWEALTH ROAD
HEGINS, PA 17938
Facility's Phone: 570-695-3590
U.S. EPA ID Number 00000000000

9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1. DOT Non Regulated Material (<50ppm PCB residual waste 502), <50ppm PCB REMEDIATION WASTE		CM		T
2.				
3.				
4.				

13. Special Handling Instructions and Additional Information
9b.1)

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Generator's/Offeror's Printed/Typed Name: DAVID WYSOCKI
Signature: [signature]
Month 6 Day 29 Year 20

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: [signature] Ron Price
Signature: [signature]
Month 6 Day 29 Year 10

Transporter 2 Printed/Typed Name
Signature
Month Day Year

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

17b. Alternate Facility (or Generator)
Manifest Reference Number:
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name
Signature
Month Day Year

GENERATOR
INT'L
TRANSPORTER
DESIGNATED FACILITY

169-BLC-O 6 10498 (Rev. 8/05)

DESIGNATED FACILITY TO GENERATOR

20-1002 NOR 09

COMMONWEALTH ENVIR. SYSTEMS LP

99 Commonwealth Road
Regina, PA 17938
Phone (570) 695-3590

TICKET #00483664
STATION A SCALE B
DATE 06/30/10
TIME 09:20:33

CUSTOMER NE / Acct
Nortech Environmental,LLC
P.O. Box 803
South Windsor, CT

VEHICLE CODE TRANS224

TIME IN 08:42:16 TIME OUT 09:20:33

BRID 3754

	lb
GROSS	66840
TARE	34240
NET	32400
NET TONS	16.20

SOURCE CT Connecticut

REFUSE AA Amistead Academy

DRIVER

WEIGHMASTER: Mary Lou
LICENSE: 057126

#517

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number: 00000000000

2. Page 1 of 1

3. Emergency Response Phone:

4. Waste Tracking Number: 201002NOR-10

5. Generator's Name and Mailing Address
AMITSAD ACADEMY
407 JAMES STREET
NEW HAVEN, CT 06513
Generator's Phone: 203-773-0390

Generator's Site Address (if different than mailing address)
AMITSAD ACADEMY
FORMER TIMOTHY DWIGHT SCHOOL
130 EDGEWOOD AVE, NEW HAVEN, CT 06511

6. Transporter 1 Company Name: TRANSWASTE, INC.
U.S. EPA ID Number: CTR000506410

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
COMMENWEALTH ENVIRONMENTAL SYSTEMS, L.P.
99 COMMONWEALTH ROAD
HEGINS, PA 17938
Facility's Phone: 570-695-3590
U.S. EPA ID Number: 00000000000

9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1. DOT Non Regulated Material (<50ppm PCB residual waste 502), <50ppm PCB REMEDIATION WASTE		CM		T	
2.					
3.					
4.					

13. Special Handling Instructions and Additional Information
9b.1) 15-32

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: DAVE WYSOKE
Signature: [signature]
Month 6 Day 30 Year 10

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Luis Baez
Signature: [signature]
Month 6 Day 30 Year 10

Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number:
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name:
Signature:
Month Day Year

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

169-BLC-O 6 10498 (Rev. 8/06)

DESIGNATED FACILITY TO GENERATOR

20100200R - 10

COMMONWEALTH ENVIR. SYSTEMS LP

99 Commonwealth Road
Hegins, PA 17938
Phone (570) 695-3590

TICKET #00483810
STATION A SCALE B
DATE 07/01/10
TIME 07:34:17

CUSTOMER NE / Acc't
Nortech Environmental, LLC
P.O. Box 803
South Windsor, CT

VEHICLE CODE TRANS224

TIME IN 06:39:50 TIME OUT 07:34:17

GRID 3755

SOURCE CT Connecticut

REFUSE AA Amistead Academy

DRIVER

	lb
GROSS	70960
TARE	40320
NET	30640
NET TONS	**15.32**

WEIGHMASTER: Mary Lou
LICENSE: 057126

#446

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number 00000000000	2. Page 1 of 1	3. Emergency Response Phone	4. Waste Tracking Number 201002NOR- 11

GENERATOR

5. Generator's Name and Mailing Address
AMITSAD ACADEMY
407 JAMES STREET
NEW HAVEN, CT 06513
Generator's Phone: 203-773-0390

Generator's Site Address (if different than mailing address)
AMITSAD ACADEMY
FORMER TIMOTHY DWIGHT SCHOOL
130 EDGEWOOD AVE, NEW HAVEN, CT 06511

6. Transporter 1 Company Name: TRANSWASTE, INC.
U.S. EPA ID Number: CTR000506410

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
COMMENWEALTH ENVIRONMENTAL SYSTEMS, L.P.
99 COMMONWEALTH ROAD
HEGINS, PA 17938
Facility's Phone: 570-695-3590
U.S. EPA ID Number: 00000000000

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. DOT Non Regulated Material (<50ppm PCB residual waste 502), , <50ppm PCB REMEDIATION WASTE		CM		T	
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information
9b.1)

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: DAVID WISOCKI
Signature: David Wisocki
Month 7 Day 12 Year 10

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Mike Couthie
Signature: Mike
Month 07 Day 12 Year 10

Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name:
Signature:
Month Day Year

20100210R

COMMONWEALTH ENVIR. SYSTEMS LP

99 Commonwealth Road
Hegins, PA 17938
Phone (570) 695-3590

TICKET #00485170
STATION A SCALE B
DATE 07/13/10
TIME 09:12:12

CUSTOMER NE / Acc't
Nortech Environmental, LLC
P.O. Box 003
South Windsor, CT

VEHICLE CODE STAR

TIME IN 08:12:09 TIME OUT 09:12:12

GRID 3763

SOURCE CT Connecticut

REFUSE AA Amistead Academy

DRIVER

	lb
GROSS	74400
TARE	39820
NET	34580
NET TONS	**17.29**

WEIGHMASTER: Mary Lou
LICENSE: 057126

NON-HAZARDOUS WASTE MANIFEST | 00000000000 | 2. Page 1 of | 3. Emergency Response Phone | 4. Waste Tracking Number 201002NOR-12

5. Generator's Name and Mailing Address
AMISTAD ACADEMY
407 JAMES STREET
NEW HAVEN, CT 06513

Generator's Site Address (if different than mailing address)
AMISTAD ACADEMY
FORMER TIMOTHY DWIGHT SCHOOL
130 EDGEWOOD AVE, NEW HAVEN, CT 06511

Generator's Phone: 203-773-0390

6. Transporter 1 Company Name: TRANSWASTE, INC. — U.S. EPA ID Number: CTR000506410

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
COMMONWEALTH ENVIRONMENTAL SYSTEMS, L.P.
99 COMMONWEALTH ROAD
HEGINS, PA 17938

U.S. EPA ID Number: 00000000000

Facility's Phone: 570-695-3590

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. DOT Non Regulated Material (<50ppm PCB residual waste 502), <50ppm PCB REMEDIATION WASTE		CM		T	
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information
9b.1)

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: DAVID WYSOCK — Signature: [signature] — Month 7 Day 21 Year 10

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: John Dany — Signature: [signature] — Month 7 Day 21 Year 10
Transporter 2 Printed/Typed Name — Signature: — Month Day Year

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name — Signature — Month Day Year

GENERATOR | INT'L | TRANSPORTER | DESIGNATED FACILITY

TRANSPORTER #2

169-BLC-O 6 10498 (Rev. 8/06)

20 1002 NCUL
12

COMMONWEALTH ENVIR. SYSTEMS LP

99 Commonwealth Road
Hegins, PA 17938
Phone (570) 695-3590

TICKET #00486731
STATION A SCALE B
DATE 07/23/10
TIME 08:58:13

CUSTOMER NE / Acc't
Nortech Environmental, LLC
P.O. Box 803
South Windsor, CT

VEHICLE CODE STAR

TIME IN 08:04:44 TIME OUT 08:58:13

GRID 3771

SOURCE CT Connecticut

REFUSE AA Amistead Academy

DRIVER

	lb
GROSS	59500
TARE	39900
NET	19600
NET TONS	9.80

WEIGHMASTER: Mary Lou
LICENSE: 057126

#300

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number 00000000000	2. Page 1 of 1	3. Emergency Response Phone	4. Waste Tracking Number 201002NOR- 13

GENERATOR

5. Generator's Name and Mailing Address
AMITSAD ACADEMY
407 JAMES STREET
NEW HAVEN, CT 06513
Generator's Phone: 203-773-0390

Generator's Site Address (if different than mailing address)
AMITSAD ACADEMY
FORMER TIMOTHY DWIGHT SCHOOL
130 EDGEWOOD AVE, NEW HAVEN, CT 06511

6. Transporter 1 Company Name: TRANSWASTE, INC.
U.S. EPA ID Number: CTR000506410

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
COMMENWEALTH ENVIRONMENTAL SYSTEMS, L.P.
99 COMMONWEALTH ROAD
HEGINS, PA 17938
Facility's Phone: 570-695-3590
U.S. EPA ID Number: 00000000000

9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1. DOT Non Regulated Material (<50ppm PCB residual waste 502), <50ppm PCB REMEDIATION WASTE	01	CM		T
2.				
3.				
4.				

13. Special Handling Instructions and Additional Information
(Sh. 1)

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Generator's/Offeror's Printed/Typed Name: [illegible] Signature: [illegible] Month 7 Day 26 Year 20

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Ron Russo Signature: [illegible] Month 7 Day 26 Year 10
Transporter 2 Printed/Typed Name: Signature: Month Day Year

DESIGNATED FACILITY

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator) Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name Signature Month Day Year

TRANSPORTER #2

169-BLC-O 6 10498 (Rev. 8/06)

340

201002NOR-13

COMMONWEALTH ENVIR. SYSTEMS LP

99 Commonwealth Road
Hegins, PA 17938
Phone (570) 695-3590

TICKET #00487521
STATION A SCALE B
DATE 07/29/10
TIME 11:42:04

CUSTOMER NE / Acc't
Nortech Environmental, LLC
P.O. Box 803
South Windsor, CT

VEHICLE CODE STAR

TIME IN 10:19:13 TIME OUT 11:42:04

GRID 3775

SOURCE CT Connecticut

REFUSE AA Amistead Academy

	lb
GROSS	72060
TARE	39640
NET	32420
NET TONS	**16.21**

DRIVER D. Williams

WEIGHMASTER: Linda
LICENSE: 064001

282

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number 00000000000	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number 201002NOR- 14

GENERATOR

5. Generator's Name and Mailing Address
AMISTAD ACADEMY
407 JAMES STREET
NEW HAVEN, CT 06513
Generator's Phone: 203-773-0390

Generator's Site Address (if different than mailing address)
AMISTAD ACADEMY
FORMER TIMOTHY DWIGHT SCHOOL
130 EDGEWOOD AVE, NEW HAVEN, CT 06511

6. Transporter 1 Company Name: TRANSWASTE, INC. — U.S. EPA ID Number: CTR000506410

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
COMMONWEALTH ENVIRONMENTAL SYSTEMS, L.P.
99 COMMONWEALTH ROAD
HEGINS, PA 17938
Facility's Phone: 570-695-3590
U.S. EPA ID Number: 00000000000

9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1. DOT Non Regulated Material (<50ppm PCB residual waste 502), <50ppm PCB REMEDIATION WASTE	01	CM		T
2.				
3.				
4.				

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: DAVID WYSOCKI — Signature: [signature] — Month 7 Day 27 Year 10

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: [illegible] — Signature: [signature] — Month 7 Day 27 Year 10

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month Day Year

169-BLC-O 6 10498 (Rev. 8/06)

GENERATOR'S/SHIPPER'S INITIAL COPY

282

201002NOR 14

COMMONWEALTH ENVIR. SYSTEMS LP

99 Commonwealth Road
Hegins, PA 17938
Phone (570) 695-3590

TICKET #00487319
STATION A SCALE B
DATE 07/28/10
TIME 11:00:56

CUSTOMER NE / Acc't
Nortech Environmental, LLC
P.O. Box 803
South Windsor, CT

VEHICLE CODE STAR

TIME IN 09:51:38 TIME OUT 11:00:56

GRID 3774

SOURCE CT Connecticut

REFUSE AA Amistead Academy

DRIVER D Williams

	lb
GROSS	70420
TARE	38800
NET	31620
NET TONS	**15.81**

WEIGHMASTER: Linda
LICENSE: 064001

#480

NON HAZARDOUS WASTE MANIFEST

1. Generator ID Number: 00000000000
2. Page 1 of 1
3. Emergency Response Phone
4. Waste Tracking Number: 201002NOR- 15

5. Generator's Name and Mailing Address
AMISTAD ACADEMY
407 JAMES STREET
NEW HAVEN, CT 06513
Generator's Phone: 203-773-0390

Generator's Site Address (if different than mailing address)
AMISTAD ACADEMY
FORMER TIMOTHY DWIGHT SCHOOL
130 EDGEWOOD AVE, NEW HAVEN, CT 06511

6. Transporter 1 Company Name: TRANSWASTE, INC.
U.S. EPA ID Number: CTR000506410

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
COMMENWEALTH ENVIRONMENTAL SYSTEMS, L.P.
99 COMMONWEALTH ROAD
HEGINS, PA 17938
Facility's Phone: 570-695-3590
U.S. EPA ID Number: 00000000000

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. DOT Non Regulated Material (<50ppm PCB residual waste 502), <50ppm PCB REMEDIATION WASTE	01	CM		T	
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: DAVID WYSOCKI
Signature: [signature]
Month 7 Day 28 Year 10

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Ron Pirro
Signature: [signature]
Month 7 Day 28 Year 10

Transporter 2 Printed/Typed Name
Signature
Month Day Year

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name
Signature
Month Day Year

GENERATOR | INT'L | TRANSPORTER | DESIGNATED FACILITY

TRANSPORTER #2

169-BLC-O 6 10498 (Rev. 8/06)

480

201002NOR-15

COMMONWEALTH ENVIR. SYSTEMS LP

99 Commonwealth Road
Hegins, PA 17938
Phone (570) 695-3590

TICKET #00487628
STATION A SCALE B
DATE 07/30/10
TIME 07:48:33

CUSTOMER NE / Acc't
Nortech Environmental, LLC
P.O. Box 803
South Windsor, CT

VEHICLE CODE STAR

TIME IN 06:34:45 TIME OUT 07:48:33

GRID 3776

SOURCE CT Connecticut

REFUSE AA Amistead Academy

DRIVER D. Williams

	lb
GROSS	72020
TARE	38700
NET	33320
NET TONS	**16.66**

WEIGHMASTER: Linda
LICENSE: 064001

344

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number 00000000000	2. Page 1 of 1	3. Emergency Response Phone	4. Waste Tracking Number 201002NOR-16

GENERATOR

5. Generator's Name and Mailing Address
AMISTAD ACADEMY
407 JAMES STREET
NEW HAVEN, CT 06513
Generator's Phone: 203-773-0390

Generator's Site Address (if different than mailing address)
AMISTAD ACADEMY
FORMER TIMOTHY DWIGHT SCHOOL
130 EDGEWOOD AVE, NEW HAVEN, CT 06511

6. Transporter 1 Company Name: TRANSWASTE, INC.
U.S. EPA ID Number: CTR000506410

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
COMMONWEALTH ENVIRONMENTAL SYSTEMS, L.P.
99 COMMONWEALTH ROAD
HEGINS, PA 17938
Facility's Phone: 570-695-3590
U.S. EPA ID Number: 00000000000

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	DOT Non Regulated Material (<50ppm PCB residual waste 502), <50ppm PCB REMEDIATION WASTE	01	CM		T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
(90.1)

14. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Generator's/Offeror's Printed/Typed Name: DAVID WYSOCKI
Signature
Month 7 Day 28 Year 10

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: RON PINTO
Signature
Month 7 Day 28 Year 10
Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name
Signature
Month 7 Day 30 Year 10

169-BLC-O 6 10498 (Rev. 8/06)

TRANSPORTER #2

344

201002NOR-16

COMMONWEALTH ENVIR. SYSTEMS LP

99 Commonwealth Road
Hegins, PA 17938
Phone (570) 695-3590

TICKET #00487650
STATION A SCALE B
DATE 07/30/10
TIME 08:35:41

CUSTOMER NE / Acc't
Nortech Environmental, LLC
P.O. Box 803
South Windsor, CT

VEHICLE CODE STARRED

TIME IN 07:29:37 TIME OUT 08:35:41

GRID 3776

SOURCE CT Connecticut

REFUSE AA Amistead Academy

DRIVER

	lb
GROSS	73060
TARE	40720
NET	32340
NET TONS	**16.17**

WEIGHMASTER: Linda
LICENSE: 0640001

436

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number 00000000000	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number 201002NOR-17

5. Generator's Name and Mailing Address
AMISTAD ACADEMY
407 JAMES STREET
NEW HAVEN, CT 06513
203-773-0390

Generator's Site Address (if different than mailing address)
AMISTAD ACADEMY
FORMER TIMOTHY DWIGHT SCHOOL
130 EDGEWOOD AVE, NEW HAVEN, CT 06511

Generator's Phone:

6. Transporter 1 Company Name
TRANSWASTE, INC.
U.S. EPA ID Number CTR000506410

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
COMMENWEALTH ENVIRONMENTAL SYSTEMS, L.P.
99 COMMONWEALTH ROAD
HEGINS, PA 17938
570-695-3590
U.S. EPA ID Number 00000000000

Facility's Phone:

9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1. DOT Non Regulated Material (<50ppm PCB residual waste 502), <50ppm PCB REMEDIATION WASTE	01	CM		T
2.				
3.				
4.				

13. Special Handling Instructions and Additional Information
9b.1)

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: DAVID WYSOCKI
Signature: David Wysocki
Month 7 Day 29 Year 10

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Date leaving U.S.:
Transporter Signature (for exports only):

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Ron [illegible]
Signature:
Month 7 Day 29 Year 10

Transporter 2 Printed/Typed Name
Signature
Month Day Year

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name
Signature
Month Day Year

GENERATOR'S/SHIPPER'S INITIAL COPY

169-BLC-O 6 10498 (Rev. 8/06)

436

201002NOR-17

COMMONWEALTH ENVIR. SYSTEMS LP
99 Commonwealth Road
Hegins, PA 17938
Phone (570) 695-3590

TICKET #00487625
STATION A SCALE B
DATE 07/30/10
TIME 07:41:49

CUSTOMER NE / Acc't
Nortech Environmental, LLC
P.O. Box 803
South Windsor, CT

VEHICLE CODE TRANS

TIME IN 07:09:57 TIME OUT 07:41:49

GRID 3776

SOURCE CT Connecticut

REFUSE AA Amistead Academy

DRIVER

	lb
GROSS	66620
TARE	36080
NET	30540
NET TONS	**15.27**

WEIGHMASTER: Linda
LICENSE: 064001

CIRC
Volume R
New Hav

7/19/2010

Ticket: 94525

103:
Account Name:CWPM, LLC c/o Kathy Muzzy
Plainville,CT06062
Hauler: CWPM, LLC c/o Kathy Muzzy
Tractor: CWPM 32
Plate:
Trailer:
Date and Time In: 7/19/2010 10:52 AM
Date and Time Out: 7/19/2010 11:02 AM
Gross Weight: 50540
Tare Weight: 35860
Net Weight: 14680

7.34

Thank you for your business. Please drive safely and have a great day!

Manafort.
990552
685178

CIRC
Volume R
New Hav

8/13/2010

Ticket: 95600

103:
Account Name:CWPM, LLC c/o Kathy Muzzy
Plainville,CT06062
Hauler: CWPM, LLC c/o Kathy Muzzy
Tractor: CWPM 11
Plate:
Trailer:
Date and Time In: 8/13/2010 02:25 PM
Date and Time Out: 8/13/2010 02:37 PM
Gross Weight: 48640
Tare Weight: 35820
Net Weight: 12820

130 Edgewood Ave

6.41

Thank you for your business. Please drive safely and have a great day!

Manafort
990552
674184