Final Completion Report for the Allendale School Removal Action

General Electric Company
Pittsfield, Massachusetts

February 2000

BLASLAND, BOUCK & LEE, INC.
engineers & scientists

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Statement and Certification by GE's Project Coordinator

I am the General Electric Company's (GE's) Project Coordinator for activities conducted by GE pursuant to the Consent Decree for the GE-Pittsfield/Housatonic River Site, which was lodged in the U.S. District Court for the District of Massachusetts on October 7, 1999.

As described in this Final Completion Report for the Allendale School Removal Action (February 2000), the Allendale School Removal Action required by the Consent Decree (excluding ongoing Post-Removal Site Control activities) has been completed in full satisfaction of the requirements of the Consent Decree relating to that Removal Action.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Andrew T. Silfer

Andrew T. Silfer, P.E.
GE Project Coordinator

Dated: February 18, 2000

Statement by Supervising Contractor

I am a registered Professional Engineer and am the Supervising Contractor for work conducted by the General Electric Company pursuant to the Consent Decree for the GE-Pittsfield/Housatonic River Site, which was lodged in the U.S. District Court for the District of Massachusetts on October 7, 1999.

Based on my inquiry of those individuals responsible for preparing this *Final Completion Report for the Allendale School Removal Action* (February, 2000), the information contained in this report is, to the best of my knowledge and belief, true, accurate, and complete. Therefore, as summarized in this report, the Allendale School Removal Action required by the Consent Decree (excluding ongoing Post-Removal Site Control activities) has been completed in full satisfaction of the requirements of the Consent Decree relating to that Removal Action.

Robert K. Goldman, P.E.
Supervising Contractor
Blasland, Bouck & Lee, Inc.

Dated: February 18, 2000

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1. Introduction

1.1 General

On October 7, 1999, a Consent Decree (CD) executed by the General Electric Company (GE), the United States Environmental Protection Agency (USEPA), the Massachusetts Department of Environmental Protection (MDEP), and several other government agencies was lodged in the United States District Court for the District of Massachusetts (U.S. District Court). The CD requires (among other things) response actions to address polychlorinated biphenyls (PCBs) and other hazardous constituents in soils, sediment, and groundwater in several areas at and near Pittsfield, Massachusetts, that collectively comprise the GE-Pittsfield/Housatonic River Site (the Site). The CD is currently subject to public review and comment prior to its entry by the U.S. District Court. However, in the CD, GE agreed to conduct certain activities at the Site prior to CD entry. These activities included the performance of a Removal Action at the Allendale School Property (the Property) in Pittsfield (defined in the CD as the Allendale School Removal Action).

On June 8, 1999, GE submitted a *Removal Design/Removal Action Work Plan for the Allendale School Property* (RD/RA Work Plan) (Blasland, Bouck & Lee, Inc., June 1999) outlining the proposed response activities at the Property. Following a meeting with the USEPA and MDEP (collectively, the Agencies) on June 15, 1999, a conference call with the Agencies on June 17, 1999, and a public meeting at the Allendale School on June 23, 1999, GE submitted an addendum to the RD/RA Work Plan (letter dated June 25, 1999), to expand upon several topics identified by the Agencies following their review of the RD/RA Work Plan, as well as those identified during the June 23, 1999 public meeting. The USEPA approved the RD/RA Work Plan and addendum via letter dated June 29, 1999. This documentation is compiled in Annex 3 to the *Statement of Work for Removal Actions Outside the River* (SOW). Annex 3 to the SOW comprises Volume V of Appendix E to the CD.

GE performed the response actions constituting the Allendale School Removal Action between July 19, 1999 and November 5, 1999. A pre-certification inspection of the Removal Action, attended by representatives of GE, USEPA, MDEP, and the City of Pittsfield was conducted on January 20, 2000, and no problems were identified. This *Final Completion Report for the Allendale School Removal Action* (Final Completion Report) has been prepared to satisfy the general requirements set forth in Paragraph 88.a of the CD and Section 3.6 of the SOW concerning the preparation of a Final Completion Report. This document summarizes the various activities performed, generally including the following:

- Mobilization and site preparation;
- Soil removal;

- Stormwater and groundwater collection and treatment;
- Off-site transport and disposal of approximately 42,000 cubic yards (cy) of impacted soils;
- Confirmatory soil sampling;
- Ambient air monitoring;
- Backfill and restoration;
- School building cleaning; and
- Demobilization.

The statements and certifications required by Paragraph 88.a of the CD are provided at the beginning of this Final Completion Report. In submitting this report, GE requests that the USEPA issue a Certification of Completion for the Allendale School Removal Action pursuant to Paragraph 88 of the CD.

1.2 Format of Final Completion Report

The remainder of this Final Completion Report is presented in three sections. Section 2 presents a summary of pertinent background information, including a summary of prior investigations and soil analytical data. Section 3 presents a summary of actions performed during the Removal Action, including mobilization and site preparation, soil removal and disposition, confirmatory soil sampling, stormwater and groundwater collection and treatment, backfill and restoration, school building cleaning, and demobilization. That section includes, where applicable, a description of deviations from the proposed design. Section 4 presents a description of final inspection activities, and planned Post-Removal Site Control activities to be performed by GE.

2. Background Information

2.1 General

This section provides a summary of the Property's site features and surrounding areas and land uses, and briefly describes the environmental investigations and remedial actions that have been performed (primarily by GE) dating back to 1991. The information presented in this section has been previously documented in several reports; however, it is summarized herein for completeness. The prior reporting of this information was contained in the following:

- *MCP Interim Phase II Report for the Allendale School Property*, Blasland & Bouck Engineers, P.C., January 1993;
- *MCP Supplemental Phase II Report for the Allendale School Property*, Blasland, Bouck & Lee, Inc. (BBL), August 1997;
- *Addendum to the MCP Supplemental Phase II Report for the Allendale School Property*, BBL, June 1998;
- *Summary of April 1998 Soil Removal Activities at Allendale School*, BBL, July 1998;
- *Pre-Design Work Plan for the Allendale School Property*, BBL, March 1999; and
- *Removal Design/Removal Action Work Plan for the Allendale School Property* (RD/RA Work Plan), BBL, June 1999.

The above documents provide discussions of past and current uses of the Property; Property utilities; soil, ground water, and ambient air investigations; and details of the approximate 5-acre soil cover installed by GE in 1991. Section 2.2 provides an overview of Property features. Section 2.3 summarizes prior Property investigations and analytical data, and Section 2.4 summarizes the prior remedial actions performed at the Property by GE.

2.2 Overview of Property Features

The Property is located adjacent to and north of the GE facility in Pittsfield, Massachusetts across the Tyler Street Extension, and is bordered on the other three sides by residential areas (Figures 1 and 2). The portion of the GE

Plant Area bordering the Property to the south is entirely fenced and, with the exception of an area which is leased by the U.S. Generating Company, comprises approximately 80 acres of the GE facility.

The school building located within the Property occupies approximately 40,000 square feet (including recent additions) on a parcel (City of Pittsfield Parcel ID K-11-7-29) that is approximately 12 acres in size. Prior to the construction of the school (in the 1950s), the Property was a relatively low-lying wetland area which was subsequently filled to facilitate development and construction of the school. Specifically, at the time of the school's construction, GE and the City of Pittsfield entered into an agreement under which the City removed soil material from GE property for use as fill material at the Property. The current topography of the Property is generally sloping in a southerly direction toward Tyler Street Extension, slightly toward the southeast corner of the Property. Surface elevations south of the school building range from approximately 1,010 feet (above mean sea level) to 1,005 feet, with banks located to the north and south of the rear portion of the Property.

Other notable site features include the numerous above- and below-ground utilities which traverse the Property. Figure 2 depicts the types and general locations of these utilities, based on mapping prepared in connection with school expansion activities performed in 1998.

2.3 Summary of Prior Property Investigations

Initial investigations associated with the Property were conducted in 1990, and were prompted by information obtained during construction of the U.S. Generating Company facility (formerly known as the Altresco Corporation Cogeneration Facility), located on GE property southeast of the Property. Specifically, soil sampling within this area identified the presence of PCBs and led the MDEP to perform a limited soil and surface water sampling program within the Property in January 1990. This program detected low levels of PCBs in the surficial soils in the southeast corner of the Property. In response, the MDEP instructed GE to perform further investigations to assess the presence of PCBs in soils.

Prompted by the initial detection of PCBs by the MDEP, GE performed several subsequent investigations to characterize the presence and extent of PCBs, assess the potential presence of other hazardous constituents at the Property, and support the design and implementation of certain remedial actions. These data are presented in the various reports listed above in Section 2.1.

A summary of the presence/extent of PCBs and other hazardous constituents in soils is provided below in Sections 2.3.1 and 2.3.2, respectively. Note that for those locations within the area formerly occupied by the approximate two-foot thick soil cover (refer to Section 2.4 for background on the former soil cover), the referenced depth intervals are relative to the pre-cover grade, rather than the existing soil cover surface. This reporting convention facilitates a comparison with data independent of when or where it was collected (relative to the presence of the current surface cover).

2.3.1 PCBs in Soil

Prior to the Removal Action activities performed in 1999, more than 1,300 soil samples (excluding quality control/quality assurance samples) were collected at the Property and analyzed for PCBs. Of these, 30 samples were collected from the 2-foot thick soil cover installed in 1991, and soils associated with 60 other samples had been removed as a result of various soil excavation activities (see discussion in Section 2.4). Of the remaining soil samples, more than 84 percent contained PCB concentrations less than 2 parts per million (ppm). The maximum PCB concentration measured in the soils present beneath the 2-foot thick soil cover was 1,100 ppm, while the highest PCB concentration detected in samples located outside of the soil cover was 160 ppm (estimated) at a depth of 3 to 5 feet below grade. These data served as the basis for Removal Action activities summarized in Section 3.

2.3.2 Non-PCB Constituents in Soil

Prior investigations within the Property included the collection and Appendix IX+3 analyses of 49 soil samples collected from 35 locations. (Appendix IX+3 refers to non-PCB constituents listed in Appendix IX of 40 CFR Part 264, plus three additional constituents -- benzidine, 2-chloroethylvinyl ether, and 1,2-diphenylhydrazine.) These samples were collected at various depths (including both surface and subsurface soils). Detected constituents include various volatile organic compounds, semi-volatile organic compounds, pesticides/herbicides, polychlorinated dibenzo-p-dioxins, polychlorinated dibenzofurans, and inorganic constituents. These non-PCB soil data were further evaluated as described in the RD/RA Work Plan. Based on that evaluation, no further response actions were necessary to address non-PCB constituents in the surface (top 1 foot) or subsurface (1- to 15-feet) soils within the Property.

2.4 Summary of Prior Remedial Actions/Facility Improvements

Several prior remedial actions and facility improvements have been performed at the Property over the past several years, certain of which involved the handling and/or management of PCB-containing soils. These included the placement of an approximate 5-acre soil cover, drainage improvements, the removal of approximately 700 tons of soil in conjunction with a school expansion, and the performance of remedial actions involving the removal of nearly 2,000 tons of additional soil. These activities are detailed in the prior documents previously listed in Section 2.1. A brief summary is provided below:

- In 1991, GE constructed a soil cover over an approximate 5-acre portion of the playground area of the Property (generally over those areas where soil PCB concentrations exceeded 2 ppm within the top 3 feet of existing soil). The soil cover generally consisted of a geotextile layer, overlain with a minimum of 2 feet of "clean" soil composed of approximately 1.5 feet of compacted soil fill and approximately 6 inches of topsoil. This soil cover was constructed with MDEP approval as a Short-Term Measure (STM) under the MCP.

- As part of the construction of the 1991 soil cover, GE also added surface water drainage enhancements to facilitate drainage at the Property, including a network of 6-inch diameter perforated drainage laterals incorporated into the soil cover.

- In 1997, GE assisted the City of Pittsfield in the removal and off-site disposal of approximately 400 tons of soil immediately adjacent to the school building. The presence of PCBs in these soils was identified during pre-construction testing in the area(s) designated for the building expansion.

- In 1997, GE also assisted the City of Pittsfield in the removal and off-site disposal of approximately 300 tons of soil immediately adjacent to the school building. This removal was performed in conjunction with the initial stages of construction for a new 3,000-gallon grease trap and a sanitary drainage pipeline located on the west side of the school.

- In April 1998, GE removed approximately 2,000 tons of soil from several relatively small areas immediately adjacent to and outside of the existing soil cap along its north and east sides. This soil removal was conducted as a supplement to the STM performed by GE in 1991 (involving the installation of the 2-foot thick soil cover), and included the removal and off-site disposal of soils within the Property that (a) were not beneath the existing soil cover, (b) were located in the uppermost three feet of the Property, and (c) contained PCB concentrations above 2 ppm.

3. Summary of Removal Actions

3.1 General

This section of the Final Completion Report describes the activities performed by GE and its contractors related to the implementation of the Removal Action conducted at the Property. The Removal Action, generally including site preparation, soil removal, and property restoration, was implemented between July 19 and November 5, 1999. The majority of the work (i.e., soil excavation and backfill activities) was completed prior to September 24, 1999. However, restoration activities continued after this date. The Removal Action was conducted on behalf of GE primarily by Maxymillian Technologies, Inc. (Maxymillian). GE also retained BBL to assist in daily on-site observation, Berkshire Environmental Consultants, Inc. (BEC) to perform ambient air monitoring during the performance of excavation activities, White Engineering, Inc., to provide restoration plans and documentation, and Janitronics Building Services, Inc., to clean the interior surfaces of the school building (following the completion of soil excavations and backfilling). In addition, Maxymillian subcontracted with Hill Engineering, Inc. (Hill Engineering) to perform survey control during the Removal Action, and Berkshire Fence, Inc., to install new fences (including the baseball field backstops) as part of site restoration. A description of the key components of this Removal Action is presented below.

3.2 Performance Standards for the Removal Action

This section of the Final Completion Report summarizes the Performance Standards for the Allendale School Removal Action. These Performance Standards served as the basis for the response actions proposed by GE in the RD/RA Work Plan. As provided in Section 2.4.2 of the SOW and Section 3.2 of the RD/RA Work Plan, the Performance Standards for the Allendale School Removal Action are as follows:

1. Except as noted in Performance Standard No. 2 below, GE shall remove all soils at the Property that contain PCBs at concentrations exceeding 2 ppm, including such soils under the approximate 2-foot cover that was installed by GE at the Property in 1991. The soil cover materials will be separately excavated and segregated from the other site soils subject to removal.

2. Within an approximate 25-foot wide strip along the rear portions of the current school building, GE shall, to the extent practicable, remove soil from two discrete locations - i.e., in the vicinity of prior sample locations A-01 and A-02. Furthermore, GE shall remove additional soils from within this strip as necessary to achieve a spatial average PCB concentration of less than 2 ppm. (This standard has been established to alleviate

concerns regarding structural support of the school building during soil removal actions, as well as potential disruptions to the utility service lines present in a particular portion of this area, while still removing, to the extent practicable, soils shown to contain greater than 2 ppm PCBs.)

3. Following soil removal, GE shall replace the excavated materials with the soil cover materials from the 1991 cover and other existing, on-site soils containing less than 2 ppm PCBs (based on existing in-situ soil sampling data), and then clean soil from an off-site location. GE shall restore the affected areas to generally match the topography, surface cover types, and facilities (e.g., ballfields and playground equipment) currently present within the affected areas.

4. Regarding the presence of Appendix IX+3 constituents other than PCBs in Property soils, GE shall ensure that the following conditions will be achieved following the performance of response actions to address PCBs:

   (a) for polychlorinated dibenzo-p-dioxins and polychlorinated dibenzofurans (dioxins/furans), no individual sample result with a Toxic Equivalent (TEQ) concentration (calculated using USEPA's Toxicity Equivalency Factors [TEFs]) in excess of USEPA's Preliminary Remediation Goal (PRG) of 1 ppb for dioxin TEQs in residential areas; and

   (b) for other individual constituents, any combination of the following:

      (i) maximum constituent concentrations in any individual sample that do not exceed the USEPA PRGs for residential areas, as listed in Exhibit F to the SOW (or other residential screening PRGs based on the USEPA PRGs, as approved by USEPA), or

      (ii) constituent concentrations that are consistent with background levels (based on summary statistics), or

      (iii) average constituent concentrations that do not exceed the applicable Massachusetts Contingency Plan (MCP) Method 1 S-1 soil standards.

In addition, the CD and the SOW provide that excavated materials from the Property may be placed at the On-Plant Consolidation Areas (OPCAs) located within the GE Facility (the Hill 78 OPCA and the Building 71 OPCA), subject to the Performance Standards for the OPCAs set forth in the CD and the SOW. These Performance Standards require, among other things, that materials consolidated within the Hill 78 OPCA be limited to materials that contain less than 50 ppm PCBs (as determined by an appropriate composite sampling technique or other techniques approved by the USEPA) and that are not classified as a hazardous waste under regulations issued pursuant to the Resource Conservation and Recovery Act (RCRA). In addition, materials placed within the OPCAs must not include free liquids, free product, intact drums and capacitors, other equipment that contains PCBs within its internal components, or asbestos-containing material required by applicable law to be removed from structures prior to demolition.

3.3 Description of Removal Action Activities

3.3.1 Overview

The Removal Action conducted at the Property was performed in several phases. The various activities generally included mobilization and site preparation (removal of above-ground vegetation and existing playground equipment); removal of the existing soil cover; removal of soils with PCBs greater than 2 ppm and transport/placement of those soils at one of the OPCAs (or, for soil containing over 50 ppm PCBs, at a temporary stockpile prior to consolidation at the Building 71 OPCA); backfill and restoration of the excavated areas; and restoration of vegetation, pavement, and playground equipment within the Property. During the Removal Action, work activities were documented through the preparation of field notebooks, photographs, and preparation of weekly project status reports, which were regularly submitted to the Agencies. Further details regarding these activities are presented below. An As-Built Restoration Plan, developed by Hill Engineering is provided in Appendix A to this Final Completion Report, and representative site photographs taken during and after completion of the Removal Action are included in Appendix B.

3.3.2 Pre-Removal Action Activities

Prior to mobilization/site preparation, several activities were conducted, such as meetings and preparation of various Contractors' submittals, and correspondence clarifying specific issues. The pre-mobilization activities generally followed those described in Section 4.3 of the RD/RA Work Plan.

3.3.3 Mobilization and Site Preparation

Initial mobilization and site preparation activities were performed between July 19 and July 24, 1999. In general, the following activities were performed:

- Labor, equipment, a portable sanitary facility, an office trailer, and other materials, were mobilized to the Property.

- Certain windows, doors, air intakes, and air conditioning units on the school building were sealed with polyethylene sheeting and duct tape, in coordination with City Officials. These activities were performed as a precautionary measure to reduce the potential for dust to enter the school building.

- Each worker was required to familiarize himself or herself with the Contractor-specific and GE Health and Safety Plans (HASPs), and related orientation and safety meetings were held as required in the HASPs.

- Underground and above-ground utility lines within or adjacent to the proposed limits of excavation by DIGSAFE and City representatives, and underground or above-ground utilities which were found to be within the proposed limits of excavation (e.g., 8-inch diameter sanitary sewer line) were dismantled, protected, or re-routed.

- The anticipated horizontal limits of soil removal were delineated.

- Erosion and sedimentation control measures were installed (i.e., a staked silt fence around the proposed limits of excavation).

- Fencing and playground structures/objects which could be affected by soil removal activities (e.g., the ballfield backstops and playground structures)were removed.

- Temporary fencing was installed to delineate and secure areas of active removal activities. In addition, temporary fencing was placed in areas where prior fencing was removed, and from the school building to the property fencing, in order to delineate and secure the Property.

- Removal and chipping of trees, shrubs, or other vegetation which could be affected by soil removal activities was conducted. Grubbing of the stump and root system of removed trees was performed concurrently with soil removal activities, with the grubbed tree stump and root system disposed of along with the adjacent excavated soil. Chipped materials were utilized as cover material for the temporary access roads, and subsequently disposed of at the Hill 78 OPCA.

- Temporary access roads were constructed to facilitate access to the work site for excavation equipment and the vehicles to be used for transporting excavated soils to the OPCAs and transporting clean soils to the Property for backfilling. The temporary access roads were constructed at the southeastern corner of the school property along Virginia Avenue, at the southwest corner of the property, connecting to Tyler Street Extension, and along the southern, eastern, and western portions of the removal areas. The approximate locations of the access roads are shown on Figure 2. The access roads consisted of a layer of woven geotextile fabric covered by a layer of crushed stone or chipped vegetation. As excavations were completed in those areas beneath the access roads, the access road materials were excavated along with the underlying soils, and placed into the OPCAs (as appropriate for the underlying soils).

- A bermed staging area was constructed, using a 2.5 foot high soil berm and high-density polyethylene (HDPE) liner, for on-site tanks (frac tanks) to be used for containerizing groundwater pumped from excavated areas.

- A temporary staging area was constructed for placement of clean, reusable on-site soil. This area was used to stockpile soil and topsoil from the soil cover installed in 1991, and soil containing less than 2 ppm PCBs which was removed to gain access to other soils underneath select areas. These stockpiled materials were later used as clean backfill or topsoil in the excavated areas.

3.3.4 Temporary Soil Stockpile Areas

Since the CD had not yet been lodged at the time that the Allendale School Removal Action was initiated, it was necessary to place the excavated materials into temporary stockpiles to be consolidated at the Hill 78 OPCA and Building 71 OPCA. For materials subject to final consolidation at the Hill 78 OPCA, approval was received from USEPA to temporarily place such soils within the "footprint" of that OPCA. The soils would be placed in a fashion consistent with the intended use of the area as the OPCA (materials were placed and compacted in lifts and daily cover was applied), and would remain in place as "consolidated" material following entry of the CD.

With respect to the Building 71 OPCA, that OPCA was under construction at the start of the Removal Action, and was therefore not operational. At that OPCA, the need for additional site preparation and base liner construction precluded temporary stockpiling within that specific area. Therefore, with USEPA approval, a temporary storage area was constructed near the planned location of the Building 71 OPCA to contain soils with PCBs greater than 50 ppm. Approval of these activities was provided by USEPA via letter dated July 12, 1999. This approval allowed soils to be stored within this area for up to 180 days. This time limit for soil storage was extended to be no later than May 19, 2000, following a subsequent request by GE via a letter dated December 22, 1999, and subsequent USEPA letter January 5, 2000.

The footprint of the temporary storage area was prepared by grading the area and removing all protruding objects (e.g., stones, roots, etc). A 12-inch high soil berm was constructed along the horizontal perimeter of the temporary storage area. The temporary storage area was then lined with two layers of 12-mil thick polyethylene liner, with a 6-inch layer of sand placed over the liner. Upon placement of excavated materials in the temporary storage area, the materials were covered with two layers of polyethylene, which extended over the top of the perimeter berm and was secured to the ground. The area was marked and inspected weekly during the period of temporary storage. A detailed description of the construction of the temporary storage area was provided to the USEPA in a letter dated July 16, 1999. These soils presently remain in place at the temporary storage area, and will be moved into the Building 71 OPCA no later than May 19, 2000.

3.3.5 Soil Removal and Disposition

Soil removal activities were initiated on July 22, 1999. The excavation activities were initially performed within the limits identified in the RD/RA Work Plan. In general, once an area was excavated to predetermined limits, confirmatory soil samples were collected and analyzed for PCBs (in accordance with the confirmatory sampling plan contained in the RD/RA Work Plan) to demonstrate compliance with the appropriate Performance Standard(s). If the analytical results for the confirmatory soil samples were above the established Performance Standard(s), then additional excavation was performed. The excavation generally progressed in a north to south direction (away from the school building), and was substantially complete by August 25, 1999. Excavations were performed to depths ranging from 2 to 12 feet within the horizontal limits indicated on Figure 2. Survey control was performed concurrent with the excavation activities.

Based on review of the available Appendix IX+3 data presented in Section 3.5 of the RD/RA Work Plan, soils at the Property were determined not to constitute hazardous waste under applicable regulations pursuant to RCRA. This determination was made based on the results of an evaluation conducted in accordance with Performance Standard #5 in Section 2.1.4.2 of the SOW. Accordingly, the segregation of materials for subsequent disposition as reusable backfill or for consolidation at one of the two OPCAs was based on the PCB concentration of the soils as follows:

- Clean topsoil in areas to be excavated, including approximately the uppermost six inches of soil associated with the 1991 soil cover (approximately 4,000 cy), was segregated, staged within the Property, and later used as topsoil during restoration activities. Following placement of the topsoil into a temporary stockpile within the Property, the stockpile was hydroseeded to allow a vegetative cover to be established, enhancing dust and erosion control efforts.

- Remaining soils associated with the 1991 soil cover and other soils containing 2 ppm or less PCBs (approximately 13,000 cy) were segregated, staged within the Property, and later reused as backfill material. Following placement of the reusable backfill material into a temporary stockpile, the stockpile was hydroseeded to allow a vegetative cover to be established, enhancing dust and erosion control efforts.

- Soils with PCB concentrations greater than 2 ppm and less than 50 ppm, as well as soils containing less than 2 ppm PCBs which could not be economically segregated for possible re-use as backfill, were transported to and temporarily stored at the Hill 78 OPCA. Approximately 34,000 in-situ cy of soil was transported to the Hill 78 OPCA.

- Soils with PCB concentrations of 50 ppm or greater, which were segregated as materials regulated under the Toxic Substances Control Act (TSCA), were transported to the temporary stockpile described above for subsequent consolidation within the Building 71 OPCA. Approximately 7,300 in-situ cy of soil was placed in the temporary stockpile area near the Building 71 OPCA.

As explained in the RD/RA Work Plan, initial soil removal limits and removal volumes were estimated based on the available data set using a mid-point approach. This approach identified the mid-point locations between those discrete sample locations exceeding 2 ppm and those adjacent sampling locations where the PCB concentrations were shown to be less than 2 ppm. This approach also served as the basis for determining the disposition of soils once excavated (e.g., soil disposition at the Building 71 OPCA or the Hill 78 OPCA, re-use as backfill, etc.). Such an approach was considered to be conservative relative to other possible techniques for identifying TSCA-regulated soils subject to disposition at the Building 71 OPCA, such as composite sampling or other averaging techniques that would have been allowed under the Performance Standards for the OPCAs. Although GE stated in the RD/RA Work Plan that it might elect to perform additional sampling of excavated materials designated as having 50 ppm PCBs or greater prior to the placement of such materials within the Building 71 OPCA (in order to conserve the future capacity of the area), GE ultimately elected not to perform such additional testing and simply transferred these materials to the temporary soil stockpile for subsequent placement in the Building 71 OPCA.

As appropriate, soils were loaded directly into trucks positioned on the temporary access roads. The trucks then left the Property via the access road constructed at the southwestern corner of the Property and proceeded across Tyler Street Extension to the Hill 78 OPCA or the temporary stockpile used for staging material prior to its consolidation within the Building 71 OPCA (Figure 2). While on the Property, the trucks remained on the temporary access roads so that contact with the underlying soils was avoided. However, during transport to and within the OPCAs, the trucks traveled on access roads which were sprayed with water to minimize airborne dust. Prior to departure from the OPCAs, the wheels and undercarriages of the transport vehicles were inspected for soil accumulations. Accumulated soils were manually brushed from the vehicle at a dedicated vehicle inspection location at the Hill 78 OPCA. Any soils which were brushed off of the vehicles remained at the Hill 78 OPCA.

During the performance of excavations, the limits of excavation for the Property were surveyed to initially guide the excavations relative to the limits specified in the RD/RA Work Plan, and subsequently document final excavation limits. This final survey information is presented on Figure 3. The removal limits for many of the excavated areas were extended due to PCBs detected at concentrations greater than 2 ppm in the confirmatory samples as discussed in Section 3.3.6 below. This contributed to an increase in the total volume of soil that was excavated from the Property and transported to the OPCAs for disposal. The previous estimate of excavated material was approximately 29,000 in-situ cy, while the final estimate of excavated material is approximately 42,000 in-situ cy.

3.3.6 Confirmatory Soil Sampling

In accordance with the RD/RA Work Plan, the intent of the confirmatory soil sampling was to confirm that the horizontal limits of removal within a given depth increment were acceptable relative to the Performance Standards set forth in the SOW and the RD/RA Work Plan, and summarized in Section 3.2 of this report. As discussed in Section 3.4 of the RD/RA Work Plan, the initial limits of excavation were generally developed using a mid-point approach, representing a point between soil samples which had PCB concentrations greater than 2 ppm and soil samples which had PCB concentrations less than 2 ppm. Confirmatory soil sampling activities included the following components:

- Composite samples were collected along the perimeter of the excavations to represent each two-foot depth increment of interest. Along the perimeter of such areas/depths of interest, samples were collected at an approximate frequency of 4 samples per 100 linear feet, and composited for a single analysis for PCBs. A portion of each soil sample subject to compositing was retained/archived to allow for possible analysis in the future.

- Samples were analyzed by Adirondack Environmental Services, Inc., of Albany, New York. These samples were analyzed under a rapid turnaround time (12-24 hours), in accordance with the provisions of GE's *Sampling and Analysis Plan/ Data Collection and Analysis Quality Assurance Plan* (SAP/DCAQAP) (draft, dated October 1998).

- A composite PCB sample result below 2 ppm confirmed that acceptable removal had occurred for the area/depth of interest. When PCB results greater than 2 ppm were realized, GE either extended the limits of soil removal in an outward direction and resampled in accordance with the above protocols, or analyzed one or more of the archived samples.

Table 1 presents a description of the confirmatory soil samples collected during this Removal Action which represent soils remaining at the Property. Appendix C presents a description of the confirmatory soil samples collected during this Removal Action which were ultimately removed during excavation activities.

During the week of August 14, 1998, GE proposed a slight change to the procedures for collection and analysis of post-excavation samples. Due to the stringent time constraints for this project and the number of areas that had previously required additional excavation due to post-excavation sampling results, GE proposed to collect confirmatory soil samples (using a Geoprobe) prior to completing excavation activities within certain areas, so as to reduce the number of areas subject to additional resampling and excavation and the time associated with those activities. The USEPA verbally approved this approach with the understanding that these samples would be collected at the same frequency as post-excavation confirmatory soil samples (i.e., one composite every 100 linear feet) and at the proper elevations specified in the RD/RA Work Plan. It was also agreed between GE and USEPA that samples collected in certain areas using this method that contain PCB concentrations less than 2 ppm would satisfy the post-excavation confirmation sampling requirements for these areas. This agreement was documented in the Weekly Status Reports for the Allendale School Property Removal Action.

Soil samples representing soils remaining at the Property (see Table 2 and Figure 3) have been reviewed in accordance with the data evaluation procedures in GE's proposed *Field Sampling Plan/Quality Assurance Project Plan* (FSP/QAPP), dated January 2000 (pending approval), which is an updated version of the prior SAP/DCAQAP. The results of this review (presented in Appendix D) confirm that the quality of the data was within acceptable limits, and all of the data were determined to be usable for confirmation purposes.

3.3.7 Stormwater and Groundwater Collection and Treatment

During the period when soil excavations were occurring, stone-lined sumps were constructed to collect any precipitation runoff or groundwater infiltration into the excavation areas. The sumps were constructed in areas where deeper excavations were anticipated to occur. Several days prior to excavation within an area, the sumps were installed and water was pumped from the excavation. This procedure resulted in a localized drawdown of the water table, which in turn resulted in relatively dry excavation conditions in such areas. This local pumping continued until the area was backfilled to an elevation above the normal groundwater table. The collected water was pumped to one of two on-site holding tanks (frac tanks). The frac tanks were emptied as needed into tanker trucks and the water was transported to GE's 64-G water treatment facility. This method of collecting and treating stormwater and groundwater was proposed by GE to the USEPA via letter dated June 24, 1999, and subsequently approved by the USEPA via letter dated July 12, 1999. Analytical data characterizing this water are presented in Appendix E. The approximate volumes of water transported each day were presented in the weekly reports submitted to the Agencies.

Following completion of pumping at the Property, residuals were removed from the frac tanks, sampled, and transported to and placed in the temporary stockpile at the Building 71 OPCA. Analytical data characterizing these residuals are included in Appendix E.

3.3.8 Ambient Air Monitoring

During excavation activities at the Property, ambient air monitoring for particulate matter was performed by BEC adjacent to the excavation areas in accordance with the RD/RA Work Plan. The results of these activities are presented in a report prepared by Berkshire Environmental Consultants, which is included as Appendix F to this Final Completion Report. Monitoring for particulate matter was performed on each day that excavation activities were conducted. Particulate monitors were placed at four locations around the Property, plus an off-site background location in Pittsfield. Monitoring was conducted from approximately 7:00 a.m. to 5:00 p.m. each work day for the duration of excavation activities. The results of monitoring are summarized as follows:

Area	Average Particulate Concentration (milligrams per cubic meter, mg/m^3)
North of Excavation	0.018
South of Excavation	0.036
East of Excavation	0.025
West of Excavation	0.023
Background	0.018

At no time did the average daily particulate concentration exceed the 24-hour average National Ambient Air Quality Standard for particulate matter of 0.150 mg/m^3. Dust control measures were implemented throughout the excavation and backfill activities. Soil stockpiles (for later use as backfill) were hydroseeded and continuously monitored and watered as necessary. Access roads and excavation areas were also monitored and watered on a continuous basis during dry periods to prevent wind-generated dust. In addition, public roadways used by the transport vehicles to transport clean backfill to the property were cleaned regularly with a Street Sweeper.

3.3.9 Backfill and Restoration

Following confirmation that excavation activities had achieved the Removal Action Performance Standards for the Property, the affected areas were backfilled. Backfill materials used for this project consisted of common fill, gravel, or topsoil and were obtained from sources previously reviewed by GE and approved by the MDEP. In addition, topsoil and other soil materials originally used in construction of the 1991 soil cover, as well as topsoil and other soils with PCBs less than 2 ppm, were used as topsoil or backfill. The associated laboratory analytical data for the off-site backfill and sod sources, as well as additional sampling of the 1991 soil cover, are presented in Appendix G.

Surface restoration of the excavated areas consisted of installing sod, asphalt, recreational structures (playsets, ballfields, walking track, etc.), and landscape plantings, generally in accordance with the specifications presented in the *Site Restoration Plan at Allendale School* (White Engineering, Inc., September 1, 1999). Further details regarding the backfilling and restoration activities are provided below. The location of surface features and structures are presented in the As-Built Restoration Plan, provided by Hill Engineering (Appendix A).

Restoration of affected lawn areas began with the placement and compaction of appropriate backfill material to within 4 to 6 inches of final grade. Once placed, the common backfill material was compacted with a roller. None of the excavated areas required additional measures or precautions, because the groundwater within an excavated area was depressed until backfilling activities reached elevations higher than the normal groundwater table elevation in that area.

During backfilling activities, the existing storm and sanitary sewer lines which traversed the southern portion of the school playground were replaced. The location of the storm sewer line is shown on Figure 2. The sanitary sewer line was not indicated on any of the pre-excavation drawings, and was discovered only after excavations had started. During excavation activities near this line, a bypass system was installed to pump materials within the sanitary sewer line around the excavation area. The portion of the sanitary sewer line passing through the excavation area was then removed. Following excavation activities, the portions of the sanitary sewer line which had been removed were replaced with like materials generally in the same location (see Figure 4).

Prior to placement of topsoil and sod, 6-inch diameter perforated pipe drainage laterals were installed at a depth of approximately two feet below grade, generally as shown on Figure 4. Drainage laterals were installed generally to match the sub-grade drainage system installed as part of the soil cover in 1991. In addition, this drainage system was enhanced with the installation of a new series of drainage laterals in the eastern portion of the playground (see Figure 4).

Several improvements were made to the existing grade in order to provide better surface drainage within the school yard. Surface elevations in the eastern and southeastern portions of the school yard were increased slightly. These increases in elevation, along with the installation of subgrade drainage laterals, are anticipated to improve the historically wet conditions of these areas.

Following completion of backfilling activities, replacement of removed utilities, and installation of drainage laterals, 4 to 6 inches of clean topsoil was placed to establish the final grade. Where necessary, the topsoil was fine-graded to generally match the surrounding surface contours. The affected lawn areas were then covered with sod and watered.

As necessary, grass areas (outside the limits of excavation) that were damaged due to the Removal Action were also restored with sod. This consisted of removing the existing grass, regrading the area with additional topsoil to generally match the surrounding surface contours (as needed), and installing new sod.

Restoration of affected asphalt areas (i.e., portions of the asphalt along the western portion of the school building, portions of the asphalt along the rear of the school building, and the asphalt sidewalk to the playset) began with the placement and compaction of common backfill. The common backfill was placed as described above to within 7 to 9 inches of final grade. A total of approximately 4 to 6 inches of gravel material was then placed in 3- to 4-inch lifts on top of the common fill and compacted. The final 3 inches of the excavation was restored with a 2-inch layer of binder asphalt and a 1-inch layer of top asphalt. The asphalt material was placed and compacted to generally match the surrounding surface contours and to promote positive drainage. Following placement and curing of asphalt materials, a coat of asphalt sealant was placed over the existing asphalt areas.

Restoration of recreational structures on the school property consisted of reassembly of the existing playset, installation of a soccer field, installation of two baseball fields, construction of a walking track, and installation of a paracourse system. These structures are shown on the As-Built Restoration Plan, included in Appendix A to this Final Completion Report.

Restoration of landscaping items consisted of the installation of new shrubs and trees, primarily along the southern border of the school property. A row of blue spruce was planted along the southern property line, south of the walking track. Sweet Gum trees were also planted in this area, in a line north of the walking track. Additional sweet gum trees, originally designed to be planted in the southern portion of the playground, were planted along the northern portion of the excavated areas, south of the school building. These trees were initially proposed to be placed in line with the rest of the sweet gum trees in the southern portion of the property; however, they would have posed a potential hazard to baseball players near the infields. Hence, they were planted along the northern portion of the excavation area following discussions with City officials.

On Thursday, September 16, 1999, GE received a telephone call from the City of Pittsfield indicating that an existing 8-inch diameter sanitary sewer was damaged/plugged directly behind the school building. GE and Maxymillian arrived at the Property and the City of Pittsfield excavated a section of this sewer and identified sections of the sewer pipe that had collapsed. Based on Maxymillian's review of this condition, Maxymillian agreed that it would repair this section of the sewer between the two existing manholes, and it subsequently did so.

3.3.10 School Building Cleaning

Upon completion of excavation and backfilling activities, GE conducted a thorough cleaning of the inside of the school building. On September 4 and 5, 1999, the following tasks were performed in accordance with prior discussions with City and School officials:

- All interior wall surfaces and horizontal ledges were thoroughly washed with an all-purpose detergent;
- All student desks and chairs were completely washed down with a heavy-duty detergent;
- Interior windows and frames were washed;
- Bathrooms were completely cleaned, including all ceiling, wall, and floor surfaces, and all fixtures and mirrors;
- Vinyl flooring was stripped of all old finish and refinished;
- All carpeted areas were cleaned via a hot water extraction method using a detergent approved by the Director of Custodial Services; and
- All heating/air conditioning vents were cleaned and filters replaced.

Following cleaning activities, wipe samples were taken from select surfaces within the school building for PCB analysis. Results of this sampling are presented in Appendix H.

3.3.11 Demobilization

At the completion of site restoration activities, contractor labor, equipment, excess materials, temporary erosion and sedimentation control measures, and sanitary facilities were removed from the site. Demobilization was essentially completed by November 5, 1999. Following completion of all off-site soil transportation, all equipment was cleaned at the Hill 78 OPCA using a high-pressure water spray. The water used in the cleaning operations was collected and transported to GE's 64-G Water Treatment Facility for treatment. Results of the confirmation wipe sampling of equipment are presented in Appendix I to this Work Plan.

4. Post-Removal Site Control Activities

This section describes the post-removal inspection/monitoring conducted at the Property to date and presents GE's Post-Removal Site Control Plan for the Allendale School Removal Action, as required by Section 3.7 of the SOW.

On December 9, 1999, pursuant to Section 4.8 of the RD/RA Work Plan, the restored surfaces were inspected to identify potential problems associated with the restoration activities, such as settlement, stressed vegetation, or poor drainage. No issues were identified during that inspection.

Similar inspections will be performed two times per year (in April and October) during the two years (2000 and 2001) following the completion of the Removal Action. Thus, the Property will be inspected during April and October of these years to assess any ground settlement issues, to ensure that the vegetation is growing as anticipated and is providing the necessary erosion control, and that the restored/enhanced drainage system(s) are functioning properly. Additional planting will be undertaken as needed to replace dead or dying vegetation or to fill in any gaps resulting from less than adequate growth. In addition, if any drainage problems are identified that are attributable to the response actions conducted at the Property, drainage modifications or other appropriate measures will be performed, as necessary.

Within 60 days following completion of the semi-annual inspections in 2000 and 2001, GE will submit to USEPA an inspection report, which will include the following information:

- a description of the type of inspection activities conducted;
- a description of any significant modifications to the inspection program made since the submission of the proceeding inspection report;
- a description of any conditions or problems noted during the inspection which are attributable to the response actions conducted at the Property, and;
- a description of any measures taken or to be taken to correct such conditions or problems identified during the inspection.

Table

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Table 1

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(PCB results are presented in dry-weight parts per million, ppm)

Sample ID	Date Sample Collected	Date and Time Sample Results Received	PCB Analytical Result	Sampling Interval	Comments
AS-PE-2	7/23/99	7/24/99 (0704)	0.22	4-6' BGS (1,012'-1,010')	Collected from north, west, and south side walls of Area C.
AS-SLC-00002-0-0040	7/23/99	7/26/99	ND(0.56)	4-6' BGS (1,012'-1,010')	USEPA split sample of AS-PE-2.
AS-PE-COMP-1	7/27/99	7/28/99 (0704)	0.18	2-4' BGS (1,014'-1,012')	Collected from north, west, and south side walls of Area NN.
AS-SLC-00003-0-0020	7/27/99	7/28/99	2.0	2-4' BGS (1,014'-1,012')	USEPA split sample of AS-PE-COMP-1.
AS-PE-COMP-5	7/28/99	7/29/99 (0650)	0.017 J	8-10' BGS (1,006-1,004)	Collected from west and south side walls of Area F.
AS-PE-COMP-6	7/28/99	7/29/99 (0650)	0.019 J	8-10' BGS (1,006'-1,004')	Collected from south and east side walls of Area F.
AS-SLC-00005-0-0080	7/28/99	7/29/99	ND(0.58)	8-10' BGS (1,006'-1,004')	USEPA split sample of AS-PE-COMP-6.
AS-PE-COMP-7	7/28/99	7/29/99 (0650)	2.0	2-4' BGS (1,007'-1,005')	Collected from northwest side wall of Area CC.
AS-PE-30	7/28/99	7/31/99 (0337)	1.7	2-4' BGS (1,007'-1,005')	Discrete sample of AS-PE-COMP-7.
AS-SLC-00006-0-0020	7/28/99	7/29/99	ND(0.67)	2-4' BGS (1,007'-1,005')	USEPA split sample of AS-PE-COMP-7.
AS-PE-COMP-8	7/28/99	7/29/99 (0650)	0.59	2-4' BGS (1,008'-1,006')	Collected from all side walls of Area DD.
AS-PE-DUP-2	7/28/99	7/29/99 (0650)	0.58	2-4' BGS (1,008'-1,006')	Duplicate sample of AS-PE-COMP-8.
AS-PE-COMP-10	7/29/99	7/30/99 (0632)	0.099	4-6' BGS (1,005'-1,003')	Collected from north side wall of Area CC.
AS-PE-DUP-3	7/29/99	7/30/99 (0632)	0.089	4-6' BGS (1,005'-1,003')	Duplicate sample of AS-PE-COMP-10.
AS-PE-COMP-11	7/29/99	7/30/99 (0632)	0.23	4-6' BGS (1,012'-1,010')	Collected from all four side walls of Area E.
AS-PE-COMP-14	7/30/99	7/31/99 (0337)	0.39	2-4' BGS (1,007'-1,005')	Collected from north side wall of Area H.
AS-SLC-00008-0-0020	7/30/99	8/2/99	ND(0.72)	2-4' BGS (1,007'-1,005')	USEPA split sample of AS-PE-COMP-14.
AS-PE-COMP-16	7/31/99	8/1/99 (2225)	0.14	4-6' BGS (1,003'-1,001')	Collected from north/east side walls of Area BB.

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AS-PE-COMP-17	7/31/99	8/1/99 (2225)	0.20	2-4' BGS (1,006'-1,004')	Collected from east side walls of Areas AA and Z.
AS-PE-COMP-18	7/31/99	8/1/99 (2225)	0.066	4-6' BGS (1,004'-1,002')	Collected from east side walls of Areas AA and Z.
AS-PE-COMP-19	7/31/99	8/1/99 (2225)	ND(0.038)	6-8' BGS (1,002'-1,000')	Collected from east side walls of Areas AA and Z.
AS-SLC-00009-0-0040	7/31/99	8/2/99	ND(0.57)	6-8' BGS (1,002'-1,000')	USEPA split sample of AS-PE-COMP-19.
AS-PE-COMP-20	7/31/99	8/1/99 (2225)	0.069	2-4' BGS (1,006'-1,004')	Collected from east side wall of Area Z.
AS-PE-COMP-21	7/31/99	8/1/99 (2225)	ND(0.039)	4-6' BGS (1,004'-1,002')	Collected from east side wall of Area Z.
AS-PE-COMP-22	7/31/99	8/1/99 (2225)	ND(0.038)	6-8' BGS (1,002'-1,000')	Collected from east side wall of Area Z.
AS-PE-COMP-23	7/31/99	8/1/99 (2225)	ND(0.036)	8-10' BGS (1,000'-998')	Collected from north/east side walls of Area AA.
AS-SLC-000010-0-0060	7/31/99	8/2/99	ND(0.57)	8-10' BGS (1,000'-998')	USEPA split sample of AS-PE-COMP-23.
AS-PE-DUP-5	7/31/99	8/1/99 (2225)	ND(0.038)	8-10' BGS (1,000'-998')	Duplicate sample of AS-PE-COMP-23.
AS-PE-COMP-24	7/31/99	8/1/99 (2225)	ND(0.012)	8-10' BGS (1,000'-998')	Collected from east/south side walls of Area AA.
AS-PE-COMP-25	7/31/99	8/1/99 (2225)	ND(0.038)	8-10' BGS (1,000'-998')	Collected from north/west side walls of Area AA.
AS-PE-38	7/31/99	8/1/99 (2225)	2.1	4'-6' BGS (1,005'-1,003')	Discrete sample of AS-PE-COMP-10. This sample, averaged with sample AS-PE-COMP-10 and AS-PE-DUP-3, resulted in an overall average of 0.762 ppm PCBs for this side wall.
AS-PE-COMP-30	8/2/99	8/3/99 (0639)	0.54	2-4' BGS (1,005'-1,003)	Collected from north/east side wall of Area T.
AS-PE-COMP-31	8/2/99	8/3/99 (0639)	0.34	2-4' BGS (1,005'-1,003)	Collected from east/south side wall of Area T.
AS-PE-COMP-32	8/2/99	8/3/99 (0639)	8.7	2-4' BGS (1,005'-1,003)	Collected from south side wall of Area T. This area is along the property line and no further excavation will be required.

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AS-PE-COMP-33	8/2/99	8/3/99 (0639)	0.46	2-4' BGS (1,005'-1,003')	Collected from west side wall of Area CC.
AS-PE-DUP-6	8/2/99	8/3/99 (0639)	0.39 J	2-4' BGS (1,007'-1,005')	Duplicate sample of AS-PE-COMP-33.
AS-SLC000012-0-0040	8/2/99	8/3/99	ND(0.69)	2-4' BGS (1,007'-1,005')	USEPA split sample of AS-PE-COMP-33.
AS-PE-COMP-34	8/3/99	8/4/99 (0321)	1.6	1,008'-1,006'	Collected from west, south, and east side walls of Area B.
AS-PE-COMP-35	8/3/99	8/4/99 (0321)	1.3	1,003'-1,002'	Collected from west side wall of Area G.
AS-PE-COMP-36	8/3/99	8/4/99 (0321)	0.023 J	1,002'-1,000'	Collected from west side wall of Area G.
AS-SLC000014-0-0060	8/3/99	8/4/99 (1515)	ND(0.59)	1,002'-1,000'	USEPA split sample of AS-PE-COMP-36.
AS-PE-COMP-39	8/3/99	8/4/99 (0321)	0.10	1,008'-1,006'	Collected from south/east side walls of Area A.
AS-PE-COMP-41	8/3/99	8/4/99 (0321)	0.47	1,008'-1,006'	Collected from east/south side walls of Area A.
AS-PE-COMP-44	8/3/99	8/4/99 (0321)	1.0	1,001'-999'	Collected from west side wall (north end) of Area W.
AS-PE-COMP-45	8/3/99	8/4/99 (0321)	ND(0.039)	1,001'-1,000'	Collected from north side wall of Area G.
AS-PE-COMP-46	8/3/99	8/4/99 (0321)	0.023 J	1,005'-1,003'	Collected from northeast side wall of Area BB.
AS-PE-COMP-51	8/4/99	8/5/99 (0347)	0.77	1,004'-1,002'	Collected from west, south, and east side walls of Area D.
AS-PE-COMP-53	8/5/99	8/6/99 (0655)	ND(0.040)	997'-995'	Collected from northwest side wall of Area Y.
AS-PE-COMP-54	8/5/99	8/6/99 (0655)	ND(0.042)	999'-997'	Collected from northwest side wall of Area Y.
AS-PE-COMP-55	8/5/99	8/6/99 (0655)	ND(0.040)	1,000'-999'	Collected from northwest side wall of Area Y.
AS-SLC00016-0-0100	8/5/99	8/6/99 (1030)	ND(0.58)	1,000'-999'	USEPA split sample of AS-PE-COMP-55.
AS-PE-COMP-56	8/5/99	8/6/99 (0655)	ND(0.043)	997'-995'	Collected from north center side wall of Area Y.

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Sample ID	Date Sample Collected	Date and Time Sample Results Received	PCB Analytical Result	Sampling Interval	Comments
AS-PE-COMP-57	8/5/99	8/6/99 (0655)	ND(0.039)	999'-997'	Collected from north center side wall of Area Y.
AS-PE-COMP-58	8/5/99	8/6/99 (0655)	ND(0.036)	1,001'-999'	Collected from north center side wall of Area Y.
AS-PE-COMP-59	8/5/99	8/6/99 (0655)	ND(0.038)	997'-995'	Collected from northeast side wall of Area Y.
AS-PE-COMP-60	8/5/99	8/6/99 (0655)	ND(0.038)	999'-997'	Collected from northeast side wall of Area Y.
AS-PE-COMP-61	8/5/99	8/6/99 (0655)	0.38	1,000'-999'	Collected from northeast side wall of Area Y.
AS-PE-COMP-64	8/5/99	8/6/99 (0655)	ND(0.038)	997'-995'	Collected from east side wall of Area Y.
AS-PE-COMP-65	8/5/99	8/6/99 (0655)	ND(0.037)	999'-997'	Collected from east side wall of Area Y.
AS-PE-COMP-66	8/5/99	8/6/99 (0655)	0.090	1,000'-999'	Collected from east side wall of Area Y.
AS-PE-COMP-67	8/6/99	8/7/99 (0232)	ND(0.044)	997'-995'	Collected from southeast/center side wall of Area Y.
AS-PE-COMP-68	8/6/99	8/7/99 (0232)	0.057	999'-997'	Collected from southeast/center side wall of Area Y.
AS-SLC00018-0-0100	8/6/99	8/7/99 (0930)	ND(0.59)	999'-997'	USEPA split sample of AS-PE-COMP-68.
AS-PE-COMP-69	8/6/99	8/7/99 (0232)	0.024 J	1,001'-999'	Collected from southeast/center side wall of Area Y.
AS-PE-COMP-70	8/6/99	8/7/99 (0137)	ND(0.041)	997'-995'	Collected from south side wall (east half) of Area Y.
AS-PE-COMP-71	8/6/99	8/7/99 (0137)	ND(0.041)	999'-997'	Collected from south side wall (east half) of Area Y.
AS-PE-COMP-72	8/6/99	8/7/99 (0137)	ND(0.038)	997'-995'	Collected from south side wall (west half) of Area Y.
AS-PE-COMP-73	8/6/99	8/7/99 (0137)	ND(0.042)	999'-997'	Collected from south side wall (west half) of Area Y.
AS-PE-COMP-74	8/6/99	8/7/99 (0232)	1.2	1,010'-1,008'	Collected from south/east side wall of Area A.
AS-PE-COMP-75	8/6/99	8/7/99 (0232)	0.032 J	1,010'-1,008'	Collected from south/west side wall of Area A.

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Sample ID	Date Sample Collected	Date and Time Sample Results Received	PCB Analytical Result	Sampling Interval	Comments
AS-PE-COMP-76	8/6/99	8/7/99 (0232)	0.97	1,007'-1,005'	Collected from west side wall of Area OO.
AS-PE-DUP-8	8/6/99	8/7/99 (0232)	0.86	1,007'-1,005'	Duplicate sample of AS-PE-COMP-76.
AS-PE-COMP-84	8/7/99	8/8/99 (2009)	ND(0.041)	1,001'-999'	Collected from east side wall of Area W.
AS-PE-COMP-90	8/11/99	8/12/99 (0654)	0.079	1,003'-1,005'	Collected from north side wall of Area PP.
AS-PE-DUP-10	8/11/99	8/12/99 (0654)	0.069	1,003'-1,005'	Duplicate sample of AS-PE-COMP-90.
AS-PE-COMP-91	8/11/99	8/12/99 (0654)	1.0	1,003'-1,005'	Collected from west side wall of Area PP.
AS-PE-COMP-92	8/11/99	8/12/99 (0654)	0.44	1,001'-1,003'	Collected from west side wall of Area YYY.
AS-SLC00020-0-0020	8/11/99	8/12/99	ND(0.59)	1,001'-1,003'	USEPA split sample of AS-PE-COMP-92.
AS-PE-COMP-95	8/11/99	8/12/99 (0654)	1.3	999'-1,001'	Collected from east side wall of Area U.
AS-PE-COMP-97	8/11/99	8/12/99 (0654)	0.79	999'-1,001'	Collected from east side wall (south end) of Area V.
AS-PE-COMP-98	8/11/99	8/12/99 (0654)	1.3	1,001'-1,003'	Collected from east side wall (south end) of Area V.
AS-PE-COMP-103	8/12/99	8/12/99 (1703)	0.34	1,001'-1,003'	Collected from east side wall of Area HH.
AS-PE-COMP-104	8/12/99	8/12/99 (1703)	ND(0.038)	1,001'-1,003'	Collected from south side wall of Area PP.
AS-PE-COMP-107	8/12/99	8/13/99 (0706)	1.2	1,003'-1,005'	Collected from east side wall (south end) of Area II.
AS-PE-COMP-109	8/12/99	8/13/99 (0706)	0.14	995'-997'	Collected from east side wall of Area R.
AS-PE-COMP-110	8/12/99	8/13/99 (0706)	0.094	997'-998'	Collected from east side wall of Area R.
AS-PE-COMP-111	8/12/99	8/13/99 (0706)	0.087	995'-997'	Collected from north side wall (east side) of Area R.
AS-PE-COMP-112	8/12/99	8/13/99 (0706)	0.0074 JN	997'-998'	Collected from north side wall (east side) of Area R.

(See Notes on Page 10)

Table 1

General Electric Company -- Pittsfield, Massachusetts

Final Completion Report for the Allendale School Property Removal Action
Confirmation Soil Sample Results (Remaining Soils)
(PCB results are presented in dry-weight parts per million, ppm)

Sample ID	Date Sample Collected	Date and Time Sample Results Received	PCB Analytical Result	Sampling Interval	Comments
AS-PE-COMP-114	8/12/99	8/13/99 (0706)	0.0033 JN	995'-997'	Collected from north/west side walls of Area R.
AS-PE-COMP-115	8/12/99	8/13/99 (0706)	0.22	997'-999'	Collected from north/west side walls of Area R.
AS-PE-COMP-117	8/13/99	8/14/99 (0648)	0.36	999'-1,001'	Collected from the east side wall (north end) of Area V.
AS-PE-COMP-118	8/13/99	8/14/99 (0648)	ND(0.041)	997'-999'	Collected from northeast side wall of Area P.
AS-PE-COMP-119	8/13/99	8/14/99 (0648)	ND(0.042)	997'-999'	Collected from northwest side wall of Area P.
AS-PE-COMP-120	8/13/99	8/14/99 (0648)	1.8	999'-1,001'	Collected from northwest side wall of Area P.
AS-PE-COMP-121	8/13/99	8/14/99 (0648)	0.56	1,003'-1,005'	Collected from west side wall (south side) of Area SS.
AS-PE-COMP-122	8/13/99	8/14/99 (0648)	ND(0.043)	1,002'-1,003'	Collected from the northwest corner of Area J.
AS-PE-COMP-123	8/13/99	8/14/99 (0648)	0.15	1,003'-1,005'	Collected from the northwest corner of Area J.
AS-SLC-00023-0-0040	8/13/99	8/17/99	0.58	1,003'-1,005'	USEPA split sample for AS-PE-COMP-123.
AS-PE-COMP-124	8/13/99	8/14/99 (0648)	ND(0.040)	1,002'-1,003'	Collected from the west side of Area J.
AS-PE-COMP-125	8/13/99	8/14/99 (0648)	0.15	1,003'-1,005'	Collected from the west side of Area J.
AS-PE-COMP-126	8/13/99	8/14/99 (0648)	ND(0.039)	1,002'-1,003'	Collected from the north side of Area J.
AS-PE-COMP-127	8/14/99	8/15/99 (1928)	0.073	1,001'-1,003'	Collected along the west side of Area GG.
AS-PE-COMP-129	8/14/99	8/15/99 (1928)	0.83	1,003'-1,005'	Collected along the north side (south end) of Area II.
AS-PE-DUP-11	8/14/99	8/15/99 (1928)	0.93	1,003'-1,005'	Duplicate sample of AS-PE-COMP-129.
AS-PE-COMP-131	8/14/99	8/15/99 (1928)	1.1	1,005'-1,006'	Collected along the west side of Area N.
AS-PE-COMP-132	8/14/99	8/15/99 (1928)	1.1	1,005'-1,006'	Collected along the north side of Area N.

(See Notes on Page 10)

Table 1

General Electric Company -- Pittsfield, Massachusetts

Final Completion Report for the Allendale School Property Removal Action
Confirmation Soil Sample Results (Remaining Soils)
(PCB results are presented in dry-weight parts per million, ppm)

Sample ID	Date Sample Collected	Date and Time Sample Results Received	PCB Analytical Result	Sampling Interval	Comments
AS-PE-COMP-135	8/14/99	8/15/99 (1928)	1.3	1,001'-1,003'	Collected along the west side of Area O.
AS-PE-COMP-140	8/16/99	8/17/99 (0703)	0.25	1,003'-1,005'	Collected from the east side wall of Area II.
AS-SLC00026-0-0020	8/16/99	8/17/99 (0930)	ND(0.60)	1,003'-1,005'	USEPA split sample of AS-PE-COMP-140.
AS-PE-COMP-141	8/16/99	8/17/99 (0703)	0.017 J	1,003'-1,005'	Collected from the east side wall of Area II.
AS-SLC00027-0-0020	8/16/99	8/17/99 (0930)	ND(0.62)	1,003'-1,005'	USEPA split sample of AS-PE-COMP-141.
AS-PE-COMP-142	8/16/99	8/17/99 (0703)	1.4	1,003'-1,005'	Collected from the east side wall of Area II.
AS-PE-COMP-148	8/17/99	8/17/99 (1625)	1.5	1,001'-1,003'	Collected along the north side wall of Area T.
AS-SLC00028-0-0040	8/17/99	8/18/99 (1100)	1.7	1,001'-1,003'	USEPA split sample of AS-PE-COMP-148.
AS-PE-COMP-150	8/17/99	8/18/99 (2032)	0.0050 JN	995'-997'	Collected from the north side wall of Area L.
AS-PE-COMP-151	8/17/99	8/18/99 (2032)	ND(0.039)	997'-999'	Collected from the north side wall of Area L.
AS-PE-COMP-152	8/17/99	8/18/99 (2032)	0.034 J	999'-1,001'	Collected from the north side wall of Area L.
AS-PE-COMP-153	8/17/99	8/18/99 (0654)	0.0037 JN	995'-997'	Collected from the northeast sidewall of Area L.
AS-PE-COMP-154	8/17/99	8/18/99 (0654)	0.0059 JN	997'-999'	Collected from the northeast sidewall of Area L.
AS-PE-COMP-155	8/17/99	8/18/99 (0654)	0.74	999'-1,001'	Collected from the northeast sidewall of Area L.
AS-PE-COMP-156	8/17/99	8/18/99 (0654)	1.5	999'-1,001'	Collected from the sidewall of Areas K and W.
AS-SLC00029-0-0060	8/17/99	8/18/99 (1100)	2.4	999'-1001'	USEPA split sample of AS-PE-COMP-156. This sample result was averaged with AS-PE-COMP-156 results in an average result of 1.955 ppm PCBs. No additional sampling is required since the average is below 2 ppm.

(See Notes on Page 10)

Table 1

General Electric Company -- Pittsfield, Massachusetts

Final Completion Report for the Allendale School Property Removal Action
Confirmation Soil Sample Results (Remaining Soils)

(PCB results are presented in dry-weight parts per million, ppm)

Sample ID	Date Sample Collected	Date and Time Sample Results Received	PCB Analytical Result	Sampling Interval	Comments
AS-PE-COMP-157	8/17/99	8/18/99 (2032)	0.0037 JN	998'-1,000'	Collected from the sidewall of Areas S and TT.
AS-PE-COMP-160	8/17/99	8/18/99 (2032)	0.061	999'-1,001'	Collected from the east sidewall of Area I.
AS-PE-COMP-162	8/18/99	8/18/99 (2032)	0.20	1,001'-1,003'	North sidewall (west end) of Area W.
AS-PE-COMP-165	8/18/99	8/19/99 (0639)	0.084	999'-1,001'	West sidewall of Area L using the geoprobe.
AS-PE-COMP-166	8/18/99	8/19/99 (0639)	0.0081 JN	997'-999'	West sidewall of Area L using the geoprobe.
AS-PE-COMP-167	8/18/99	8/19/99 (0639)	0.11	995'-997'	West sidewall of Area L using the geoprobe.
AS-SLC00030-0-0080	8/18/99	8/19/99	ND(0.58)	995'-997'	USEPA split sample of AS-PE-COMP-167.
AS-PE-COMP-169	8/19/99	8/20/99 (1524)	0.091	1,000'-1,001'	North/east sidewall of Area TT.
AS-PE-COMP-170	8/19/99	8/20/99 (1524)	ND(0.039)	1,000'-1002'	North/east sidewall of Area TT.
AS-PE-COMP-173	8/20/99	8/20/99 (1524)	0.021 J	995'-997'	Southwest sidewall of Area L.
AS-PE-COMP-174	8/20/99	8/20/99 (1524)	0.13	997'-999'	Southwest sidewall of Area L.
AS-PE-COMP-176	8/20/99	8/21/99 (0714)	0.24	995'-997'	South and southeast sidewalls of Area L.
AS-PE-COMP-177	8/20/99	8/21/99 (0714)	0.28	997'-999'	South and southeast sidewalls of Area L.
AS-PE-COMP-179	8/20/99	8/21/99 (0714)	0.0086 JN	1,001'-1,003'	West sidewall of Area UU.
AS-PE-COMP-180	8/20/99	8/21/99 (0714)	0.22	1,003'-1,005'	West sidewall (north) of Area U.
AS-PE-COMP-181	8/20/99	8/21/99 (0714)	0.16	1,005'-1,006'	West sidewall (north) of Area U.
AS-SLC00033-0-0020	8/20/99	8/21/99 (0730)	ND(0.57)	1,005'-1,006'	USEPA split sample of AS-PE-COMP-181.
AS-PE-COMP-182	8/20/99	8/21/99 (0714)	0.81	1,001'-1,003'	West sidewall (south) of Area UU.

(See Notes on Page 10)

Table 1

General Electric Company -- Pittsfield, Massachusetts

Final Completion Report for the Allendale School Property Removal Action
Confirmation Soil Sample Results (Remaining Soils)
(PCB results are presented in dry-weight parts per million, ppm)

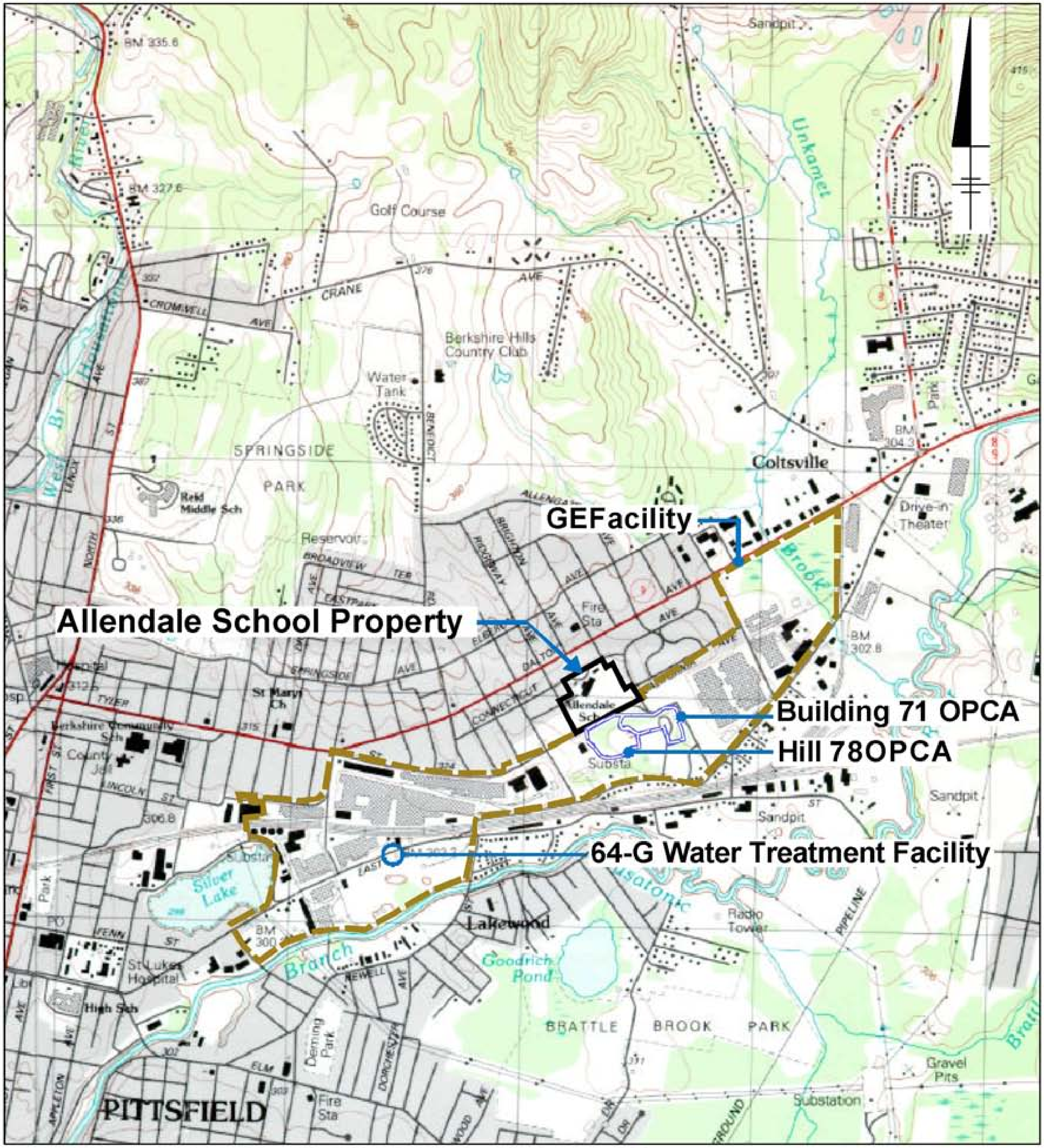
Sample ID	Date Sample Collected	Date and Time Sample Results Received	PCB Analytical Result	Sampling Interval	Comments
AS-PE-COMP-183	8/20/99	8/21/99 (0714)	1.4	1,003'-1,005'	West sidewall (south) of Area UU.
AS-PE-COMP-187	8/20/99	8/21/99 (0714)	1.8	1,003'-1,005'	North sidewall of Area XX.
AS-PE-COMP-188	8/21/99	8/21/99 (2158)	ND(0.042)	1,001'-1,002'	South sidewall of Area J.
AS-PE-COMP-189	8/23/99	8/23/99 (2326)	0.063 J	1,003'-1,005'	East sidewall (south) of Area II.
AS-PE-COMP-191	8/20/99	8/21/99 (0714)	ND(0.042)	995'-997'	Small segment on east sidewall of Area P.
AS-PE-COMP-192	8/20/99	8/21/99 (0714)	0.36	999'-1,001'	East sidewall of Area O.

Notes:

1. Entries in this table represent soil remaining after excavation activities were completed. Refer to Figure 3 for an illustration of sampling locations associated with these data and to Appendic C for validation of these data.
2. Samples were collected by Blasland Bouck & Lee, Inc., and analyzed for PCBs by Adirondack Environmental Services, Inc. using USEPA SW-846 Method 8082.
3. Locations of confirmation soil samples remaining after excavation activities were completed are shown on Figure 3.
4. ND(0.056) -- Not detected. Value in parentheses is the associated detection limit.
5. 2-4' BGS (1014'-1012') -- Feet below existing ground surface. Corresponding depth increment in feet above mean sea level is presented in parentheses.
6. J -- Estimated value less than the CLP-required quantitation limit.
7. JN -- Estimated value less than the CLP-required quantitation limit, but the presence of the compound could not be confirmed during a secondary analysis. The detected compound is presented as “tentatively identified at an approximate concentration”.

Figures

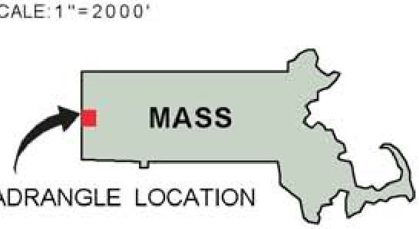
BLASLAND, BOUCK & LEE, INC.
engineers & scientists



REFERENCE: PITTSFIELD EAST, MASS. USGS QUADS., 7.5 MIN. SERIES, 1988

2000' 0 2000'

APPROXIMATE SCALE: 1" = 2000'



GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

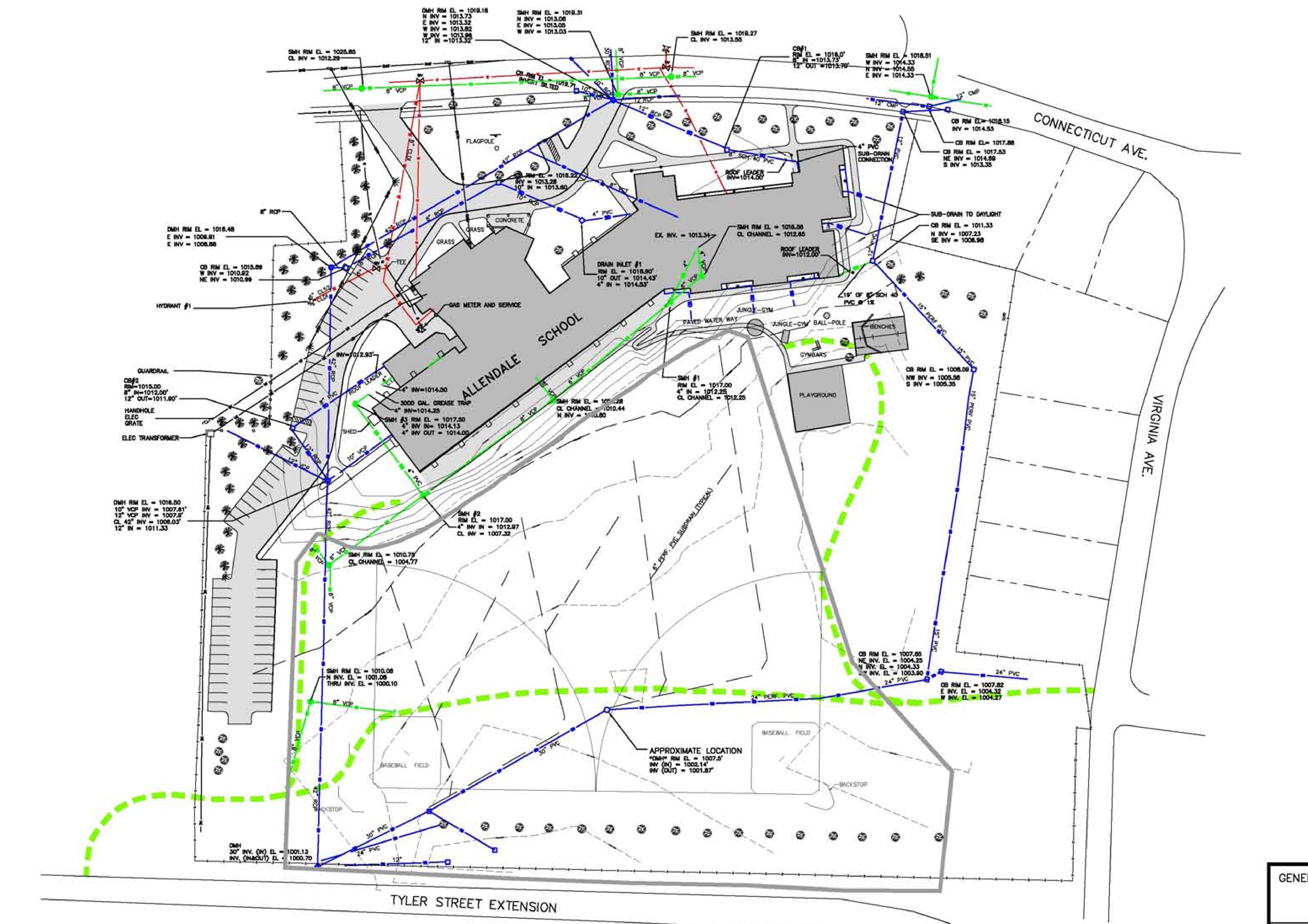
FINAL COMPLETION REPORT FOR THE ALLENDALE SCHOOL REMOVAL ACTION

SITE LOCATION MAP

BBL BLASLAND, BOUCK & LEE, INC. engineers & scientists

FIGURE 1

02/00SYR-D54-DJH
20184006/20184n01.CDR



LEGEND

- EXISTING WATER VALVE
- GAS VALVE
- EXISTING HYDRANT
- EXISTING TREE – DECIDUOUS
- EXISTING TREE – CONIFEROUS
- EXISTING POLE WITH GUY
- LIGHT POLE
- EXISTING SEWER MANHOLE
- CATCH BASIN
- YARD LIGHT
- APPROXIMATE LIMIT OF 2-FOOT THICK SOIL COVER
- APPROXIMATE LOCATION OF TEMPORARY ACCESS ROADS
- EXISTING FENCE
- EXISTING GUARD RAIL
- SANITARY SEWER
- STORM DRAIN
- UNDERGROUND ELECTRIC
- UNDERGROUND TELEPHONE
- UNDERGROUND TELEVISION CABLE
- OVERHEAD WIRE
- WATER LINE
- GAS LINE

CB = CATCH BASIN
SMH = SANITARY MANHOLE
DMH = DRAINAGE MANHOLE

NOTE:

1. BASE MAP AND ALL UTILITIES SUPPLIED BY WHITE ENGINEERING, INC. DRAWING NO. L-5 "UTILITIES PLAN" DATED MARCH 5, 1997.
2. LOCATIONS OF UTILITIES ARE APPROXIMATE.
3. NOT ALL PHYSICAL FEATURES ARE SHOWN.

100' 0 100'

GRAPHIC SCALE

X: 20184X00, 20184X01, 20184X02.DWG
L: ON=*, OFF=*REF*, *GRSTRP, PLTEXT, ELEV, PNTS
P: STD-PCP/BL.PCP
2/17/00 SYR-54-GMS CBM GMS
20184002/REPORT2/20184G11.DWG

GENERAL ELECTRIC COMPANY, PITTSFIELD MASSACHUSSETTS

FINAL COMPLETION REPORT FOR THE ALLENDALE SCHOOL REMOVAL ACTION

PRE-CONSTRUCTION SITE PLAN

BBL BLASLAND, BOUCK & LEE, INC. *engineers & scientists*

FIGURE 2

GENERAL ELECTRIC COMPANY, PITTSFIELD MASSACHUSETTS

FINAL COMPLETION REPORT FOR THE ALLENDALE SCHOOL PROPERTY REMOVAL ACTION

FINAL EXCAVATION DEPTHS AND REMOVAL LIMITS

BBL BLASLAND, BOUCK & LEE, INC. *engineers & scientists*

FIGURE **3** REVISED

X: 20184X00, 20184X01.DWG
L: ON=*, OFF=*REF*, GRSTRP, SHED, PLTEXT, BALLFIELD, REMOVAL1, VTC, VTD CAP
P: STD-PCP/DL.PCP
4/18/00 SYR-54-GMS CBM GMS
20184002/REPORT2/20184G19.DWG

LEGEND:

- EXISTING SEWER MANHOLE
- CATCH BASIN
- EXISTING FENCE
- EXISTING GUARD RAIL
- EXISTING DRAINAGE LINES AFFECTED BY SOIL REMOVAL ACTIONS WHICH REQUIRED LIKE KIND RESTORATION
- ADDED DRAINAGE SYSTEM ENHANCEMENTS
- EXISTING SANITARY SEWER LINE AFFECTED BY SOIL REMOVAL ACTIONS WHICH REQUIRED LIKE KIND RESTORATION

NOTE:

1. BASE MAP SUPPLIED BY WHITE ENGINEERING, INC. DRAWING NO. L-5 "UTILITIES PLAN" DATED MARCH 5, 1997.
2. LOCATIONS OF UTILITIES ARE APPROXIMATE.
3. POST-REMOVAL ACTION TOPOGRAPHY AND CATCH BASIN RIM ELEVATIONS SUPPLIED BY HILL ENGINEERS AS-BUILT RESTORATION PLAN FOR ALLENDALE SCHOOL, DATED NOVEMBER 18, 1999.

100' 0 100'

GRAPHIC SCALE

X: 20184X00, 20184X01, 20184X02.DWG
L: ON=*,OFF=*REF*, BALLFIELD, CAP, GRSTRP, PLTEXT, PLAYGROUND, VTC, VTD
P: STD-PCP/BL.PCP
2/17/00 SYR-54-GMS
20184002/REPORT2/20184G20.DWG

GENERAL ELECTRIC COMPANY, PITTSFIELD MASSACHUSSETTS

FINAL COMPLETION REPORT FOR THE ALLENDALE SCHOOL REMOVAL ACTION

SITE DRAINAGE LINE RESTORATION PLAN

BBL BLASLAND, BOUCK & LEE, INC. *engineers & scientists*

FIGURE 4

Appendices

BLASLAND, BOUCK & LEE, INC.
engineers & scientists

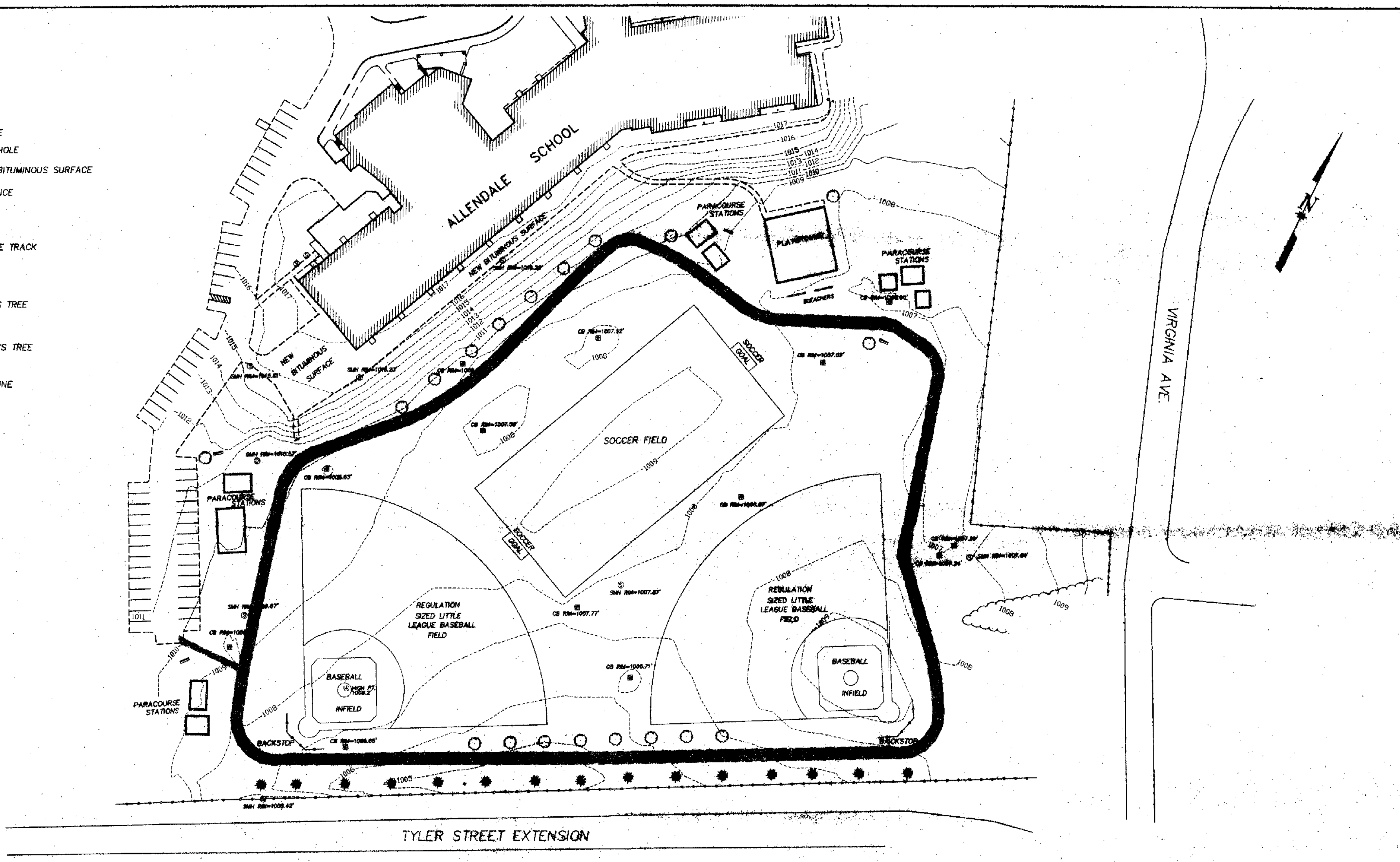
Appendix A

BLASLAND, BOUCK & LEE, INC.
engineers & scientists

As-Built Restoration Plan

LEGEND

- SPOT GRADE
- CATCH BASIN
- DRAIN MANHOLE
- SANITARY MANHOLE
- EDGE OF NEW BITUMINOUS SURFACE
- CHAIN LINK FENCE
- BENCH
- CRUSHED STONE TRACK
- GUARDRAIL
- NEW DECIDUOUS TREE
- NEW CONIFEROUS TREE
- EDGE OF TREELINE



NOTES:

1. AS BUILT CONDITIONS SHOWN ARE AS OF 11-11-99
2. HORIZONTAL AND VERTICAL CONTROL SUPPLIED BY BLASLAND, BOUCK AND LEE.
3. RESTORATION PLAN PROVIDED BY WHITE ENGINEERING, INC. PLAN ENTITLED "SITE RESTORATION PLAN AT ALLENDALE SCHOOL" AND DATED 6-14-99.

2-16-00

Hill
engineers
architects
planners
50 Depot Street
Dalton, MA 01226
(413) 684-0925

ALLENDALE SCHOOL
K11-7-29
PITTSFIELD MASSACHUSETTS

1"=40'
11/15/99
KTP BP
MX-37AB-1.DWG

AS-BUILT RESTORATION PLAN
MX-37-2

Appendix B

BLASLAND, BOUCK & LEE, INC.
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Representative Site Photographs

Allendale School - Removal of Existing Soil Cover

Allendale School - Soil Excavation

01/00SYR-D54-DJH
20140001/20140f16.cdr

Allendale School - Soil Excavation

01/00SYR-D54-DJH
20140001/20140f17.cdr

Allendale School - Backfill Placement and Compaction

Allendale School - School Soccer Field and Landscaping

Allendale School - New Paracourse Stations

01/00SYR-D54-DJH
20140001/20140f22.cdr

Appendix C

BLASLAND, BOUCK & LEE, INC.
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PCB Confirmation Soil Sample Data (Excavated Soils)

Appendix C

General Electric Company -- Pittsfield, Massachusetts

Final Completion Report for the Allendale School Property Removal Action
Confirmation Soil Sample Results (Excavated Soils)

(PCB results are presented in dry-weight parts per million, ppm)

Sample ID	Date Sample Collected	Date and Time Sample Results Received	PCB Analytical Result	Sampling Interval	Comments
AS-PE-1	7/23/99	7/24/99 (0704)	7.2	2-4' BGS (1,014'-1,012')	Collected from north, west, and south side walls of Area C. Based on this sample result, this area was re-excavated and resampled (AS-PE-COMP-1).
AS-PE-DUP-1	7/23/99	7/24/99 (0705)	6.2	2-4' BGS (1,014'-1,012')	Duplicate sample of AS-PE-1.
AS-SLC-00001-0-0020	7/23/99	7/26/99	1.9	2-4' BGS (1,014'-1,012')	USEPA split sample of AS-PE-1.
AS-PE-COMP-2	7/27/99	7/28/99 (0704)	11	2-4' BGS (1,007'-1,005')	Collected from south side wall of Area H. Based on this sample result, this area was re-excavated and resampled (AS-PE-COMP-12).
AS-PE-COMP-3	7/27/99	7/28/99 (0704)	5.1	2-4' BGS (1,007'-1,005')	Collected from west side wall of Area H. Based on this sample result, this area was re-excavated and resampled (AS-PE-COMP-13).
AS-SLC-00004-0-0020	7/27/99	7/28/99	ND(0.67)	2-4' BGS (1,007'-1,005')	USEPA split sample of AS-PE-COMP-3.
AS-PE-COMP-4	7/27/99	7/28/99 (0704)	6.7	2-4' BGS (1,007'-1,005')	Collected from north side wall of Area H. Based on this sample result, this area was re-excavated and resampled (AS-PE-COMP-14).
AS-PE-COMP-9	7/29/99	7/30/99 (0632)	4.0	4-6' BGS (1,005'-1,003')	Collected from west side wall of Area CC. Based on this sample result, this area was re-excavated and resampled (AS-PE-COMP-33).
AS-SLC-00007-0-0040	7/29/99	7/30/99	0.66 J	4-6' BGS (1,005'-1,003')	USEPA split sample of AS-PE-COMP-9.
AS-PE-COMP-12	7/30/99	7/31/99 (0337)	3.7	2-4' BGS (1,007'-1,005')	Collected from south side wall of Area H. Based on this sample result, this area was re-excavated and resampled (AS-PE-COMP-27).
AS-PE-COMP-13	7/30/99	7/31/99 (0337)	7.8	2-4' BGS (1,007'-1,005')	Collected from west side wall of Area H. Based on this sample result, this area was re-excavated and resampled (AS-PE-COMP-28).
AS-PE-DUP-4	7/30/99	7/31/99 (0337)	7.4	2-4' BGS (1,007'-1,005')	Duplicate sample of AS-PE-COMP-13.
AS-PE-COMP-15	7/31/99	8/1/99 (2225)	3.2	2-4' BGS (1,005'-1,003')	Collected from north/east side walls of Area BB. Based on this sample result, this area was re-excavated and resampled (AS-PE-COMP-46).

(See Notes on Page 9)

Appendix C

General Electric Company -- Pittsfield, Massachusetts

Final Completion Report for the Allendale School Property Removal Action
Confirmation Soil Sample Results (Excavated Soils)
(PCB results are presented in dry-weight parts per million, ppm)

Sample ID	Date Sample Collected	Date and Time Sample Results Received	PCB Analytical Result	Sampling Interval	Comments
AS-PE-COMP-26	8/2/99	8/3/99 (0639)	3.5	6-8' BGS (1,008'-1,006')	Collected from west, south, and east side walls of Area B. Based on this sample result, this area was re-excavated and resampled (AS-PE-COMP-34).
AS-PE-COMP-27	8/2/99	8/3/99 (0639)	27	2-4' BGS (1,007'-1,005')	Collected from south side wall of Area. Based on this sample result, this area was re-excavated and resampled (AS-PE-COMP-47).
AS-PE-COMP-28	8/2/99	8/3/99 (0639)	26	2-4' BGS (1,007'-1,005')	Collected from west side wall of Area H. Based on this sample result, this area was re-excavated and resampled (AS-PE-COMP-48).
AS-PE-COMP-29	8/2/99	8/3/99 (0639)	6.3	2-4' BGS (1,005'-1,003')	Collected from north side wall of Area T. Based on this sample result, this area was re-excavated and resampled (AS-PE-COMP-108).
AS-SLC000011-0-0020	8/2/99	8/3/99	3.4	2-4' BGS (1,005'-1,003')	USEPA split sample of AS-PE-COMP-29.
AS-PE-COMP-37	8/3/99	8/4/99 (0321)	140	1,005'-1,003'	Collected from southwest side wall of Area G. Based on this sample result, this area was re-excavated and resampled (AS-PE-COMP-52).
AS-PE-COMP-38	8/3/99	8/4/99 (0321)	3.9	1,010'-1,008'	Collected from south/east side walls of Area A. Based on this sample result, this area was re-excavated and resampled (AS-PE-COMP-62).
AS-SLC000013-0-0040	8/3/99	8/4/99 (1515)	4.7	1,010'-1,008'	USEPA split sample of AS-PE-COMP-38.
AS-PE-COMP-40	8/3/99	8/4/99 (0321)	12	1,010'-1,008'	Collected from east/south side walls of Area A. Based on this sample result, this area was re-excavated and resampled (AS-PE-COMP-63).
AS-PE-COMP-42	8/3/99	8/4/99 (0321)	45	1,005'-1,003'	Collected from west side wall (north end) of Area W. Based on this sample result, this area was re-excavated and resampled (AS-PE-COMP-49).
AS-PE-COMP-43	8/3/99	8/4/99 (0321)	3.1	1,003'-1,001'	Collected from west side wall (north end) of Area W. Based on this sample result, this area was re-excavated and resampled (AS-PE-COMP-50).

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(PCB results are presented in dry-weight parts per million, ppm)

Sample ID	Date Sample Collected	Date and Time Sample Results Received	PCB Analytical Result	Sampling Interval	Comments
AS-PE-COMP-47	8/4/99	8/5/99 (0347)	13	1,007'-1,005'	Collected from south side wall of Area H. Based on this sample result, this area was re-excavated and resampled (AS-PE-COMP-77).
AS-PE-COMP-48	8/4/99	8/5/99 (0347)	5.2	1,007'-1,005'	Collected from west side wall of Area H. Based on this sample result, this area was re-excavated and resampled (AS-PE-COMP-76).
AS-PE-DUP-7	8/4/99	8/5/99 (0347)	5.2	1,007'-1,005'	Duplicate sample of AS-PE-COMP-48.
AS-SLC00015-0-0020	8/4/99	8/5/99 (1000)	6.1	1,007'-1,005'	USEPA split sample of AS-PE-COMP-48.
AS-PE-COMP-49	8/4/99	8/5/99 (0347)	23	1,005'-1,003'	Collected from west side wall of Area W. Based on this sample result, this area was re-excavated and resampled (AS-PE-COMP-79).
AS-PE-COMP-50	8/4/99	8/5/99 (0347)	12	1,003'-1,001'	Collected from north/west side walls of Area W. Based on this sample result, this area was re-excavated and resampled (AS-PE-COMP-78).
AS-PE-COMP-52	8/4/99	8/5/99 (0347)	7.2	1,005'-1,003'	Collected from west/north side walls of Area G. Based on this sample result, this area was re-excavated and resampled (AS-PE-COMP-85).
AS-PE-COMP-62	8/5/99	8/6/99 (0655)	5.7	1,010'-1,008'	Collected from south/east side walls of Area A. Based on this sample result, this area was re-excavated and resampled (AS-PE-COMP-74).
AS-SLC00017-0-0060	8/5/99	8/6/99 (1030)	2.2	1,010'-1,008'	USEPA split sample of AS-PE-COMP-62.
AS-PE-COMP-63	8/5/99	8/6/99 (0655)	2.8	1,010'-1,008'	Collected from south/west side wall of Area A. Based on this sample result, this area was re-excavated and resampled (AS-PE-COMP-75).
AS-PE-COMP-77	8/7/99	8/8/99 (2009)	23	1,007'-1,005'	Collected from south side wall of Area H. Based on this sample result, this area was re-excavated and resampled (AS-PE-COMP-93).
AS-PE-COMP-78	8/7/99	8/8/99 (2009)	15	1,003'-1,001'	Collected from west side wall of Area W. Based on this sample result, this area was re-excavated and resampled (AS-PE-COMP-92).

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(PCB results are presented in dry-weight parts per million, ppm)

Sample ID	Date Sample Collected	Date and Time Sample Results Received	PCB Analytical Result	Sampling Interval	Comments
AS-PE-COMP-79	8/7/99	8/8/99 (2009)	20	1,005'-1,003'	Collected from west side wall of Area W. Based on this sample result, this area was re-excavated and resampled (AS-PE-COMP-93).
AS-PE-COMP-80	8/7/99	8/8/99 (2009)	4.0	1,003'-1,001'	Collected from east side wall of Area X. Based on this sample result, this area was re-excavated and resampled (AS-PE-COMP-88).
AS-PE-COMP-81	8/7/99	8/8/99 (2009)	230	1,005'-1,003'	Collected from east side wall of Area X. Based on this sample result, this area was re-excavated and resampled (AS-PE-COMP-89).
AS-PE-COMP-82	8/7/99	8/8/99 (2009)	21	1,003'-1,001'	Collected from south side wall of Area X. Based on this sample result, this area was re-excavated and resampled (AS-PE-COMP-86).
AS-PE-COMP-83	8/7/99	8/8/99 (2009)	220	1,005'-1,003'	Collected from south side wall of Area X. Based on this sample result, this area was re-excavated and resampled (AS-PE-COMP-87).
AS-PE-COMP-85	8/7/99	8/8/99 (2009)	2.5	1,005'-1,003'	Collected from west/north side wall of Area G. Based on this sample result, this area was re-excavated and resampled (AS-PE-COMP-90 and -91).
AS-PE-COMP-86	8/10/99	8/11/99 (0128)	4.6	1,003'-1,001'	Collected from south side wall of Area X. Based on this sample result, this area was re-excavated and resampled (AS-PE-COMP-101).
AS-PE-COMP-87	8/10/99	8/11/99 (0128)	23	1,005'-1,003'	Collected from south side wall of Area X. Based on this sample result, this area was re-excavated and resampled (AS-PE-COMP-100).
AS-PE-COMP-88	8/10/99	8/11/99 (0128)	3.7	1,003'-1,001'	Collected from east side wall of Area X. Based on this sample result, this area was re-excavated and resampled (AS-PE-COMP-103).
AS-PE-DUP-9	8/10/99	8/11/99 (0128)	3.8	1,003'-1,001'	Duplicate sample of AS-PE-COMP-88.
AS-SLC00019-0-0040	8/10/99	8/12/99	0.51 J	1,003'-1,001'	USEPA split sample of AS-PE-COMP-88.
AS-PE-COMP-89	8/10/99	8/11/99 (0128)	68	1,005'-1,003'	Collected from east side wall of Area X. Based on this sample result, this area was re-excavated and resampled (AS-PE-COMP-102).

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(PCB results are presented in dry-weight parts per million, ppm)

Sample ID	Date Sample Collected	Date and Time Sample Results Received	PCB Analytical Result	Sampling Interval	Comments
AS-PE-COMP-93	8/11/99	8/12/99 (0654)	9.7	1,003'-1,005'	Collected from south side wall of Area H. Based on this sample result, this area was re-excavated and resampled (AS-PE-COMP-113).
AS-SLC00021-0-0040	8/11/99	8/12/99	2.1	1,003'-1,005'	USEPA split sample of AS-PE-COMP-93.
AS-PE-COMP-94	8/11/99	8/12/99 (0654)	27	1,001'-1,003'	Collected from north side wall (east end) of Area I. Entire area will be excavated to elevation 1,001'. Area was resampled (AS-PE-COMP-162) along north edge.
AS-PE-COMP-96	8/11/99	8/12/99 (0654)	8.6	1,001'-1,003'	Collected from east side wall of Areas S and U. Based on this sample result, this area was resampled (AS-PE-COMP-130).
AS-PE-COMP-99	8/11/99	8/12/99 (0654)	3.9	1,003'-1,005'	Collected from east side wall (south end) of Area V. Based on this sample result, this area was resampled (AS-PE-COMP-107).
AS-PE-COMP-100	8/11/99	8/12/99 (0654)	31	1,003'-1,005'	Collected from south side wall of Area X. Based on this sample result, this area was resampled (AS-PE-COMP-105).
AS-PE-COMP-101	8/11/99	8/12/99 (0654)	4.3	1,001'-1,003'	Collected from south side wall of Area X. Based on this sample result, this area was resampled (AS-PE-COMP-127).
AS-PE-COMP-102	8/12/99	8/12/99 (1703)	5.2	1,003'-1,005'	Collected from east side wall of Area X. Based on this sample result, this area was resampled (AS-PE-COMP-105).
AS-PE-COMP-105	8/12/99	8/13/99 (0706)	2.8	1,003'-1,005'	Collected from east side wall of Area X. Based on this sample result, this area was resampled (AS-PE-COMP-128).
AS-PE-COMP-106	8/12/99	8/13/99 (0706)	Not Analyzed	1,001'-1,003'	Collected from east side wall of Area X. This sample was not analyzed.
AS-PE-COMP-108	8/12/99	8/13/99 (0706)	1.6	1,003'-1,005'	Collected from north side wall of Area T. The average result for this sample and the USEPA split sample was 2.56 ppm; therefore, the limits were expanded. Based on this sample result, this area was resampled (AS-PE-COMP-129).

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(PCB results are presented in dry-weight parts per million, ppm)

Sample ID	Date Sample Collected	Date and Time Sample Results Received	PCB Analytical Result	Sampling Interval	Comments
AS-SLC00022-0-0020	8/12/99	8/13/99 (0930)	3.5	1,003'-1,005'	USEPA split sample of AS-PE-COMP-108.
AS-PE-COMP-113	8/12/99	8/13/99 (0706)	3.4	1,003'-1,005'	Collected from west side wall (south side) of Area H. Based on this sample result, this area was re-excavated and resampled (AS-PE-COMP-121).
AS-PE-COMP-116	8/12/99	8/13/99 (0706)	52	999'-1,000'	Collected from north/west side walls of Area R.
AS-PE-COMP-128	8/14/99	8/15/99 (1928)	5.4	1,003'-1,005'	Collected along the east side of Area X. Based on this sample result, this area was resampled (AS-PE-COMP-136).
AS-PE-COMP-130	8/14/99	8/15/99 (1928)	5.5	1,001'-1,003'	Collected along the east side of Area U. Based on this sample result, this area was resampled (AS-PE-COMP-143).
AS-PE-COMP-133	8/14/99	8/15/99 (1928)	2.6	1,005'-1,006'	Collected along the east side of Area N. Based on this sample result, this area will be re-excavated to Area O and not require an additional sample.
AS-PE-COMP-134	8/14/99	8/15/99 (1928)	2.8	1,003'-1,005'	Collected along the west side of Area O. Based on this sample result, this area will be re-excavated to Area N and not require an additional sample.
AS-SLC00024-0-0040	8/14/99	8/17/99	3.9	1,003'-1,005'	USEPA split sample of AS-PE-COMP-134.
AS-PE-COMP-136	8/14/99	8/15/99 (1928)	20	1,003'-1,005'	Collected along the east side of Area X. Based on this sample result, this area was resampled (AS-PE-COMP-140, -141, and -142).
AS-PE-COMP-137	8/14/99	8/15/99 (1928)	0.33	1,002'-1,004'	Collected along the south side (west end) of Area J.
AS-PE-COMP-138	8/14/99	8/15/99 (1928)	4.4	1,004'-1,006'	Collected along the south side (west end) of Area J. Based on this sample result, this area was resampled (AS-PE-COMP-147).
AS-PE-COMP-139	8/16/99	8/17/99 (0703)	0.44	1,003'-1,005'	Collected from the east side wall of Area X (new side wall was generated due to expansion of side wall).

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Confirmation Soil Sample Results (Excavated Soils)
(PCB results are presented in dry-weight parts per million, ppm)

Sample ID	Date Sample Collected	Date and Time Sample Results Received	PCB Analytical Result	Sampling Interval	Comments
AS-SLC00025-0-0020	8/16/99	8/17/99 (0930)	2.3	1,003'-1,005'	USEPA split sample of AS-PE-COMP-139. This sample result was averaged with AS-PE-COMP-139 and was 1.365; therefore, no additional sampling is needed.
AS-PE-COMP-143	8/16/99	8/17/99 (0703)	23	1,001'-1,003'	Collected from the east side wall of Area U. Based on this sample result, this area was resampled(AS-PE-COMP-144).
AS-PE-COMP-144	8/16/99	8/17/99 (1045)	13	1,001'-1,003'	Collected from the east side wall of Area U. Based on this sample result, this area was resampled (AS-PE-COMP-149).
AS-PE-COMP-145	8/16/99	8/17/99 (0703)	0.92	1,003'-1,005'	Collected from north side of Area O.
AS-PE-COMP-146	8/16/99	8/17/99 (0703)	0.72	1,001'-1,003'	Collected from north side of Area O.
AS-PE-COMP-147	8/16/99	8/17/99 (1625)	1.9	1,004'-1,006'	Collected from south side wall of Area J.
AS-PE-COMP-149	8/17/99	8/18/99 (0654)	6.5	1,001'-1,003'	Collected from the east side wall of Area U. Based on this sample result, this area was resampled (AS-PE-COMP-163).
AS-PE-COMP-158	8/17/99	8/18/99 (2032)	4.3	1,000-1,001'	Collected from the sidewall of Areas S and K.
AS-PE-COMP-159	8/17/99	8/18/99 (2032)	0.19	1,001'-1,003'	Collected from the east sidewall of Area I.
AS-PE-COMP-161	8/17/99	8/18/99 (0654)	6.9	1,001'-1,003'	Collected from the west side wall of Area I. Based on this sample result, this area will be excavated down to 1,001' and the area was resampled (AS-PE-COMP-162).
AS-PE-COMP-163	8/18/99	8/18/99 (2032)	ND(0.043)	1,001'-1,003'	East sidewall for Area U (east side of Area T).
AS-PE-COMP-164	8/18/99	8/19/99 (0639)	2.4	1,001'-1,003'	West sidewall of Area L.
AS-PE-COMP-168	8/19/99	8/20/99 (0659)	7.5	1,000'-1,001	Resample of AS-PE-COMP-158.
AS-SLC00031-0-0060	8/19/99	8/20/99	17	1,000'-1,001	USEPA split sample of AS-PE-COMP-168.

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General Electric Company -- Pittsfield, Massachusetts

Final Completion Report for the Allendale School Property Removal Action
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(PCB results are presented in dry-weight parts per million, ppm)

Sample ID	Date Sample Collected	Date and Time Sample Results Received	PCB Analytical Result	Sampling Interval	Comments
AS-PE-COMP-171	8/19/99	8/20/99 (0659)	3.1	1,001'-1,003'	Resample of AS-PE-COMP-164.
AS-PE-COMP-172	8/20/99	8/20/99 (1524)	9.4	999'-1,000'	Resample of AS-PE-COMP-116. Entire Area Q will be excavated down to elevation 999'.
AS-SLC00032-0-0060	8/20/99	8/21/99 (0730)	1.2	999'-1,000'	USEPA split sample of AS-PE-COMP-172.
AS-PE-COMP-175	8/20/99	8/20/99 (1524)	2.2	999'-1,001'	Southwest sidewall of Area L.
AS-PE-COMP-178	8/20/99	8/21/99 (0714)	120	999'-1,000'	South and southeast sidewalls of Area L. Entire Area Q will be excavated down to 999'.

Notes:

1. Entries in this table represent samples of soils which were removed during excavation activities.
2. Samples were collected by Blasland Bouck & Lee, Inc., and analyzed for PCBs by Adirondack Environmental Services, Inc. using USEPA SW-846 Method 8082.
3. ND(0.056) -- Not detected. Value in parentheses is the associated detection limit.
4. 2-4' BGS (1014'-1012') -- Feet below existing ground surface. Corresponding depth increment in feet above mean sea level is presented in parentheses.
5. J -- Estimated value less than the CLP-required quantitation limit.

Appendix D

BLASLAND, BOUCK & LEE, INC.
engineers & scientists

PCB Confirmation Soil Sampling Data Validation Report and Laboratory Analytical Data

APPENDIX D

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

FINAL COMPLETION REPORT FOR THE ALLENDALE SCHOOL REMOVAL ACTION

PCB CONFIRMATION SOIL SAMPLING DATA VALIDATION REPORT

1.0 General

This appendix summarizes the Tier I and Tier II data review performed for soil samples recently collected during Removal Action activities at the Allendale School Property (Parcel K11-7-29) located in Pittsfield, Massachusetts. The samples were analyzed for polychlorinated biphenyls (PCBs) by Adirondack Environmental Services, Inc., of Albany, New York. A total of 129 PCB samples were reviewed in accordance with the data validation procedures specified in the Field Sampling Plan/Quality Assurance Project Plan. These samples were collected from depth intervals or locations not subject to excavation.

This memorandum outlines the applicable quality control criteria utilized during the data review process and any deviations from those criteria. The data review was conducted in accordance with the following documents:

- *Field Sampling Plan/Quality Assurance Project Plan* (FSP/QAPP), prepared for General Electric Company by Blasland, Bouck & Lee, Inc., and submitted to the United States Environmental Protection Agency (USEPA) in January 2000 (approval pending);
- *Region I Tiered Organic and Inorganic Data Validation Guidelines*, USEPA Region I, July 1, 1993;
- *Region I Laboratory Data Validation Functional Guidelines for Evaluating Organics Analyses*, USEPA Region I, February 1, 1988 (modified November 1, 1988); and
- *Region I Laboratory Data Validation Functional Guidelines for Evaluating Volatile and Semivolatile Organics Analyses*, USEPA Region I, December 1996;

A tabulated summary of the Tier I and Tier II data evaluation is presented in Table 1. Each sample subjected to evaluation is listed in Table 1 to document that data review was performed and present the highest level of data validation (Tier I or Tier II) that was applied. Samples that required data qualification are listed separately for each parameter that required qualification.

The following data qualifiers have been used in this data evaluation.

JN The compound was detected at a concentration less than the contract-required quantitation limit (CRQL), but the presence of the compound could not be confirmed during a secondary analysis. The detected compound is presented as "tentatively identified at an approximate concentration".

The FSP/QAPP provides (in Section 5.7.3) that all analytical data will be validated to a Tier I level following the procedures presented in the *Region I Tiered Organic and Inorganic Data Validation Guidelines* (USEPA guidelines). Accordingly, 100 percent of the analytical data for these investigations was subjected to Tier I review. The Tier I review consisted of a completeness evidence audit as outlined in the *USEPA Region I CSF Completeness Evidence Audit Program* (USEPA Region I, 7/31/91) to ensure that all laboratory data and documentation were present.

In the event that data packages were determined to be incomplete, the missing information was requested from the laboratory. Upon completion of the Tier I review, the data packages complied with the USEPA Region I Tier I data completeness requirements.

As specified in the FSP/QAPP, approximately 25 percent of the laboratory sample delivery group packages were chosen to be subjected to a Tier II review. A Tier II review was also performed to resolve data usability limitations that were identified from laboratory qualification of the data during the Tier I data review. The Tier II data review consisted of a review of all data package summary forms for identification of quality assurance/quality control (QA/QC) deviations and qualification of the data according to the Region I Data Validation Functional Guidelines. Due to the variable sizes of the data packages and the number of data qualification issues identified during the Tier I review, approximately 28 percent of the data were subjected to a Tier II review. The Tier II review resulted in the qualification of data for several samples due to minor QA/QC deficiencies. Additionally, all field duplicates were examined for relative percent difference (RPD) compliance with the criteria specified in the FSP/QAPP.

A tabulated summary of the samples subjected to Tier I and Tier II data evaluations is presented below.

Summary of Samples Subjected to Tier I and Tier II Data Validation

	Tier I Only			Tier I and II			
Parameter	**Samples**	**Duplicates**	**Blanks**	**Samples**	**Duplicates**	**Blanks**	**Total**
PCBs	89	4	0	31	3	1	128

When qualification of the sample data was required, the sample results associated with a QA/QC parameter deviation were qualified in accordance with the procedures outlined in the USEPA Region I data validation guidance documents. A summary of the QA/QC parameter deviations that resulted in data qualification is presented below.

A general discussion of the QA/QC deviations that resulted in sample qualification is presented in the following paragraphs. The specific samples affected, the criteria that were exceeded, and the qualification of the affected samples are presented in Table 1 for each individual sample.

2.0 Data Validation Summary

Samples with detected amounts of PCBs are analyzed on a secondary GC column in order to confirm the presence of PCBs. If the presence of PCBs are not confirmed through the analysis of the sample on the secondary column, then the concentration of PCBs detected on the primary GC column must be qualified as "tentatively identified at an approximate concentration" (JN). PCB compounds that were not confirmed through secondary analysis and the number of samples qualified due to non-confirmation are identified below.

Compounds Qualified Due to non-Confirmation on Secondary GC Column

Compound	Number of Affected Samples	Qualification
Aroclor-1260	8	JN

2.1 Data Usability

This section summarizes the analytical data in terms of its completeness and usability for site characterization purposes. Data completeness is defined as the percentage of sample results that have been determined to be usable during the data validation process. The percent usability calculation included analyses evaluated under both the Tier I and Tier II data validation reviews. The percent usability calculation also includes quality control samples collected to aid in the evaluation of data usability. Therefore, equipment blanks and field duplicate data determined to be unusable as a result of the validation process are included in the overall usability evaluation. For this data package, 100 percent of the PCB data were determined to be usable. None of the data were rejected during the Tier I and Tier II data validation process.

2.2 PARCC Parameters

The data package completeness as determined from the Tier I data review was used in combination with the data quality deviations identified during the Tier II data review to determine overall data quality. As specified in the FSP/QAPP, the overall precision, accuracy, representativeness, comparability, and completeness (PARCC) parameters determined from the Tier I and Tier II data reviews were used as indicators of overall data quality. These parameters were assessed through an evaluation of the results of the field and laboratory QA/QC sample analyses to provide a measure of compliance of the analytical data with the data quality objectives (DQOs) specified in the FSP/QAPP. Therefore, the following sections present summaries of the PARCC parameters assessment with regard to the DQOs specified in the FSP/QAPP.

2.2.1 Precision

Precision measures the reproducibility of measurements under a given set of conditions. Specifically, it is a quantitative measure of the variability of a group of measurements compared to their average value. For this investigation, precision was defined as the RPD between duplicate sample results. The duplicate samples utilized to evaluate precision included laboratory duplicates, field duplicates, and matrix spike/matrix spike duplicate (MS/MSD) samples. For this analytical program, none of the data required qualification for laboratory duplicate, field duplicate, or MS/MSD deviations.

2.2.2 Accuracy

Accuracy measures the bias in an analytical system, or the degree of agreement of a measurement with a known reference value. For this investigation, accuracy was defined as the percent recovery of QA/QC samples that were spiked with a known concentration of an analyte or compound of interest. The QA/QC samples used to evaluate analytical accuracy included instrument calibration, laboratory control samples, MS/MSD samples, and surrogate compound recoveries. For this analytical program, none of the data required qualification for calibration deviations, MS/MSD recovery, or laboratory control sample deviations.

2.2.3 Representativeness

Representativeness expresses the degree to which sample data accurately and precisely represents a characteristic of a population, parameter variations at a sampling point, or an environmental condition. Representativeness is a qualitative parameter which is most concerned with the proper design of the sampling program. The representativeness criterion is best satisfied by making certain that sampling locations are selected properly and a sufficient number of samples are collected. This parameter has been addressed by following the procedures for sample collection/analyses that were described in the FSP/QAPP. Additionally, the analytical program used procedures that were consistent with USEPA approved analytical methodology. Holding time and temperature are QA/QC parameters that can be used to assess the representativeness of a sample. These criteria are established to maintain the samples in a state that is representative of in-situ field conditions before analysis. For this analytical program, none of the data were qualified for exceeding holding time or temperature requirements.

2.2.4 Comparability

Comparability is a qualitative parameter expressing the confidence with which one data set can be compared with another. This goal was also achieved through the use of the standardized techniques for sample collection and analysis presented in the FSP/QAPP. The USEPA SW-846 analytical methods presented in the FSP/QAPP are updated on occasion by the USEPA to benefit from recent technological advancements in analytical chemistry and instrumentation. In most cases the method upgrades include the incorporation of new technology that improves the sensitivity and stability of the instrumentation or allows the laboratory to increase throughput without hindering accuracy and precision. Overall, the analytical methods for this investigation have remained consistent in their general approach through continued use of the basic analytical techniques (i.e., sample extraction/preparation, instrument calibration, QA/QC procedures, etc.). Through this use of consistent base analytical procedures and by requiring that updated procedures meet the QA/QC criteria specified in the FSP/QAPP, the analytical data from past, present, and future sampling events will be comparable to allow for qualitative and quantitative assessment of site conditions.

2.2.5 Completeness

Completeness is defined as the percentage of measurements made that are judged to be valid or usable to meet the prescribed DQOs. The completeness criterion is essentially the same for all data uses -- the generation of a sufficient amount of valid data. The actual completeness of this analytical data set was 100 percent, which is greater than the minimum required usability of 90 percent as specified in the FSP/QAPP.

3.0 Overall Data Evaluation Summary

Overall, the sample data evaluated by way of this memorandum were determined to be entirely usable. Eight samples were qualified due to non-confirmation of Aroclor-1260 on a secondary GC column; however, 100 percent of the data were determined to be usable for site characterization purposes.

TABLE 1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

PARCEL K11-7-29 (ALLENDALE SCHOOL PROPERTY)

ANALYTICAL DATA VALIDATION SUMMARY - RD/RA CONFIRMATION SOIL PCB DATA
(Results are presented in dry weight parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
PCBs											
AS-PE-1 (2-4)	AS-PE-2 (4-6)	7/23/99	Soil	Tier II	No						
AS-PE-1 (2-4)	AS-PE-COMP-1 (2-4)	7/27/99	Soil	Tier II	No						
AS-PE-1 (2-4)	AS-PE-COMP-5 (8-10)	7/28/99	Soil	Tier II	No						
AS-PE-1 (2-4)	AS-PE-COMP-6 (8-10)	7/28/99	Soil	Tier II	No						
AS-PE-1 (2-4)	AS-PE-COMP-7 (2-4)	7/28/99	Soil	Tier II	No						
AS-PE-1 (2-4)	AS-PE-COMP-8 (2-4)	7/28/99	Soil	Tier II	No						
AS-PE-1 (2-4)	AS-PE-DUP-2	7/28/99	Soil	Tier II	No						Duplicate of AS-PE-COMP-8 (2-4)
AS-PE-1 (2-4)	AS-PE-COMP-10 (4-6)	7/29/99	Soil	Tier II	No						
AS-PE-1 (2-4)	AS-PE-DUP-3	7/29/99	Soil	Tier II	No						Duplicate of AS-PE-COMP-10 (4-6)
AS-PE-1 (2-4)	AS-PE-COMP-11 (4-6)	7/29/99	Soil	Tier II	No						
AS-PE-1 (2-4)	Rinse Blank	7/23/99	Water	Tier II	No						
AS-PE-30 (2-4)	AS-PE-30 (2-4)	7/30/99	Soil	Tier I	No						
AS-PE-30 (2-4)	AS-PE-COMP-14 (2-4)	7/30/99	Soil	Tier I	No						
AS-PE-30 (2-4)	AS-PE-COMP-16 (4-6)	7/31/99	Soil	Tier I	No						
AS-PE-30 (2-4)	AS-PE-COMP-17 (2-4)	7/31/99	Soil	Tier I	No						
AS-PE-30 (2-4)	AS-PE-COMP-18 (4-6)	7/31/99	Soil	Tier I	No						
AS-PE-30 (2-4)	AS-PE-COMP-19 (6-8)	7/31/99	Soil	Tier I	No						
AS-PE-30 (2-4)	AS-PE-COMP-20 (2-4)	7/31/99	Soil	Tier I	No						
AS-PE-30 (2-4)	AS-PE-COMP-21 (4-6)	7/31/99	Soil	Tier I	No						
AS-PE-30 (2-4)	AS-PE-COMP-22 (6-8)	7/31/99	Soil	Tier I	No						
AS-PE-30 (2-4)	AS-PE-COMP-23 (8-10)	7/31/99	Soil	Tier I	No						
AS-PE-38 (4-6)	AS-PE-DUP-5	7/31/99	Soil	Tier I	No						Duplicate of AS-PE-COMP-23 (8-10)
AS-PE-38 (4-6)	AS-PE-COMP-24 (8-10)	7/31/99	Soil	Tier I	No						
AS-PE-38 (4-6)	AS-PE-COMP-25 (8-10)	7/31/99	Soil	Tier I	No						
AS-PE-38 (4-6)	AS-PE-38 (4-6)	7/31/99	Soil	Tier I	No						
AS-PE-38 (4-6)	AS-PE-COMP-30 (2-4)	8/2/99	Soil	Tier I	No						
AS-PE-38 (4-6)	AS-PE-COMP-31 (2-4)	8/2/99	Soil	Tier I	No						
AS-PE-38 (4-6)	AS-PE-COMP-32 (2-4)	8/2/99	Soil	Tier I	No						
AS-PE-38 (4-6)	AS-PE-COMP-33 (2-4)	8/2/99	Soil	Tier I	No						
AS-PE-38 (4-6)	AS-PE-DUP-6	8/2/99	Soil	Tier I	No						Duplicate of AS-PE-COMP-33 (2-4)
AS-PE-38 (4-6)	AS-PE-COMP-34 (6-8)	8/3/99	Soil	Tier I	No						
AS-PE-38 (4-6)	AS-PE-COMP-35 (1002-1003)	8/3/99	Soil	Tier I	No						
AS-PE-38 (4-6)	AS-PE-COMP-36 (1000-1002)	8/3/99	Soil	Tier I	No						
AS-PE-38 (4-6)	AS-PE-COMP-39 (1006-1008)	8/3/99	Soil	Tier I	No						
AS-PE-38 (4-6)	AS-PE-COMP-41 (1006-1008)	8/3/99	Soil	Tier I	No						

TABLE I

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

PARCEL K11-7-29 (ALLENDALE SCHOOL PROPERTY)

ANALYTICAL DATA VALIDATION SUMMARY - RD/RA CONFIRMATION SOIL PCB DATA

(Results are presented in dry weight parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
AS-PE-COMP-37(1003-1005)	AS-PE-COMP-44 (1001-999)	8/3/99	Soil	Tier I	No						
AS-PE-COMP-37(1003-1005)	AS-PE-COMP-45 (1000-1001)	8/3/99	Soil	Tier I	No						
AS-PE-COMP-37(1003-1005)	AS-PE-COMP-46 (1003-1005)	8/3/99	Soil	Tier I	No						
AS-PE-COMP-37(1003-1005)	AS-PE-COMP-51 (1004-1002)	8/4/99	Soil	Tier I	No						
AS-PE-COMP-53(995-997)	AS-PE-COMP-53 (995-997)	8/5/99	Soil	Tier I	No						
AS-PE-COMP-53(995-997)	AS-PE-COMP-54 (997-999)	8/5/99	Soil	Tier I	No						
AS-PE-COMP-53(995-997)	AS-PE-COMP-55 (999-1000)	8/5/99	Soil	Tier I	No						
AS-PE-COMP-53(995-997)	AS-PE-COMP-56 (995-997)	8/5/99	Soil	Tier I	No						
AS-PE-COMP-37(1003-1005)	AS-PE-COMP-57 (997-999)	8/5/99	Soil	Tier I	No						
AS-PE-COMP-37(1003-1005)	AS-PE-COMP-58 (999-1001)	8/5/99	Soil	Tier I	No						
AS-PE-COMP-37(1003-1005)	AS-PE-COMP-59 (995-997)	8/5/99	Soil	Tier I	No						
AS-PE-COMP-37(1003-1005)	AS-PE-COMP-60 (997-999)	8/5/99	Soil	Tier I	No						
AS-PE-COMP-37(1003-1005)	AS-PE-COMP-61 (999-1000)	8/5/99	Soil	Tier I	No						
AS-PE-COMP-53(995-997)	AS-PE-COMP-64 (995-997)	8/5/99	Soil	Tier I	No						
AS-PE-COMP-53(995-997)	AS-PE-COMP-65 (997-999)	8/5/99	Soil	Tier I	No						
AS-PE-COMP-53(995-997)	AS-PE-COMP-66 (999-1000)	8/5/99	Soil	Tier I	No						
AS-PE-COMP-67(995-997)	AS-PE-COMP-67 (995-997)	8/6/99	Soil	Tier II	No						
AS-PE-COMP-67(995-997)	AS-PE-COMP-68 (997-999)	8/6/99	Soil	Tier II	No						
AS-PE-COMP-67(995-997)	AS-PE-COMP-69 (999-1001)	8/6/99	Soil	Tier II	No						
AS-PE-COMP-67(995-997)	AS-PE-COMP-70 (995-997)	8/6/99	Soil	Tier II	No						
AS-PE-COMP-67(995-997)	AS-PE-COMP-71 (997-999)	8/6/99	Soil	Tier II	No						
AS-PE-COMP-67(995-997)	AS-PE-COMP-72 (995-997)	8/6/99	Soil	Tier II	No						
AS-PE-COMP-67(995-997)	AS-PE-COMP-73 (997-999)	8/6/99	Soil	Tier II	No						
AS-PE-COMP-67(995-997)	AS-PE-COMP-74 (1008-1010)	8/6/99	Soil	Tier II	No						
AS-PE-COMP-67(995-997)	AS-PE-COMP-75 (1008-1010)	8/6/99	Soil	Tier II	No						
AS-PE-COMP-67(995-997)	AS-PE-COMP-76 (1007-1005)	8/6/99	Soil	Tier II	No						
AS-PE-COMP-67(995-997)	AS-PE-DUP-8	8/6/99	Soil	Tier II	No						Duplicate of AS-PE-COMP-76 (1007-1005)
AS-PE-COMP-67(995-997)	AS-PE-COMP-84 (999-1001)	8/7/99	Soil	Tier II	No						
AS-PE-COMP-90(1003-1005)	AS-PE-COMP-90 (1003-1005)	8/11/99	Soil	Tier I	No						
AS-PE-COMP-90(1003-1005)	AS-PE-DUP-10	8/11/99	Soil	Tier I	No						Duplicate of AS-PE-COMP-90 (1003-1005)
AS-PE-COMP-90(1003-1005)	AS-PE-COMP-91 (1003-1005)	8/11/99	Soil	Tier I	No						
AS-PE-COMP-90(1003-1005)	AS-PE-COMP-92 (1001-1003)	8/11/99	Soil	Tier I	No						
AS-PE-COMP-53(995-997)	AS-PE-COMP-95 (999-1001)	8/11/99	Soil	Tier I	No						
AS-PE-COMP-53(995-997)	AS-PE-COMP-97 (999-1001)	8/11/99	Soil	Tier I	No						
AS-PE-COMP-53(995-997)	AS-PE-COMP-98 (1001-1003)	8/11/99	Soil	Tier I	No						
AAS-PE-COMP-102(1002-1005)	AS-PE-COMP-103 (1001-1003)	8/12/99	Soil	Tier I	No						
AAS-PE-COMP-102(1002-1005)	AS-PE-COMP-104 (1001-1003)	8/12/99	Soil	Tier I	No						
AS-PE-COMP-90(1003-1005)	AS-PE-COMP-107 (1003-1005)	8/12/99	Soil	Tier I	No						

TABLE 1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

PARCEL K11-7-29 (ALLENDALE SCHOOL PROPERTY)

ANALYTICAL DATA VALIDATION SUMMARY - RD/RA CONFIRMATION SOIL PCB DATA
(Results are presented in dry weight parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
AS-PE-COMP-90(1003-1005)	AS-PE-COMP-109 (995-997)	8/12/99	Soil	Tier I	No						
AS-PE-COMP-90(1003-1005)	AS-PE-COMP-110 (997-998)	8/12/99	Soil	Tier I	No						
AAS-PE-COMP-102(1002-1005)	AS-PE-COMP-111 (995-997)	8/12/99	Soil	Tier I	No						
AAS-PE-COMP-102(1002-1005)	AS-PE-COMP-112 (997-998)	8/12/99	Soil	Tier I	Yes	Aroclor-1260	Confirmation Column	0.0074 J DNC	--	0.0074 JN	Tentatively identified
AAS-PE-COMP-102(1002-1005)	AS-PE-COMP-114 (995-997)	8/12/99	Soil	Tier I	Yes	Aroclor-1260	Confirmation Column	0.0033 J DNC	--	0.0033 JN	Tentatively identified
AAS-PE-COMP-102(1002-1005)	AS-PE-COMP-115 (997-999)	8/12/99	Soil	Tier I	No						
AAS-PE-COMP-102(1002-1005)	AS-PE-COMP-117 (999-1001)	8/13/99	Soil	Tier I	No						
AAS-PE-COMP-102(1002-1005)	AS-PE-COMP-118 (997-999)	8/13/99	Soil	Tier I	No						
AAS-PE-COMP-102(1002-1005)	AS-PE-COMP-119 (997-999)	8/13/99	Soil	Tier I	No						
AAS-PE-COMP-102(1002-1005)	AS-PE-COMP-120 (999-1001)	8/13/99	Soil	Tier I	No						
AS-PE-COMP-90(1003-1005)	AS-PE-COMP-121 (1003-1005)	8/13/99	Soil	Tier I	No						
AS-PE-COMP-90(1003-1005)	AS-PE-COMP-122 (1002-1004)	8/13/99	Soil	Tier I	No						
AS-PE-COMP-90(1003-1005)	AS-PE-COMP-123 (1004-1006)	8/13/99	Soil	Tier I	No						
AS-PE-COMP-90(1003-1005)	AS-PE-COMP-124 (1002-1004)	8/13/99	Soil	Tier I	No						
AS-PE-COMP-90(1003-1005)	AS-PE-COMP-125 (1004-1006)	8/13/99	Soil	Tier I	No						
AS-PE-COMP-90(1003-1005)	AS-PE-COMP-126 (1002-1003)	8/13/99	Soil	Tier I	No						
AAS-PE-COMP-102(1002-1005)	AS-PE-COMP-127 (1001-1003)	8/14/99	Soil	Tier I	No						
AAS-PE-COMP-102(1002-1005)	AS-PE-COMP-129 (1003-1005)	8/14/99	Soil	Tier I	No						
AAS-PE-COMP-102(1002-1005)	AS-PE-DUP-11	8/14/99	Soil	Tier I	No						Duplicate of AS-PE-COMP-129(1003-1005)
AAS-PE-COMP-102(1002-1005)	AS-PE-COMP-131 (1005-1006)	8/14/99	Soil	Tier I	No						
AAS-PE-COMP-102(1002-1005)	AS-PE-COMP-132 (1005-1006)	8/14/99	Soil	Tier I	No						
AS-PE-COMP-90(1003-1005)	AS-PE-COMP-135 (1001-1003)	8/14/99	Soil	Tier I	No						
AS-PE-COMP-136(1003-1005)	AS-PE-COMP-140 (1003-1005)	8/16/99	Soil	Tier I	No						
AS-PE-COMP-136(1003-1005)	AS-PE-COMP-141 (1003-1005)	8/16/99	Soil	Tier I	No						
AS-PE-COMP-136(1003-1005)	AS-PE-COMP-142 (1003-1005)	8/16/99	Soil	Tier I	No						
AS-PE-COMP-136(1003-1005)	AS-PE-COMP-148 (1001-1003)	8/17/99	Soil	Tier I	No						
AS-PE-COMP-136(1003-1005)	AS-PE-COMP-150 (995-997)	8/17/99	Soil	Tier I	Yes	Aroclor-1260	Confirmation Column	0.0050 J DNC	--	0.0050 JN	Tentatively identified
AS-PE-COMP-151(997-999)	AS-PE-COMP-151 (997-999)	8/17/99	Soil	Tier I	No						
AS-PE-COMP-151(997-999)	AS-PE-COMP-152 (999-1001)	8/17/99	Soil	Tier I	No						
AS-PE-COMP-136(1003-1005)	AS-PE-COMP-153 (995-997)	8/17/99	Soil	Tier I	Yes	Aroclor-1260	Confirmation Column	0.0037 J DNC	--	0.0037 JN	Tentatively identified
AS-PE-COMP-136(1003-1005)	AS-PE-COMP-154 (997-999)	8/17/99	Soil	Tier I	Yes	Aroclor-1260	Confirmation Column	0.0059 J DNC	--	0.0059 JN	Tentatively identified
AS-PE-COMP-136(1003-1005)	AS-PE-COMP-155 (999-1001)	8/17/99	Soil	Tier I	No						
AS-PE-COMP-136(1003-1005)	AS-PE-COMP-156 (999-1001)	8/17/99	Soil	Tier I	No						

TABLE 1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

PARCEL K11-7-29 (ALLENDALE SCHOOL PROPERTY)

ANALYTICAL DATA VALIDATION SUMMARY - RD/RA CONFIRMATION SOIL PCB DATA
(Results are presented in dry weight parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
AS-PE-COMP-151(997-999)	AS-PE-COMP-157 (998-1000)	8/17/99	Soil	Tier I	Yes	Aroclor-1260	Confirmation Column	0.0036 J DNC	--	0.0036 JN	Tentatively identified
AS-PE-COMP-151(997-999)	AS-PE-COMP-160 (999-1001)	8/17/99	Soil	Tier I	No						
AS-PE-COMP-151(997-999)	AS-PE-COMP-162 (1001-1003)	8/18/99	Soil	Tier I	No						
AS-PE-COMP-151(997-999)	AS-PE-COMP-165 (999-1001)	8/18/99	Soil	Tier I	No						
AS-PE-COMP-151(997-999)	AS-PE-COMP-166 (997-999)	8/18/99	Soil	Tier I	Yes	Aroclor-1260	Confirmation Column	0.0081 J DNC	--	0.0081 JN	Tentatively identified
AS-PE-COMP-151(997-999)	AS-PE-COMP-167 (995-997)	8/18/99	Soil	Tier I	No						
AS-PE-COMP-151(997-999)	AS-PE-COMP-169 (1001-1000)	8/19/99	Soil	Tier I	No						
AS-PE-COMP-151(997-999)	AS-PE-COMP-170 (1001-1000)	8/19/99	Soil	Tier I	No						
AS-PE-COMP-151(997-999)	AS-PE-COMP-173 (995-997)	8/20/99	Soil	Tier I	No						
AS-PE-COMP-151(997-999)	AS-PE-COMP-174 (997-999)	8/20/99	Soil	Tier I	No						
AS-PE-COMP-176(995-997)	AS-PE-COMP-176 (995-997)	8/20/99	Soil	Tier II	No						
AS-PE-COMP-176(995-997)	AS-PE-COMP-177 (997-999)	8/20/99	Soil	Tier II	No						
AS-PE-COMP-176(995-997)	AS-PE-COMP-179 (1001-1003)	8/20/99	Soil	Tier II	Yes	Aroclor-1260	Confirmation Column	0.0086 J DNC	--	0.0086 JN	Tentatively identified
AS-PE-COMP-176(995-997)	AS-PE-COMP-180 (1003-1005)	8/20/99	Soil	Tier II	No						
AS-PE-COMP-176(995-997)	AS-PE-COMP-181 (1005-1006)	8/20/99	Soil	Tier II	No						
AS-PE-COMP-176(995-997)	AS-PE-COMP-182 (1001-1003)	8/20/99	Soil	Tier II	No						
AS-PE-COMP-176(995-997)	AS-PE-COMP-183 (1003-1005)	8/20/99	Soil	Tier II	No						
AS-PE-COMP-176(995-997)	AS-PE-COMP-187 (1003-1005)	8/20/99	Soil	Tier II	No						
AS-PE-COMP-176(995-997)	AS-PE-COMP-188 (1001-1002)	8/21/99	Soil	Tier II	No						
AS-PE-COMP-176(995-997)	AS-PE-COMP-189 (1003-1005)	8/23/99	Soil	Tier II	No						
AS-PE-COMP-176(995-997)	AS-PE-COMP-191 (995-997)	8/20/99	Soil	Tier II	No						
AS-PE-COMP-176(995-997)	AS-PE-COMP-192 (999-1001)	8/20/99	Soil	Tier II	No						

Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc., and sent to Adirondack Environmental Services, Inc., of Albany, New York.
2. J DNC - Estimated concentration - compound was not detected on confirmation column.
3. JN - Tentatively identified at an estimated concentration.

Laboratory Analytical Data Sheets

BLASLAND, BOUCK & LEE, INC.
engineers & scientists

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

AS-PE-2(4-6)

-Name: AES Contract:

Code: AES Case No.: GE9905 SAS No.: SDG No:AS-PE-1 (2-4)

-ix: (soil/water) SOIL Lab Sample ID: AS-PE-2(4-6)

mple wt/vol: 30.0 (g/mL) G Lab File ID: 990723AJ02

-el: (low/med) LOW Date Received: 7/23/99

Moisture: not dec. 16. dec.______ Date Extracted: 7/23/99

-raction: (SepF/Cont/Sonc) SONC Date Analyzed: 7/23/99

Cleanup: (Y/N) N pH: 7.9 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	40.	U
11104-28-2	-----Arochlor-1221	40.	U
11141-16-5	-----Arochlor-1232	40.	U
53469-21-9	-----Arochlor-1242	40.	U
12672-29-6	-----Arochlor-1248	40.	U
11097-69-1	-----Arochlor-1254	220.	
11096-82-5	-----Arochlor-1260	40.	U

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

AS-PE-COMP-1(2-4)

ab Name: AES   Contract:

ab Code: AES   Case No.: GE9905   SAS No.:   SDG No:AS-PE-1 (2-4)

atrix: (soil/water) SOIL   Lab Sample ID: AS-PE-COMP-1(2-4)

ample wt/vol: 30.0 (g/mL) G   Lab File ID: 990727AG05

evel: (low/med) LOW   Date Received: 7/27/99

Moisture: not dec. 16. dec.______   Date Extracted: 7/27/99

xtraction: (SepF/Cont/Sonc) SONC   Date Analyzed: 7/27/99

 Cleanup: (Y/N) N   pH: 7.4   Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	40.	U
11104-28-2	-----Arochlor-1221	40.	U
11141-16-5	-----Arochlor-1232	40.	U
53469-21-9	-----Arochlor-1242	40.	U
12672-29-6	-----Arochlor-1248	40.	U
11097-69-1	-----Arochlor-1254	40.	
11096-82-5	-----Arochlor-1260	140.	

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

AS-PE-COMP-5(8-10)

Lab Name: AES Contract:

Lab Code: AES Case No.: GE9905 SAS No.: SDG No:AS-PE-1(2-4)

Matrix: (soil/water) SOIL Lab Sample ID: AS-PE-COMP-5(8-10)

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 990728AM05

Level: (low/med) LOW Date Received: 7/28/99

% Moisture: not dec. 14. dec.______ Date Extracted: 7/28/99

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 7/28/99

GPC Cleanup: (Y/N) N pH: 8.6 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	39.	U
11104-28-2	-----Arochlor-1221	39.	U
11141-16-5	-----Arochlor-1232	39.	U
53469-21-9	-----Arochlor-1242	39.	U
12672-29-6	-----Arochlor-1248	39.	U
11097-69-1	-----Arochlor-1254	39.	U
11096-82-5	-----Arochlor-1260	17.	J

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

AS-PE-COMP-6(8-10)

Lab Name: AES Contract:

Lab Code: AES Case No.: GE9905 SAS No.: SDG No:AS-PE-1(2-4)

Matrix: (soil/water) SOIL Lab Sample ID: AS-PE-COMP-6(8-10)

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 990728AM10

Level: (low/med) LOW Date Received: 7/28/99

% Moisture: not dec. 15. dec.______ Date Extracted: 7/28/99

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 7/28/99

GPC Cleanup: (Y/N) N pH: 8.2 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	39.	U
11104-28-2	-----Arochlor-1221	39.	U
11141-16-5	-----Arochlor-1232	39.	U
53469-21-9	-----Arochlor-1242	39.	U
12672-29-6	-----Arochlor-1248	39.	U
11097-69-1	-----Arochlor-1254	39.	U
11096-82-5	-----Arochlor-1260	19.	J

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

AS-PE-COMP-7(2-4)

Lab Name: AES Contract:

Lab Code: AES Case No.: GE9905 SAS No.: SDG No:AS-PE-1(2-4)

Matrix: (soil/water) SOIL Lab Sample ID: AS-PE-COMP-7(2-4)

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 990728AM15

Level: (low/med) LOW Date Received: 7/28/99

% Moisture: not dec. 25. dec.______ Date Extracted: 7/28/99

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 7/28/99

GPC Cleanup: (Y/N) N pH: 7.7 Dilution Factor: 10.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	440.	U
11104-28-2	-----Arochlor-1221	440.	U
11141-16-5	-----Arochlor-1232	440.	U
53469-21-9	-----Arochlor-1242	440.	U
12672-29-6	-----Arochlor-1248	440.	U
11097-69-1	-----Arochlor-1254	440.	U
11096-82-5	-----Arochlor-1260	2000.	

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EPA SAMPLE NO.

AS-PE-COMP-8(2-4)

Lab Name: AES Contract:

Lab Code: AES Case No.: GE9905 SAS No.: SDG No:AS-PE-1(2-4)

Matrix: (soil/water) SOIL Lab Sample ID: AS-PE-COMP-8(2-4)

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 990728AM20

Level: (low/med) LOW Date Received: 7/28/99

% Moisture: not dec. 18. dec.______ Date Extracted: 7/28/99

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 7/28/99

GPC Cleanup: (Y/N) N pH: 7.6 Dilution Factor: 10.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	410.	U
11104-28-2	-----Arochlor-1221	410.	U
11141-16-5	-----Arochlor-1232	410.	U
53469-21-9	-----Arochlor-1242	410.	U
12672-29-6	-----Arochlor-1248	410.	U
11097-69-1	-----Arochlor-1254	410.	U
11096-82-5	-----Arochlor-1260	590.	

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EPA SAMPLE NO.

AS-PE-COMP-10(4-6)

Lab Name: AES Contract:

Lab Code: AES Case No.: GE9905 SAS No.: SDG No:AS-PE-1(2-4)

Matrix: (soil/water) SOIL Lab Sample ID: AS-PE-COMP-10(2-4)

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 990729BB17

Level: (low/med) LOW Date Received: 7/29/99

% Moisture: not dec. 22. dec.______ Date Extracted: 7/29/99

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 7/29/99

GPC Cleanup: (Y/N) N pH: 7.8 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	43.	U
11104-28-2	-----Arochlor-1221	43.	U
11141-16-5	-----Arochlor-1232	43.	U
53469-21-9	-----Arochlor-1242	43.	U
12672-29-6	-----Arochlor-1248	43.	U
11097-69-1	-----Arochlor-1254	43.	U
11096-82-5	-----Arochlor-1260	99.	

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

AS-PE-COMP-11(4-6)

Lab Name: AES Contract:

Lab Code: AES Case No.: GE9905 SAS No.: SDG No:AS-PE-1(2-4)

Matrix: (soil/water) SOIL Lab Sample ID: AS-PE-COMP-11(4-6)

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 990729BB23

Level: (low/med) LOW Date Received: 7/29/99

% Moisture: not dec. 8. dec.______ Date Extracted: 7/29/99

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 7/30/99

GPC Cleanup: (Y/N) N pH: 8.1 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	36.	U
11104-28-2	-----Arochlor-1221	36.	U
11141-16-5	-----Arochlor-1232	36.	U
53469-21-9	-----Arochlor-1242	36.	U
12672-29-6	-----Arochlor-1248	36.	U
11097-69-1	-----Arochlor-1254	36.	U
11096-82-5	-----Arochlor-1260	230.	

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EPA SAMPLE NO.

AS-PE-DUP-2

ɔ Name: AES Contract:

ɔ Code: AES Case No.: GE9905 SAS No.: SDG No:AS-PE-1(2-4)

atrix: (soil/water) SOIL Lab Sample ID: AS-PE-DUP-2

nple wt/vol: 30.0 (g/mL) G Lab File ID: 990728AM21

evel: (low/med) LOW Date Received: 7/28/99

Moisture: not dec. 17. dec.______ Date Extracted: 7/28/99

traction: (SepF/Cont/Sonc) SONC Date Analyzed: 7/29/99

PC Cleanup: (Y/N) N pH: 7.6 Dilution Factor: 10.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	400.	U
11104-28-2	-----Arochlor-1221	400.	U
11141-16-5	-----Arochlor-1232	400.	U
53469-21-9	-----Arochlor-1242	400.	U
12672-29-6	-----Arochlor-1248	400.	U
11097-69-1	-----Arochlor-1254	400.	U
11096-82-5	-----Arochlor-1260	580.	

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EPA SAMPLE NO.

AS-PE-DUP-3

b Name: AES Contract:

b Code: AES Case No.: GE9905 SAS No.: SDG No:AS-PE-1(2-4)

atrix: (soil/water) SOIL Lab Sample ID: AS-PE-DUP-3

mple wt/vol: 30.0 (g/mL) G Lab File ID: 990729BB18

evel: (low/med) LOW Date Received: 7/29/99

Moisture: not dec. 26. dec.______ Date Extracted: 7/29/99

xtraction: (SepF/Cont/Sonc) SONC Date Analyzed: 7/29/99

C Cleanup: (Y/N) N pH: 7.8 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	45.	U
11104-28-2	-----Arochlor-1221	45.	U
11141-16-5	-----Arochlor-1232	45.	U
53469-21-9	-----Arochlor-1242	45.	U
12672-29-6	-----Arochlor-1248	45.	U
11097-69-1	-----Arochlor-1254	45.	U
11096-82-5	-----Arochlor-1260	89.	

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EPA SAMPLE NO.

RINSE BLANK

ab Name: AES   Contract:

b Code: AES   Case No.: GE9905   SAS No.:   SDG No.: AS-PE-1(2-4)

atrix: (soil/water) WATER   Lab Sample ID: RINSE BLANK

mple wt/vol: 1000.0 (g/mL) ML   Lab File ID: 990723AJ04

evel: (low/med) LOW   Date Received: 7/23/99

Moisture: not dec. 100. dec.______   Date Extracted: 7/23/99

traction: (SepF/Cont/Sonc) SEPF   Date Analyzed: 7/23/99

PC Cleanup: (Y/N) N   pH: 6.0   Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	-----Arochlor-1016	0.065	U
11104-28-2	-----Arochlor-1221	0.065	U
11141-16-5	-----Arochlor-1232	0.065	U
53469-21-9	-----Arochlor-1242	0.065	U
12672-29-6	-----Arochlor-1248	0.065	U
11097-69-1	-----Arochlor-1254	0.065	U
11096-82-5	-----Arochlor-1260	0.065	U

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EPA SAMPLE NO.

ASPE30(2-4)

ab Name: AES,INC.   Contract:

b Code: AES   Case No.: GE9908   SAS No.:   SDG No:ASPE30(2-4)

atrix: (soil/water) SOIL   Lab Sample ID: 990728 AM14

mple wt/vol: 30.0 (g/mL) G   Lab File ID: AM14

vel: (low/med) LOW   Date Received: 7/28/99

Moisture: not dec. 24. dec.______   Date Extracted: 7/30/99

traction: (SepF/Cont/Sonc) SONC   Date Analyzed: 7/30/99

PC Cleanup: (Y/N) N   pH: 7.1   Dilution Factor: 10.00

CAS NO. COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2-----Arochlor-1016	440.	U
11104-28-2-----Arochlor-1221	440.	U
11141-16-5-----Arochlor-1232	440.	U
53469-21-9-----Arochlor-1242	440.	U
12672-29-6-----Arochlor-1248	440.	U
11097-69-1-----Arochlor-1254	440.	U
11096-82-5-----Arochlor-1260	1700.	

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EPA SAMPLE NO.

ASPECOMP14(2-4)

Lab Name: AES,INC. Contract:

Lab Code: AES Case No.: GE9908 SAS No.: SDG No:ASPE30(2-4)

Matrix: (soil/water) SOIL Lab Sample ID: 990730 AC15

Sample wt/vol: 30.0 (g/mL) G Lab File ID: AC15

Level: (low/med) LOW Date Received: 7/30/99

% Moisture: not dec. 30. dec.______ Date Extracted: 7/30/99

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 7/30/99

GPC Cleanup: (Y/N) N pH: 7.1 Dilution Factor: 10.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	480.	U
11104-28-2	-----Arochlor-1221	480.	U
11141-16-5	-----Arochlor-1232	480.	U
53469-21-9	-----Arochlor-1242	480.	U
12672-29-6	-----Arochlor-1248	480.	U
11097-69-1	-----Arochlor-1254	480.	U
11096-82-5	-----Arochlor-1260	390.	J

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EPA SAMPLE NO.

ASPECOMP16 (4-6)

ab Name: AES Contract:

b Code: AES Case No.: GE9908 SAS No.: SDG No:ASPE30(2-4)

atrix: (soil/water) SOIL Lab Sample ID: 990731 A02

mple wt/vol: 30.0 (g/mL) G Lab File ID: A02

vel: (low/med) LOW Date Received: 7/31/99

Moisture: not dec. 10. dec.______ Date Extracted: 7/31/99

traction: (SepF/Cont/Sonc) SONC Date Analyzed: 8/ 1/99

PC Cleanup: (Y/N) N pH: 7.8 Dilution Factor: 2.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	74.	U
11104-28-2	-----Arochlor-1221	74.	U
11141-16-5	-----Arochlor-1232	74.	U
53469-21-9	-----Arochlor-1242	74.	U
12672-29-6	-----Arochlor-1248	74.	U
11097-69-1	-----Arochlor-1254	74.	U
11096-82-5	-----Arochlor-1260	140.	

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EPA SAMPLE NO.

ASPECOMP17(2-4)

ab Name: AES,INC. Contract:

a Code: AES Case No.: GE9908 SAS No.: SDG No:ASPE30(2-4)

atrix: (soil/water) SOIL Lab Sample ID: 990731 A03

ample wt/vol: 30.0 (g/mL) G Lab File ID: A03

e el: (low/med) LOW Date Received: 7/31/99

Moisture: not dec. 17. dec.______ Date Extracted: 7/31/99

x raction: (SepF/Cont/Sonc) SONC Date Analyzed: 8/ 1/99

PC Cleanup: (Y/N) N pH: 7.7 Dilution Factor: 2.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	80.	U
11104-28-2	-----Arochlor-1221	80.	U
11141-16-5	-----Arochlor-1232	80.	U
53469-21-9	-----Arochlor-1242	80.	U
12672-29-6	-----Arochlor-1248	80.	U
11097-69-1	-----Arochlor-1254	80.	U
11096-82-5	-----Arochlor-1260	200.	

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EPA SAMPLE NO.

ASPECOMP18(4-6)

ab Name: AES,INC. Contract:

a Code: AESINC Case No.: GE9908 SAS No.: SDG No:ASPE30(2-4)

atrix: (soil/water) SOIL Lab Sample ID: 990731 A04

a ple wt/vol: 30.0 (g/mL) G Lab File ID: A04

e el: (low/med) LOW Date Received: 7/31/99

Moisture: not dec. 12. dec.______ Date Extracted: 7/31/99

x raction: (SepF/Cont/Sonc) SONC Date Analyzed: 8/ 1/99

PC Cleanup: (Y/N) N pH: 8.2 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	38.	U
11104-28-2	-----Arochlor-1221	38.	U
11141-16-5	-----Arochlor-1232	38.	U
53469-21-9	-----Arochlor-1242	38.	U
12672-29-6	-----Arochlor-1248	38.	U
11097-69-1	-----Arochlor-1254	38.	U
11096-82-5	-----Arochlor-1260	66.	

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EPA SAMPLE NO.

ASPECOMP19(6-8)

ıb Name: AES,INC. Contract:

ıł Code: AES Case No.: GE9908 SAS No.: SDG No:ASPE30(2-4)

ıtrix: (soil/water) SOIL Lab Sample ID: 990731 A05

ımple wt/vol: 30.0 (g/mL) G Lab File ID: A05

ɛvel: (low/med) LOW Date Received: 7/31/99

Moisture: not dec. 12. dec.______ Date Extracted: 7/31/99

ɛraction: (SepF/Cont/Sonc) SONC Date Analyzed: 8/ 1/99

PC Cleanup: (Y/N) N pH: 8.5 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	38.	U
11104-28-2	-----Arochlor-1221	38.	U
11141-16-5	-----Arochlor-1232	38.	U
53469-21-9	-----Arochlor-1242	38.	U
12672-29-6	-----Arochlor-1248	38.	U
11097-69-1	-----Arochlor-1254	38.	U
11096-82-5	-----Arochlor-1260	38.	U

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EPA SAMPLE NO.

ASPECOMP20(2-4)

Lab Name: AES,INC. Contract:

Lab Code: AES Case No.: GE9908 SAS No.: SDG No:ASPE30(2-4)

Matrix: (soil/water) SOIL Lab Sample ID: 990731 A06

Sample wt/vol: 30.0 (g/mL) G Lab File ID: A06

Level: (low/med) LOW Date Received: 7/31/99

% Moisture: not dec. 6. dec.______ Date Extracted: 7/31/99

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 8/ 1/99

GPC Cleanup: (Y/N) N pH: 8.5 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	35.	U
11104-28-2	-----Arochlor-1221	35.	U
11141-16-5	-----Arochlor-1232	35.	U
53469-21-9	-----Arochlor-1242	35.	U
12672-29-6	-----Arochlor-1248	35.	U
11097-69-1	-----Arochlor-1254	35.	U
11096-82-5	-----Arochlor-1260	69.	

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EPA SAMPLE NO.

ASPECOMP21(4-6)

ab Name: AES,INC. Contract:

a Code: AES Case No.: GE9908 SAS No.: SDG No:ASPE30(2-4)

atrix: (soil/water) SOIL Lab Sample ID: 990731 A07

a ple wt/vol: 30.0 (g/mL) G Lab File ID: A07

e el: (low/med) LOW Date Received: 7/31/99

Moisture: not dec. 15. dec.______ Date Extracted: 7/31/99

x raction: (SepF/Cont/Sonc) SONC Date Analyzed: 8/ 1/99

PC Cleanup: (Y/N) N pH: 8.2 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	39.	U
11104-28-2	-----Arochlor-1221	39.	U
11141-16-5	-----Arochlor-1232	39.	U
53469-21-9	-----Arochlor-1242	39.	U
12672-29-6	-----Arochlor-1248	39.	U
11097-69-1	-----Arochlor-1254	39.	U
11096-82-5	-----Arochlor-1260	39.	U

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EPA SAMPLE NO.

ASPECOMP22(6-8)

ab Name: AES,INC. Contract:

b Code: AES Case No.: GE9908 SAS No.: SDG No:ASPE30(2-4)

atrix: (soil/water) SOIL Lab Sample ID: 990731 A08

mple wt/vol: 30.0 (g/mL) G Lab File ID: A08

vel: (low/med) LOW Date Received: 7/31/99

Moisture: not dec. 13. dec.______ Date Extracted: 7/31/99

traction: (SepF/Cont/Sonc) SONC Date Analyzed: 8/ 1/99

PC Cleanup: (Y/N) N pH: 8.3 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	38.	U
11104-28-2	-----Arochlor-1221	38.	U
11141-16-5	-----Arochlor-1232	38.	U
53469-21-9	-----Arochlor-1242	38.	U
12672-29-6	-----Arochlor-1248	38.	U
11097-69-1	-----Arochlor-1254	38.	U
11096-82-5	-----Arochlor-1260	38.	U

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EPA SAMPLE NO.

ASPECOMP23(8-10)

ab Name: AES,INC. Contract:

a Code: AES Case No.: GE9908 SAS No.: SDG No:ASPE30(2-4)

atrix: (soil/water) SOIL Lab Sample ID: 990731 A09

a ple wt/vol: 30.0 (g/mL) G Lab File ID: A09

e el: (low/med) LOW Date Received: 7/31/99

Moisture: not dec. 9. dec._____ Date Extracted: 7/31/99

x raction: (SepF/Cont/Sonc) SONC Date Analyzed: 8/ 1/99

PC Cleanup: (Y/N) N pH: 8.6 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	37.	U
11104-28-2	-----Arochlor-1221	37.	U
11141-16-5	-----Arochlor-1232	37.	U
53469-21-9	-----Arochlor-1242	37.	U
12672-29-6	-----Arochlor-1248	37.	U
11097-69-1	-----Arochlor-1254	37.	U
11096-82-5	-----Arochlor-1260	37.	U

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EPA SAMPLE NO.

AS-PE-38(4-6)

Lab Name: AES Contract:

Lab Code: AES Case No.: GE9910 SAS No.: SDG No:ASPE38(4-6)

Matrix: (soil/water) SOIL Lab Sample ID: AS-PE-38(4-6)

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 990731A12

Level: (low/med) LOW Date Received: 7/31/99

% Moisture: not dec. 20. dec.______ Date Extracted: 7/31/99

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 8/ 1/99

GPC Cleanup: (Y/N) N pH: 7.8 Dilution Factor: 40.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	1700.	U
11104-28-2	-----Arochlor-1221	1700.	U
11141-16-5	-----Arochlor-1232	1700.	U
53469-21-9	-----Arochlor-1242	1700.	U
12672-29-6	-----Arochlor-1248	1700.	U
11097-69-1	-----Arochlor-1254	1700.	U
11096-82-5	-----Arochlor-1260	2100.	

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EPA SAMPLE NO.

COMP24(8-10)

Lab Name: AES Contract:

Lab Code: AES Case No.: GE9910 SAS No.: SDG No:ASPE38(4-6)

Matrix: (soil/water) SOIL Lab Sample ID: COMP24(8-10)

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 990731A10

Level: (low/med) LOW Date Received: 7/31/99

% Moisture: not dec. 10. dec.______ Date Extracted: 7/31/99

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 8/ 1/99

GPC Cleanup: (Y/N) N pH: 8.9 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	37.	U
11104-28-2	-----Arochlor-1221	37.	U
11141-16-5	-----Arochlor-1232	37.	U
53469-21-9	-----Arochlor-1242	37.	U
12672-29-6	-----Arochlor-1248	37.	U
11097-69-1	-----Arochlor-1254	37.	U
11096-82-5	-----Arochlor-1260	12.	J

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EPA SAMPLE NO.

COMP25(8-10)

Lab Name: AES Contract:

Lab Code: AES Case No.: GE9910 SAS No.: SDG No:ASPE38(4-6)

Matrix: (soil/water) SOIL Lab Sample ID: COMP25(8-10)

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 990731A11

Level: (low/med) LOW Date Received: 7/31/99

% Moisture: not dec. 14. dec.______ Date Extracted: 7/31/99

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 8/ 1/99

GPC Cleanup: (Y/N) N pH: 8.4 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	39.	U
11104-28-2	-----Arochlor-1221	39.	U
11141-16-5	-----Arochlor-1232	39.	U
53469-21-9	-----Arochlor-1242	39.	U
12672-29-6	-----Arochlor-1248	39.	U
11097-69-1	-----Arochlor-1254	39.	U
11096-82-5	-----Arochlor-1260	39.	U

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EPA SAMPLE NO.

COMP30(2-4)

Lab Name: AES   Contract:

Lab Code: AES   Case No.: GE9910   SAS No.:   SDG No:ASPE38(4-6)

Matrix: (soil/water) SOIL   Lab Sample ID: COMP30(2-4)

Sample wt/vol: 30.0 (g/mL) G   Lab File ID: 990802AI09

Level: (low/med) LOW   Date Received: 8/ 2/99

% Moisture: not dec. 12. dec.______   Date Extracted: 8/ 2/99

Extraction: (SepF/Cont/Sonc) SONC   Date Analyzed: 8/ 3/99

GPC Cleanup: (Y/N) N   pH: 7.5   Dilution Factor: 10.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	380.	U
11104-28-2	-----Arochlor-1221	380.	U
11141-16-5	-----Arochlor-1232	380.	U
53469-21-9	-----Arochlor-1242	380.	U
12672-29-6	-----Arochlor-1248	380.	U
11097-69-1	-----Arochlor-1254	380.	U
11096-82-5	-----Arochlor-1260	540.	

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EPA SAMPLE NO.

COMP31(2-4)

Lab Name: AES Contract:

Lab Code: AES Case No.: GE9910 SAS No.: SDG No:ASPE38(4-6)

Matrix: (soil/water) SOIL Lab Sample ID: COMP31(2-4)

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 990802AI10

Level: (low/med) LOW Date Received: 8/ 2/99

% Moisture: not dec. 12. dec.______ Date Extracted: 8/ 2/99

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 8/ 3/99

GPC Cleanup: (Y/N) N pH: 7.9 Dilution Factor: 10.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	380.	U
11104-28-2	-----Arochlor-1221	380.	U
11141-16-5	-----Arochlor-1232	380.	U
53469-21-9	-----Arochlor-1242	380.	U
12672-29-6	-----Arochlor-1248	380.	U
11097-69-1	-----Arochlor-1254	380.	U
11096-82-5	-----Arochlor-1260	340.	J

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EPA SAMPLE NO.

COMP32(2-4)

Lab Name: AES Contract:

Lab Code: AES Case No.: GE9910 SAS No.: SDG No:ASPE38(4-6)

Matrix: (soil/water) SOIL Lab Sample ID: COMP32(2-4)

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 990802AI11

Level: (low/med) LOW Date Received: 8/ 2/99

% Moisture: not dec. 14. dec._____ Date Extracted: 8/ 2/99

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 8/ 3/99

GPC Cleanup: (Y/N) N pH: 8.3 Dilution Factor: 100.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	3900.	U
11104-28-2	-----Arochlor-1221	3900.	U
11141-16-5	-----Arochlor-1232	3900.	U
53469-21-9	-----Arochlor-1242	3900.	U
12672-29-6	-----Arochlor-1248	3900.	U
11097-69-1	-----Arochlor-1254	3900.	U
11096-82-5	-----Arochlor-1260	8800.	

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EPA SAMPLE NO.

COMP33(2-4)

Lab Name: AES Contract:

Lab Code: AES Case No.: GE9910 SAS No.: SDG No:ASPE38(4-6)

Matrix: (soil/water) SOIL Lab Sample ID: COMP33(2-4)

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 990802AI12

Level: (low/med) LOW Date Received: 8/ 2/99

% Moisture: not dec. 27. dec._____ Date Extracted: 8/ 2/99

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 8/ 3/99

GPC Cleanup: (Y/N) N pH: 7.5 Dilution Factor: 10.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	460.	U
11104-28-2	-----Arochlor-1221	460.	U
11141-16-5	-----Arochlor-1232	460.	U
53469-21-9	-----Arochlor-1242	460.	U
12672-29-6	-----Arochlor-1248	460.	U
11097-69-1	-----Arochlor-1254	460.	U
11096-82-5	-----Arochlor-1260	460.	

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EPA SAMPLE NO.

COMP34/1008-1006

Lab Name: AES Contract:

Lab Code: AES Case No.: GE9910 SAS No.: SDG No:ASPE38(4-6)

Matrix: (soil/water) SOIL Lab Sample ID: COMP34/1008-1006

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 990803AM05

Level: (low/med) LOW Date Received: 8/ 3/99

% Moisture: not dec. 16. dec.______ Date Extracted: 8/ 3/99

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 8/ 3/99

GPC Cleanup: (Y/N) N pH: 7.6 Dilution Factor: 10.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	400.	U
11104-28-2	-----Arochlor-1221	400.	U
11141-16-5	-----Arochlor-1232	400.	U
53469-21-9	-----Arochlor-1242	400.	U
12672-29-6	-----Arochlor-1248	400.	U
11097-69-1	-----Arochlor-1254	400.	U
11096-82-5	-----Arochlor-1260	1600.	

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EPA SAMPLE NO.

COMP35/1002-1003

Lab Name: AES Contract:

Lab Code: AES Case No.: GE9910 SAS No.: SDG No:ASPE38(4-6)

Matrix: (soil/water) SOIL Lab Sample ID: COMP35/1002-1003

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 990803AM06

Level: (low/med) LOW Date Received: 8/ 3/99

% Moisture: not dec. 22. dec._____ Date Extracted: 8/ 3/99

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 8/ 3/99

GPC Cleanup: (Y/N) N pH: 6.9 Dilution Factor: 10.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	430.	U
11104-28-2	-----Arochlor-1221	430.	U
11141-16-5	-----Arochlor-1232	430.	U
53469-21-9	-----Arochlor-1242	430.	U
12672-29-6	-----Arochlor-1248	430.	U
11097-69-1	-----Arochlor-1254	430.	U
11096-82-5	-----Arochlor-1260	1300.	

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EPA SAMPLE NO.

COMP36/1000-1002

Lab Name: AES   Contract:

Lab Code: AES   Case No.: GE9910   SAS No.:   SDG No:ASPE38(4-6)

Matrix: (soil/water) SOIL   Lab Sample ID: COMP36/1000-1002

Sample wt/vol: 30.0 (g/mL) G   Lab File ID: 990803AM07

Level: (low/med) LOW   Date Received: 8/ 3/99

% Moisture: not dec. 15. dec.______   Date Extracted: 8/ 3/99

Extraction: (SepF/Cont/Sonc) SONC   Date Analyzed: 8/ 4/99

GPC Cleanup: (Y/N) N   pH: 8.0   Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	39.	U
11104-28-2	-----Arochlor-1221	39.	U
11141-16-5	-----Arochlor-1232	39.	U
53469-21-9	-----Arochlor-1242	39.	U
12672-29-6	-----Arochlor-1248	39.	U
11097-69-1	-----Arochlor-1254	39.	U
11096-82-5	-----Arochlor-1260	23.	J

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EPA SAMPLE NO.

COMP39/1006-1008

ab Name: AES Contract:

Lab Code: AES Case No.: GE9910 SAS No.: SDG No:ASPE38(4-6)

Matrix: (soil/water) SOIL Lab Sample ID: COMP39/1006-1008

ample wt/vol: 30.0 (g/mL) G Lab File ID: 990803AM02

Level: (low/med) LOW Date Received: 8/ 3/99

Moisture: not dec. 30. dec.______ Date Extracted: 8/ 3/99

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 8/ 4/99

GPC Cleanup: (Y/N) N pH: 6.5 Dilution Factor: 2.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	95.	U
11104-28-2	-----Arochlor-1221	95.	U
11141-16-5	-----Arochlor-1232	95.	U
53469-21-9	-----Arochlor-1242	95.	U
12672-29-6	-----Arochlor-1248	95.	U
11097-69-1	-----Arochlor-1254	95.	U
11096-82-5	-----Arochlor-1260	100.	

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EPA SAMPLE NO.

COMP41/1006-1008

Lab Name: AES　　Contract:

Lab Code: AES　　Case No.: GE9910　　SAS No.:　　SDG No:ASPE38(4-6)

Matrix: (soil/water) SOIL　　Lab Sample ID: COMP41/1006-1008

Sample wt/vol: 30.0 (g/mL) G　　Lab File ID: 990803AM04

Level: (low/med) LOW　　Date Received: 8/ 3/99

% Moisture: not dec. 26.　dec.______　　Date Extracted: 8/ 3/99

Extraction: (SepF/Cont/Sonc) SONC　　Date Analyzed: 8/ 3/99

GPC Cleanup: (Y/N) N　　pH: 6.9　　Dilution Factor: 10.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	450.	U
11104-28-2	-----Arochlor-1221	450.	U
11141-16-5	-----Arochlor-1232	450.	U
53469-21-9	-----Arochlor-1242	450.	U
12672-29-6	-----Arochlor-1248	450.	U
11097-69-1	-----Arochlor-1254	450.	U
11096-82-5	-----Arochlor-1260	470.	

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EPA SAMPLE NO.

DUP-5

Lab Name: AES Contract:

Lab Code: AES Case No.: GE9910 SAS No.: SDG No:ASPE38(4-6)

Matrix: (soil/water) SOIL Lab Sample ID: DUP-5

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 990731A13

Level: (low/med) LOW Date Received: 7/31/99

% Moisture: not dec. 13. dec.______ Date Extracted: 7/31/99

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 8/ 1/99

GPC Cleanup: (Y/N) N pH: 8.7 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	38.	U
11104-28-2	-----Arochlor-1221	38.	U
11141-16-5	-----Arochlor-1232	38.	U
53469-21-9	-----Arochlor-1242	38.	U
12672-29-6	-----Arochlor-1248	38.	U
11097-69-1	-----Arochlor-1254	38.	U
11096-82-5	-----Arochlor-1260	38.	U

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EPA SAMPLE NO.

DUP-6

Lab Name: AES   Contract:

Lab Code: AES   Case No.: GE9910   SAS No.:   SDG No:ASPE38(4-6)

Matrix: (soil/water) SOIL   Lab Sample ID: DUP-6

Sample wt/vol: 30.0 (g/mL) G   Lab File ID: 990802AI13

Level: (low/med) LOW   Date Received: 8/ 2/99

% Moisture: not dec. 27. dec.______   Date Extracted: 8/ 2/99

Extraction: (SepF/Cont/Sonc) SONC   Date Analyzed: 8/ 3/99

GPC Cleanup: (Y/N) N   pH: 7.0   Dilution Factor: 10.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	460.	U
11104-28-2	-----Arochlor-1221	460.	U
11141-16-5	-----Arochlor-1232	460.	U
53469-21-9	-----Arochlor-1242	460.	U
12672-29-6	-----Arochlor-1248	460.	U
11097-69-1	-----Arochlor-1254	460.	U
11096-82-5	-----Arochlor-1260	390.	J

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EPA SAMPLE NO.

COMP44/1001-999

a Name: AES Contract:

ab Code: AES Case No.: GE9912 SAS No.: SDG No.: COMP37/1003-1005

a rix: (soil/water) SOIL Lab Sample ID: COMP44/1001-999

a ple wt/vol: 30.0 (g/mL) G Lab File ID: 990803AM11

evel: (low/med) LOW Date Received: 8/ 3/99

oisture: not dec. 16. dec._____ Date Extracted: 8/ 3/99

xtraction: (SepF/Cont/Sonc) SONC Date Analyzed: 8/ 3/99

P Cleanup: (Y/N) N pH: 7.7 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	40.	U
11104-28-2	-----Arochlor-1221	40.	U
11141-16-5	-----Arochlor-1232	40.	U
53469-21-9	-----Arochlor-1242	40.	U
12672-29-6	-----Arochlor-1248	40.	U
11097-69-1	-----Arochlor-1254	40.	U
11096-82-5	-----Arochlor-1260	1000.	

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EPA SAMPLE NO.

COMP45/1000-1001

Lab Name: AES Contract:

Lab Code: AES Case No.: GE9912 SAS No.: SDG No.: COMP37/1003-1005

Matrix: (soil/water) SOIL Lab Sample ID: COMP45/1000-1001

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 990803AM12

Level: (low/med) LOW Date Received: 8/ 3/99

% Moisture: not dec. 15. dec.______ Date Extracted: 8/ 3/99

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 8/ 3/99

GPC Cleanup: (Y/N) N pH: 8.2 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	39.	U
11104-28-2	-----Arochlor-1221	39.	U
11141-16-5	-----Arochlor-1232	39.	U
53469-21-9	-----Arochlor-1242	39.	U
12672-29-6	-----Arochlor-1248	39.	U
11097-69-1	-----Arochlor-1254	39.	U
11096-82-5	-----Arochlor-1260	39.	U

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EPA SAMPLE NO.

COMP46/1003-1005

a Name: AES Contract:

ab Code: AES Case No.: GE9912 SAS No.: SDG No.: COMP37/1003-1005

a rix: (soil/water) SOIL Lab Sample ID: COMP46/1003-1005

a ple wt/vol: 30.0 (g/mL) G Lab File ID: 990803AM13

evel: (low/med) LOW Date Received: 8/ 3/99

oisture: not dec. 11. dec.______ Date Extracted: 8/ 3/99

xtraction: (SepF/Cont/Sonc) SONC Date Analyzed: 8/ 3/99

P Cleanup: (Y/N) N pH: 8.4 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	37.	U
11104-28-2	-----Arochlor-1221	37.	U
11141-16-5	-----Arochlor-1232	37.	U
53469-21-9	-----Arochlor-1242	37.	U
12672-29-6	-----Arochlor-1248	37.	U
11097-69-1	-----Arochlor-1254	37.	U
11096-82-5	-----Arochlor-1260	23.	J

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EPA SAMPLE NO.

COMP51/1004-1002

ab Name: AES   Contract:

ab Code: AES   Case No.: GE9912   SAS No.:   SDG No.: COMP37/1003-1005

trix: (soil/water) SOIL   Lab Sample ID: COMP51/1004-1002

mple wt/vol: 30.0 (g/mL) G   Lab File ID: 990804BA01

evel: (low/med) LOW   Date Received: 8/ 4/99

Moisture: not dec. 13. dec.______   Date Extracted: 8/ 4/99

xtraction: (SepF/Cont/Sonc) SONC   Date Analyzed: 8/ 4/99

C Cleanup: (Y/N) N   pH: 8.7   Dilution Factor: 10.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	380.	U
11104-28-2	-----Arochlor-1221	380.	U
11141-16-5	-----Arochlor-1232	380.	U
53469-21-9	-----Arochlor-1242	380.	U
12672-29-6	-----Arochlor-1248	380.	U
11097-69-1	-----Arochlor-1254	380.	U
11096-82-5	-----Arochlor-1260	770.	

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EPA SAMPLE NO.

COMP57/997-999

a Name: AES Contract:

ab Code: AES Case No.: GE9912 SAS No.: SDG No.: COMP37/1003-1005

a rix: (soil/water) SOIL Lab Sample ID: COMP57/997-999

a ple wt/vol: 30.0 (g/mL) G Lab File ID: 990805BE05

evel: (low/med) LOW Date Received: 8/ 5/99

oisture: not dec. 15. dec.______ Date Extracted: 8/ 5/99

xtraction: (SepF/Cont/Sonc) SONC Date Analyzed: 8/ 5/99

P Cleanup: (Y/N) N pH: 8.2 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	39.	U
11104-28-2	-----Arochlor-1221	39.	U
11141-16-5	-----Arochlor-1232	39.	U
53469-21-9	-----Arochlor-1242	39.	U
12672-29-6	-----Arochlor-1248	39.	U
11097-69-1	-----Arochlor-1254	39.	U
11096-82-5	-----Arochlor-1260	39.	U

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EPA SAMPLE NO.

COMP58/999-1001

ab Name: AES Contract:

ab Code: AES Case No.: GE9912 SAS No.: SDG No.: COMP37/1003-1005

atrix: (soil/water) SOIL Lab Sample ID: COMP58/999-1001

ample wt/vol: 30.0 (g/mL) G Lab File ID: 990805BE06

evel: (low/med) LOW Date Received: 8/ 5/99

oisture: not dec. 7. dec.______ Date Extracted: 8/ 5/99

xtraction: (SepF/Cont/Sonc) SONC Date Analyzed: 8/ 5/99

P Cleanup: (Y/N) N pH: 8.4 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	36.	U
11104-28-2	-----Arochlor-1221	36.	U
11141-16-5	-----Arochlor-1232	36.	U
53469-21-9	-----Arochlor-1242	36.	U
12672-29-6	-----Arochlor-1248	36.	U
11097-69-1	-----Arochlor-1254	36.	U
11096-82-5	-----Arochlor-1260	36.	U

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EPA SAMPLE NO.

COMP59/995-997

ab Name: AES Contract:

ab Code: AES Case No.: GE9912 SAS No.: SDG No.: COMP37/1003-1005

a rix: (soil/water) SOIL Lab Sample ID: COMP59/995-997

a ple wt/vol: 30.0 (g/mL) G Lab File ID: 990805BE07

evel: (low/med) LOW Date Received: 8/ 5/99

oisture: not dec. 13. dec.______ Date Extracted: 8/ 5/99

xtraction: (SepF/Cont/Sonc) SONC Date Analyzed: 8/ 5/99

Cleanup: (Y/N) N pH: 8.5 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	38.	U
11104-28-2	-----Arochlor-1221	38.	U
11141-16-5	-----Arochlor-1232	38.	U
53469-21-9	-----Arochlor-1242	38.	U
12672-29-6	-----Arochlor-1248	38.	U
11097-69-1	-----Arochlor-1254	38.	U
11096-82-5	-----Arochlor-1260	38.	U

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EPA SAMPLE NO.

COMP60/997-999

a Name: AES Contract:

ab Code: AES Case No.: GE9912 SAS No.: SDG No.: COMP37/1003-1005

a rix: (soil/water) SOIL Lab Sample ID: COMP60/997-999

a ple wt/vol: 30.0 (g/mL) G Lab File ID: 990805BE08

evel: (low/med) LOW Date Received: 8/ 5/99

oisture: not dec. 13. dec.______ Date Extracted: 8/ 5/99

xtraction: (SepF/Cont/Sonc) SONC Date Analyzed: 8/ 5/99

Cleanup: (Y/N) N pH: 8.8 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	38.	U
11104-28-2	-----Arochlor-1221	38.	U
11141-16-5	-----Arochlor-1232	38.	U
53469-21-9	-----Arochlor-1242	38.	U
12672-29-6	-----Arochlor-1248	38.	U
11097-69-1	-----Arochlor-1254	38.	U
11096-82-5	-----Arochlor-1260	38.	U

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EPA SAMPLE NO.

COMP61/999-1000

ab Name: AES Contract:

ab Code: AES Case No.: GE9912 SAS No.: SDG No.: COMP37/1003-1005

rix: (soil/water) SOIL Lab Sample ID: COMP61/999-1000

mple wt/vol: 30.0 (g/mL) G Lab File ID: 990805BE09

vel: (low/med) LOW Date Received: 8/ 5/99

Moisture: not dec. 13. dec.______ Date Extracted: 8/ 5/99

xtraction: (SepF/Cont/Sonc) SONC Date Analyzed: 8/ 5/99

C Cleanup: (Y/N) N pH: 8.5 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	38.	U
11104-28-2	-----Arochlor-1221	38.	U
11141-16-5	-----Arochlor-1232	38.	U
53469-21-9	-----Arochlor-1242	38.	U
12672-29-6	-----Arochlor-1248	38.	U
11097-69-1	-----Arochlor-1254	38.	U
11096-82-5	-----Arochlor-1260	380.	

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EPA SAMPLE NO.

COMP53/995-997

Lab Name: AES Contract:

Lab Code: AES Case No.: GE9915 SAS No.: SDG No:COMP53/995-997

Matrix: (soil/water) SOIL Lab Sample ID: COMP53/995-997

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 990805BE01

Level: (low/med) LOW Date Received: 8/ 5/99

% Moisture: not dec. 17. dec._____ Date Extracted: 8/ 5/99

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 8/ 5/99

GPC Cleanup: (Y/N) N pH: 8.0 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	40.	U
11104-28-2	-----Arochlor-1221	40.	U
11141-16-5	-----Arochlor-1232	40.	U
53469-21-9	-----Arochlor-1242	40.	U
12672-29-6	-----Arochlor-1248	40.	U
11097-69-1	-----Arochlor-1254	40.	U
11096-82-5	-----Arochlor-1260	40.	U

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EPA SAMPLE NO.

COMP54/997-999

Lab Name: AES Contract:

Lab Code: AES Case No.: GE9915 SAS No.: SDG No:COMP53/995-997

Matrix: (soil/water) SOIL Lab Sample ID: COMP54/997-999

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 990805BE02

Level: (low/med) LOW Date Received: 8/ 5/99

% Moisture: not dec. 21. dec.______ Date Extracted: 8/ 5/99

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 8/ 5/99

GPC Cleanup: (Y/N) N pH: 8.3 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	42.	U
11104-28-2	-----Arochlor-1221	42.	U
11141-16-5	-----Arochlor-1232	42.	U
53469-21-9	-----Arochlor-1242	42.	U
12672-29-6	-----Arochlor-1248	42.	U
11097-69-1	-----Arochlor-1254	42.	U
11096-82-5	-----Arochlor-1260	42.	U

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EPA SAMPLE NO.

COMP55/999-1000

Lab Name: AES Contract:

Lab Code: AES Case No.: GE9915 SAS No.: SDG No:COMP53/995-997

Matrix: (soil/water) SOIL Lab SampleID:COMP55/999-1000

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 990805BE03

Level: (low/med) LOW Date Received: 8/ 5/99

% Moisture: not dec. 16. dec.______ Date Extracted: 8/ 5/99

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 8/ 5/99

GPC Cleanup: (Y/N) N pH: 8.2 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	40.	U
11104-28-2	-----Arochlor-1221	40.	U
11141-16-5	-----Arochlor-1232	40.	U
53469-21-9	-----Arochlor-1242	40.	U
12672-29-6	-----Arochlor-1248	40.	U
11097-69-1	-----Arochlor-1254	40.	U
11096-82-5	-----Arochlor-1260	40.	U

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EPA SAMPLE NO.

COMP56/995-997

Lab Name: AES Contract:

Lab Code: AES Case No.: GE9915 SAS No.: SDG No:COMP53/995-997

Matrix: (soil/water) SOIL Lab SampleID:COMP56/995-997

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 990805BE04

Level: (low/med) LOW Date Received: 8/ 5/99

% Moisture: not dec. 23. dec.______ Date Extracted: 8/ 5/99

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 8/ 5/99

GPC Cleanup: (Y/N) N pH: 8.0 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	43.	U
11104-28-2	-----Arochlor-1221	43.	U
11141-16-5	-----Arochlor-1232	43.	U
53469-21-9	-----Arochlor-1242	43.	U
12672-29-6	-----Arochlor-1248	43.	U
11097-69-1	-----Arochlor-1254	43.	U
11096-82-5	-----Arochlor-1260	43.	U

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EPA SAMPLE NO.

COMP64/995-997

Lab Name: AES Contract:

Lab Code: AES Case No.: GE9915 SAS No.: SDG No:COMP53/995-997

Matrix: (soil/water) SOIL Lab Sample ID:COMP64/995-997

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 990805BE12

Level: (low/med) LOW Date Received: 8/ 5/99

% Moisture: not dec. 13. dec.______ Date Extracted: 8/ 5/99

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 8/ 6/99

GPC Cleanup: (Y/N) N pH: 8.5 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	38.	U
11104-28-2	-----Arochlor-1221	38.	U
11141-16-5	-----Arochlor-1232	38.	U
53469-21-9	-----Arochlor-1242	38.	U
12672-29-6	-----Arochlor-1248	38.	U
11097-69-1	-----Arochlor-1254	38.	U
11096-82-5	-----Arochlor-1260	38.	U

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EPA SAMPLE NO.

COMP65/997-999

Lab Name: AES Contract:

Lab Code: AES Case No.: GE9915 SAS No.: SDG No:COMP53/995-997

Matrix: (soil/water) SOIL Lab Sample ID:COMP65/997-999

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 990805BE13

Level: (low/med) LOW Date Received: 8/ 5/99

% Moisture: not dec. 10. dec.______ Date Extracted: 8/ 5/99

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 8/ 6/99

GPC Cleanup: (Y/N) N pH: 8.6 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	37.	U
11104-28-2	-----Arochlor-1221	37.	U
11141-16-5	-----Arochlor-1232	37.	U
53469-21-9	-----Arochlor-1242	37.	U
12672-29-6	-----Arochlor-1248	37.	U
11097-69-1	-----Arochlor-1254	37.	U
11096-82-5	-----Arochlor-1260	37.	U

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EPA SAMPLE NO.

COMP66/999-1000

Lab Name: AES Contract:

Lab Code: AES Case No.: GE9915 SAS No.: SDG No:COMP53/995-997

Matrix: (soil/water) SOIL Lab Sample ID:COMP66/999-1000

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 990805BE14

Level: (low/med) LOW Date Received: 8/ 5/99

% Moisture: not dec. 8. dec.______ Date Extracted: 8/ 5/99

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 8/ 6/99

GPC Cleanup: (Y/N) N pH: 8.2 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	36.	U
11104-28-2	-----Arochlor-1221	36.	U
11141-16-5	-----Arochlor-1232	36.	U
53469-21-9	-----Arochlor-1242	36.	U
12672-29-6	-----Arochlor-1248	36.	U
11097-69-1	-----Arochlor-1254	36.	U
11096-82-5	-----Arochlor-1260	90.	

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EPA SAMPLE NO.

COMP95/999-1001

Lab Name: AES Contract:

Lab Code: AES Case No.: GE9915 SAS No.: SDG No:COMP53/995-997

Matrix: (soil/water) SOIL Lab Sample ID: COMP95/999-1001

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 990811BJ07

Level: (low/med) LOW Date Received: 8/11/99

Moisture: not dec. 18. dec.______ Date Extracted: 8/11/99

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 8/11/99

GPC Cleanup: (Y/N) N pH: 7.7 Dilution Factor: 10.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	410.	U
11104-28-2	-----Arochlor-1221	410.	U
11141-16-5	-----Arochlor-1232	410.	U
53469-21-9	-----Arochlor-1242	410.	U
12672-29-6	-----Arochlor-1248	410.	U
11097-69-1	-----Arochlor-1254	410.	U
11096-82-5	-----Arochlor-1260	1300.	

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EPA SAMPLE NO.

COMP97/999-1001

ab Name: AES Contract:

Lab Code: AES Case No.: GE9915 SAS No.: SDG No:COMP53/995-997

atrix: (soil/water) SOIL Lab Sample ID:COMP97/999-1001

ample wt/vol: 30.0 (g/mL) G Lab File ID: 990811BJ09

Level: (low/med) LOW Date Received: 8/11/99

Moisture: not dec. 29. dec.______ Date Extracted: 8/11/99

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 8/12/99

PC Cleanup: (Y/N) N pH: 7.3 Dilution Factor: 10.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	470.	U
11104-28-2	-----Arochlor-1221	470.	U
11141-16-5	-----Arochlor-1232	470.	U
53469-21-9	-----Arochlor-1242	470.	U
12672-29-6	-----Arochlor-1248	470.	U
11097-69-1	-----Arochlor-1254	470.	U
11096-82-5	-----Arochlor-1260	790.	

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EPA SAMPLE NO.

COMP98/1001-1003

Lab Name: AES   Contract:

Lab Code: AES   Case No.: GE9915   SAS No.:   SDG No:COMP53/995-997

Matrix: (soil/water) SOIL   LabSampleID:COMP98/1001-1003

Sample wt/vol: 30.0 (g/mL) G   Lab File ID: 990811BJ10

Level: (low/med) LOW   Date Received: 8/11/99

% Moisture: not dec. 20. dec.______   Date Extracted: 8/11/99

Extraction: (SepF/Cont/Sonc) SONC   Date Analyzed: 8/12/99

GPC Cleanup: (Y/N) N   pH: 7.5   Dilution Factor: 10.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	420.	U
11104-28-2	-----Arochlor-1221	420.	U
11141-16-5	-----Arochlor-1232	420.	U
53469-21-9	-----Arochlor-1242	420.	U
12672-29-6	-----Arochlor-1248	420.	U
11097-69-1	-----Arochlor-1254	420.	U
11096-82-5	-----Arochlor-1260	1300.	

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EPA SAMPLE NO.

COMP67/995-997

Lab Name: AES Contract:

Lab Code: AES Case No.: GE9916 SAS No.: SDG No:ASPECOMP67/995-997

Matrix: (soil/water) SOIL Lab Sample ID: COMP67/995-997

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 990806AP01

Level: (low/med) LOW Date Received: 8/ 6/99

% Moisture: not dec. 25. dec.______ Date Extracted: 8/ 6/99

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 8/ 6/99

GPC Cleanup: (Y/N) N pH: 7.8 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	44.	U
11104-28-2	-----Arochlor-1221	44.	U
11141-16-5	-----Arochlor-1232	44.	U
53469-21-9	-----Arochlor-1242	44.	U
12672-29-6	-----Arochlor-1248	44.	U
11097-69-1	-----Arochlor-1254	44.	U
11096-82-5	-----Arochlor-1260	44.	U

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EPA SAMPLE NO.

COMP68/997-999

Lab Name: AES Contract:

Lab Code: AES Case No.: GE9916 SAS No.: SDG No:ASPECOMP67/995-997

Matrix: (soil/water) SOIL Lab Sample ID: COMP68/997-999

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 990806AP02

Level: (low/med) LOW Date Received: 8/ 6/99

% Moisture: not dec. 14. dec.______ Date Extracted: 8/ 6/99

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 8/ 6/99

GPC Cleanup: (Y/N) N pH: 8.2 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	39.	U
11104-28-2	-----Arochlor-1221	39.	U
11141-16-5	-----Arochlor-1232	39.	U
53469-21-9	-----Arochlor-1242	39.	U
12672-29-6	-----Arochlor-1248	39.	U
11097-69-1	-----Arochlor-1254	39.	U
11096-82-5	-----Arochlor-1260	57.	

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EPA SAMPLE NO.

COMP69/999-1001

Lab Name: AES Contract:

Lab Code: AES Case No.: GE9916 SAS No.: SDG No:ASPECOMP67/995-997

Matrix: (soil/water) SOIL Lab Sample ID: COMP69/999-1001

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 990806AP03

Level: (low/med) LOW Date Received: 8/ 6/99

% Moisture: not dec. 28. dec._____ Date Extracted: 8/ 6/99

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 8/ 6/99

GPC Cleanup: (Y/N) N pH: 7.4 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	46.	U
11104-28-2	-----Arochlor-1221	46.	U
11141-16-5	-----Arochlor-1232	46.	U
53469-21-9	-----Arochlor-1242	46.	U
12672-29-6	-----Arochlor-1248	46.	U
11097-69-1	-----Arochlor-1254	46.	U
11096-82-5	-----Arochlor-1260	24.	J

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EPA SAMPLE NO.

COMP70/995-997

Lab Name: AES Contract:

Lab Code: AES Case No.: GE9916 SAS No.: SDG No:ASPECOMP67/995-997

Matrix: (soil/water) SOIL Lab Sample ID: COMP70/995-997

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 990806AL01

Level: (low/med) LOW Date Received: 8/ 6/99

% Moisture: not dec. 19. dec.______ Date Extracted: 8/ 6/99

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 8/ 6/99

GPC Cleanup: (Y/N) N pH: 7.7 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	41.	U
11104-28-2	-----Arochlor-1221	41.	U
11141-16-5	-----Arochlor-1232	41.	U
53469-21-9	-----Arochlor-1242	41.	U
12672-29-6	-----Arochlor-1248	41.	U
11097-69-1	-----Arochlor-1254	41.	U
11096-82-5	-----Arochlor-1260	41.	U

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EPA SAMPLE NO.

COMP71/997-999

Lab Name: AES Contract:

Lab Code: AES Case No.: GE9916 SAS No.: SDG No:ASPECOMP67/995-997

Matrix: (soil/water) SOIL Lab Sample ID: COMP71/997-999

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 990806AL02

Level: (low/med) LOW Date Received: 8/ 6/99

% Moisture: not dec. 19. dec.______ Date Extracted: 8/ 6/99

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 8/ 6/99

GPC Cleanup: (Y/N) N pH: 7.9 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	41.	U
11104-28-2	-----Arochlor-1221	41.	U
11141-16-5	-----Arochlor-1232	41.	U
53469-21-9	-----Arochlor-1242	41.	U
12672-29-6	-----Arochlor-1248	41.	U
11097-69-1	-----Arochlor-1254	41.	U
11096-82-5	-----Arochlor-1260	41.	U

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EPA SAMPLE NO.

COMP72/995-997

Lab Name: AES Contract:

Lab Code: AES Case No.: GE9916 SAS No.: SDG No:ASPECOMP67/995-997

Matrix: (soil/water) SOIL Lab Sample ID: COMP72/995-997

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 990806AL03

Level: (low/med) LOW Date Received: 8/ 6/99

% Moisture: not dec. 13. dec.______ Date Extracted: 8/ 6/99

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 8/ 6/99

GPC Cleanup: (Y/N) N pH: 8.0 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	38.	U
11104-28-2	-----Arochlor-1221	38.	U
11141-16-5	-----Arochlor-1232	38.	U
53469-21-9	-----Arochlor-1242	38.	U
12672-29-6	-----Arochlor-1248	38.	U
11097-69-1	-----Arochlor-1254	38.	U
11096-82-5	-----Arochlor-1260	38.	U

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EPA SAMPLE NO.

COMP73/997-999

Lab Name: AES Contract:

Lab Code: AES Case No.: GE9916 SAS No.: SDG No:ASPECOMP67/995-997

Matrix: (soil/water) SOIL Lab Sample ID: COMP73/997-999

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 990806AL04

Level: (low/med) LOW Date Received: 8/ 6/99

% Moisture: not dec. 20. dec.______ Date Extracted: 8/ 6/99

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 8/ 6/99

GPC Cleanup: (Y/N) N pH: 7.8 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	42.	U
11104-28-2	-----Arochlor-1221	42.	U
11141-16-5	-----Arochlor-1232	42.	U
53469-21-9	-----Arochlor-1242	42.	U
12672-29-6	-----Arochlor-1248	42.	U
11097-69-1	-----Arochlor-1254	42.	U
11096-82-5	-----Arochlor-1260	42.	U

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EPA SAMPLE NO.

COMP74/1008-1010

Lab Name: AES Contract:

Lab Code: AES Case No.: GE9916 SAS No.: SDG No:ASPECOMP67/995-997

Matrix: (soil/water) SOIL Lab Sample ID: COMP74/1008-1010

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 990806AP04

Level: (low/med) LOW Date Received: 8/ 6/99

% Moisture: not dec. 22. dec.______ Date Extracted: 8/ 6/99

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 8/ 6/99

GPC Cleanup: (Y/N) N pH: 7.5 Dilution Factor: 10.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	430.	U
11104-28-2	-----Arochlor-1221	430.	U
11141-16-5	-----Arochlor-1232	430.	U
53469-21-9	-----Arochlor-1242	430.	U
12672-29-6	-----Arochlor-1248	430.	U
11097-69-1	-----Arochlor-1254	430.	U
11096-82-5	-----Arochlor-1260	1200.	

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EPA SAMPLE NO.

COMP75/1008-1010

Lab Name: AES Contract:

Lab Code: AES Case No.: GE9916 SAS No.: SDG No:ASPECOMP67/995-997

Matrix: (soil/water) SOIL Lab Sample ID: COMP75/1008-1010

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 990806AP05

Level: (low/med) LOW Date Received: 8/ 6/99

% Moisture: not dec. 9. dec.______ Date Extracted: 8/ 6/99

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 8/ 6/99

GPC Cleanup: (Y/N) N pH: 8.4 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	37.	U
11104-28-2	-----Arochlor-1221	37.	U
11141-16-5	-----Arochlor-1232	37.	U
53469-21-9	-----Arochlor-1242	37.	U
12672-29-6	-----Arochlor-1248	37.	U
11097-69-1	-----Arochlor-1254	37.	U
11096-82-5	-----Arochlor-1260	32.	J

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EPA SAMPLE NO.

COMP76/1007-1005

Lab Name: AES Contract:

Lab Code: AES Case No.: GE9916 SAS No.: SDG No:ASPECOMP67/995-997

Matrix: (soil/water) SOIL Lab Sample ID: COMP76/1007-1005

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 990806AP06

Level: (low/med) LOW Date Received: 8/ 6/99

% Moisture: not dec. 16. dec.______ Date Extracted: 8/ 6/99

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 8/ 6/99

GPC Cleanup: (Y/N) N pH: 7.4 Dilution Factor: 10.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	400.	U
11104-28-2	-----Arochlor-1221	400.	U
11141-16-5	-----Arochlor-1232	400.	U
53469-21-9	-----Arochlor-1242	400.	U
12672-29-6	-----Arochlor-1248	400.	U
11097-69-1	-----Arochlor-1254	400.	U
11096-82-5	-----Arochlor-1260	970.	

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EPA SAMPLE NO.

COMP84/999-1001

Lab Name: AES   Contract:

Lab Code: AES   Case No.: GE9916   SAS No.:   SDG No:ASPECOMP67/995-997

Matrix: (soil/water) SOIL   Lab Sample ID: COMP84/999-1001

Sample wt/vol: 30.0 (g/mL) G   Lab File ID: 990807A08

Level: (low/med) LOW   Date Received: 8/ 7/99

% Moisture: not dec. 19. dec.______   Date Extracted: 8/ 7/99

Extraction: (SepF/Cont/Sonc) SONC   Date Analyzed: 8/ 8/99

GPC Cleanup: (Y/N) N   pH: 7.8   Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	41.	U
11104-28-2	-----Arochlor-1221	41.	U
11141-16-5	-----Arochlor-1232	41.	U
53469-21-9	-----Arochlor-1242	41.	U
12672-29-6	-----Arochlor-1248	41.	U
11097-69-1	-----Arochlor-1254	41.	U
11096-82-5	-----Arochlor-1260	41.	U

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EPA SAMPLE NO.

AS-PE-DUP-8

Lab Name: AES Contract:

Lab Code: AES Case No.: GE9916 SAS No.: SDG No:ASPECOMP67/995-997

Matrix: (soil/water) SOIL Lab Sample ID: AS-PE-DUP-8

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 990806AP07

Level: (low/med) LOW Date Received: 8/ 6/99

% Moisture: not dec. 12. dec.______ Date Extracted: 8/ 6/99

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 8/ 6/99

GPC Cleanup: (Y/N) N pH: 7.3 Dilution Factor: 10.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	380.	U
11104-28-2	-----Arochlor-1221	380.	U
11141-16-5	-----Arochlor-1232	380.	U
53469-21-9	-----Arochlor-1242	380.	U
12672-29-6	-----Arochlor-1248	380.	U
11097-69-1	-----Arochlor-1254	380.	U
11096-82-5	-----Arochlor-1260	860.	

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PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

COMP90/1003-1005

Lab Name: AES Contract:

Lab Code: AES Case No.: GE9920 SAS No.: SDG No.: COMP90/1003-1005

Matrix: (soil/water) SOIL Lab Sample ID: COMP90/1003-1005

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 990811 BJ01

Level: (low/med) LOW Date Received: 8/11/99

% Moisture: not dec. 21. dec._____ Date Extracted: 8/11/99

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 8/11/99

GPC Cleanup: (Y/N) N pH: 7.4 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	42.	U
11104-28-2	-----Arochlor-1221	42.	U
11141-16-5	-----Arochlor-1232	42.	U
53469-21-9	-----Arochlor-1242	42.	U
12672-29-6	-----Arochlor-1248	42.	U
11097-69-1	-----Arochlor-1254	42.	U
11096-82-5	-----Arochlor-1260	79.	

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EPA SAMPLE NO.

COMP91/1003-1005

Lab Name: AES   Contract:

Lab Code: AES   Case No.: GE9920   SAS No.:   SDG No.: COMP90/1003-1005

Matrix: (soil/water) SOIL   Lab Sample ID: COMP91/1003-1005

Sample wt/vol: 30.0 (g/mL) G   Lab File ID: 990811 BJ03

Level: (low/med) LOW   Date Received: 8/11/99

% Moisture: not dec. 14. dec.______   Date Extracted: 8/11/99

Extraction: (SepF/Cont/Sonc) SONC   Date Analyzed: 8/11/99

GPC Cleanup: (Y/N) N   pH: 7.4   Dilution Factor: 10.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	390.	U
11104-28-2	-----Arochlor-1221	390.	U
11141-16-5	-----Arochlor-1232	390.	U
53469-21-9	-----Arochlor-1242	390.	U
12672-29-6	-----Arochlor-1248	390.	U
11097-69-1	-----Arochlor-1254	390.	U
11096-82-5	-----Arochlor-1260	1000.	

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EPA SAMPLE NO.

COMP92/1001-1003

Lab Name: AES Contract:

Lab Code: AES Case No.: GE9920 SAS No.: SDG No.: COMP90/1003-1005

Matrix: (soil/water) SOIL Lab Sample ID: COMP92/1001-1003

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 990811 BJ04

Level: (low/med) LOW Date Received: 8/11/99

% Moisture: not dec. 19. dec._____ Date Extracted: 8/11/99

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 8/12/99

GPC Cleanup: (Y/N) N pH: 7.4 Dilution Factor: 2.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	82.	U
11104-28-2	-----Arochlor-1221	82.	U
11141-16-5	-----Arochlor-1232	82.	U
53469-21-9	-----Arochlor-1242	82.	U
12672-29-6	-----Arochlor-1248	82.	U
11097-69-1	-----Arochlor-1254	82.	U
11096-82-5	-----Arochlor-1260	440.	

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PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

COMP107/1003-1005

Lab Name: AES Contract:

Lab Code: AES Case No.: GE9920 SAS No.: SDG No.: COMP90/1003-1005

Matrix: (soil/water) SOIL Lab Sample ID: COMP107/1003-1005

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 990812 AG03

Level: (low/med) LOW Date Received: 8/12/99

% Moisture: not dec. 11. dec._____ Date Extracted: 8/12/99

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 8/12/99

GPC Cleanup: (Y/N) N pH: 7.9 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	37.	U
11104-28-2	-----Arochlor-1221	37.	U
11141-16-5	-----Arochlor-1232	37.	U
53469-21-9	-----Arochlor-1242	37.	U
12672-29-6	-----Arochlor-1248	37.	U
11097-69-1	-----Arochlor-1254	37.	U
11096-82-5	-----Arochlor-1260	1200.	

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EPA SAMPLE NO.

COMP109-995-997

Lab Name: AES   Contract:

Lab Code: AES   Case No.: GE9920   SAS No.:   SDG No.: COMP90/1003-1005

Matrix: (soil/water) SOIL   Lab Sample ID: COMP109/995-997

Sample wt/vol: 30.0 (g/mL) G   Lab File ID: 990812 AG05

Level: (low/med) LOW   Date Received: 8/12/99

% Moisture: not dec. 16.   dec._____   Date Extracted: 8/12/99

Extraction: (SepF/Cont/Sonc) SONC   Date Analyzed: 8/12/99

GPC Cleanup: (Y/N) N   pH: 7.4   Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	40.	U
11104-28-2	-----Arochlor-1221	40.	U
11141-16-5	-----Arochlor-1232	40.	U
53469-21-9	-----Arochlor-1242	40.	U
12672-29-6	-----Arochlor-1248	40.	U
11097-69-1	-----Arochlor-1254	40.	U
11096-82-5	-----Arochlor-1260	140.	

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PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

COMP110/997-998

Lab Name: AES Contract:

Lab Code: AES Case No.: GE9920 SAS No.: SDG No.: COMP90/1003-1005

Matrix: (soil/water) SOIL Lab Sample ID: COMP110/997-998

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 990812 AG06

Level: (low/med) LOW Date Received: 8/12/99

% Moisture: not dec. 17. dec._____ Date Extracted: 8/12/99

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 8/12/99

GPC Cleanup: (Y/N) N pH: 7.4 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	40.	U
11104-28-2	-----Arochlor-1221	40.	U
11141-16-5	-----Arochlor-1232	40.	U
53469-21-9	-----Arochlor-1242	40.	U
12672-29-6	-----Arochlor-1248	40.	U
11097-69-1	-----Arochlor-1254	40.	U
11096-82-5	-----Arochlor-1260	94.	

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EPA SAMPLE NO.

COMP121/1003-1005

Lab Name: AES Contract:

Lab Code: AES Case No.: GE9920 SAS No.: SDG No.: COMP90/1003-1005

Matrix: (soil/water) SOIL Lab Sample ID: COMP121/1003-1005

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 990813 AU05

Level: (low/med) LOW Date Received: 8/13/99

% Moisture: not dec. 15. dec.______ Date Extracted: 8/13/99

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 8/13/99

GPC Cleanup: (Y/N) N pH: 7.6 Dilution Factor: 10.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	390.	U
11104-28-2	-----Arochlor-1221	390.	U
11141-16-5	-----Arochlor-1232	390.	U
53469-21-9	-----Arochlor-1242	390.	U
12672-29-6	-----Arochlor-1248	390.	U
11097-69-1	-----Arochlor-1254	390.	U
11096-82-5	-----Arochlor-1260	560.	

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EPA SAMPLE NO.

COMP122/1002-1004

Lab Name: AES Contract:

Lab Code: AES Case No.: GE9920 SAS No.: SDG No.: COMP90/1003-1005

Matrix: (soil/water) SOIL Lab Sample ID: COMP122/1002-1004

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 990813 AU06

Level: (low/med) LOW Date Received: 8/13/99

% Moisture: not dec. 23. dec.______ Date Extracted: 8/13/99

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 8/13/99

GPC Cleanup: (Y/N) N pH: 7.7 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	43.	U
11104-28-2	-----Arochlor-1221	43.	U
11141-16-5	-----Arochlor-1232	43.	U
53469-21-9	-----Arochlor-1242	43.	U
12672-29-6	-----Arochlor-1248	43.	U
11097-69-1	-----Arochlor-1254	43.	U
11096-82-5	-----Arochlor-1260	43.	U

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EPA SAMPLE NO.

COMP123/1004-1006

Lab Name: AES Contract:

Lab Code: AES Case No.: GE9920 SAS No.: SDG No.: COMP90/1003-1005

Matrix: (soil/water) SOIL Lab Sample ID: COMP123/1004-1006

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 990813 AU07

Level: (low/med) LOW Date Received: 8/13/99

% Moisture: not dec. 13. dec.______ Date Extracted: 8/13/99

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 8/13/99

GPC Cleanup: (Y/N) N pH: 7.5 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	38.	U
11104-28-2	-----Arochlor-1221	38.	U
11141-16-5	-----Arochlor-1232	38.	U
53469-21-9	-----Arochlor-1242	38.	U
12672-29-6	-----Arochlor-1248	38.	U
11097-69-1	-----Arochlor-1254	38.	U
11096-82-5	-----Arochlor-1260	150.	

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EPA SAMPLE NO.

COMP124/1002-1004

Lab Name: AES Contract:

Lab Code: AES Case No.: GE9920 SAS No.: SDG No.: COMP90/1003-1005

Matrix: (soil/water) SOIL Lab Sample ID: COMP124/1002-1004

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 990813 AU08

Level: (low/med) LOW Date Received: 8/13/99

% Moisture: not dec. 16. dec.______ Date Extracted: 8/13/99

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 8/13/99

GPC Cleanup: (Y/N) N pH: 7.7 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	40.	U
11104-28-2	-----Arochlor-1221	40.	U
11141-16-5	-----Arochlor-1232	40.	U
53469-21-9	-----Arochlor-1242	40.	U
12672-29-6	-----Arochlor-1248	40.	U
11097-69-1	-----Arochlor-1254	40.	U
11096-82-5	-----Arochlor-1260	40.	U

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EPA SAMPLE NO.

COMP125/1004-1006

Lab Name: AES   Contract:

Lab Code: AES   Case No.: GE9920   SAS No.:   SDG No.: COMP90/1003-1005

Matrix: (soil/water) SOIL   Lab Sample ID: COMP125/1004-1006

Sample wt/vol: 30.0 (g/mL) G   Lab File ID: 990813 AU09

Level: (low/med) LOW   Date Received: 8/13/99

% Moisture: not dec. 19. dec.______   Date Extracted: 8/13/99

Extraction: (SepF/Cont/Sonc) SONC   Date Analyzed: 8/13/99

GPC Cleanup: (Y/N) N   pH: 7.4   Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	41.	U
11104-28-2	-----Arochlor-1221	41.	U
11141-16-5	-----Arochlor-1232	41.	U
53469-21-9	-----Arochlor-1242	41.	U
12672-29-6	-----Arochlor-1248	41.	U
11097-69-1	-----Arochlor-1254	41.	U
11096-82-5	-----Arochlor-1260	150.	

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EPA SAMPLE NO.

COMP126/1002-1003

Lab Name: AES   Contract:

Lab Code: AES   Case No.: GE9920   SAS No.:   SDG No.: COMP90/1003-1005

Matrix: (soil/water) SOIL   Lab Sample ID: COMP126/1002-1003

Sample wt/vol: 30.0 (g/mL) G   Lab File ID: 990813 AU10

Level: (low/med) LOW   Date Received: 8/13/99

% Moisture: not dec. 14. dec.______   Date Extracted: 8/13/99

Extraction: (SepF/Cont/Sonc) SONC   Date Analyzed: 8/13/99

GPC Cleanup: (Y/N) N   pH: 7.9   Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	39.	U
11104-28-2	-----Arochlor-1221	39.	U
11141-16-5	-----Arochlor-1232	39.	U
53469-21-9	-----Arochlor-1242	39.	U
12672-29-6	-----Arochlor-1248	39.	U
11097-69-1	-----Arochlor-1254	39.	U
11096-82-5	-----Arochlor-1260	39.	U

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EPA SAMPLE NO.

COMP135/1001-1003

Lab Name: AES Contract:

Lab Code: AES Case No.: GE9920 SAS No.: SDG No.: COMP90/1003-1005

Matrix: (soil/water) SOIL Lab Sample ID: COMP135/1001-1003

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 990814 B10

Level: (low/med) LOW Date Received: 8/14/99

% Moisture: not dec. 24. dec.______ Date Extracted: 8/14/99

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 8/14/99

GPC Cleanup: (Y/N) N pH: 7.6 Dilution Factor: 10.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	440.	U
11104-28-2	-----Arochlor-1221	440.	U
11141-16-5	-----Arochlor-1232	440.	U
53469-21-9	-----Arochlor-1242	440.	U
12672-29-6	-----Arochlor-1248	440.	U
11097-69-1	-----Arochlor-1254	440.	U
11096-82-5	-----Arochlor-1260	1300.	

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EPA SAMPLE NO.

DUP-10

Lab Name: AES Contract:

Lab Code: AES Case No.: GE9920 SAS No.: SDG No.: COMP90/1003-1005

Matrix: (soil/water) SOIL Lab Sample ID: DUP-10

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 990811 BJ02

Level: (low/med) LOW Date Received: 8/11/99

% Moisture: not dec. 21. dec.______ Date Extracted: 8/11/99

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 8/11/99

GPC Cleanup: (Y/N) N pH: 7.3 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	42.	U
11104-28-2	-----Arochlor-1221	42.	U
11141-16-5	-----Arochlor-1232	42.	U
53469-21-9	-----Arochlor-1242	42.	U
12672-29-6	-----Arochlor-1248	42.	U
11097-69-1	-----Arochlor-1254	42.	U
11096-82-5	-----Arochlor-1260	69.	

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EPA SAMPLE NO.

COMP103-1001-1003

b Name: AES Contract:

b Code: AES Case No.: GE9921 SAS No.: SDG No.: COMP102/1002-1005

trix: (soil/water) SOIL Lab Sample ID: COMP103/1001-1003

mple wt/vol: 30.0 (g/mL) G Lab File ID: 990812 T02

vel: (low/med) LOW Date Received: 8/12/99

bisture: not dec. 19. dec.______ Date Extracted: 8/12/99

traction: (SepF/Cont/Sonc) SONC Date Analyzed: 8/12/99

Cleanup: (Y/N) N pH: 7.1 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	41.	U
11104-28-2	-----Arochlor-1221	41.	U
11141-16-5	-----Arochlor-1232	41.	U
53469-21-9	-----Arochlor-1242	41.	U
12672-29-6	-----Arochlor-1248	41.	U
11097-69-1	-----Arochlor-1254	190.	
11096-82-5	-----Arochlor-1260	150.	

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EPA SAMPLE NO.

COMP104/1001-1003

a Name: AES Contract:

ab Code: AES Case No.: GE9921 SAS No.: SDG No.: COMP102/1002-1005

a rix: (soil/water) SOIL Lab Sample ID: COMP104/1001-1003

a ple wt/vol: 30.0 (g/mL) G Lab File ID: 990812 T03

evel: (low/med) LOW Date Received: 8/12/99

oisture: not dec. 13. dec.______ Date Extracted: 8/12/99

xtraction: (SepF/Cont/Sonc) SONC Date Analyzed: 8/12/99

P Cleanup: (Y/N) N pH: 8.2 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	38.	U
11104-28-2	-----Arochlor-1221	38.	U
11141-16-5	-----Arochlor-1232	38.	U
53469-21-9	-----Arochlor-1242	38.	U
12672-29-6	-----Arochlor-1248	38.	U
11097-69-1	-----Arochlor-1254	38.	U
11096-82-5	-----Arochlor-1260	38.	U

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EPA SAMPLE NO.

COMP111/995-997

a Name: AES Contract:

ab Code: AES Case No.: GE9921 SAS No.: SDG No.: COMP102/1002-1005

a rix: (soil/water) SOIL Lab Sample ID: COMP111/995-997

a ple wt/vol: 30.0 (g/mL) G Lab File ID: 990812 AG07

evel: (low/med) LOW Date Received: 8/12/99

oisture: not dec. 14. dec.______ Date Extracted: 8/12/99

xtraction: (SepF/Cont/Sonc) SONC Date Analyzed: 8/12/99

Cleanup: (Y/N) N pH: 7.8 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	39.	U
11104-28-2	-----Arochlor-1221	39.	U
11141-16-5	-----Arochlor-1232	39.	U
53469-21-9	-----Arochlor-1242	39.	U
12672-29-6	-----Arochlor-1248	39.	U
11097-69-1	-----Arochlor-1254	39.	U
11096-82-5	-----Arochlor-1260	87.	

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EPA SAMPLE NO.

COMP112/997-998

a Name: AES Contract:

ab Code: AES Case No.: GE9921 SAS No.: SDG No.: COMP102/1002-1005

a rix: (soil/water) SOIL Lab Sample ID: COMP112/997-998

a ple wt/vol: 30.0 (g/mL) G Lab File ID: 990812 AG08

evel: (low/med) LOW Date Received: 8/12/99

oisture: not dec. 17. dec.______ Date Extracted: 8/12/99

xtraction: (SepF/Cont/Sonc) SONC Date Analyzed: 8/12/99

P Cleanup: (Y/N) N pH: 7.5 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	40.	U
11104-28-2	-----Arochlor-1221	40.	U
11141-16-5	-----Arochlor-1232	40.	U
53469-21-9	-----Arochlor-1242	40.	U
12672-29-6	-----Arochlor-1248	40.	U
11097-69-1	-----Arochlor-1254	40.	U
11096-82-5	-----Arochlor-1260	7.4	~~J DNC~~ JN

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EPA SAMPLE NO.

COMP114/995-997

Lab Name: AES   Contract:

Lab Code: AES   Case No.: GE9921   SAS No.:   SDG No.: COMP102/1002-1005

Matrix: (soil/water) SOIL   Lab Sample ID: COMP114/995-997

Sample wt/vol: 30.0 (g/mL) G   Lab File ID: 990812 AG10

Level: (low/med) LOW   Date Received: 8/12/99

% Moisture: not dec. 19. dec.______   Date Extracted: 8/12/99

Extraction: (SepF/Cont/Sonc) SONC   Date Analyzed: 8/12/99

GPC Cleanup: (Y/N) N   pH: 7.4   Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	41.	U
11104-28-2	-----Arochlor-1221	41.	U
11141-16-5	-----Arochlor-1232	41.	U
53469-21-9	-----Arochlor-1242	41.	U
12672-29-6	-----Arochlor-1248	41.	U
11097-69-1	-----Arochlor-1254	41.	U
11096-82-5	-----Arochlor-1260	3.3	~~J DNC~~ JN

MAP
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EPA SAMPLE NO.

COMP115/997-999

ab Name: AES Contract:

ab Code: AES Case No.: GE9921 SAS No.: SDG No.: COMP102/1002-1005

atrix: (soil/water) SOIL Lab Sample ID: COMP115/997-999

ample wt/vol: 30.0 (g/mL) G Lab File ID: 990812 AG11

evel: (low/med) LOW Date Received: 8/12/99

Moisture: not dec. 42. dec.______ Date Extracted: 8/12/99

xtraction: (SepF/Cont/Sonc) SONC Date Analyzed: 8/13/99

C Cleanup: (Y/N) N pH: 6.9 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	57.	U
11104-28-2	-----Arochlor-1221	57.	U
11141-16-5	-----Arochlor-1232	57.	U
53469-21-9	-----Arochlor-1242	57.	U
12672-29-6	-----Arochlor-1248	57.	U
11097-69-1	-----Arochlor-1254	57.	U
11096-82-5	-----Arochlor-1260	220.	

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PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

COMP117/999-1001

a Name: AES Contract:

ab Code: AES Case No.: GE9921 SAS No.: SDG No.: COMP102/1002-1005

a rix: (soil/water) SOIL Lab Sample ID: COMP117/999-1001

a ple wt/vol: 30.0 (g/mL) G Lab File ID: 990813 AU01

evel: (low/med) LOW Date Received: 8/13/99

oisture: not dec. 17. dec.______ Date Extracted: 8/13/99

xtraction: (SepF/Cont/Sonc) SONC Date Analyzed: 8/13/99

P Cleanup: (Y/N) N pH: 7.8 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	40.	U
11104-28-2	-----Arochlor-1221	40.	U
11141-16-5	-----Arochlor-1232	40.	U
53469-21-9	-----Arochlor-1242	40.	U
12672-29-6	-----Arochlor-1248	40.	U
11097-69-1	-----Arochlor-1254	40.	U
11096-82-5	-----Arochlor-1260	360.	

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PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

COMP118/997-999

a Name: AES Contract:

ab Code: AES Case No.: GE9921 SAS No.: SDG No.: COMP102/1002-1005

a rix: (soil/water) SOIL Lab Sample ID: COMP118/997-999

a ple wt/vol: 30.0 (g/mL) G Lab File ID: 990813 AU02

evel: (low/med) LOW Date Received: 8/13/99

oisture: not dec. 19. dec.______ Date Extracted: 8/13/99

xtraction: (SepF/Cont/Sonc) SONC Date Analyzed: 8/13/99

P Cleanup: (Y/N) N pH: 7.7 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	41.	U
11104-28-2	-----Arochlor-1221	41.	U
11141-16-5	-----Arochlor-1232	41.	U
53469-21-9	-----Arochlor-1242	41.	U
12672-29-6	-----Arochlor-1248	41.	U
11097-69-1	-----Arochlor-1254	41.	U
11096-82-5	-----Arochlor-1260	41.	U

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PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

COMP119/997-999

Lab Name: AES Contract:

Lab Code: AES Case No.: GE9921 SAS No.: SDG No.: COMP102/1002-1005

Matrix: (soil/water) SOIL Lab Sample ID: COMP119/997-999

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 990813 AU03

Level: (low/med) LOW Date Received: 8/13/99

% Moisture: not dec. 20. dec.______ Date Extracted: 8/13/99

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 8/13/99

GPC Cleanup: (Y/N) N pH: 7.4 Dilution Factor: 1.00

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	42.	U
11104-28-2	-----Arochlor-1221	42.	U
11141-16-5	-----Arochlor-1232	42.	U
53469-21-9	-----Arochlor-1242	42.	U
12672-29-6	-----Arochlor-1248	42.	U
11097-69-1	-----Arochlor-1254	42.	U
11096-82-5	-----Arochlor-1260	42.	U

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EPA SAMPLE NO.

COMP120/999-1001

a Name: AES Contract:

ab Code: AES Case No.: GE9921 SAS No.: SDG No.: COMP102/1002-1005

a rix: (soil/water) SOIL Lab Sample ID: COMP120/999-1001

ample wt/vol: 30.0 (g/mL) G Lab File ID: 990813 AU04

evel: (low/med) LOW Date Received: 8/13/99

oisture: not dec. 23. dec.______ Date Extracted: 8/13/99

xtraction: (SepF/Cont/Sonc) SONC Date Analyzed: 8/14/99

P Cleanup: (Y/N) N pH: 7.5 Dilution Factor: 10.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	430.	U
11104-28-2	-----Arochlor-1221	430.	U
11141-16-5	-----Arochlor-1232	430.	U
53469-21-9	-----Arochlor-1242	430.	U
12672-29-6	-----Arochlor-1248	430.	U
11097-69-1	-----Arochlor-1254	430.	U
11096-82-5	-----Arochlor-1260	1800.	

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EPA SAMPLE NO.

COMP127/1001-1003

a Name: AES   Contract:

ab Code: AES   Case No.: GE9921   SAS No.:   SDG No.: COMP102/1002-1005

atrix: (soil/water) SOIL   Lab Sample ID: COMP127/1001-1003

ample wt/vol: 30.0 (g/mL) G   Lab File ID: 990814 B01

evel: (low/med) LOW   Date Received: 8/14/99

Moisture: not dec. 15. dec.______   Date Extracted: 8/14/99

xtraction: (SepF/Cont/Sonc) SONC   Date Analyzed: 8/14/99

C Cleanup: (Y/N) N   pH: 7.1   Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	39.	U
11104-28-2	-----Arochlor-1221	39.	U
11141-16-5	-----Arochlor-1232	39.	U
53469-21-9	-----Arochlor-1242	39.	U
12672-29-6	-----Arochlor-1248	39.	U
11097-69-1	-----Arochlor-1254	73.	
11096-82-5	-----Arochlor-1260	39.	U

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EPA SAMPLE NO.

COMP129/1003-1005

Lab Name: AES Contract:

Lab Code: AES Case No.: GE9921 SAS No.: SDG No.: COMP102/1002-1005

Matrix: (soil/water) SOIL Lab Sample ID: COMP129/1003-1005

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 990814 B03

Level: (low/med) LOW Date Received: 8/14/99

% Moisture: not dec. 13. dec.______ Date Extracted: 8/14/99

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 8/15/99

GPC Cleanup: (Y/N) N pH: 7.5 Dilution Factor: 10.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	380.	U
11104-28-2	-----Arochlor-1221	380.	U
11141-16-5	-----Arochlor-1232	380.	U
53469-21-9	-----Arochlor-1242	380.	U
12672-29-6	-----Arochlor-1248	380.	U
11097-69-1	-----Arochlor-1254	380.	U
11096-82-5	-----Arochlor-1260	830.	

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EPA SAMPLE NO.

COMP131/1005-1006

a Name: AES Contract:

ab Code: AES Case No.: GE9921 SAS No.: SDG No.: COMP102/1002-1005

atrix: (soil/water) SOIL Lab Sample ID: COMP131/1005-1006

a ple wt/vol: 30.0 (g/mL) G Lab File ID: 990814 B06

evel: (low/med) LOW Date Received: 8/14/99

oisture: not dec. 17. dec.______ Date Extracted: 8/14/99

xtraction: (SepF/Cont/Sonc) SONC Date Analyzed: 8/15/99

PC Cleanup: (Y/N) N pH: 7.6 Dilution Factor: 10.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	400.	U
11104-28-2	-----Arochlor-1221	400.	U
11141-16-5	-----Arochlor-1232	400.	U
53469-21-9	-----Arochlor-1242	400.	U
12672-29-6	-----Arochlor-1248	400.	U
11097-69-1	-----Arochlor-1254	400.	U
11096-82-5	-----Arochlor-1260	1100.	

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EPA SAMPLE NO.

COMP132/1005-1006

a Name: AES Contract:

ab Code: AES Case No.: GE9921 SAS No.: SDG No.: COMP102/1002-1005

a rix: (soil/water) SOIL Lab Sample ID: COMP132/1005-1006

a ple wt/vol: 30.0 (g/mL) G Lab File ID: 990814 B07

evel: (low/med) LOW Date Received: 8/14/99

oisture: not dec. 17. dec.______ Date Extracted: 8/14/99

xtraction: (SepF/Cont/Sonc) SONC Date Analyzed: 8/15/99

P Cleanup: (Y/N) N pH: 7.4 Dilution Factor: 10.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	400.	U
11104-28-2	-----Arochlor-1221	400.	U
11141-16-5	-----Arochlor-1232	400.	U
53469-21-9	-----Arochlor-1242	400.	U
12672-29-6	-----Arochlor-1248	400.	U
11097-69-1	-----Arochlor-1254	400.	U
11096-82-5	-----Arochlor-1260	1100.	

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EPA SAMPLE NO.

DUP-11

a Name: AES Contract:

ab Code: AES Case No.: GE9921 SAS No.: SDG No.: COMP102/1002-1005

atrix: (soil/water) SOIL Lab Sample ID: DUP-11

aple wt/vol: 30.0 (g/mL) G Lab File ID: 990814 B04

evel: (low/med) LOW Date Received: 8/14/99

oisture: not dec. 13. dec.______ Date Extracted: 8/14/99

xtraction: (SepF/Cont/Sonc) SONC Date Analyzed: 8/15/99

Cleanup: (Y/N) N pH: 7.6 Dilution Factor: 10.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	380.	U
11104-28-2	-----Arochlor-1221	380.	U
11141-16-5	-----Arochlor-1232	380.	U
53469-21-9	-----Arochlor-1242	380.	U
12672-29-6	-----Arochlor-1248	380.	U
11097-69-1	-----Arochlor-1254	380.	U
11096-82-5	-----Arochlor-1260	930.	

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PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

COMP140/1003-1005

.a Name: AES Contract:

.ab Code: AES Case No.: GE9924 SAS No.: SDG No.: COMP136/1003-1005

la.rix: (soil/water) SOIL Lab Sample ID: COMP140/1003-1005

ample wt/vol: 30.0 (g/mL) G Lab File ID: 990816 AA02

.evel: (low/med) LOW Date Received: 8/16/99

Moisture: not dec. 16. dec.______ Date Extracted: 8/16/99

xtraction: (SepF/Cont/Sonc) SONC Date Analyzed: 8/16/99

G C Cleanup: (Y/N) N pH: 7.3 Dilution Factor: 4.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	160.	U
11104-28-2	-----Arochlor-1221	160.	U
11141-16-5	-----Arochlor-1232	160.	U
53469-21-9	-----Arochlor-1242	160.	U
12672-29-6	-----Arochlor-1248	160.	U
11097-69-1	-----Arochlor-1254	160.	U
11096-82-5	-----Arochlor-1260	250.	

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PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

COMP141/1003-1005

a Name: AES Contract:

ab Code: AES Case No.: GE9924 SAS No.: SDG No.: COMP136/1003-1005

a rix: (soil/water) SOIL Lab Sample ID: COMP141/1003-1005

ample wt/vol: 30.0 (g/mL) G Lab File ID: 990816 AA03

e el: (low/med) LOW Date Received: 8/16/99

oisture: not dec. 20. dec.______ Date Extracted: 8/16/99

xtraction: (SepF/Cont/Sonc) SONC Date Analyzed: 8/16/99

P Cleanup: (Y/N) N pH: 7.2 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	42.	U
11104-28-2	-----Arochlor-1221	42.	U
11141-16-5	-----Arochlor-1232	42.	U
53469-21-9	-----Arochlor-1242	42.	U
12672-29-6	-----Arochlor-1248	42.	U
11097-69-1	-----Arochlor-1254	42.	U
11096-82-5	-----Arochlor-1260	17.	J

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EPA SAMPLE NO.

COMP142/1003-1005

al Name: AES Contract:

ab Code: AES Case No.: GE9924 SAS No.: SDG No.: COMP136/1003-1005

a rix: (soil/water) SOIL Lab Sample ID: COMP142/1003-1005

ample wt/vol: 30.0 (g/mL) G Lab File ID: 990816 AA04

e el: (low/med) LOW Date Received: 8/16/99

oisture: not dec. 10. dec.______ Date Extracted: 8/16/99

xtraction: (SepF/Cont/Sonc) SONC Date Analyzed: 8/16/99

P Cleanup: (Y/N) N pH: 7.8 Dilution Factor: 20.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	740.	U
11104-28-2	-----Arochlor-1221	740.	U
11141-16-5	-----Arochlor-1232	740.	U
53469-21-9	-----Arochlor-1242	740.	U
12672-29-6	-----Arochlor-1248	740.	U
11097-69-1	-----Arochlor-1254	740.	U
11096-82-5	-----Arochlor-1260	1400.	

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PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

COMP148/1001-1003

Lab Name: AES   Contract:

Lab Code: AES   Case No.: GE9924   SAS No.:   SDG No.: COMP136/1003-1005

Matrix: (soil/water) SOIL   Lab Sample ID: COMP148/1001-1003

Sample wt/vol: 30.0 (g/mL) G   Lab File ID: 990817 I02

Level: (low/med) LOW   Date Received: 8/17/99

% Moisture: not dec. 18. dec.______   Date Extracted: 8/17/99

Extraction: (SepF/Cont/Sonc) SONC   Date Analyzed: 8/17/99

GPC Cleanup: (Y/N) N   pH: 7.4   Dilution Factor: 10.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	410.	U
11104-28-2	-----Arochlor-1221	410.	U
11141-16-5	-----Arochlor-1232	410.	U
53469-21-9	-----Arochlor-1242	410.	U
12672-29-6	-----Arochlor-1248	410.	U
11097-69-1	-----Arochlor-1254	410.	U
11096-82-5	-----Arochlor-1260	1500.	

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PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

COMP150/995-997

La[illegible]b Name: AES   Contract:

Lab Code: AES   Case No.: GE9924   SAS No.:   SDG No.: COMP136/1003-1005

M[illegible]trix: (soil/water) SOIL   Lab Sample ID: COMP150/995-997

Sample wt/vol: 30.0 (g/mL) G   Lab File ID: 990818 K01

Level: (low/med) LOW   Date Received: 8/18/99

% Moisture: not dec. 19.   dec.______   Date Extracted: 8/18/99

Extraction: (SepF/Cont/Sonc) SONC   Date Analyzed: 8/18/99

G[illegible]C Cleanup: (Y/N) N   pH: 8.1   Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	41.	U
11104-28-2	-----Arochlor-1221	41.	U
11141-16-5	-----Arochlor-1232	41.	U
53469-21-9	-----Arochlor-1242	41.	U
12672-29-6	-----Arochlor-1248	41.	U
11097-69-1	-----Arochlor-1254	41.	U
11096-82-5	-----Arochlor-1260	5.0	~~J DNC~~ JN

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EPA SAMPLE NO.

COMP153/995-997

Lab Name: AES   Contract:

Lab Code: AES   Case No.: GE9924   SAS No.:SDG No.: COMP136/1003-1005 COMP13

Matrix: (soil/water) SOIL   Lab Sample ID: COMP153/995-997

Sample wt/vol: 30.0 (g/mL) G   Lab File ID: 990817 AF01

Level: (low/med) LOW   Date Received: 8/17/99

% Moisture: not dec. 17. dec.______   Date Extracted: 8/17/99

Extraction: (SepF/Cont/Sonc) SONC   Date Analyzed: 8/17/99

GPC Cleanup: (Y/N) N   pH: 8.1   Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	40.	U
11104-28-2	-----Arochlor-1221	40.	U
11141-16-5	-----Arochlor-1232	40.	U
53469-21-9	-----Arochlor-1242	40.	U
12672-29-6	-----Arochlor-1248	40.	U
11097-69-1	-----Arochlor-1254	40.	U
11096-82-5	-----Arochlor-1260	3.7	~~J DNC~~ JN

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EPA SAMPLE NO.

COMP154/997-999

a Name: AES   Contract:

ab Code: AES   Case No.: GE9924   SAS No.:   SDG No.: COMP136/1003-1005 COMP1

a rix: (soil/water) SOIL   Lab Sample ID: COMP154/997-999

ample wt/vol: 30.0 (g/mL) G   Lab File ID: 990817 AF02

e el: (low/med) LOW   Date Received: 8/17/99

oisture: not dec. 16.   dec.______   Date Extracted: 8/17/99

xtraction: (SepF/Cont/Sonc) SONC   Date Analyzed: 8/17/99

P Cleanup: (Y/N) N   pH: 8.1   Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	40.	U
11104-28-2	-----Arochlor-1221	40.	U
11141-16-5	-----Arochlor-1232	40.	U
53469-21-9	-----Arochlor-1242	40.	U
12672-29-6	-----Arochlor-1248	40.	U
11097-69-1	-----Arochlor-1254	40.	U
11096-82-5	-----Arochlor-1260	5.9	~~J DNC~~ JN

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EPA SAMPLE NO.

COMP155/999-1001

Lab Name: AES Contract:

Lab Code: AES Case No.: GE9924 SAS No.: SDG No.: COMP136/1003-1005

Matrix: (soil/water) SOIL Lab Sample ID: COMP155/999-1001

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 990817 AF03

Level: (low/med) LOW Date Received: 8/17/99

% Moisture: not dec. 29. dec.______ Date Extracted: 8/17/99

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 8/17/99

GPC Cleanup: (Y/N) N pH: 7.4 Dilution Factor: 4.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	190.	U
11104-28-2	-----Arochlor-1221	190.	U
11141-16-5	-----Arochlor-1232	190.	U
53469-21-9	-----Arochlor-1242	190.	U
12672-29-6	-----Arochlor-1248	190.	U
11097-69-1	-----Arochlor-1254	190.	U
11096-82-5	-----Arochlor-1260	740.	

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EPA SAMPLE NO.

COMP156/999-1001

Lab Name: AES Contract:

Lab Code: AES Case No.: GE9924 SAS No.: SDG No.: COMP136/1003-1005

Matrix: (soil/water) SOIL Lab Sample ID: COMP156/999-1001

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 990817 AF04

Level: (low/med) LOW Date Received: 8/17/99

% Moisture: not dec. 32. dec.______ Date Extracted: 8/17/99

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 8/17/99

GPC Cleanup: (Y/N) N pH: 7.5 Dilution Factor: 4.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	200.	U
11104-28-2	-----Arochlor-1221	200.	U
11141-16-5	-----Arochlor-1232	200.	U
53469-21-9	-----Arochlor-1242	200.	U
12672-29-6	-----Arochlor-1248	200.	U
11097-69-1	-----Arochlor-1254	200.	U
11096-82-5	-----Arochlor-1260	1500.	

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EPA SAMPLE NO.

COMP151/997-999

o Name: AES   Contract:

o Code: AES   Case No.: GE9928   SAS No.:   SDG No.: COMP151/997-999

trix: (soil/water) SOIL   Lab Sample ID: COMP151/997-999

m le wt/vol: 30.0 (g/mL) G   Lab File ID: 990818 K02

vel: (low/med) LOW   Date Received: 8/18/99

Moisture: not dec. 14. dec.______   Date Extracted: 8/18/99

t action: (SepF/Cont/Sonc) SONC   Date Analyzed: 8/18/99

'C Cleanup: (Y/N) N   pH: 8.2   Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	39.	U
11104-28-2	-----Arochlor-1221	39.	U
11141-16-5	-----Arochlor-1232	39.	U
53469-21-9	-----Arochlor-1242	39.	U
12672-29-6	-----Arochlor-1248	39.	U
11097-69-1	-----Arochlor-1254	39.	U
11096-82-5	-----Arochlor-1260	39.	U

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EPA SAMPLE NO.

COMP152/999-1001

a Name: AES Contract:

a Code: AES Case No.: GE9928 SAS No.: SDG No.: COMP151/997-999

atrix: (soil/water) SOIL Lab Sample ID: COMP152/999-1001

a ple wt/vol: 30.0 (g/mL) G Lab File ID: 990818 K03

evel: (low/med) LOW Date Received: 8/18/99

Moisture: not dec. 16. dec._____ Date Extracted: 8/18/99

raction: (SepF/Cont/Sonc) SONC Date Analyzed: 8/18/99

PC Cleanup: (Y/N) N pH: 8.1 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	40.	U
11104-28-2	-----Arochlor-1221	40.	U
11141-16-5	-----Arochlor-1232	40.	U
53469-21-9	-----Arochlor-1242	40.	U
12672-29-6	-----Arochlor-1248	40.	U
11097-69-1	-----Arochlor-1254	40.	U
11096-82-5	-----Arochlor-1260	34.	J

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PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

COMP157/998-1000

ab Name: AES   Contract:

b Code: AES   Case No.: GE9928   SAS No.:   SDG No.: COMP151/997-999

atrix: (soil/water) SOIL   Lab Sample ID: COMP157/998-1000

mple wt/vol: 30.0 (g/mL) G   Lab File ID: 990818 K04

evel: (low/med) LOW   Date Received: 8/18/99

Moisture: not dec. 24. dec.______   Date Extracted: 8/18/99

traction: (SepF/Cont/Sonc) SONC   Date Analyzed: 8/18/99

PC Cleanup: (Y/N) N   pH: 7.3   Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	44.	U
11104-28-2	-----Arochlor-1221	44.	U
11141-16-5	-----Arochlor-1232	44.	U
53469-21-9	-----Arochlor-1242	44.	U
12672-29-6	-----Arochlor-1248	44.	U
11097-69-1	-----Arochlor-1254	44.	U
11096-82-5	-----Arochlor-1260	3.6	~~J DNC~~ JN

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PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

COMP160/999-1001

b Name: AES Contract:

b Code: AES Case No.: GE9928 SAS No.: SDG No.: COMP151/997-999

trix: (soil/water) SOIL Lab Sample ID: COMP160/999-1001

ple wt/vol: 30.0 (g/mL) G Lab File ID: 990818 K07

vel: (low/med) LOW Date Received: 8/18/99

oisture: not dec. 19. dec.______ Date Extracted: 8/18/99

action: (SepF/Cont/Sonc) SONC Date Analyzed: 8/18/99

C Cleanup: (Y/N) N pH: 7.8 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	41.	U
11104-28-2	-----Arochlor-1221	41.	U
11141-16-5	-----Arochlor-1232	41.	U
53469-21-9	-----Arochlor-1242	41.	U
12672-29-6	-----Arochlor-1248	41.	U
11097-69-1	-----Arochlor-1254	41.	U
11096-82-5	-----Arochlor-1260	61.	

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PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

COMP162/1001-1003

ab Name: AES   Contract:

a Code: AES   Case No.: GE9928   SAS No.:   SDG No.: COMP151/997-999

atrix: (soil/water) SOIL   Lab Sample ID: COMP162/1001-1003

a ple wt/vol: 30.0 (g/mL) G   Lab File ID: 990818 K08

evel: (low/med) LOW   Date Received: 8/18/99

Moisture: not dec. 25. dec.______   Date Extracted: 8/18/99

xraction: (SepF/Cont/Sonc) SONC   Date Analyzed: 8/18/99

PC Cleanup: (Y/N) N   pH: 7.3   Dilution Factor: 4.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	180.	U
11104-28-2	-----Arochlor-1221	180.	U
11141-16-5	-----Arochlor-1232	180.	U
53469-21-9	-----Arochlor-1242	180.	U
12672-29-6	-----Arochlor-1248	180.	U
11097-69-1	-----Arochlor-1254	180.	U
11096-82-5	-----Arochlor-1260	200.	

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PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

COMP165/999-1001

ab Name: AES Contract:

al Code: AES Case No.: GE9928 SAS No.: SDG No.: COMP151/997-999

atrix: (soil/water) SOIL Lab Sample ID: COMP165/999-1001

a ple wt/vol: 30.0 (g/mL) G Lab File ID: 990818 AR02

evel: (low/med) LOW Date Received: 8/18/99

oisture: not dec. 16. dec.______ Date Extracted: 8/18/99

x raction: (SepF/Cont/Sonc) SONC Date Analyzed: 8/18/99

PC Cleanup: (Y/N) N pH: 7.3 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	40.	U
11104-28-2	-----Arochlor-1221	40.	U
11141-16-5	-----Arochlor-1232	40.	U
53469-21-9	-----Arochlor-1242	40.	U
12672-29-6	-----Arochlor-1248	40.	U
11097-69-1	-----Arochlor-1254	40.	U
11096-82-5	-----Arochlor-1260	82.	

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PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

COMP166/997-999

Lab Name: AES Contract:

Lab Code: AES Case No.: GE9928 SAS No.: SDG No.: COMP151/997-999

Matrix: (soil/water) SOIL Lab Sample ID: COMP166/997-99

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 990818 AR03

Level: (low/med) LOW Date Received: 8/18/99

% Moisture: not dec. 15. dec._____ Date Extracted: 8/18/99

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 8/18/99

GPC Cleanup: (Y/N) N pH: 8.1 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	39.	U
11104-28-2	-----Arochlor-1221	39.	U
11141-16-5	-----Arochlor-1232	39.	U
53469-21-9	-----Arochlor-1242	39.	U
12672-29-6	-----Arochlor-1248	39.	U
11097-69-1	-----Arochlor-1254	39.	U
11096-82-5	-----Arochlor-1260	8.1	~~J DNC~~ JN

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PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

COMP167/995-997

a Name: AES Contract:

a Code: AES Case No.: GE9928 SAS No.: SDG No.: COMP151/997-999

atrix: (soil/water) SOIL Lab Sample ID: COMP167/995-997

a ple wt/vol: 30.0 (g/mL) G Lab File ID: 990818 AR04

evel: (low/med) LOW Date Received: 8/18/99

oisture: not dec. 16. dec.______ Date Extracted: 8/18/99

xtraction: (SepF/Cont/Sonc) SONC Date Analyzed: 8/19/99

PC Cleanup: (Y/N) N pH: 8.0 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	40.	U
11104-28-2	-----Arochlor-1221	40.	U
11141-16-5	-----Arochlor-1232	40.	U
53469-21-9	-----Arochlor-1242	40.	U
12672-29-6	-----Arochlor-1248	40.	U
11097-69-1	-----Arochlor-1254	40.	U
11096-82-5	-----Arochlor-1260	110.	

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PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

COMP169/1001-1000

a Name: AES Contract:

a Code: AES Case No.: GE9928 SAS No.: SDG No.: COMP151/997-999

atrix: (soil/water) SOIL Lab Sample ID: COMP169/1001-1000

a ple wt/vol: 30.0 (g/mL) G Lab File ID: 990820 H01

evel: (low/med) LOW Date Received: 8/20/99

oisture: not dec. 19. dec.______ Date Extracted: 8/20/99

raction: (SepF/Cont/Sonc) SONC Date Analyzed: 8/20/99

PC Cleanup: (Y/N) N pH: 7.9 Dilution Factor: 40.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	1600.	U
11104-28-2	-----Arochlor-1221	1600.	U
11141-16-5	-----Arochlor-1232	1600.	U
53469-21-9	-----Arochlor-1242	1600.	U
12672-29-6	-----Arochlor-1248	1600.	U
11097-69-1	-----Arochlor-1254	1600.	U
11096-82-5	-----Arochlor-1260	3600.	

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PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

COMP170/1001-1000

Name: AES Contract:

Code: AES Case No.: GE9928 SAS No.: SDG No.: COMP151/997-999

atrix: (soil/water) SOIL Lab Sample ID: COMP170/1001-1000

ple wt/vol: 30.0 (g/mL) G Lab File ID: 990820 H02

evel: (low/med) LOW Date Received: 8/20/99

Moisture: not dec. 14. dec.______ Date Extracted: 8/20/99

xtraction: (SepF/Cont/Sonc) SONC Date Analyzed: 8/20/99

C Cleanup: (Y/N) N pH: 7.8 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	39.	U
11104-28-2	-----Arochlor-1221	39.	U
11141-16-5	-----Arochlor-1232	39.	U
53469-21-9	-----Arochlor-1242	39.	U
12672-29-6	-----Arochlor-1248	39.	U
11097-69-1	-----Arochlor-1254	39.	U
11096-82-5	-----Arochlor-1260	39.	U

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PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

COMP173/995-997

a Name: AES   Contract:

a Code: AES   Case No.: GE9928   SAS No.:   SDG No.: COMP151/997-999

atrix: (soil/water) SOIL   Lab Sample ID: COMP173/995-997

a ple wt/vol: 30.0 (g/mL) G   Lab File ID: 990820 H03

evel: (low/med) LOW   Date Received: 8/20/99

loisture: not dec. 20. dec.______   Date Extracted: 8/20/99

xtraction: (SepF/Cont/Sonc) SONC   Date Analyzed: 8/20/99

I Cleanup: (Y/N) N   pH: 7.9   Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	42.	U
11104-28-2	-----Arochlor-1221	42.	U
11141-16-5	-----Arochlor-1232	42.	U
53469-21-9	-----Arochlor-1242	42.	U
12672-29-6	-----Arochlor-1248	42.	U
11097-69-1	-----Arochlor-1254	42.	U
11096-82-5	-----Arochlor-1260	21.	J

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PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

COMP174/997-999

Name: AES Contract:

b Code: AES Case No.: GE9928 SAS No.: SDG No.: COMP151/997-999

rix: (soil/water) SOIL Lab Sample ID: COMP174/997-999

ple wt/vol: 30.0 (g/mL) G Lab File ID: 990820 H04

vel: (low/med) LOW Date Received: 8/20/99

oisture: not dec. 23. dec.______ Date Extracted: 8/20/99

traction: (SepF/Cont/Sonc) SONC Date Analyzed: 8/20/99

Cleanup: (Y/N) N pH: 7.7 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	43.	U
11104-28-2	-----Arochlor-1221	43.	U
11141-16-5	-----Arochlor-1232	43.	U
53469-21-9	-----Arochlor-1242	43.	U
12672-29-6	-----Arochlor-1248	43.	U
11097-69-1	-----Arochlor-1254	43.	U
11096-82-5	-----Arochlor-1260	130.	

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PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

COMP176/995-997

b Name: AES Contract:

b Code: AES Case No.: GE9932 SAS No.: SDG No.: COMP176/995-997

t ix: (soil/water) SOIL Lab Sample ID: COMP176/995-997

m le wt/vol: 30.0 (g/mL) G Lab File ID: 990820 AL01

vel: (low/med) LOW Date Received: 8/20/99

M isture: not dec. 17. dec.______ Date Extracted: 8/20/99

traction: (SepF/Cont/Sonc) SONC Date Analyzed: 8/20/99

C Cleanup: (Y/N) N pH: 8.0 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	40.	U
11104-28-2	-----Arochlor-1221	40.	U
11141-16-5	-----Arochlor-1232	40.	U
53469-21-9	-----Arochlor-1242	40.	U
12672-29-6	-----Arochlor-1248	40.	U
11097-69-1	-----Arochlor-1254	40.	U
11096-82-5	-----Arochlor-1260	240.	

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PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

COMP177/997-999

a Name: AES   Contract:

ab Code: AES   Case No.: GE9932   SAS No.:   SDG No.: COMP176/995-997

a rix: (soil/water) SOIL   Lab Sample ID: COMP177/997-999

a ple wt/vol: 30.0 (g/mL) G   Lab File ID: 990820 AL02

evel: (low/med) LOW   Date Received: 8/20/99

oisture: not dec. 19. dec.______   Date Extracted: 8/20/99

xtraction: (SepF/Cont/Sonc) SONC   Date Analyzed: 8/20/99

? Cleanup: (Y/N) N   pH: 7.8   Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	41.	U
11104-28-2	-----Arochlor-1221	41.	U
11141-16-5	-----Arochlor-1232	41.	U
53469-21-9	-----Arochlor-1242	41.	U
12672-29-6	-----Arochlor-1248	41.	U
11097-69-1	-----Arochlor-1254	41.	U
11096-82-5	-----Arochlor-1260	280.	

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PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

COMP179/1001-1003

a Name: AES   Contract:

ab Code: AES   Case No.: GE9932   SAS No.:   SDG No.: COMP176/995-997

a rix: (soil/water) SOIL   Lab Sample ID: COMP179/1001-1003

ample wt/vol: 30.0 (g/mL) G   Lab File ID: 990820 AL04

evel: (low/med) LOW   Date Received: 8/20/99

oisture: not dec. 15. dec.______   Date Extracted: 8/20/99

xtraction: (SepF/Cont/Sonc) SONC   Date Analyzed: 8/21/99

P Cleanup: (Y/N) N   pH: 7.7   Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	39.	U
11104-28-2	-----Arochlor-1221	39.	U
11141-16-5	-----Arochlor-1232	39.	U
53469-21-9	-----Arochlor-1242	39.	U
12672-29-6	-----Arochlor-1248	39.	U
11097-69-1	-----Arochlor-1254	39.	U
11096-82-5	-----Arochlor-1260	8.6	~~J DNC~~ JD

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EPA SAMPLE NO.

COMP180/1003-1005

b Name: AES Contract:

b Code: AES Case No.: GE9932 SAS No.: SDG No.: COMP176/995-997

trix: (soil/water) SOIL Lab Sample ID: COMP180/1003-1005

m le wt/vol: 30.0 (g/mL) G Lab File ID: 990820 AL05

vel: (low/med) LOW Date Received: 8/20/99

M isture: not dec. 18. dec.______ Date Extracted: 8/20/99

traction: (SepF/Cont/Sonc) SONC Date Analyzed: 8/20/99

C Cleanup: (Y/N) N pH: 7.6 Dilution Factor: 5.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	200.	U
11104-28-2	-----Arochlor-1221	200.	U
11141-16-5	-----Arochlor-1232	200.	U
53469-21-9	-----Arochlor-1242	200.	U
12672-29-6	-----Arochlor-1248	200.	U
11097-69-1	-----Arochlor-1254	200.	U
11096-82-5	-----Arochlor-1260	220.	

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PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

COMP181/1005-1006

a Name: AES Contract:

ab Code: AES Case No.: GE9932 SAS No.: SDG No.: COMP176/995-997

atrix: (soil/water) SOIL Lab Sample ID: COMP181/1005-1006

a ple wt/vol: 30.0 (g/mL) G Lab File ID: 990820 AL06

evel: (low/med) LOW Date Received: 8/20/99

oisture: not dec. 13. dec.______ Date Extracted: 8/20/99

xtraction: (SepF/Cont/Sonc) SONC Date Analyzed: 8/20/99

PC Cleanup: (Y/N) N pH: 7.9 Dilution Factor: 5.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	95.	U
11104-28-2	-----Arochlor-1221	95.	U
11141-16-5	-----Arochlor-1232	95.	U
53469-21-9	-----Arochlor-1242	95.	U
12672-29-6	-----Arochlor-1248	95.	U
11097-69-1	-----Arochlor-1254	95.	U
11096-82-5	-----Arochlor-1260	160.	

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PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

COMP182/1001-1003

b Name: AES Contract:

b Code: AES Case No.: GE9932 SAS No.: SDG No.: COMP176/995-997

trix: (soil/water) SOIL Lab Sample ID: COMP182/1001-1003

m le wt/vol: 30.0 (g/mL) G Lab File ID: 990820 AL07

vel: (low/med) LOW Date Received: 8/20/99

M isture: not dec. 19. dec.______ Date Extracted: 8/20/99

traction: (SepF/Cont/Sonc) SONC Date Analyzed: 8/21/99

C Cleanup: (Y/N) N pH: 7.8 Dilution Factor: 5.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	210.	U
11104-28-2	-----Arochlor-1221	210.	U
11141-16-5	-----Arochlor-1232	210.	U
53469-21-9	-----Arochlor-1242	210.	U
12672-29-6	-----Arochlor-1248	210.	U
11097-69-1	-----Arochlor-1254	210.	U
11096-82-5	-----Arochlor-1260	810.	

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PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

COMP183/1003-1005

a Name: AES Contract:

ab Code: AES Case No.: GE9932 SAS No.: SDG No.: COMP176/995-997

atrix: (soil/water) SOIL Lab Sample ID: COMP183/1003-1005

a ple wt/vol: 30.0 (g/mL) G Lab File ID: 990820 AL08

evel: (low/med) LOW Date Received: 8/20/99

oisture: not dec. 9. dec.______ Date Extracted: 8/20/99

xtraction: (SepF/Cont/Sonc) SONC Date Analyzed: 8/21/99

P Cleanup: (Y/N) N pH: 8.3 Dilution Factor: 5.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	180.	U
11104-28-2	-----Arochlor-1221	180.	U
11141-16-5	-----Arochlor-1232	180.	U
53469-21-9	-----Arochlor-1242	180.	U
12672-29-6	-----Arochlor-1248	180.	U
11097-69-1	-----Arochlor-1254	180.	U
11096-82-5	-----Arochlor-1260	1400.	

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PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

COMP187/1003-1005

al Name: AES Contract:

ab Code: AES Case No.: GE9932 SAS No.: SDG No.: COMP176/995-997

atrix: (soil/water) SOIL Lab Sample ID: COMP187/1003-1005

ample wt/vol: 30.0 (g/mL) G Lab File ID: 990820 AL12

evel: (low/med) LOW Date Received: 8/20/99

oisture: not dec. 11. dec.______ Date Extracted: 8/20/99

xtraction: (SepF/Cont/Sonc) SONC Date Analyzed: 8/21/99

PC Cleanup: (Y/N) N pH: 8.0 Dilution Factor: 10.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	370.	U
11104-28-2	-----Arochlor-1221	370.	U
11141-16-5	-----Arochlor-1232	370.	U
53469-21-9	-----Arochlor-1242	370.	U
12672-29-6	-----Arochlor-1248	370.	U
11097-69-1	-----Arochlor-1254	370.	U
11096-82-5	-----Arochlor-1260	1800.	

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PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

COMP188/1001-1002

a Name: AES Contract:

a Code: AES Case No.: GE9932 SAS No.: SDG No.: COMP176/995-997

atrix: (soil/water) SOIL Lab Sample ID: COMP188/1001-1002

a ple wt/vol: 30.0 (g/mL) G Lab File ID: 990821 A01

evel: (low/med) LOW Date Received: 8/21/99

oisture: not dec. 20. dec.______ Date Extracted: 8/21/99

xtraction: (SepF/Cont/Sonc) SONC Date Analyzed: 8/21/99

PC Cleanup: (Y/N) N pH: 7.5 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	42.	U
11104-28-2	-----Arochlor-1221	42.	U
11141-16-5	-----Arochlor-1232	42.	U
53469-21-9	-----Arochlor-1242	42.	U
12672-29-6	-----Arochlor-1248	42.	U
11097-69-1	-----Arochlor-1254	42.	U
11096-82-5	-----Arochlor-1260	42.	U

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PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

COMP189/1003-1005

b Name: AES Contract:

b Code: AES Case No.: GE9932 SAS No.: SDG No.: COMP176/995-997

trix: (soil/water) SOIL Lab Sample ID: COMP189/1003-1005

m le wt/vol: 30.0 (g/mL) G Lab File ID: 990821 V01

vel: (low/med) LOW Date Received: 8/23/99

M isture: not dec. 13. dec.______ Date Extracted: 8/23/99

traction: (SepF/Cont/Sonc) SONC Date Analyzed: 8/23/99

C Cleanup: (Y/N) N pH: 6.7 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	38.	U
11104-28-2	-----Arochlor-1221	38.	U
11141-16-5	-----Arochlor-1232	38.	U
53469-21-9	-----Arochlor-1242	38.	U
12672-29-6	-----Arochlor-1248	38.	U
11097-69-1	-----Arochlor-1254	30.	J
11096-82-5	-----Arochlor-1260	33.	J

FORM I PEST 1/87 Rev.

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

COMP191/995-997

al Name: AES   Contract:

ab Code: AES   Case No.: GE9932   SAS No.:   SDG No.: COMP176/995-997

atrix: (soil/water) SOIL   Lab Sample ID: COMP191/995-997

ample wt/vol: 30.0 (g/mL) G   Lab File ID: 990820 AL13

evel: (low/med) LOW   Date Received: 8/20/99

oisture: not dec. 20.   dec.______   Date Extracted: 8/20/99

xtraction: (SepF/Cont/Sonc) SONC   Date Analyzed: 8/21/99

PC Cleanup: (Y/N) N   pH: 7.3   Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	42.	U
11104-28-2	-----Arochlor-1221	42.	U
11141-16-5	-----Arochlor-1232	42.	U
53469-21-9	-----Arochlor-1242	42.	U
12672-29-6	-----Arochlor-1248	42.	U
11097-69-1	-----Arochlor-1254	42.	U
11096-82-5	-----Arochlor-1260	42.	U

FORM I PEST   1/87 Rev.

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

COMP192/999-1001

a Name: AES   Contract:

a Code: AES   Case No.: GE9932   SAS No.:   SDG No.: COMP176/995-997

atrix: (soil/water) SOIL   Lab Sample ID: COMP192/999-1001

a ple wt/vol: 30.0 (g/mL) G   Lab File ID: 990820 AL14

evel: (low/med) LOW   Date Received: 8/20/99

oisture: not dec. 21. dec.______   Date Extracted: 8/20/99

xtraction: (SepF/Cont/Sonc) SONC   Date Analyzed: 8/21/99

PC Cleanup: (Y/N) N   pH: 7.5   Dilution Factor: 2.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	-----Arochlor-1016	84.	U
11104-28-2	-----Arochlor-1221	84.	U
11141-16-5	-----Arochlor-1232	84.	U
53469-21-9	-----Arochlor-1242	84.	U
12672-29-6	-----Arochlor-1248	84.	U
11097-69-1	-----Arochlor-1254	84.	U
11096-82-5	-----Arochlor-1260	360.	

Appendix E

BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Laboratory Analytical Data for Water and Frac-Tank Residuals Sampling

BLASLAND, BOUCK & LEE, INC.
engineers & scientists

REQUEST FOR SAMPLING

TO: Files
FROM: Bruce Eulian
RE: Allendale School; Sediment from Frac Tank #1; Sediment Pile Sampling Program

DATE: January 5, 2000
FILE NO.: 201.84.004

INITIATOR: Dick Gates (GE)

DATE: 11/01/99

LOCATION: Hill 78

CONTACT PERSON: Dick Gates (GE) **EXT:** 2176

ITEM DESCRIPTION:

1.) Sediment

PURPOSE: To collect a field composite sample at G.E.'s request for disposal classification of the sediment which collected in frac tank #1 from the pumping of groundwater during the Allendale School excavation activities.

NOTES:

1.) Two (2) field composite samples are to be collected from the sediment pile, which originated from frac tank #1, and submitted for PCB analysis.

2.) The above two(2) field composite samples were collected as per Richard Gates.

3.) GE requests that CT&E Charleston, WV perform the analyses.

RTS
January 5, 2000
(c)

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

SAMPLING PROGRAM FIELD SUMMARY

TO:	Files	**DATE:**	January 5, 2000
FROM:	Bruce Eulian	**FILE NO.:**	201.84.004
RE:	Allendale School; Sediment from Frac Tank #1; Sediment Pile Sampling Program	**cc:**	Dick Gates (GE)

The following is a summary of the sampling program conducted 11/01/99 on the sediment pile which originated from frac tank #1:

At the request of Dick Gates (GE) the following sampling program was implemented:

- Two (2) field composite samples were collected from the sediment pile and were submitted for PCB analysis as per Richard Gates.

Note:

The samples were collected with a stainless steel scoop.

A summary table of the sampling program has been included (Table 1) along with a drawing showing the soil pile location (Figure 1). Analytical results provided by CT&E Environmental Services Charleston, WV (Attachment 1) along with a copy of the chains of custody that accompanied the samples (Attachment 2) have been included.

Rls
January 5, 2000
finsum97\9414071d.eum (V)

BLASLAND, BOUCK & LEE, INC.
engineers & scientists

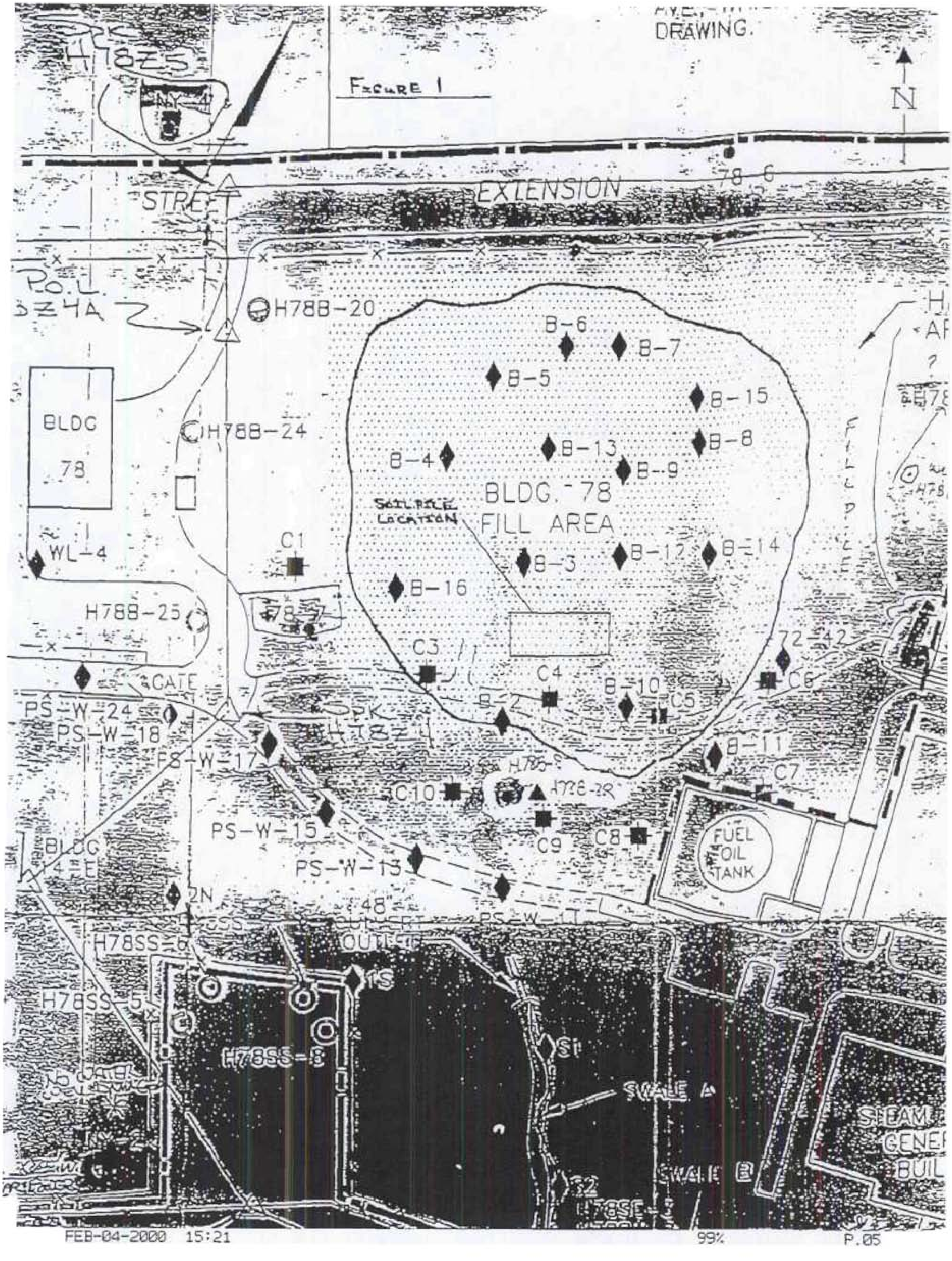
ALLENDALE SCHOOL SEDIMENT FROM FRAC TANK #1SEDIMENT PILE SAMPLING

(201.84.004)

(Table 1)

LAB ID	SAMPLE DATE	PCB (ppm)	SAMPLE MATERIAL	SAMPLE TYPE
ALLEN-TANK-1-COMP-1	11/1/99	2.05	SEDIMENT	FIELD-COMPOSITE
ALLEN-TANK-1-COMP-2	11/1/99	1.17	SEDIMENT	FIELD-COMPOSITE

PF
January 5 2000
C:\WPWIN\FINSUM99\84004FTS.TBL


DRAWING.
FIGURE 1
N
STREET
EXTENSION
78-6
H78B-20
H78B-24
BLDG 78
BLDG. 78
FILL AREA
SOIL PILE
LOCATION
B-6
B-7
B-5
B-15
B-8
B-13
B-4
B-9
B-12
B-14
B-3
B-16
B-10
B-2
B-11
C1
C3
C4
C5
C6
C7
C8
C9
C10
72-42
WL-4
H78B-25
GATE
PS-W-24
PS-W-18
PS-W-17
PS-W-15
PS-W-13
PS-W-11
BLDG
14-E
2N
48"
CULVERT
OUTLET
H78SS-6
H78SS-5
H78SS-8
FUEL
OIL
TANK
SWALE A
SWALE B
S1
S2

Attachment 1

CT&E Environmental Services Inc: Charleston, WV

Laboratory Delivery Group: 9K0P025 11/09/99 17:08:43 Received: 11/03/99 9:10

ALLENDALE SCHOOL SEDIMENT FROM FRAT-TANK #1

Client: BLASLAND, BOUCK & LEE, INC COC: CTE1103991014

Collected: 11/01/99 Prepared: 11/05/99 (16850) Analyzed: 11/08/99 12:44 kpp (16954) Ref: 8082
Analytical Run: 001 Method Queue: PCB SOIL | Recovery | | F
ALLEN-TANK-1-COMP-1 Dilution Factor: 5.00 %Solid: 74 | Acceptance | | Spike |
0.00 - 0.00 Feet

9K0P025001 PCB-S-8082-001	Result:		QF:	Units:	Low:	High:	PRQL:	Amount:	CAS:
Analyte.... AROCLOR-1016	ND	.22	U	mg/Kg			*.22		12674-11-2
Analyte.... AROCLOR-1221	ND	.22	U	mg/Kg			*.22		11104-28-2
Analyte.... AROCLOR-1232	ND	.22	U	mg/Kg			*.22		11141-16-5
Analyte.... AROCLOR-1242	<Hit>	.35		mg/Kg			*.22		53469-21-9
Analyte.... AROCLOR-1248	ND	.22	U	mg/Kg			*.22		12672-29-6
Analyte.... AROCLOR-1254	ND	.22	U	mg/Kg			*.22		11097-69-1
Analyte.... AROCLOR-1260	<Hit>	1.7		mg/Kg			*.22		11096-82-5

Collected: 11/01/99 Prepared: 11/05/99 (16850) Analyzed: 11/08/99 15:50 kpp (16954) Ref: 8082
Analytical Run: 001 Method Queue: PCB SOIL | Recovery | | F
ALLEN-TANK-1-COMP-2 Dilution Factor: 1.00 %Solid: 78 | Acceptance | | Spike |
0.00 - 0.00 Feet

9K0P025002 PCB-S-8082-001	Result:		QF:	Units:	Low:	High:	PRQL:	Amount:	CAS:
Analyte.... AROCLOR-1016	ND	.043	U	mg/Kg			*.043		12674-11-2
Analyte.... AROCLOR-1221	ND	.043	U	mg/Kg			*.043		11104-28-2
Analyte.... AROCLOR-1232	ND	.043	U	mg/Kg			*.043		11141-16-5
Analyte.... AROCLOR-1242	<Hit>	.18		mg/Kg			*.043		53469-21-9
Analyte.... AROCLOR-1248	ND	.043	U	mg/Kg			*.043		12672-29-6
Analyte.... AROCLOR-1254	ND	.043	U	mg/Kg			*.043		11097-69-1
Analyte.... AROCLOR-1260	<Hit>	.99		mg/Kg			*.043		11096-82-5

Collected: 11/01/99 Prepared: 11/05/99 (16850) Analyzed: 11/08/99 13:01 kpp (16954) Ref: 8082
Analytical Run: 001 Method Queue: PCB SOIL | Recovery | | F
ALLEN-TANK-1-COMP-DUP-1 Dilution Factor: 1.00 %Solid: 78 | Acceptance | | Spike |
0.00 - 0.00 Feet

9K0P025005 PCB-S-8082-001	Result:		QF:	Units:	Low:	High:	PRQL:	Amount:	CAS:
Analyte.... AROCLOR-1016	ND	.043	U	mg/Kg			*.043		12674-11-2
Analyte.... AROCLOR-1221	ND	.043	U	mg/Kg			*.043		11104-28-2
Analyte.... AROCLOR-1232	ND	.043	U	mg/Kg			*.043		11141-16-5
Analyte.... AROCLOR-1242	<Hit>	.18		mg/Kg			*.043		53469-21-9
Analyte.... AROCLOR-1248	ND	.043	U	mg/Kg			*.043		12672-29-6
Analyte.... AROCLOR-1254	ND	.043	U	mg/Kg			*.043		11097-69-1
Analyte.... AROCLOR-1260	<Hit>	1.6		mg/Kg			*.043		11096-82-5

99%

P.08

FEB-04-2000 15:22 98% P.09

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

6723 Towpath Road, P.O. Box 66
Syracuse, New York 13214-0066
TEL: (315) 446-9120

1 of 1

T99-KO PCBS-1/5

CHAIN OF CUSTODY RECORD

PROJ. NO. 24.94.CCH

PROJECT NAME ALLENDALE SCHOOL; SEDIMENT FROM FLAT TANK #1; SEDIMENT PILE SAMPLING PROGRAM

SAMPLERS: (Signature) [signature]

STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	[illegible]	PCBS	TOPs (MS/MSD)	TEMPERATURE				REMARKS
1	11/1/99	1400	X		ALLEN-TANK-1-COMP-1	1	X						
2/4	↓	1410	X		ALLEN-TANK-1-COMP-2	2	X	X					
3	↓	—	X		ALLEN-TANK-1-COMP-DUP-1	1	X						
	↓	—			TEMP BLANK	1			X				*(1) ONE WEEK TURN AROUND TIME AS PER JOHN NOVOTNY

Relinquished by: (Signature)	DATE	TIME	Received by: (Signature)	Relinquished by: (Signature)	DATE	TIME	Received by: (Signature)
[signature]	11/1/99	1700					
Relinquished by: (Signature)	**DATE**	**TIME**	**Received by:** (Signature)	**Relinquished by:** (Signature)	**DATE**		**Relinquished by:** (Signature)
	DATE	**TIME**	**Received for Laboratory by:** (Signature) [signature]	**DATE** 11-3	**TIME** 09:10	**Remarks:** SAMPLES TO CT+E CHARLESTON, WV 25311	

Distribution: Original Accompanies Shipment; Copy to Coordinator Field Files

Appendix F

BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Ambient Air Particulate Monitoring Report and Laboratory Analytical Data

AMBIENT AIR MONITORING
FOR
PARTICULATE MATTER
ALLENDALE SCHOOL
REMEDIATION SITE

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

Berkshire Environmental Consultants, Inc.

152 North Street • Suite 250 • Pittsfield, MA 01201 • (413) 443-0130 • Fax (413) 443-1297

AMBIENT AIR MONITORING FOR PARTICULATE MATTER ALLENDALE SCHOOL REMEDIATION SITE

GENERAL ELECTRIC COMPANY PITTSFIELD, MASSACHUSETTS

Prepared by

Berkshire Environmental Consultants, Inc.
152 North Street, Suite 250
Pittsfield, Massachusetts

February 2000

TABLE OF CONTENTS

PROJECT SUMMARY

Berkshire Environmental Consultants, Inc. (BEC) conducted an ambient air monitoring program for General Electric Company (GE) from July 19 through September 14, 1999. This program consisted of monitoring for particulate matter at Allendale School, which is located at 180 Connecticut Avenue, Pittsfield, Massachusetts. An additional monitor was placed off-site to obtain an ambient Pittsfield background concentration. The background site was located at 15 Longfellow Avenue from July 19 through August 12, 1999. From August 13 through the end of the project, the background site was located on Longview Terrace. Monitoring was conducted during remedial activities at the Allendale School site.

The particulate monitoring program was conducted using real-time particulate monitors. Monitoring was conducted daily for approximately ten hours per day. The ambient air monitoring program was conducted in accordance with BEC's Scope of Work for Ambient Air Particulate Monitoring During Remedial Action at Allendale School Property, Pittsfield, Massachusetts dated June 1999. One deviation from this Scope of Work was made for the meteorological monitoring portion of the program. Because the on-site weather station at the GE facility was inoperable during this monitoring program, weather data was obtained from a weather station at the Pittsfield Municipal Airport. On a number of days, the airport weather data was obviously erroneous, and are noted as "NA."

On July 19 and 20, 1999 three MIE pDR-1000 monitors were used and on July 21 through July 24 four pDR-1000 monitors were used at this site. For the remainder of the project, four particulate monitors were used at this site, two MIE DR-2000 monitors (located north and west of excavation) and two MIE pDR-1000 monitors (located east and south of excavation). The monitor at the background site was a MIE pDR-1000 throughout the monitoring program. On July 19 and 20, 1999 there was one monitor north of excavation, one monitor south of excavation, and one monitor west of excavation. For the remainder of the project, there was also a monitor placed east of excavation. An additional monitor was placed at an off-site location in Pittsfield to monitor background conditions. The results of the monitoring show that the average concentration during remediation north of excavation was 0.018 mg/m^3, east of excavation was 0.025 mg/m^3, south of excavation was 0.036 mg/m^3, and west of excavation was 0.023 mg/m^3. The average background concentration was 0.018 mg/m^3. The results of the particulate monitoring are summarized in Table 1 of this report.

1.0 INTRODUCTION

Berkshire Environmental Consultants, Inc. (BEC) was retained by General Electric Company (GE) to conduct ambient air sampling for particulate matter at Allendale School (DEP Site #1-0563R) which is located in Pittsfield, Massachusetts. The sampling described in this report was conducted from July 19 to September 14, 1999.

This ambient air sampling program was part of remediation activities at this site. The purpose of the sampling program was to obtain valid and representative data on ambient levels of particulate matter during remedial activities to ensure that the remediation was not causing an increase in ambient concentrations of particulates. The monitoring project was conducted in accordance with criteria set forth in the Scope of Work for Ambient Air Particulate Monitoring During Remedial Action at Allendale School Property, Pittsfield, Massachusetts, Berkshire Environmental Consultants, Inc., June 1999, (Appendix I). One deviation from this Scope of Work was made for the meteorological monitoring portion of the program. Because the on-site weather station at the GE facility was inoperable during this monitoring program, weather data was obtained from a weather station at the Pittsfield Municipal Airport. On a number of days, the airport weather data was obviously erroneous, and are noted as "NA."

This report provides results from the sampling conducted from July 19 through September 14, 1999. All field work and record keeping were completed by BEC, Pittsfield, Massachusetts.

This final report for the ambient air sampling presents a summary of all monitoring activities, analytical results, and quality assurance/quality control measures.

2.0 PARTICULATE MONITORING

2.1 Monitor Locations

On July 19 and 20, 1999 three MIE pDR-1000 monitors were used and on July 21 through July 24 four pDR-1000 monitors were used at this site. For the remainder of the project, four particulate monitors were used at this site, two MIE DR-2000 monitors (located north and west of excavation) and two MIE pDR-1000 monitors (located east and south of excavation). On July 19 and 20 there was one monitor north of excavation, one monitor south of excavation, and one monitor west of excavation. For the remainder of the project, there was also a monitor placed east of excavation. The monitors were placed approximately 3-6 feet above ground level depending on the monitor style. These particulate monitor site locations are identified in Figure 2.

An additional MIE pDR-1000 monitor was placed at an off-site location in Pittsfield to monitor background concentrations throughout the monitoring program. The background monitor was located at 15 Longfellow Avenue from July 19 through August 12, 1999, and on Longview Terrace from August 13 through September 14, 1999.

2.2 Monitoring Procedures

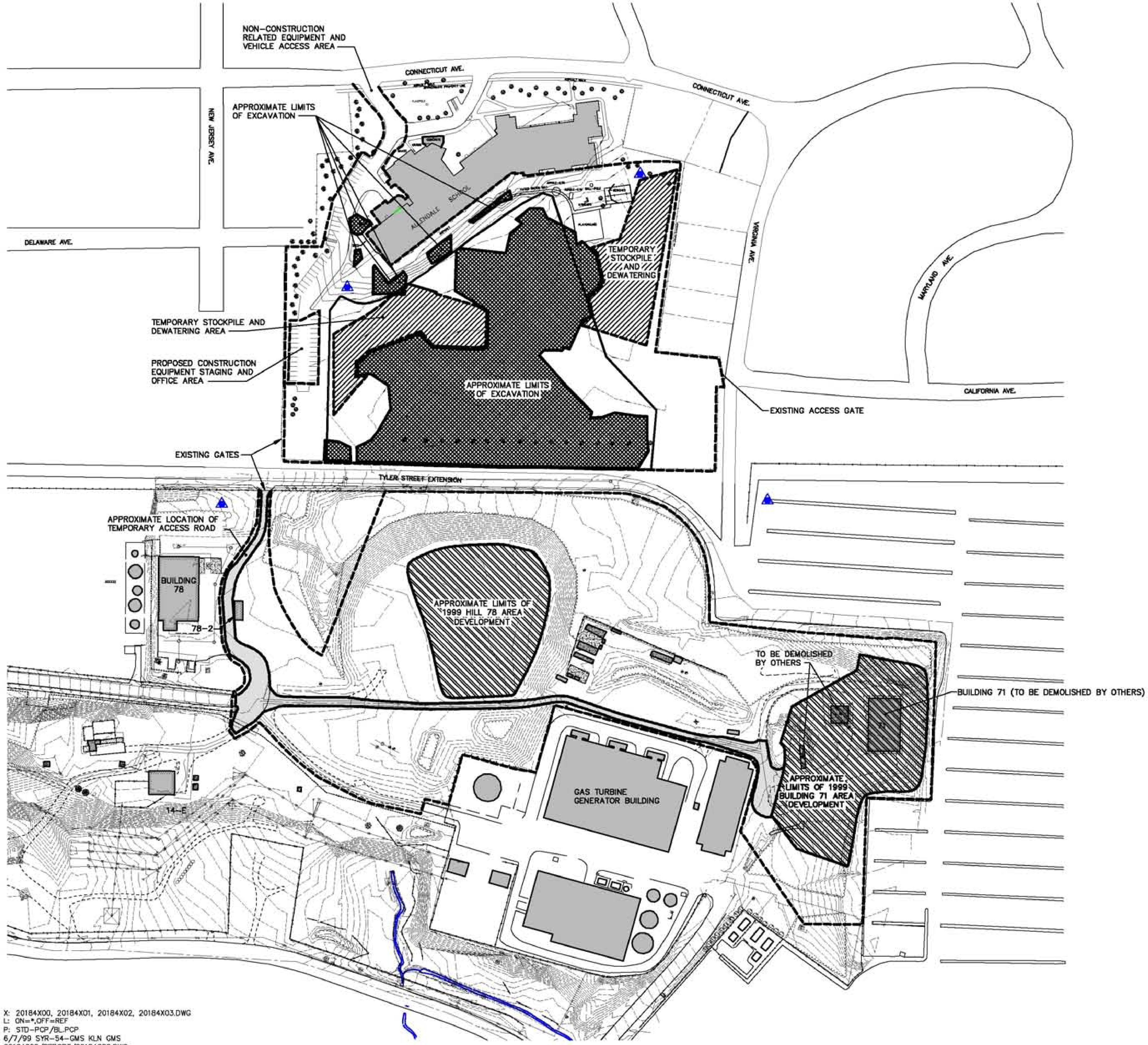
Monitoring for particulate matter was done on each day remediation activities were being conducted. Monitoring was conducted from approximately 7:00 a.m. to 5:00 p.m. each day for the duration of the project.

2.3 Analytical Procedures

Two MIE pDR-1000 real-time particulate monitors and two MIE DR-2000 real-time particulate monitors were used. Both types of monitors use a light scattering photometer to determine particle concentrations. The pDR-1000 uses a passive sampling technique and the DR-2000 pumps the sampled air through a sensing chamber. The DR-2000 also has a heated inlet probe to evaporate water that is adsorbed by particles under conditions of high humidity. The pDR-1000 has a measurement range of 0.001 to 400 mg/m^3. The DR 2000 has a measurement range of 0.0001 to 400 mg/m^3. Data were logged by the instrument's datalogger and averaged and recorded for each 10-hour day. For this project, BEC was required to send GE a written notification if the average daily particulate concentration exceeded 0.120 mg/m^3, selected at a level which is 80 percent of the level of the 24-hour National Ambient Air Quality Standard (NAAQS) for particulate matter of 0.150 mg/m^3 (as PM_{10}).

2.4 Analytical Results

The results of the monitoring found that the average concentration during remediation north of excavation was 0.018 mg/m^3, east of excavation was 0.025 mg/m^3, south of excavation was 0.036 mg/m^3, and west of excavation was 0.023 mg/m^3. The average background concentration was 0.018 mg/m^3. Table 1 shows the sampler location, average particulate concentration, average background concentration, average monitoring period and the predominant wind direction. On September 9, 1999, one monitor (placed south of excavation) recorded a daily average particulate concentration (0.121 mg/m^3) exceeding the notification level. Notification of the exceedance was subsequently provided to GE. This reading however is believed biased high due to high relative humidity. At no time did the average daily particulate concentration exceed the 24-hour average NAAQS for particulate matter of 0.150 mg/m^3.



LEGEND:

- EXISTING BUILDING OR STRUCTURE
- EXISTING ROADS
- APPROXIMATE LIMITS OF WORKING AREA (NOTE 9)
- EXISTING FENCE
- APPROXIMATE LIMITS OF EXCAVATION AREAS
- APPROXIMATE LIMITS OF CONSOLIDATION AREAS
- TEMPORARY ACCESS ROAD
- TEMPORARY STOCKPILE/DEWATERING AREA
- APPROXIMATE LOCATION OF AIR MONITORING STATIONS

NOTES:

1. MAPPING BASED ON AERIAL PHOTOGRAPHS AND PHOTOGRAMMETRIC MAPPING BY LOCKWOOD MAPPING, INC. –FLOWN IN APRIL 1990; DATA PROVIDED BY GENERAL ELECTRIC COMPANY: AND BLASLAND BOUCK & LEE, INC. (BBL) CONSTRUCTION PLANS, AND ON OBSERVATIONS DURING A SITE VISIT BY BBL PERSONNEL ON DECEMBER 3, 1997.
2. BASE MAP OF THE ALLENDALE SCHOOL PROPERTY SUPPLIED BY WHITE ENGINEERING, INC. DRAWING NO. L-5 "UTILITIES PLAN" DATED MARCH 5, 1997.
3. SITE BOUNDARIES AND WORKING LIMITS ARE APPROXIMATE. THE CONTRACTOR WILL BE RESPONSIBLE FOR MINIMIZING THE WORK AREA TO THE EXTENT PRACTICAL.
4. NOT ALL PHYSICAL FEATURES ARE SHOWN.

X: 20184X00, 20184X01, 20184X02, 20184X03.DWG
L: ON=*,OFF=REF
P: STD-PCP/BL.PCP
6/7/99 SYR-54-GMS KLN GMS
20184002/REPORT/20184G02.DWG

GENERAL ELECTRIC COMPANY, PITTSFIELD MASSACHUSSETTS

REMOVAL DESIGN/REMOVAL ACTION WORK PLAN FOR ALLENDALE SCHOOL PROPERTY

SITE DEVELOPMENT PLAN

BBL BLASLAND, BOUCK & LEE, INC. *engineers & scientists*

FIGURE 2

TABLE 1

**PARTICULATE AMBIENT AIR CONCENTRATIONS
ALLENDALE SCHOOL
PITTSFIELD, MASSACHUSETTS**

Date	Sampler Location	Average Concentration (mg/m^3)	Background Site[1] (mg/m^3)	Average Period (Hours:Min)	Predominant Wind Direction
7/19/99	North of excavation	0.033	0.030	2:00[1]	Variable
	South of excavation	0.033		1:47[1]	
	West of excavation	0.027		2:09[1]	
7/20/99	North of excavation	0.003	0.003	11:38	NA
	South of excavation	0.004		11:40	
	West of excavation	0.000		11:39	
7/21/99	North of excavation	0.008	0.006	10:17	SW
	East of excavation	0.015		2:34[2]	
	South of excavation	0.005		10:18	
	West of excavation	0.004		10:18	
7/22/99	North of excavation	0.048	0.037	9:32	SW
	East of excavation	0.040		9:44	
	South of excavation	0.042		9:34	
	West of excavation	0.042		9:33	
7/23/99	North of excavation	0.028	NA	9:18	WSW, WNW
	East of excavation	0.031		3:40[2]	
	South of excavation	0.028		9:21	
	West of excavation	0.030		9:19	
7/24/99	North of excavation	0.043	NA	8:09	SW
	East of excavation	0.037		8:07	
	South of excavation	0.038		8:15	
	West of excavation	0.052		8:07	
7/26/99	North of excavation	0.009*	NA	9:26	NW, NNW
	East of excavation	0.016		9:56	
	South of excavation	0.014		9:39	
	West of excavation	0.015*		8:57	
7/27/99	North of excavation	0.022*	0.030	9:34	NW
	East of excavation	0.034		9:04	
	South of excavation	0.038		9:34	
	West of excavation	0.029*		9:47	
7/28/99	North of excavation	0.011*	0.014	10:00	WNW
	East of excavation	0.023		10:30	
	South of excavation	0.020		10:15	
	West of excavation	0.018*		10:15	
7/29/99	North of excavation	0.016*	0.015	9:30	SSW
	East of excavation	0.027		10:15	
	South of excavation	0.030		9:45	
	West of excavation	0.022*		9:45	

Date	Sampler Location	Average Concentration (mg/m³)	Background Site[1] (mg/m³)	Average Period (Hours:Min)	Predominant Wind Direction
7/30/99	North of excavation	0.020*	0.030	9:45	NA
	East of excavation	0.055		10:00	
	South of excavation	0.028		10:00	
	West of excavation	0.029*		9:45	
7/31/99	North of excavation	0.033*	0.050	8:30	SSW
	East of excavation	0.062		8:30	
	South of excavation	0.062		8:30	
	West of excavation	0.039*		8:30	
8/2/99	North of excavation	0.005*	0.006	10:00	NW
	East of excavation	0.020		10:15	
	South of excavation	0.017		10:15	
	West of excavation	0.014*		10:00	
8/3/99	North of excavation	0.008	0.006	7:15 [2]	WNW
	East of excavation	0.008		10:15	
	South of excavation	0.021		9:45	
	West of excavation	0.014*		9:45	
8/4/99	North of excavation	0.014*		9:45	
	East of excavation	0.014	0.009	10:15	SSW
	South of excavation	0.024		10:00	
	West of excavation	0.021*		9:45	
8/5/99	North of excavation	0.012*	0.014	9:30	WNW
	East of excavation	0.020		9:45	
	South of excavation	0.023		9:30	
	West of excavation	0.017*		9:30	
8/6/99	North of excavation	0.014*	0.009	10:15	WNW
	East of excavation	0.017		10:30	
	South of excavation	0.020		10:30	
	West of excavation	0.018*		10:15	
8/7/99	North of excavation	0.006*	0.003	9:00	NW
	East of excavation	0.011		9:00	
	South of excavation	0.015		9:00	
	West of excavation	0.012*		9:00	
8/9/99	North of excavation	0.005*	0.002	10:30	NW
	East of excavation	0.006		11:00	
	South of excavation	0.014		11:00	
	West of excavation	0.011*		10:30	
8/10/99	North of excavation	0.008*	0.003	9:15	SW,W
	East of excavation	0.004		9:45	
	South of excavation	0.015		9:15	
	West of excavation	0.014*		9:15	
8/11/99 [3]	North of excavation				
	East of excavation				
	South of excavation				
	West of excavation				

Date	Sampler Location	Average Concentration (mg/m³)	Background Site[1] (mg/m³)	Average Period (Hours:Min)	Predominant Wind Direction
8/12/99	North of excavation	0.018*	0.036	10:30	Variable
	East of excavation	0.034		11:00	
	South of excavation	0.040		10:45	
	West of excavation	0.026*		10:45	
8/13/99	North of excavation	0.051*	0.051	8:45	SSW
	East of excavation	0.067		9:00	
	South of excavation	0.072		8:45	
	West of excavation	0.048*		8:45	
8/14/99 [3]	North of excavation				
	East of excavation				
	South of excavation				
	West of excavation				
8/16/99	North of excavation	0.019*	0.007	10:45	W
	East of excavation	0.019		11:00	
	South of excavation	0.025		11:00	
	West of excavation	0.017*		10:45	
8/17/99	North of excavation	0.032*	0.032	9:15	SW
	East of excavation	0.039		9:45	
	South of excavation	0.048		9:30	
	West of excavation	0.033*		9:15	
8/18/99	North of excavation	0.010*	0.009	10:15	WNW
	East of excavation	0.017		10:00	
	South of excavation	0.027		9:30	
	West of excavation	0.017*		10:15	
8/19/99	North of excavation	0.008*	0.003	9:30	NA
	East of excavation	0.008		10:00	
	South of excavation	0.022		9:30	
	West of excavation	0.018*		9:45	
8/20/99	North of excavation	0.007*	0.001	11:45	NA
	East of excavation	0.007		12:15	
	South of excavation	0.022		12:15	
	West of excavation	0.025*		6:00 [4]	
8/21/99	North of excavation	0.007*	0.000	4:15 [1]	NA
	East of excavation	0.008		4:45 [1]	
	South of excavation	0.029		4:45 [1]	
	West of excavation	0.008*		4:15 [1]	
8/23/99	North of excavation	0.009*	0.007	10:45	NW
	East of excavation	0.016		8:30 [5]	
	South of excavation	0.026		8:30 [5]	
	West of excavation	0.016*		10:45	
8/24/99	North of excavation	0.016*	0.012	10:00	NA
	East of excavation	0.010		9:45	
	South of excavation	0.030		9:45	
	West of excavation	0.023*		10:00	

8/25/99	North of excavation	0.024*	0.027	10:30	SSW
	East of excavation	0.024		10:30	
	South of excavation	0.050		10:15	
	West of excavation	0.030*		10:30	
8/26/99 [3]	North of excavation				
	East of excavation				
	South of excavation				
	West of excavation				
8/27/99	North of excavation	0.009*	0.000	2:00 [1]	NA
	East of excavation	0.013		2:45 [1]	
	South of excavation	0.041		2:30 [1]	
	West of excavation	0.015*		2:15 [1]	
8/28/99	North of excavation	0.034*	0.043	8:45	W, NW
	East of excavation	0.052		9:00	
	South of excavation	0.063		9:00	
	West of excavation	0.033*		8:45	
8/30/99	North of excavation	0.005*	0.000	10:45	N, NNE
	East of excavation	0.001		10:45	
	South of excavation	0.029		10:45	
	West of excavation	NA [2]		---	
8/31/99	North of excavation	0.007*	0.001	11:15	NA
	East of excavation	0.005		10:30	
	South of excavation	0.028		10:30	
	West of excavation	NA [2]		---	
9/1/99	North of excavation	0.007*	0.004	10:45	NA
	East of excavation	0.007		10:15	
	South of excavation	0.035		10:30	
	West of excavation	0.017*		10:45	
9/2/99	North of excavation	0.010*			
	East of excavation	0.012			
	South of excavation	0.040			
	West of excavation	0.021*			

9/8/99	North of excavation	0.052* [7]	0.080 [7]	7:45 [1]	NA
	East of excavation	0.088 [7]		7:30 [1]	
	South of excavation	0.119 [7]		7:15 [1]	
	West of excavation	0.055 [7]		7:15 [1]	
9/9/99	North of excavation	0.061 * [7]	0.087	9:45	SSW
	East of excavation	0.093 [7]		9:30	
	South of excavation	0.121 [7]		9:15	
	West of excavation	0.063* [7]		9:45	
9/10/99 [3]	North of excavation				
	East of excavation				
	South of excavation				
	West of excavation				
9/13/99	North of excavation	0.013*	0.008	10:00	SSE, S, SW
	East of excavation	0.015		9:45	
	South of excavation	0.045		9:45	
	West of excavation	0.021*		10:00	
9/14/99	North of excavation	0.011*			
	East of excavation	0.015			
	South of excavation	0.046			
	West of excavation	0.017*			

3.0 PARTICULATE QUALITY ASSURANCE ASSESSMENT

3.1 Project Quality Assurance/Quality Control (QA/QC)

The objective of the quality assurance program was to ensure that the data collected on ambient levels of particulate are adequate to meet the purpose of the monitoring program and the intended uses of the data. Standard QA/QC procedures outlined in the Scope of Work were followed during sampling.

The following objectives were used as guidelines to assuring quality in the design and implementation of the monitoring program.

All MIE pDR-1000 personal DataRAM particulate monitors are zeroed weekly and before starting a new project.

All MIE DR- 2000 DataRAM particulate monitors are calibrated daily before use.

Both the MIE pDR-1000 particulate monitors and the MIE DR-2000 particulate monitors have an inherent inaccuracy of 5%.

Because the particulate monitors have an inherent sensitivity to humid conditions, the monitors are carefully monitored during humid or rainy weather. In accordance with the Scope of Work for this project, BEC used its professional engineering judgment to determine the reliability of data collected during very high humidity conditions. Any such judgments are noted appropriately on the data summary table.

All monitoring problems are immediately brought to the attention of the GE Project Manager.

APPENDIX I

SCOPE OF WORK

SCOPE OF WORK
for
Ambient Air Particulate Monitoring During Remedial Action
at
Allendale School Property
Pittsfield, Massachusetts

General Electric Company
Pittsfield, Massachusetts

Prepared by

Berkshire Environmental Consultants, Inc.
152 North Street, Suite 250
Pittsfield, MA 01201

June 1999

TABLE OF CONTENTS

INTRODUCTION

This Scope of Work (SOW) describes the ambient air monitoring for particulate matter which will be conducted during remedial actions at the Allendale School property in Pittsfield, Massachusetts. The program consists of real-time ambient air monitoring for particulate matter during the excavation portion of remedial action at the site.

2.0 SAMPLING OBJECTIVES

The objectives of the sampling program are as follows:

- to obtain valid and representative ambient downwind particulate concentrations during remedial activities;
- to monitor site activity; and
- to ensure that the remedial activities are not causing an unacceptable increase in ambient air concentrations of particulates.

PARTICULATE MONITORING

Real-time particulate monitoring will be conducted at four locations at the site perimeter during the excavation portion of remedial action at the site. Monitoring will be conducted daily for six days per week during the hours of excavation. Approximately 10 hours a day of sampling data, from 7:00 am to 5:00 pm, are anticipated. Particulate monitoring will occur throughout the period of excavation.

Particulate monitoring will be conducted using MIE dataRAM real-time airborne particulate monitors, Model pDR-1000 or equivalent. The dataRAM uses a passive sampling technique and light scattering photometer to determine particulate concentrations. The dataRAM has a measurement range of 0.001 to 400 mg/m^3. Particulate data will be logged by the instrument's datalogger and averaged and recorded for each hour and for each sampling hour day. One monitor (generally the downwind or highest exposure location) will be provided with an audible alarm when high particulate levels occur.

Calibrations and maintenance will be conducted at the frequency and in accordance with the procedures recommended by the manufacturer. All calibrations will be recorded.

The dataRAM has an inherent sensitivity to moisture and readings taken under very high humidity conditions are unreliable. GE may, at times, use the professional engineering judgement of its environmental consultants to determine the reliability and usability of data collected during very high humidity conditions. Data summaries will exclude the time period when moisture is clearly a factor. The raw data file will be marked and maintained to indicate what data is included in the average and reasons for excluding specific data.

4.0 MONITORING LOCATIONS

Four monitors will be placed around the site, generally to cover all directions, so that one monitor will sense downwind dust loadings. The exact monitoring location of each sampler will be determined prior to the initiation of excavation activities. The specific monitoring sites will be established based on the following: location of excavation, truck and vehicle traffic on-site, downwind receptors, obstructions, and accessibility. As excavation proceeds and conditions change at each site, the monitoring location may be moved.

A background particulate sampler will be installed on Longfellow Avenue at Parcel J9-15-2. Data from this site will be used to normalize ambient particulate concentrations during remedial action.

5.0 QUALITY ASSURANCE AND QUALITY CONTROL PROCEDURES

Quality assurance and quality control (QA/QC) procedures for the air sampling program will follow those described in the GE site SAP/DCAQAP. Specific quality assurance and quality control for the particulate sampling will be based on manufacturer's recommendations.

6.0 METEOROLOGICAL MONITORING

Meteorological data from the Climatronics Electronic Weather Station (EWS) operated at the GE facility in Pittsfield, Massachusetts will be used. The EWS has been operating continuously since 1991 at the GE facility in East Street Area 2 providing data to support other GE activities under the MCP. The EWS measures and continuously records wind speed, wind direction, precipitation, temperature, relative humidity and integrated solar radiation. The siting of the meteorological station was established with the approval of DEP. The station was installed and continues to operate in accordance with EPA On-site Meteorological Program Guidance for Regulatory Modeling Applications and a Site Specific Meteorological Monitoring Quality Assurance Project Plan. The operation of the EWS has been successfully audited by the Massachusetts Department of Environmental Protection (DEP).

Barometric pressure will be measured and recorded manually on each sampling day. In addition, a portable relativity humidity indicator will be used for field verification of humidity conditions.

7.0 DOCUMENTATION AND REPORTING

Particulate data will be summarized daily. Data which exceeds the notification levels described below will be reported to the GE site manager and to DEP and EPA (Agencies) within 24 hours of collection. Daily particulate and meteorological data will be summarized weekly and provided in a written summary report to the GE site manager on Monday for the previous week. All field data recorded during ambient monitoring will be documented according to the procedures in the SAP/DCAQAP. A written report summarizing the results will be provided to GE within 4 weeks of the conclusion of sampling and will include the following:

Date and Time of Sampling
Sampling Locations
Calibration and Maintenance Activities
Pollutants Monitored
Sampling Frequency
Data Results
Quality Assurance Assessment
Meteorological Data Summary
Discussion of Problems or Disruptions
Signature of Individual Responsible For Monitoring Program

8.0 ACTION LEVEL

For each day of monitoring, the particulate data from the downwind monitor will initially be compared with the data from the other monitors and the background monitor. If the average 10-hour PM_{10} concentration at the downwind monitor exceeds the average concentration at the background monitor, the downwind concentrations will then be compared with a notification level of 120 $\mu g/m^3$ - which represents 80 percent of the current 24-hour National Ambient Air Quality Standard (NAAQS) for PM_{10} (150 $\mu g/m^3$). This level has been selected to allow notice to GE before concentrations reach the level of the 24-hour NAAQS. Any exceedances of the notification level or the NAAQS will be immediately reported to the GE site manager and the Agencies.

Appendix G

BLASLAND, BOUCK & LEE, INC.
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Laboratory Analytical Data for Backfill and Sod Sources

BLASLAND, BOUCK & LEE, INC.
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Laboratory Analytical Data from the 1991 Soil Cover

Adirondack Environmental Services, Inc.
Experience is the solution
314 North Pearl Street • Albany, New York 12207 • 800-848-4983 • (518) 434-4546 • Fax (518) 434-0891

CLIENT: GENERAL ELECTRIC COMPANY
CLIENT'S SAMPLE ID: AS-PE-SP-COMP-1
AES sample #: 990729BB02

Date Sampled: 07/29/99
Date sample received: 07/30/99
Samples taken by: P.Filippetti
Location: Allendale Schoo composite
MATRIX: Soil

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
CLP-pH	EPA-150.1	8.2	su		07/30/99
CLP-TS		88	%	KF-SB-373	07/29/99
CLP-PCB-1016	EPA-8082	<38	ug/kg	KF-CLP	07/30/99
CLP-PCB-1221	EPA-8082	<38	ug/kg	KF-CLP	07/30/99
CLP-PCB-1232	EPA-8082	<38	ug/kg	KF-CLP	07/30/99
CLP-PCB-1242	EPA-8082	<38	ug/kg	KF-CLP	07/30/99
CLP-PCB-1248	EPA-8082	<38	ug/kg	KF-CLP	07/30/99
CLP-PCB-1254	EPA-8082	<38	ug/kg	KF-CLP	07/30/99
CLP-PCB-1260	EPA-8082	34 J	ug/kg	KF-CLP	07/30/99

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CLIENT: GENERAL ELECTRIC COMPANY
Date Sampled: 07/29/99
CLIENT'S SAMPLE ID: AS-PE-SP-COMP-2
Date sample received: 07/30/99
AES sample #: 990729BB03
Samples taken by: P.Filippetti
Location: Allendale Schoo composite
MATRIX: Soil

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
CLP-pH	EPA-150.1	8.2	su		07/30/99
CLP-TS		89	%	KF-SB-373	07/29/99
CLP-PCB-1016	EPA-8082	<37	ug/kg	KF-CLP	07/30/99
CLP-PCB-1221	EPA-8082	<37	ug/kg	KF-CLP	07/30/99
CLP-PCB-1232	EPA-8082	<37	ug/kg	KF-CLP	07/30/99
CLP-PCB-1242	EPA-8082	<37	ug/kg	KF-CLP	07/30/99
CLP-PCB-1248	EPA-8082	<37	ug/kg	KF-CLP	07/30/99
CLP-PCB-1254	EPA-8082	<37	ug/kg	KF-CLP	07/30/99
CLP-PCB-1260	EPA-8082	25 J	ug/kg	KF-CLP	07/30/99

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CLIENT: GENERAL ELECTRIC COMPANY
CLIENT'S SAMPLE ID: AS-PE-SP-COMP-3
AES sample #: 990729HB04
Samples taken by: P.Filippetti
MATRIX: Soil
Date Sampled: 07/29/99
Date sample received: 07/30/99
Location: Allendale Schoo composite

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
CLP-pH	EPA-150.1	8.3	su		07/30/99
CLP-TS		88	%	KF-SB-373	07/29/99
CLP-PCB-1016	EPA-8082	<38	ug/kg	KF-CLP	07/30/99
CLP-PCB-1221	EPA-8082	<38	ug/kg	KF-CLP	07/30/99
CLP-PCB-1232	EPA-8082	<38	ug/kg	KF-CLP	07/30/99
CLP-PCB-1242	EPA-8082	<38	ug/kg	KF-CLP	07/30/99
CLP-PCB-1248	EPA-8082	<38	ug/kg	KF-CLP	07/30/99
CLP-PCB-1254	EPA-8082	<38	ug/kg	KF-CLP	07/30/99
CLP-PCB-1260	EPA-8082	28 J	ug/kg	KF-CLP	07/30/99

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CLIENT: GENERAL ELECTRIC COMPANY
CLIENT'S SAMPLE ID: AS-PE-SP-COMP-4
AES sample #: 990729BB05

Date Sampled: 07/29/99
Date sample received: 07/30/99

Samples taken by: P.Filippetti
MATRIX: Soil

Location: Allendale Schoo composite

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
CLP-pH	EPA-150.1	8.3	su		07/30/99
CLP-TS		89	%	KF-SB-373	07/29/99
CLP-PCB-1016	EPA-8082	<37	ug/kg	KF-CLP	07/30/99
CLP-PCB-1221	EPA-8082	<37	ug/kg	KF-CLP	07/30/99
CLP-PCB-1232	EPA-8082	<37	ug/kg	KF-CLP	07/30/99
CLP-PCB-1242	EPA-8082	<37	ug/kg	KF-CLP	07/30/99
CLP-PCB-1248	EPA-8082	<37	ug/kg	KF-CLP	07/30/99
CLP-PCB-1254	EPA-8082	<37	ug/kg	KF-CLP	07/30/99
CLP-PCB-1260	EPA-8082	19 J	ug/kg	KF-CLP	07/30/99

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CLIENT: GENERAL ELECTRIC COMPANY
CLIENT'S SAMPLE ID: AS-PE-SP-COMP-5
AES sample #: 990729BB06

Date Sampled: 07/29/99
Date sample received: 07/30/99
Samples taken by: P.Filippetti
Location: Allendale Schoo composite
MATRIX: Soil

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
CLP-pH	EPA-150.1	8.1	su		07/30/99
CLP-TS		88	%	KF-SB-373	07/29/99
CLP-PCB-1016	EPA-8082	<38	ug/kg	KF-CLP	07/30/99
CLP-PCB-1221	EPA-8082	<38	ug/kg	KF-CLP	07/30/99
CLP-PCB-1232	EPA-8082	<38	ug/kg	KF-CLP	07/30/99
CLP-PCB-1242	EPA-8082	<38	ug/kg	KF-CLP	07/30/99
CLP-PCB-1248	EPA-8082	<38	ug/kg	KF-CLP	07/30/99
CLP-PCB-1254	EPA-8082	<38	ug/kg	KF-CLP	07/30/99
CLP-PCB-1260	EPA-8082	130	ug/kg	KF-CLP	07/30/99

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CLIENT: GENERAL ELECTRIC COMPANY
Date Sampled: 07/29/99
CLIENT'S SAMPLE ID: AS-PE-SP-COMP-6
Date sample received: 07/30/99
AES sample #: 990729BB07 Samples taken by: P.Filippetti Location: Allendale Schoo composite
MATRIX: Soil

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
CLP-pH	EPA-150.1	8.1	su		07/30/99
CLP-TS		86	%	KF-SB-373	07/29/99
CLP-PCB-1016	EPA-8082	<38	ug/kg	KF-CLP	07/30/99
CLP-PCB-1221	EPA-8082	<38	ug/kg	KF-CLP	07/30/99
CLP-PCB-1232	EPA-8082	<38	ug/kg	KF-CLP	07/30/99
CLP-PCB-1242	EPA-8082	<38	ug/kg	KF-CLP	07/30/99
CLP-PCB-1248	EPA-8082	<38	ug/kg	KF-CLP	07/30/99
CLP-PCB-1254	EPA-8082	<38	ug/kg	KF-CLP	07/30/99
CLP-PCB-1260	EPA-8082	160	ug/kg	KF-CLP	07/30/99

BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Laboratory Analytical Data from Sod Sampling

TABLE 1

PRELIMINARY ANALYTICAL DATA
SUBJECT TO VERIFICATION

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
ALLENDALE SCHOOL PROPERTY
SOD FARM SAMPLING
SUMMARY OF PCB DATA
(Results in ppm, dry-weight)

	Four Star Sod Farms					
Sample ID: Date Collected:	4-STAR-1M-1 10/01/99	4-STAR-1M-2 10/01/99	4-STAR-1M-3 10/01/99	4-STAR-1M-4 10/01/99	4-STAR-1M-5 10/01/99	4-STAR-1M-6 10/01/99
PCBs						
Aroclor-1016	ND(0.040)	ND(0.10) [ND(0.040)]	ND(0.040)	ND(0.039)	ND(0.038)	ND(0.040)
Aroclor-1221	ND(0.040)	ND(0.10) [ND(0.040)]	ND(0.040)	ND(0.039)	ND(0.038)	ND(0.040)
Aroclor-1232	ND(0.040)	ND(0.10) [ND(0.040)]	ND(0.040)	ND(0.039)	ND(0.038)	ND(0.040)
Aroclor-1242	ND(0.040)	ND(0.10) [ND(0.040)]	ND(0.040)	ND(0.039)	ND(0.038)	ND(0.040)
Aroclor-1248	ND(0.040)	ND(0.10) [ND(0.040)]	ND(0.040)	ND(0.039)	ND(0.038)	ND(0.040)
	ND(0.040)	ND(0.10) [ND(0.040)]	ND(0.040)	ND(0.039)	ND(0.038)	ND(0.040)
Aroclor-1260	ND(0.040)	ND(0.10) [ND(0.040)]	ND(0.040)	ND(0.039)	ND(0.038)	ND(0.040)
Total PCBs	ND(0.040)	ND(0.10) [ND(0.040)]	ND(0.040)	ND(0.039)	ND(0.038)	ND(0.040)

Notes:
1) Samples were collected by Blasland, Bouck & Lee, Inc., and were submitted to CT&E Environmental Services, Inc. for analysis of PCBs.
2) ND - Analyte was not detected. The value in parentheses is the associated detection limit.
3) Duplicate results are presented in brackets.

BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Laboratory Analytical Data from Backfill Sources

Corporate Environmental Programs
General Electric Company
100 Woodlawn Ave., Pittsfield, MA 01201

August 11, 1999

Chester L. Janowski
Remediation Project Manager
Office Site Remediation and Restoration
U.S. Environmental Protection Agency
One Congress Street
Boston, MA 02203-2211

Re: Allendale School - Analytical Results for Additional Backfill Analysis

Dear Mr. Janowski:

Please find attached a tabulated summary of the most recent laboratory analytical results for the backfill materials to be used at the Allendale School Property in Pittsfield Massachusetts. Six samples were collected from July 28, 1998 to July 21, 1999 from this backfill source for confirmatory analysis of the constituents listed in Appendix IX of 40 CFR Part 264, excluding herbicides, pesticides, and dioxins/furans, and including benzidine, 2-chloroethylvinyl ether and 1,2-diphenylhydrazine, hereafter referred to as Appendix IX+3 (excluding herbicides, pesticides, and dioxins/furans). The analytical results indicate that these constituents were not detected in any of the six samples at concentrations that exceed the Massachusetts Contingency Plan Method 1 soil standards.

Please do not hesitate to contact me with any questions at (413) - 494 - 2176.

Yours truly,

Richard Gates/mf

Richard W. Gates
Remediation Project Manager

Encl.
U:\PLH99\04791543.WPD

cc: Tim Conway, Esq., EPA
Michael Nalipinski, EPA
Bryan Olson, EPA
J. Lyn Cutler, DEP
Robert Bell, DEP
Alan Weinberg, DEP
John Ziegler, DEP
Terry Bowers, Gradient
Mayor Gerald Doyle, City of Pittsfield
Thomas Hickey, City of Pittsfield
Pittsfield Commissioner of Public Health
A. Kuhn, Principal, Allendale School
Jane Gardner, Esq., GE
Andrew Thomas, Jr., Esq., GE
Michael Carroll, GE
Andrew Silfer, GE
James Bieke, Esq., Shea & Gardner
Jeffrey Bernstein, Esq., Bernstein, Cushner & Kimmel
James Nuss P.E., LSP, Blasland, Bouck & Lee, Inc.
Public Information Repositories ECL-I-P-IV(A)(1)

TABLE 1

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS
DALTON HARDWOOD BACKFILL SAMPLING

SUMMARY OF APPENDIX-IX+3 SOIL DATA
(Results in ppm, dry-weight)

Sample ID: Sample Depth(Feet): Date Collected:	MCP RCS-1 Reportable Concentrations	DHW-BF-C1 0-0 07/28/98	DHW-BF-C2 0-0 07/28/98	DHW-BF-C3 0-0 07/28/98	DHW-BF-C4 0-0 07/28/98	DHW-BF-C5 0-0 07/21/99	DHW-BF-C6 0-0 07/21/99
PCBs							
Aroclor-1016	2	ND(0.035)	ND(0.039)	ND(0.036)	ND(0.034) [ND(0.034)]	ND(0.036)	ND(0.035) [ND(0.035)]
Aroclor-1221	2	ND(0.035)	ND(0.039)	ND(0.036)	ND(0.034) [ND(0.034)]	ND(0.036)	ND(0.035) [ND(0.035)]
Aroclor-1232	2	ND(0.035)	ND(0.039)	ND(0.036)	ND(0.034) [ND(0.034)]	ND(0.036)	ND(0.035) [ND(0.035)]
Aroclor-1242	2	ND(0.035)	ND(0.039)	ND(0.036)	ND(0.034) [ND(0.034)]	ND(0.036)	ND(0.035) [ND(0.035)]
Aroclor-1248	2	ND(0.035)	ND(0.039)	ND(0.036)	ND(0.034) [ND(0.034)]	ND(0.036)	ND(0.035) [ND(0.035)]
Aroclor-1254	2	ND(0.035)	ND(0.039)	ND(0.036)	ND(0.034) [ND(0.034)]	ND(0.036)	ND(0.035) [ND(0.035)]
Aroclor-1260	2	ND(0.035)	ND(0.039)	ND(0.036)	ND(0.034) [ND(0.034)]	ND(0.036)	ND(0.035) [ND(0.035)]
Total PCBs	2	ND(0.035)	ND(0.039)	ND(0.036)	ND(0.034) [ND(0.034)]	ND(0.036)	ND(0.035) [ND(0.035)]
Volatile Organics							
1,1,1,2-Tetrachloroethane	0.4	ND(0.0053)	ND(0.0060)	ND(0.0055)	ND(0.0052) [ND(0.0052)]	ND(0.0050)	ND(0.0050)
1,1,1-Trichloroethane	30	ND(0.0053)	ND(0.0060)	ND(0.0055)	ND(0.0052) [ND(0.0052)]	ND(0.0050)	ND(0.0050)
1,1,2,2-Tetrachloroethane	0.02	ND(0.0053)	ND(0.0060)	ND(0.0055)	ND(0.0052) [ND(0.0052)]	ND(0.0050)	ND(0.0050)
1,1,2-Trichloroethane	0.5	ND(0.0053)	ND(0.0060)	ND(0.0055)	ND(0.0052) [ND(0.0052)]	ND(0.0050)	ND(0.0050)
1,1-Dichloroethane	3	ND(0.0053)	ND(0.0060)	ND(0.0055)	ND(0.0052) [ND(0.0052)]	ND(0.0050)	ND(0.0050)
1,1-Dichloroethene	0.1	ND(0.0053)	ND(0.0060)	ND(0.0055)	ND(0.0052) [ND(0.0052)]	ND(0.0050)	ND(0.0050)
1,2,3-Trichloropropane	100	ND(0.0053)	ND(0.0060)	ND(0.0055)	ND(0.0052) [ND(0.0052)]	ND(0.0050)	ND(0.0050)
1,2-Dibromo-3-chloropropane	10	ND(0.011)	ND(0.012)	ND(0.011)	ND(0.010) [ND(0.010)]	ND(0.0050)	ND(0.0050)
1,2-Dibromoethane	0.005	ND(0.0053)	ND(0.0060)	ND(0.0055)	ND(0.0052) [ND(0.0052)]	ND(0.0050)	ND(0.0050)
1,2-Dichloroethane	0.05	ND(0.0053)	ND(0.0060)	ND(0.0055)	ND(0.0052) [ND(0.0052)]	ND(0.0050)	ND(0.0050)
1,2-Dichloropropane	0.1	ND(0.0011)	ND(0.0012)	ND(0.0011)	ND(0.0010) [ND(0.0010)]	ND(0.0050)	ND(0.0050)
1,4-Dioxane	100	ND(0.53)	ND(0.60)	ND(0.55)	ND(0.52) [ND(0.52)]	ND(0.20)	ND(0.20)
2-Butanone	0.3	ND(0.021)	ND(0.024)	ND(0.022)	ND(0.021) [ND(0.021)]	ND(0.10)	ND(0.10)
2-Chloro-1,3-butadiene	10	ND(0.0011)	ND(0.0012)	ND(0.0011)	ND(0.0010) [ND(0.0010)]	ND(0.0050)	ND(0.0050)
2-Chloroethylvinylether	500	ND(0.053)	ND(0.060)	ND(0.055)	ND(0.052) [ND(0.052)]	ND(0.0050)	ND(0.0050)
2-Hexanone	100	ND(0.021)	ND(0.024)	ND(0.022)	ND(0.021) [ND(0.021)]	ND(0.010)	ND(0.010)
3-Chloropropene	500	ND(0.011)	ND(0.012)	ND(0.011)	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
4-Methyl-2-pentanone	0.5	ND(0.021)	ND(0.024)	ND(0.022)	ND(0.021) [ND(0.021)]	ND(0.010)	ND(0.010)
Acetone	3	ND(0.011)	ND(0.012)	ND(0.011)	ND(0.010) [ND(0.010)]	ND(0.10)	ND(0.10)
Acetonitrile	1000	ND(0.11)	ND(0.12)	ND(0.11)	ND(0.10) [ND(0.10)]	ND(0.10)	ND(0.10)
Acrolein	10	ND(0.11)	ND(0.12)	ND(0.11)	ND(0.10) [ND(0.10)]	ND(0.10)	ND(0.10)
Acrylonitrile	100	ND(0.11)	ND(0.12)	ND(0.11)	ND(0.10) [ND(0.10)]	ND(0.010)	ND(0.010)
Benzene	10	ND(0.0053)	ND(0.0060)	ND(0.0055)	ND(0.0052) [ND(0.0052)]	ND(0.0050)	ND(0.0050)
Bromodichloromethane	0.1	ND(0.0053)	ND(0.0060)	ND(0.0055)	ND(0.0052) [ND(0.0052)]	ND(0.0050)	ND(0.0050)
Bromoform	0.1	ND(0.0053)	ND(0.0060)	ND(0.0055)	ND(0.0052) [ND(0.0052)]	ND(0.0050)	ND(0.0050)
Bromomethane	3	ND(0.011)	ND(0.012)	ND(0.011)	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
Carbon Disulfide	100	ND(0.0053)	ND(0.0060)	ND(0.0055)	ND(0.0052) [ND(0.0052)]	ND(0.010)	ND(0.010)
Carbon Tetrachloride	1	ND(0.0053)	ND(0.0060)	ND(0.0055)	ND(0.0052) [ND(0.0052)]	ND(0.0050)	ND(0.0050)
Chlorobenzene	8	ND(0.0053)	ND(0.0060)	ND(0.0055)	ND(0.0052) [ND(0.0052)]	ND(0.0050)	ND(0.0050)
Chloroethane	100	ND(0.011)	ND(0.012)	ND(0.011)	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
Chloroform	0.1	ND(0.0053)	ND(0.0060)	ND(0.0055)	ND(0.0052) [ND(0.0052)]	ND(0.0050)	ND(0.0050)
Chloromethane	100	ND(0.011)	ND(0.012)	ND(0.011)	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
cis-1,2-Dichloroethene	2	ND(0.0026)	ND(0.0030)	ND(0.0027)	ND(0.0026) [ND(0.0026)]	NA	NA
cis-1,3-Dichloropropene	0.01	ND(0.0053)	ND(0.0060)	ND(0.0055)	ND(0.0052) [ND(0.0052)]	ND(0.0050)	ND(0.0050)
Dibromochloromethane	0.09	ND(0.0053)	ND(0.0060)	ND(0.0055)	ND(0.0052) [ND(0.0052)]	ND(0.0050)	ND(0.0050)
Dibromomethane	500	ND(0.0053)	ND(0.0060)	ND(0.0055)	ND(0.0052) [ND(0.0052)]	ND(0.0050)	ND(0.0050)
Dichlorodifluoromethane	1000	ND(0.011)	ND(0.012)	ND(0.011)	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
Ethyl Methacrylate	500	ND(0.0053)	ND(0.0060)	ND(0.0055)	ND(0.0052) [ND(0.0052)]	ND(0.010)	ND(0.010)
Ethylbenzene	80	ND(0.0053)	ND(0.0060)	ND(0.0055)	ND(0.0052) [ND(0.0052)]	ND(0.0050)	ND(0.0050)
Iodomethane	100	ND(0.0053)	ND(0.0060)	ND(0.0055)	ND(0.0052) [ND(0.0052)]	ND(0.0050)	ND(0.0050)
Isobutanol	1000	ND(0.21)	ND(0.24)	ND(0.22)	ND(0.21) [ND(0.21)]	ND(0.20)	ND(0.20)
Methacrylonitrile	500	ND(0.0053)	ND(0.0060)	ND(0.0055)	ND(0.0052) [ND(0.0052)]	ND(0.010)	ND(0.010)
Methyl Methacrylate	500	ND(0.0053)	ND(0.0060)	ND(0.0055)	ND(0.0052) [ND(0.0052)]	ND(0.010)	ND(0.010)
Methylene Chloride	0.1	ND(0.0053)	ND(0.0060)	ND(0.0055)	ND(0.0052) [ND(0.0052)]	ND(0.0050)	ND(0.0050)
Propionitrile	50	ND(0.021)	ND(0.024)	ND(0.022)	ND(0.021) [ND(0.021)]	ND(0.050)	ND(0.050)
Styrene	2	ND(0.0053)	ND(0.0060)	ND(0.0055)	ND(0.0052) [ND(0.0052)]	ND(0.0050)	ND(0.0050)
Tetrachloroethene	0.5	ND(0.0053)	ND(0.0060)	ND(0.0055)	ND(0.0052) [ND(0.0052)]	ND(0.0050)	ND(0.0050)
Toluene	90	ND(0.0053)	ND(0.0060)	ND(0.0055)	ND(0.0052) [ND(0.0052)]	ND(0.0050)	ND(0.0050)
trans-1,2-Dichloroethene	4	ND(0.0026)	ND(0.0030)	ND(0.0027)	ND(0.0026) [ND(0.0026)]	ND(0.0050)	ND(0.0050)
trans-1,3-Dichloropropene	0.01	ND(0.0053)	ND(0.0060)	ND(0.0055)	ND(0.0052) [ND(0.0052)]	ND(0.0050)	ND(0.0050)
trans-1,4-Dichloro-2-butene	10	ND(0.0011)	ND(0.0012)	ND(0.0011)	ND(0.0010) [ND(0.0010)]	ND(0.010)	ND(0.010)
Trichloroethene	0.4	ND(0.0053)	ND(0.0060)	ND(0.0055)	ND(0.0052) [ND(0.0052)]	ND(0.0050)	ND(0.0050)
Trichlorofluoromethane	1000	ND(0.011)	ND(0.012)	ND(0.011)	ND(0.010) [ND(0.010)]	ND(0.0050)	ND(0.0050)
Vinyl Acetate	1000	ND(0.011)	ND(0.012)	ND(0.011)	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
Vinyl Chloride	0.3	ND(0.011)	ND(0.012)	ND(0.011)	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
Xylenes (total)	500	ND(0.0053)	ND(0.0060)	ND(0.0055)	ND(0.0052) [ND(0.0052)]	ND(0.010)	ND(0.010)

(See Notes on Page 4)
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PRELIMINARY ANALYTICAL DATA SUBJECT TO VERIFICATION

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS
DALTON HARDWOOD BACKFILL SAMPLING

SUMMARY OF APPENDIX-IX+3 SOIL DATA
(Results in ppm, dry-weight)

Sample ID: Sample Depth(Feet): Date Collected:	MCP RCS-1 Reportable Concentrations	DHW-BF-C1 0-0 07/28/98	DHW-BF-C2 0-0 07/28/98	DHW-BF-C3 0-0 07/28/98	DHW-BF-C4 0-0 07/28/98	DHW-BF-C5 0-0 07/21/99	DHW-BF-C6 0-0 07/21/99
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene	1000	ND(0.35)	ND(0.39)	ND(0.36)	ND(0.34) [ND(0.34)]	ND(0.40)	ND(0.30)
1,2,4-Trichlorobenzene	100	ND(0.35)	ND(0.39)	ND(0.36)	ND(0.34) [ND(0.34)]	ND(0.40)	ND(0.30)
1,2-Dichlorobenzene	100	ND(0.35)	ND(0.39)	ND(0.36)	ND(0.34) [ND(0.34)]	ND(0.40)	ND(0.30)
1,2-Diphenylhydrazine	50	ND(0.35)	ND(0.39)	ND(0.36)	ND(0.34) [ND(0.34)]	ND(0.40)	ND(0.30)
1,3,5-Trinitrobenzene	50	ND(1.7)	ND(1.9)	ND(1.7)	ND(1.7) [ND(1.7)]	ND(0.90)	ND(0.70)
1,3-Dichlorobenzene	100	ND(0.35)	ND(0.39)	ND(0.36)	ND(0.34) [ND(0.34)]	ND(0.40)	ND(0.30)
1,3-Dinitrobenzene	100	ND(0.35)	ND(0.39)	ND(0.36)	ND(0.34) [ND(0.34)]	ND(2.0)	ND(2.0)
1,4-Dichlorobenzene	2	ND(0.35)	ND(0.39)	ND(0.36)	ND(0.34) [ND(0.34)]	ND(0.40)	ND(0.30)
1,4-Naphthoquinone	1000	ND(1.7)	ND(1.9)	ND(1.7)	ND(1.7) [ND(1.7)]	ND(2.0)	ND(2.0)
1-Naphthylamine	100	ND(0.35)	ND(0.39)	ND(0.36)	ND(0.34) [ND(0.34)]	ND(2.0)	ND(2.0)
2,3,4,6-Tetrachlorophenol	50	ND(0.35)	ND(0.39)	ND(0.36)	ND(0.34) [ND(0.34)]	ND(0.40)	ND(0.30)
2,4,5-Trichlorophenol	2	ND(0.35)	ND(0.39)	ND(0.36)	ND(0.34) [ND(0.34)]	ND(0.40)	ND(0.30)
2,4,6-Trichlorophenol	3	ND(0.35)	ND(0.39)	ND(0.36)	ND(0.34) [ND(0.34)]	ND(0.40)	ND(0.30)
2,4-Dichlorophenol	10	ND(0.35)	ND(0.39)	ND(0.36)	ND(0.34) [ND(0.34)]	ND(0.40)	ND(0.30)
2,4-Dimethylphenol	0.7	ND(0.35)	ND(0.39)	ND(0.36)	ND(0.34) [ND(0.34)]	ND(0.40)	ND(0.30)
2,4-Dinitrophenol	3	ND(1.7)	ND(1.9)	ND(1.7)	ND(1.7) [ND(1.7)]	ND(2.0)	ND(2.0)
2,4-Dinitrotoluene	0.7	ND(0.35)	ND(0.39)	ND(0.36)	ND(0.34) [ND(0.34)]	ND(2.0)	ND(2.0)
2,6-Dichlorophenol	100	ND(0.35)	ND(0.39)	ND(0.36)	ND(0.34) [ND(0.34)]	ND(0.40)	ND(0.30)
2,6-Dinitrotoluene	100	ND(0.35)	ND(0.39)	ND(0.36)	ND(0.34) [ND(0.34)]	ND(0.40)	ND(0.30)
2-Acetylaminofluorene	10	ND(0.70)	ND(0.79)	ND(0.72)	ND(0.68) [ND(0.69)]	ND(0.90)	ND(0.70)
2-Chloronaphthalene	1000	ND(0.35)	ND(0.39)	ND(0.36)	ND(0.34) [ND(0.34)]	ND(0.40)	ND(0.30)
2-Chlorophenol	0.7	ND(0.35)	ND(0.39)	ND(0.36)	ND(0.34) [ND(0.34)]	ND(0.40)	ND(0.30)
2-Methylnaphthalene	4	ND(0.35)	ND(0.39)	ND(0.36)	ND(0.34) [ND(0.34)]	ND(0.40)	ND(0.30)
2-Methylphenol	500	ND(0.35)	ND(0.39)	ND(0.36)	ND(0.34) [ND(0.34)]	ND(0.40)	ND(0.30)
2-Naphthylamine	50	ND(0.35)	ND(0.39)	ND(0.36)	ND(0.34) [ND(0.34)]	ND(2.0)	ND(2.0)
2-Nitroaniline	Not Listed	ND(1.7)	ND(1.9)	ND(1.7)	ND(1.7) [ND(1.7)]	ND(2.0)	ND(2.0)
2-Nitrophenol	100	ND(0.35)	ND(0.39)	ND(0.36)	ND(0.34) [ND(0.34)]	ND(0.90)	ND(0.70)
2-Picoline	1000	ND(0.70)	ND(0.79)	ND(0.72)	ND(0.68) [ND(0.69)]	ND(0.40)	ND(0.30)
3&4-Methylphenol	500	ND(0.35)	ND(0.39)	ND(0.36)	ND(0.34) [ND(0.34)]	ND(0.90)	ND(0.70)
3,3'-Dichlorobenzidine	1	ND(1.7)	ND(1.9)	ND(1.7)	ND(1.7) [ND(1.7)]	ND(2.0)	ND(2.0)
3,3'-Dimethylbenzidine	50	ND(1.7)	ND(1.9)	ND(1.7)	ND(1.7) [ND(1.7)]	ND(2.0)	ND(2.0)
3-Methylcholanthrene	50	ND(0.70)	ND(0.79)	ND(0.72)	ND(0.68) [ND(0.69)]	ND(0.90)	ND(0.70)
3-Nitroaniline	Not Listed	ND(1.7)	ND(1.9)	ND(1.7)	ND(1.7) [ND(1.7)]	ND(2.0)	ND(2.0)
4,6-Dinitro-2-methylphenol	50	ND(1.7)	ND(1.9)	ND(1.7)	ND(1.7) [ND(1.7)]	ND(2.0)	ND(2.0)
4-Aminobiphenyl	Not Listed	ND(1.7)	ND(1.9)	ND(1.7)	ND(1.7) [ND(1.7)]	ND(0.90)	ND(0.70)
4-Bromophenyl-phenylether	100	ND(0.35)	ND(0.39)	ND(0.36)	ND(0.34) [ND(0.34)]	ND(0.40)	ND(0.30)
4-Chloro-3-Methylphenol	1000	ND(0.35)	ND(0.39)	ND(0.36)	ND(0.34) [ND(0.34)]	ND(0.40)	ND(0.30)
4-Chloroaniline	1	ND(0.35)	ND(0.39)	ND(0.36)	ND(0.34) [ND(0.34)]	ND(0.90)	ND(0.70)
4-Chlorobenzilate	50	ND(0.35)	ND(0.39)	ND(0.36)	ND(0.34) [ND(0.34)]	ND(2.0)	ND(2.0)
4-Chlorophenyl-phenylether	1000	ND(0.35)	ND(0.39)	ND(0.36)	ND(0.34) [ND(0.34)]	ND(0.40)	ND(0.30)
4-Nitroaniline	1000	ND(1.7)	ND(1.9)	ND(1.7)	ND(1.7) [ND(1.7)]	ND(2.0)	ND(2.0)
4-Nitrophenol	100	ND(1.7)	ND(1.9)	ND(1.7)	ND(1.7) [ND(1.7)]	ND(2.0)	ND(2.0)
4-Nitroquinoline-1-oxide	Not Listed	ND(3.5)	ND(3.9)	ND(3.6)	ND(3.4) [ND(3.4)]	ND(2.0)	ND(2.0)
4-Phenylenediamine	Not Listed	ND(3.5)	ND(3.9)	ND(3.6)	ND(3.4) [ND(3.4)]	ND(2.0)	ND(2.0)
5-Nitro-o-toluidine	100	ND(0.70)	ND(0.79)	ND(0.72)	ND(0.68) [ND(0.69)]	ND(2.0)	ND(2.0)
7,12-Dimethylbenz(a)anthracene	10	ND(0.70)	ND(0.79)	ND(0.72)	ND(0.68) [ND(0.69)]	ND(0.90)	ND(0.70)
a,a'-Dimethylphenethylamine	1000	ND(1.7)	ND(1.9)	ND(1.7)	ND(1.7) [ND(1.7)]	ND(2.0)	ND(2.0)
Acenaphthene	20	ND(0.35)	ND(0.39)	ND(0.36)	ND(0.34) [ND(0.34)]	ND(0.40)	ND(0.30)
Acenaphthylene	100	ND(0.35)	ND(0.39)	ND(0.36)	ND(0.34) [ND(0.34)]	ND(0.40)	ND(0.30)
Acetophenone	1000	ND(0.35)	ND(0.39)	ND(0.36)	ND(0.34) [ND(0.34)]	ND(0.40)	ND(0.30)
Aniline	1000	ND(0.35)	ND(0.39)	ND(0.36)	ND(0.34) [ND(0.34)]	ND(0.40)	ND(0.30)
Anthracene	1000	ND(0.35)	ND(0.39)	ND(0.36)	ND(0.34) [ND(0.34)]	ND(0.40)	ND(0.30)
Aramite	Not Listed	ND(1.7)	ND(1.9)	ND(1.7)	ND(1.7) [ND(1.7)]	ND(0.90)	ND(0.70)
Benzidine	10	ND(3.5)	ND(3.9)	ND(3.6)	ND(3.4) [ND(3.4)]	ND(0.90)	ND(0.70)
Benzo(a)anthracene	0.7	ND(0.35)	ND(0.39)	ND(0.36)	ND(0.34) [ND(0.34)]	ND(0.40)	ND(0.30)
Benzo(a)pyrene	0.7	ND(0.35)	ND(0.39)	ND(0.36)	ND(0.34) [ND(0.34)]	ND(0.40)	ND(0.30)
Benzo(b)fluoranthene	0.7	ND(0.35)	ND(0.39)	ND(0.36)	ND(0.34) [ND(0.34)]	ND(0.40)	ND(0.30)
Benzo(g,h,i)perylene	1000	ND(0.35)	ND(0.39)	ND(0.36)	ND(0.34) [ND(0.34)]	ND(0.40)	ND(0.30)
Benzo(k)fluoranthene	7	ND(0.35)	ND(0.39)	ND(0.36)	ND(0.34) [ND(0.34)]	ND(0.40)	ND(0.30)
Benzyl Alcohol	Not Listed	ND(0.35)	ND(0.39)	ND(0.36)	ND(0.34) [ND(0.34)]	ND(0.90)	ND(0.70)
bis(2-Chloroethoxy)methane	500	ND(0.35)	ND(0.39)	ND(0.36)	ND(0.34) [ND(0.34)]	ND(0.40)	ND(0.30)
bis(2-Chloroethyl)ether	0.7	ND(0.35)	ND(0.39)	ND(0.36)	ND(0.34) [ND(0.34)]	ND(0.40)	ND(0.30)
bis(2-Chloroisopropyl)ether	0.7	ND(0.35)	ND(0.39)	ND(0.36)	ND(0.34) [ND(0.34)]	ND(0.40)	ND(0.30)
bis(2-Ethylhexyl)phthalate	100	ND(0.35)	ND(0.39)	ND(0.36)	ND(0.34) [ND(0.34)]	ND(0.40)	ND(0.30)
Butylbenzylphthalate	100	ND(0.35)	ND(0.39)	ND(0.36)	ND(0.34) [ND(0.34)]	ND(0.90)	ND(0.70)
Chrysene	7	ND(0.35)	ND(0.39)	ND(0.36)	ND(0.34) [ND(0.34)]	ND(0.40)	ND(0.30)
Dibenzo(a,h)anthracene	0.7	ND(0.35)	ND(0.39)	ND(0.36)	ND(0.34) [ND(0.34)]	ND(0.90)	ND(0.70)
Dibenzofuran	100	ND(0.35)	ND(0.39)	ND(0.36)	ND(0.34) [ND(0.34)]	ND(0.40)	ND(0.30)

(See Notes on Page 4)

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS
DALTON HARDWOOD BACKFILL SAMPLING

SUMMARY OF APPENDIX-IX+3 SOIL DATA
(Results in ppm, dry-weight)

Sample ID: / Sample Depth(Feet): / Date Collected:	MCP RCS-1 Reportable Concentrations	DHW-BF-C1 0-0 07/28/98	DHW-BF-C2 0-0 07/28/98	DHW-BF-C3 0-0 07/28/98	DHW-BF-C4 0-0 07/28/98	DHW-BF-C5 0-0 07/21/99	DHW-BF-C6 0-0 07/21/99
Semivolatile Organics (continued)							
Diethylphthalate	0.7	ND(0.35)	ND(0.39)	ND(0.36)	ND(0.34) [ND(0.34)]	ND(0.40)	ND(0.30)
Dimethylphthalate	0.7	ND(0.35)	ND(0.39)	ND(0.36)	ND(0.34) [ND(0.34)]	ND(0.40)	ND(0.30)
Di-n-Butylphthalate	50	ND(0.35)	ND(0.39)	ND(0.36)	ND(0.34) [ND(0.34)]	ND(0.40)	ND(0.30)
Di-n-Octylphthalate	1000	ND(0.35)	ND(0.39)	ND(0.36)	ND(0.34) [ND(0.34)]	ND(0.40)	ND(0.30)
Dinoseb	500	ND(0.70)	ND(0.79)	ND(0.72)	ND(0.68) [ND(0.69)]	NA	NA
Diphenylamine	10	ND(0.35)	ND(0.39)	ND(0.36)	ND(0.34) [ND(0.34)]	ND(0.40)	ND(0.30)
Ethyl Methanesulfonate	10	ND(0.35)	ND(0.39)	ND(0.36)	ND(0.34) [ND(0.34)]	ND(0.40)	ND(0.30)
Fluoranthene	1000	ND(0.35)	ND(0.39)	ND(0.36)	ND(0.34) [ND(0.34)]	ND(0.40)	ND(0.30)
Fluorene	400	ND(0.35)	ND(0.39)	ND(0.36)	ND(0.34) [ND(0.34)]	ND(0.40)	ND(0.30)
Hexachlorobenzene	0.7	ND(0.35)	ND(0.39)	ND(0.36)	ND(0.34) [ND(0.34)]	ND(0.40)	ND(0.30)
Hexachlorobutadiene	3	ND(0.35)	ND(0.39)	ND(0.36)	ND(0.34) [ND(0.34)]	ND(2.0)	ND(2.0)
Hexachlorocyclopentadiene	50	ND(1.7)	ND(1.9)	ND(1.7)	ND(1.7) [ND(1.7)]	ND(0.40)	ND(0.30)
Hexachloroethane	6	ND(0.35)	ND(0.39)	ND(0.36)	ND(0.34) [ND(0.34)]	ND(0.40)	ND(0.30)
Hexachlorophene	100	NA	NA	NA	NA	ND(0.90)	ND(0.70)
Hexachloropropene	500	ND(3.5)	ND(3.9)	ND(3.6)	ND(3.4) [ND(3.4)]	ND(0.40)	ND(0.30)
Indeno(1,2,3-cd)pyrene	0.7	ND(0.35)	ND(0.39)	ND(0.36)	ND(0.34) [ND(0.34)]	ND(0.90)	ND(0.70)
Isodrin	10	NA	NA	NA	NA	ND(0.40)	ND(0.30)
Isophorone	100	ND(0.35)	ND(0.39)	ND(0.36)	ND(0.34) [ND(0.34)]	ND(0.40)	ND(0.30)
Isosafrole	100	ND(0.70)	ND(0.79)	ND(0.72)	ND(0.68) [ND(0.69)]	ND(0.90)	ND(0.70)
Methapyrilene	1000	ND(1.7)	ND(1.9)	ND(1.7)	ND(1.7) [ND(1.7)]	ND(2.0)	ND(2.0)
Methyl Methanesulfonate	1000	ND(0.35)	ND(0.39)	ND(0.36)	ND(0.34) [ND(0.34)]	ND(0.40)	ND(0.30)
Naphthalene	4	ND(0.35)	ND(0.39)	ND(0.36)	ND(0.34) [ND(0.34)]	ND(0.40)	ND(0.30)
Nitrobenzene	500	ND(0.35)	ND(0.39)	ND(0.36)	ND(0.34) [ND(0.34)]	ND(0.40)	ND(0.30)
N-Nitrosodiethylamine	10	ND(0.35)	ND(0.39)	ND(0.36)	ND(0.34) [ND(0.34)]	ND(0.40)	ND(0.30)
N-Nitrosodimethylamine	50	ND(0.35)	ND(0.39)	ND(0.36)	ND(0.34) [ND(0.34)]	ND(2.0)	ND(2.0)
N-Nitroso-di-n-butylamine	50	ND(0.35)	ND(0.39)	ND(0.36)	ND(0.34) [ND(0.34)]	ND(0.90)	ND(0.70)
N-Nitroso-di-n-propylamine	50	ND(0.35)	ND(0.39)	ND(0.36)	ND(0.34) [ND(0.34)]	ND(2.0)	ND(2.0)
N-Nitrosodiphenylamine	100	ND(0.35)	ND(0.39)	ND(0.36)	ND(0.34) [ND(0.34)]	ND(0.40)	ND(0.30)
N-Nitrosomethylethylamine	Not Listed	ND(0.35)	ND(0.39)	ND(0.36)	ND(0.34) [ND(0.34)]	ND(0.70)	ND(0.70)
N-Nitrosomorpholine	Not Listed	ND(0.35)	ND(0.39)	ND(0.36)	ND(0.34) [ND(0.34)]	ND(0.40)	ND(0.30)
N-Nitrosopiperidine	50	ND(0.35)	ND(0.39)	ND(0.36)	ND(0.34) [ND(0.34)]	ND(0.40)	ND(0.30)
N-Nitrosopyrrolidine	10	ND(0.35)	ND(0.39)	ND(0.36)	ND(0.34) [ND(0.34)]	ND(0.90)	ND(0.70)
o,o,o-Triethylphosphorothioate	Not Listed	NA	NA	NA	NA	ND(0.40)	ND(0.30)
o-Toluidine	100	ND(0.70)	ND(0.79)	ND(0.72)	ND(0.68) [ND(0.69)]	ND(0.40)	ND(0.30)
p-Dimethylaminoazobenzene	50	ND(0.35)	ND(0.39)	ND(0.36)	ND(0.34) [ND(0.34)]	ND(2.0)	ND(2.0)
Pentachlorobenzene	50	ND(0.35)	ND(0.39)	ND(0.36)	ND(0.34) [ND(0.34)]	ND(0.40)	ND(0.30)
Pentachloroethane	50	ND(1.7)	ND(1.9)	ND(1.7)	ND(1.7) [ND(1.7)]	ND(0.40)	ND(0.30)
Pentachloronitrobenzene	100	ND(1.7)	ND(1.9)	ND(1.7)	ND(1.7) [ND(1.7)]	ND(2.0)	ND(2.0)
Pentachlorophenol	5	ND(1.7)	ND(1.9)	ND(1.7)	ND(1.7) [ND(1.7)]	ND(2.0)	ND(2.0)
Phenacetin	100	ND(0.70)	ND(0.79)	ND(0.72)	ND(0.68) [ND(0.69)]	ND(2.0)	ND(2.0)
Phenanthrene	100	ND(0.35)	ND(0.39)	ND(0.36)	ND(0.34) [ND(0.34)]	ND(0.40)	ND(0.30)
Phenol	60	ND(0.35)	ND(0.39)	ND(0.36)	ND(0.34) [ND(0.34)]	ND(0.40)	ND(0.30)
Pronamide	1000	ND(0.70)	ND(0.79)	ND(0.72)	ND(0.68) [ND(0.69)]	ND(0.40)	ND(0.30)
Pyrene	700	ND(0.35)	ND(0.39)	ND(0.36)	ND(0.34) [ND(0.34)]	ND(0.40)	ND(0.30)
Pyridine	500	ND(0.70)	ND(0.79)	ND(0.72)	ND(0.68) [ND(0.69)]	ND(0.40)	ND(0.30)
Safrole	100	ND(0.70)	ND(0.79)	ND(0.72)	ND(0.68) [ND(0.69)]	ND(0.40)	ND(0.30)
Thionazin	100	NA	NA	NA	NA	ND(0.40)	ND(0.30)
Inorganics							
Antimony	10	ND(1.10)	0.290 J*	ND(1.10)	ND(1.00) [ND(1.00)]	ND(9.60)	ND(9.40)
Arsenic	30	2.00	4.50	3.00	4.00 [3.60]	ND(16.0)	ND(15.8)
[illegible]	1000	43.0	34.0	51.6	22.0 [43.2]	65.0	ND(31.5)
[illegible]	0.7	0.220 J*	0.310 J*	0.250 J*	0.310 J* [0.260 J*]	0.410	0.230
[illegible]	30	0.490 J*	0.200 J*	0.150 J*	0.120 J* [0.120 J*]	ND(1.60)	ND(1.60)
Chromium	1000	4.80	7.20	5.80	4.10 [4.90]	7.20	4.40
Cobalt	500	6.80	10.1	10.3	7.90 [15.1]	15.8	ND(7.90)
Copper	1000	7.70	13.3	9.10	8.80 [10.3]	ND(16.0)	ND(15.8)
Cyanide	100	ND(2.60)	ND(3.00)	ND(2.70)	ND(2.60) [ND(2.6)]	ND(1.00)	ND(1.00)
Lead	300	2.30	5.40	4.40	3.40 [4.40]	8.10	4.30
Mercury	20	0.000370 J*	0.00640 J*	0.00330 J*	0.00340 J* [0.00170 J*]	ND(0.210)	ND(0.210)
Nickel	300	9.90	15.3	11.9	12.8 [13.7]	19.4	10.4
Selenium	400	ND(0.550)	ND(0.600)	ND(0.550)	ND(0.520) [0.230 J*]	ND(0.800)	ND(0.790)
Silver	100	0.170 J*	ND(1.20)	0.0520 J*	ND(1.00) [0.0540 J*]	ND(0.800)	ND(0.790)
Sulfide	Not Listed	ND(210)	ND(240)	ND(220)	ND(210) [ND(210)]	ND(5.30)	ND(5.20)
Thallium	8	1.30	1.20	1.10	0.580 J* [1.10]	ND(1.60)	ND(1.60)
Tin	Not Listed	ND(10.5)	ND(11.9)	ND(10.9)	ND(10.4) [ND(10.4)]	ND(47.9)	ND(47.3)
Vanadium	400	5.90	9.00	6.40	5.70 [5.80]	8.80	ND(7.90)
Zinc	2500	29.2	47.7	36.2	41.2 [36.7]	46.8	29.4

(See Notes on Page 4)

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS
DALTON HARDWOOD BACKFILL SAMPLING

SUMMARY OF APPENDIX-IX+3 SOIL DATA
(Results in ppm, dry-weight)

Notes:

1) Samples were collected by Blasland, Bouck & Lee, Inc., and were submitted to Quanterra Environmental Services, Inc. and CT&E Environmental Services, Inc. for analysis of Appendix IX+3 constituents (excluding dioxins, furans, herbicides, and pesticides).
2) ND - Analyte was not detected. The number in parentheses is the associated quantitation limit for volatiles and semivolatiles and the associated detection limit for other constituents.
3) J* - Indicates an estimated value between the instrument detection limit and the CLP-required detection limit.
4) NA - Not Analyzed - Laboratory did not report results for this analyte.
5) Duplicate results are presented in brackets.
6) -Shading indicates that value exceeds MCP RCS-1 reportable concentration.

Appendix H

BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Laboratory Analytical Data for School Building PCB Wipe Sampling

Adirondack Environmental Services, Inc.
Experience is the solution
314 North Pearl Street • Albany, New York 12207 • 800-848-4983 • (518) 434-4546 • Fax (518) 434-0891

LABORATORY REPORT

for

GENERAL ELECTRIC COMPANY
100 WOODLAWN AVENUE
PITTSFIELD, MA 01201

Attention: RICHARD GATES

PJ:210.84.04
Faxed:08/02/99&02/16
Purchase Order #: A899045756

CC: Fax:B.Eullan

Report date: 02/16/00
Number of samples analyzed: 7
AES Project ID: 990829 A
Invoice #: 203960

ELAP ID#: 10709

AIHA ID#: 7866

Adironaack Environmental Services, Inc.

Experience is the solution

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CLIENT: GENERAL ELECTRIC COMPANY
CLIENT'S SAMPLE ID: AS-120-W1
AES sample #: 990829 A01

Date Sampled: 08/29/99
Date sample received: 08/29/99

Samples taken by: Client
MATRIX: Wipe

Location: Allendale
grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
CLP-PCB-1016	EPA-8082	<10	ug/ 100cm2	SO-PCB-AD6	08/29/99
CLP-PCB-1221	EPA-8082	<10	ug/ 100cm2	SO-PCB-AD6	08/29/99
CLP-PCB-1232	EPA-8082	<10	ug/ 100cm2	SO-PCB-AD6	08/29/99
CLP-PCB-1242	EPA-8082	<10	ug/ 100cm2	SO-PCB-AD6	08/29/99
CLP-PCB-1248	EPA-8082	<10	ug/ 100cm2	SO-PCB-AD6	08/29/99
CLP-PCB-1254	EPA-8082	<10	ug/ 100cm2	SO-PCB-AD6	08/29/99
CLP-PCB-1260	EPA-8082	<10	ug/ 100cm2	SO-PCB-AD6	08/29/99

Adirondack Environmental Services, Inc.
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CLIENT: GENERAL ELECTRIC COMPANY
CLIENT'S SAMPLE ID: AS-122-W1
AES sample #: 990829 A02

Date Sampled: 08/29/99
Date sample received: 08/29/99
Samples taken by: Client
MATRIX: Wipe
Location: Allendale
grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
CLP-PCB-1016	EPA-8082	<10	ug/ 100cm2	SO-PCB-AD6	08/29/99
CLP-PCB-1221	EPA-8082	<10	ug/ 100cm2	SO-PCB-AD6	08/29/99
CLP-PCB-1232	EPA-8082	<10	ug/ 100cm2	SO-PCB-AD6	08/29/99
CLP-PCB-1242	EPA-8082	<10	ug/ 100cm2	SO-PCB-AD6	08/29/99
CLP-PCB-1248	EPA-8082	<10	ug/ 100cm2	SO-PCB-AD6	08/29/99
CLP-PCB-1254	EPA-8082	<10	ug/ 100cm2	SO-PCB-AD6	08/29/99
CLP-PCB-1260	EPA-8082	<10	ug/ 100cm2	SO-PCB-AD6	08/29/99

FEB 16 '00 12:21 F-371 T-353 P-004

Adirondack
Environmental Services, Inc.
Experience is the solution
314 North Pearl Street • Albany, New York 12207 • 800-848-4983 • (518) 434-4546 • Fax (518) 434-0891

CLIENT: GENERAL ELECTRIC COMPANY
CLIENT'S SAMPLE ID: AS-124-W1
AES sample #: 990829 A03

Date Sampled: 08/29/99
Date sample received: 08/29/99
Samples taken by: Client
Location: Allendale
MATRIX: Wipe
grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
CLP-PCB-1016	EPA-8082	<10	ug/ 100cm2	SO-PCB-AD6	08/29/99
CLP-PCB-1221	EPA-8082	<10	ug/ 100cm2	SO-PCB-AD6	08/29/99
CLP-PCB-1232	EPA-8082	<10	ug/ 100cm2	SO-PCB-AD6	08/29/99
CLP-PCB-1242	EPA-8082	<10	ug/ 100cm2	SO-PCB-AD6	08/29/99
CLP-PCB-1248	EPA-8082	<10	ug/ 100cm2	SO-PCB-AD6	08/29/99
CLP-PCB-1254	EPA-8082	<10	ug/ 100cm2	SO-PCB-AD6	08/29/99
CLP-PCB-1260	EPA-8082	<10	ug/ 100cm2	SO-PCB-AD6	08/29/99

Adirondack Environmental Services, Inc.
Experience is the solution
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CLIENT: GENERAL ELECTRIC COMPANY
CLIENT'S SAMPLE ID: AS-126-W1
AES sample #: 990829 A04

Date Sampled: 08/29/99
Date sample received: 08/29/99
Samples taken by: Client
MATRIX: Wipe
Location: Allendale
grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
CLP-PCB-1016	EPA-8082	<10	ug/ 100cm2	SO-PCB-AD6	08/29/99
CLP-PCB-1221	EPA-8082	<10	ug/ 100cm2	SO-PCB-AD6	08/29/99
CLP-PCB-1232	EPA-8082	<10	ug/ 100cm2	SO-PCB-AD6	08/29/99
CLP-PCB-1242	EPA-8082	<10	ug/ 100cm2	SO-PCB-AD6	08/29/99
CLP-PCB-1248	EPA-8082	<10	ug/ 100cm2	SO-PCB-AD6	08/29/99
CLP-PCB-1254	EPA-8082	<10	ug/ 100cm2	SO-PCB-AD6	08/29/99
CLP-PCB-1260	EPA-8082	<10	ug/ 100cm2	SO-PCB-AD6	08/29/99

Adirondack Environmental Services Inc.
Experience is the solution
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CLIENT: GENERAL ELECTRIC COMPANY
CLIENT'S SAMPLE ID: AS-128-W1
AES sample #: 990829 A05

Samples taken by: Client
MATRIX: Wipe

Date Sampled: 08/29/99
Date sample received: 08/29/99
Location: Allendale
grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
CLP-PCB-1016	EPA-8082	<10	ug/ 100cm2	SO-PCB-AD6	08/29/99
CLP-PCB-1221	EPA-8082	<10	ug/ 100cm2	SO-PCB-AD6	08/29/99
CLP-PCB-1232	EPA-8082	<10	ug/ 100cm2	SO-PCB-AD6	08/29/99
CLP-PCB-1242	EPA-8082	<10	ug/ 100cm2	SO-PCB-AD6	08/29/99
CLP-PCB-1248	EPA-8082	<10	ug/ 100cm2	SO-PCB-AD6	08/29/99
CLP-PCB-1254	EPA-8082	<10	ug/ 100cm2	SO-PCB-AD6	08/29/99
CLP-PCB-1260	EPA-8082	<10	ug/ 100cm2	SO-PCB-AD6	08/29/99

Albany, NY • Saratoga Springs, NY • New Haven, CT

FEB 16 '00 12:21 F-371 T-353 P-007

Adirondack Environmental Services, Inc.
Experience is the solution
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CLIENT: GENERAL ELECTRIC COMPANY
CLIENT'S SAMPLE ID: AS-130-W1
AES sample #: 990829 A06

Date Sampled: 08/29/99
Date sample received: 08/29/99
Samples taken by: Client
MATRIX: Wipe
Location: Allendale
grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
CLP-PCB-1016	EPA-8082	<10	ug/ 100cm2	SO-PCB-AD6	08/29/99
CLP-PCB-1221	EPA-8082	<10	ug/ 100cm2	SO-PCB-AD6	08/29/99
CLP-PCB-1232	EPA-8082	<10	ug/ 100cm2	SO-PCB-AD6	08/29/99
CLP-PCB-1242	EPA-8082	<10	ug/ 100cm2	SO-PCB-AD6	08/29/99
CLP-PCB-1248	EPA-8082	<10	ug/ 100cm2	SO-PCB-AD6	08/29/99
CLP-PCB-1254	EPA-8082	<10	ug/ 100cm2	SO-PCB-AD6	08/29/99
CLP-PCB-1260	EPA-8082	<10	ug/ 100cm2	SO-PCB-AD6	08/29/99

Adirondack Environmental Services, Inc.
Experience is the solution
314 North Pearl Street • Albany, New York 12207 • 800-848-4983 • (518) 434-4546 • Fax (518) 434-0891

CLIENT: GENERAL ELECTRIC COMPANY
CLIENT'S SAMPLE ID: AS-132-W1
AES sample #: 990829 A07

Samples taken by: Client
MATRIX: Wipe

Date Sampled: 08/29/99
Date sample received: 08/29/99
Location: Allendale
grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
CLP-PCB-1016	EPA-8082	<10	ug/ 100cm2	SO-PCB-AD6	08/29/99
CLP-PCB-1221	EPA-8082	<10	ug/ 100cm2	SO-PCB-AD6	08/29/99
CLP-PCB-1232	EPA-8082	<10	ug/ 100cm2	SO-PCB-AD6	08/29/99
CLP-PCB-1242	EPA-8082	<10	ug/ 100cm2	SO-PCB-AD6	08/29/99
CLP-PCB-1248	EPA-8082	<10	ug/ 100cm2	SO-PCB-AD6	08/29/99
CLP-PCB-1254	EPA-8082	<10	ug/ 100cm2	SO-PCB-AD6	08/29/99
CLP-PCB-1260	EPA-8082	<10	ug/ 100cm2	SO-PCB-AD6	08/29/99

APPROVED BY: [signature]
Report date: 02/16/00

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists
6723 Towpath Road, P.O. Box 66
Syracuse, New York 13214-0066
TEL: (315) 446-9120

CHAIN OF CUSTODY RECORD

PROJ. NO. 2018404 **PROJECT NAME** ALLENDALE SCHOOL INTERIOR WIPE SAMP PROG.

SAMPLERS: *(Signature)*

STA. NO.	DATE	TIME	COMP.	~~GRAB~~ WIPES	STATION LOCATION	Number of Containers	PCBS					REMARKS
	8-29-99	10:25		X	AS-120-W1	1	X					DETECTION LIMIT OF
	8-29-99	10:30		X	AS-122-W1	1	X					1 ug/100 cm²
	8-29-99	10:35		X	AS-124-W1	1	X					
	8-29-99	10:40		X	AS-126-W1	1	X					RESULTS TO DICK GATES
	8-29-99	10:45		X	AS-128-W1	1	X					MON 8-30-99 AM
	8-29-99	10:50		X	AS-130-W1	1	X					
	8-29-99	11:00		X	AS-132-W1	1	X					

Relinquished by: *(Signature)*	DATE	TIME	Received by: *(Signature)*	Relinquished by: *(Signature)*	DATE	TIME	Relinquished by: *(Signature)*
[signature]	8-29-99	11:30	[signature]				

Relinquished by: *(Signature)*	DATE	TIME	Received by: *(Signature)*	Relinquished by: *(Signature)*	DATE	TIME	Relinquished by: *(Signature)*

Relinquished by: *(Signature)*	DATE	TIME	Received for Laboratory by: *(Signature)*	DATE	TIME	Remarks:

Distribution: Original Accompanies Shipment; Copy to Coordinator Field Files

Appendix I

BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Laboratory Analytical Data for Confirmation Wipe Samplng of Equipment

MAXYMILLIAN
Technologies

1801 EAST STREET
PITTSFIELD, MA 01201
413 499-3050
FAX 413 443-0511

Technical Report

PROJECT NAME: Allendale Equipment

prepared for

BBL
6723 Towpath Road
P.O. Box 66
Syracuse, NY 13214-0006

August 27, 1999

Issue Date
27 August 99

Report Number
1999/BBL/Equipment/082599

LABORATORY SERVICES TECHNICAL REPORT

PREPARED FOR:

Blasland, Bouck & Lee
6723 Towpath Road
P.O. Box 66
Syracuse, NY 13214-0066
(315) 446-9120

PROJECT: **Allendale Equipment**

Twelve (12) wipe samples and one (1) field blank were received by the Maxymillian Technologies' Analytical Laboratory on August 25, 1999. A one (1) day turnaround time was requested.

All samples were analyzed within the method specified maximum allowed holding times. All quality control was within laboratory determined acceptable limits.

All samples are analyzed by EPA approved methodologies. The *MT* analytical laboratory is a MA DEP and NY DOH certified testing facility.

MA Certification Number M-MA 146

NY Certification Number 11477

Report Reviewed By: Date:

John M. Massimiano 8/27/99

John M. Massimiano
Laboratory Director

Issue Date
27 August 99

Report Number
1999/BBL/Equipment/082599

SAMPLE RECEPTION INFORMATION

Project
Allendale

Requested TAT
1 Day

Quantity	Matrix	Analysis Method	Description	Collection Date	Preservative
12	Wipe	8082	PCBs	25 August 99	Cool 4° C
1	Field Blank	8082	PCBs	25 August 99	Cool 4° C

Samples inspected upon receipt by:
CR

Date Received
25 August 99

Issue Date
27 August 99

Report Number
1999/BBL/Equipment/082599

Polychlorinated Biphenyls

Analysis Required	Extraction Method	Analyst	Instrument
EPA Method 8082	Shake	CR	GC-ECD

Sample ID	C245-B W-1	C245-B W-2	C245-B W-3	C245-B W-4	MDL
	($\mu g/100cm^2$)	($\mu g/100cm^2$)	($\mu g/100cm^2$)	($\mu g/100cm^2$)	($\mu g/100cm^2$)
Parameter					
PCBs	ND	ND	ND	ND	1.50

QC Lot:
0824998082-WIPE

Polychlorinated Biphenyls

Analysis Required	Extraction Method	Analyst	Instrument
EPA Method 8082	Shake	CR	GC-ECD

Sample ID	C245-B W-5	K1166E-B W-1	K1166E-B W-2	K1166E-B W-3	MDL
	($\mu g/100cm^2$)	($\mu g/100cm^2$)	($\mu g/100cm^2$)	($\mu g/100cm^2$)	($\mu g/100cm^2$)
Parameter					
PCBs	ND	ND	ND	ND	1.50

QC Lot:
0824998082-WIPE

MDL = Analytical Method Detection Limit.
ND = Analyte of interest was not detected at the laboratory determined Analytical Method Detection Limit.

Issue Date
27 August 99

Report Number
1999/BBL/Equipment/082599

Polychlorinated Biphenyls

Analysis Required	Extraction Method	Analyst	Instrument
EPA Method 8082	Shake	CR	GC-ECD

Sample ID	K1166E-B W-4	K1166E-B W-5	K1166E-B W-6	K1166E-B W-7	MDL
	(μg/100cm^2)	(μg/100cm^2)	(μg/100cm^2)	(μg/100cm^2)	(μg/100cm^2)
Parameter					
PCBs	ND	ND	ND	ND	1.50

QC Lot:
0824998082-WIPE

Polychlorinated Biphenyls

Analysis Required	Extraction Method	Analyst	Instrument
EPA Method 8082	Shake	CR	GC-ECD

Sample ID	FIELD BLANK-1	MDL
	(μg/100cm^2)	(μg/100cm^2)
Parameter		
PCBs	ND	1.50

QC Lot:
0824998082-WIPE

MDL = Analytical Method Detection Limit.
ND = Analyte of interest was not detected at the laboratory determined Analytical Method Detection Limit.

Issue Date
27 August 99

Report Number
1999/BBL/Equipment/082599

QC LOT INFORMATION /PCB

QA/QC Lot:	Sample ID	MS/MSD Limit	% Recovery MS	% Recovery MSD	% RPD	RPD Limit
0824998082-Wipe	NA	83-112	102%	108%	6.35%	7
Spiked Wipe	NA	———	88.9%	———	———	———

Note: % Recovery and RPD Limits are determined by demonstrated laboratory performance.

MAXYMILLIAN
Technologies

1801 EAST STREET
PITTSFIELD, MA 01201
413 499-3050
FAX 413 443-0511

Technical Report

PROJECT NAME: Allendale Equipment

prepared for

BBL
6723 Towpath Road
P.O. Box 66
Syracuse, NY 13214-0006

August 30, 1999

Issue Date
30 August 99

Report Number
1999/BBL/Equipment/082799

LABORATORY SERVICES TECHNICAL REPORT

PREPARED FOR:

Blasland, Bouck & Lee
6723 Towpath Road
P.O. Box 66
Syracuse, NY 13214-0066
(315) 446-9120

PROJECT: Allendale Equipment

Twelve (12) wipe samples and one (1) field blank were received by the Maxymillian Technologies' Analytical Laboratory on August 27, 1999. An expedited turnaround time was requested.

All samples were analyzed within the method specified maximum allowed holding times. All quality control was within laboratory determined acceptable limits.

All samples are analyzed by EPA approved methodologies. The *MT* analytical laboratory is a MA DEP and NY DOH certified testing facility.

MA Certification Number M-MA 146

NY Certification Number 11477

Report Reviewed By: Date:

John M. Massimiano 8/30/99

John M. Massimiano
Laboratory Director

Issue Date
30 August 99

Report Number
1999/BBL/Equipment/082799

SAMPLE RECEPTION INFORMATION

Project
Allendale

Requested TAT
1 Day

Quantity	Matrix	Analysis Method	Description	Collection Date	Preservative
12	Wipe	8082	PCBs	27 August 99	Cool 4° C
1	Field Blank	8082	PCBs	27 August 99	Cool 4° C

Samples inspected upon receipt by:
CR

Date Received
27 August 99

Issue Date
30 August 99

Report Number
1999/BBL/Equipment/082799

Polychlorinated Biphenyls

Analysis Required	Extraction Method	Analyst	Instrument
EPA Method 8082	Shake	CR	GC-ECD

Sample ID	C245-T1 W-1	C245-T1 W-2	C245-T1 W-3	C245-T1 W-4	MDL
	(µg/100cm2)	(µg/100cm2)	(µg/100cm2)	(µg/100cm2)	(µg/100cm2)
Parameter					
PCBs	**ND**	**ND**	**ND**	**ND**	1.50

QC Lot:
0827998082-WIPE

Polychlorinated Biphenyls

Analysis Required	Extraction Method	Analyst	Instrument
EPA Method 8082	Shake	CR	GC-ECD

Sample ID	C245-T1 W-5	C245-T1 W-6	C245-T2 W-2	C245-T2 W-3	MDL
	(µg/100cm2)	(µg/100cm2)	(µg/100cm2)	(µg/100cm2)	(µg/100cm2)
Parameter					
PCBs	**ND**	**ND**	**ND**	**ND**	1.50

QC Lot:
0827998082-WIPE

MDL = Analytical Method Detection Limit.
ND = Analyte of interest was not detected at the laboratory determined Analytical Method Detection Limit.

Issue Date
30 August 99

Report Number
1999/BBL/Equipment/082799

Polychlorinated Biphenyls

Analysis Required	Extraction Method	Analyst	Instrument
EPA Method 8082	Shake	CR	GC-ECD

Sample ID	C245-T2 W-3	C245-T2 W-4	C245-T2 W-5	C245-T2 W-6	MDL
	($\mu g/100cm^2$)	($\mu g/100cm^2$)	($\mu g/100cm^2$)	($\mu g/100cm^2$)	($\mu g/100cm^2$)
Parameter					
PCBs	ND	ND	ND	ND	1.50

QC Lot:
0827998082-WIPE

Polychlorinated Biphenyls

Analysis Required	Extraction Method	Analyst	Instrument
EPA Method 8082	Shake	CR	GC-ECD

Sample ID	FIELD BLANK-1	MDL
	($\mu g/100cm^2$)	($\mu g/100cm^2$)
Parameter		
PCBs	ND	1.50

QC Lot:
0827998082-WIPE

MDL = Analytical Method Detection Limit.
ND = Analyte of interest was not detected at the laboratory determined Analytical Method Detection Limit.

Issue Date
30 August 99

Report Number
1999/BBL/Equipment/082799

QC LOT INFORMATION /PCB

QA/QC Lot:	Sample ID	MS/MSD Limit	% Recovery MS	% Recovery MSD	% RPD	RPD Limit
0827998082-Wipe	NA	83-112	95.8%	101%	5.64%	7
Spiked Wipe	NA	———	95.8%	———	———	———

Note: % Recovery and RPD Limits are determined by demonstrated laboratory performance.

MAXYMILLIAN Technologies

1801 EAST STREET
PITTSFIELD, MA 01201
413 499-3050
FAX 413 443-0511

Technical Report

PROJECT NAME: Allendale Equipment

prepared for

BBL
6723 Towpath Road
P.O. Box 66
Syracuse, NY 13214-0006

August 31, 1999

Issue Date
31 August 99

Report Number
1999/BBL/Equipment/083099

LABORATORY SERVICES TECHNICAL REPORT

PREPARED FOR:

Blasland, Bouck & Lee
6723 Towpath Road
P.O. Box 66
Syracuse, NY 13214-0066
(315) 446-9120

PROJECT: Allendale Equipment

Sixteen (16) wipe samples and one (1) field blank were received by the Maxymillian Technologies' Analytical Laboratory on August 30, 1999. An expedited turnaround time was requested.

All samples were analyzed within the method specified maximum allowed holding times. All quality control was within laboratory determined acceptable limits.

All samples are analyzed by EPA approved methodologies. The *MT* analytical laboratory is a MA DEP and NY DOH certified testing facility.

MA Certification Number M-MA 146

NY Certification Number 11477

Report Reviewed By: Date:

John M. Massimiano 8/31/99

John M. Massimiano
Laboratory Director

Issue Date
31 August 99

Report Number
1999/BBL/Equipment/083099

SAMPLE RECEPTION INFORMATION

Project
Allendale

Requested TAT
1 Day

Quantity	Matrix	Analysis Method	Description	Collection Date	Preservative
16	Wipe	8082	PCBs	30 August 99	Cool 4° C
1	Field Blank	8082	PCBs	30 August 99	Cool 4° C

Samples Inspected upon receipt by:
CR

Date Received
30 August 99

Issue Date
31 August 99

Report Number
1999/BBL/Equipment/083099

Polychlorinated Biphenyls

Analysis Required	Extraction Method	Analyst	Instrument
EPA Method 8082	Shake	CR	GC-ECD

Sample ID	K1166E-T1 W1	K1166E-T1 W2	MDL
	(µg/100cm^2)	(µg/100cm^2)	(µg/100cm^2)
Parameter			
PCBs	23.5	ND	1.50

QC Lot:
0827998082-WIPE

Polychlorinated Biphenyls

Analysis Required	Extraction Method	Analyst	Instrument
EPA Method 8082	Shake	CR	GC-ECD

Sample ID	K1166E-T1 W3	K1166E-T1 W4	K1166E-T1 W5	K1166E-T1 W6	MDL
	(µg/100cm^2)	(µg/100cm^2)	(µg/100cm^2)	(µg/100cm^2)	(µg/100cm^2)
Parameter					
PCBs	1.70	ND	ND	ND	1.50

QC Lot:
0830998082-WIPE

MDL = Analytical Method Detection Limit.
ND = Analyte of interest was not detected at the laboratory determined Analytical Method Detection Limit.

Issue Date
31 August 99

Report Number
1999/BBL/Equipment/083099

Polychlorinated Biphenyls

Analysis Required	Extraction Method	Analyst	Instrument
EPA Method 8082	Shake	CR	GC-ECD

Sample ID	K1166E-T1 W7	K1166E-T1 W8	K1166E-T2 W1	K1166E-T2 W2	MDL
	($\mu g/100cm^2$)	($\mu g/100cm^2$)	($\mu g/100cm^2$)	($\mu g/100cm^2$)	($\mu g/100cm^2$)
Parameter					
PCBs	ND	ND	ND	ND	1.50

QC Lot:
0830998082-WIPE

Polychlorinated Biphenyls

Analysis Required	Extraction Method	Analyst	Instrument
EPA Method 8082	Shake	CR	GC-ECD

Sample ID	K1166E-T2 W3	K1166E-T2 W4	K1166E-T2 W5	K1166E-T2 W6	MDL
	($\mu g/100cm^2$)	($\mu g/100cm^2$)	($\mu g/100cm^2$)	($\mu g/100cm^2$)	($\mu g/100cm^2$)
Parameter					
PCBs	ND	ND	ND	ND	1.50

QC Lot:
08230998082-WIPE

MDL = Analytical Method Detection Limit.
ND = Analyte of interest was not detected at the laboratory determined Analytical Method Detection Limit.

Issue Date
31 August 99

Report Number
1999/BBL/Equipment/083099

Polychlorinated Biphenyls

Analysis Required	Extraction Method	Analyst	Instrument
EPA Method 8082	Shake	CR	GC-ECD

Sample ID	K1166E-T2 W7	K1166E-T2 W8	FIELD BLANK	MDL
	($\mu g/100cm^2$)	($\mu g/100cm^2$)	($\mu g/100cm^2$)	($\mu g/100cm^2$)
Parameter				
PCBs	ND	ND	ND	1.50

QC Lot:
08230998082-WIPE

MDL = Analytical Method Detection Limit.
ND = Analyte of interest was not detected at the laboratory determined Analytical Method Detection Limit.

Issue Date
31 August 99

Report Number
1999/BBL/Equipment/083099

QC LOT INFORMATION /PCB

QA/QC Lot:	Sample ID	MS/MSD Limit	% Recovery MS	% Recovery MSD	% RPD	RPD Limit
0827998082-Wipe	NA	83-112	95.8%	101%	5.64%	7
0830998082-Wipe	NA	84-112	102%	95.1%	6.99%	7
Spiked Wipe	NA	----------	97.0%	----------	----------	----------

Note: % Recovery and RPD Limits are determined by demonstrated laboratory performance.

MAXYMILLIAN Technologies
1801 EAST STREET
PITTSFIELD, MA 01201
413 499-3050
FAX 413 443-0511

Technical Report

PROJECT NAME: Allendale Equipment

prepared for

BBL
6723 Towpath Road
P.O. Box 66
Syracuse, NY 13214-0006

September 1, 1999

Issue Date
01 Sept. 99

Report Number
1999/BBL/Equipment/083199

LABORATORY SERVICES TECHNICAL REPORT

PREPARED FOR:

Blasland, Bouck & Lee
6723 Towpath Road
P.O. Box 66
Syracuse, NY 13214-0066
(315) 446-9120

PROJECT: **Allendale Equipment**

Nineteen (19) wipe samples and one (1) field blank were received by the Maxymillian Technologies' Analytical Laboratory on August 31, 1999. An expedited turnaround time was requested.

All samples were analyzed within the method specified maximum allowed holding times. All quality control was within laboratory determined acceptable limits.

All samples are analyzed by EPA approved methodologies. The *MT* analytical laboratory is a MA DEP and NY DOH certified testing facility.

MA Certification Number M-MA 146

NY Certification Number 11477

Report Reviewed By: Date:

John M. Massimiano 9/1/99

John M. Massimiano
Laboratory Director

Issue Date
01 Sept. 99

Report Number
1999/BBL/Equipment/083199

SAMPLE RECEPTION INFORMATION

Project
Allendale

Requested TAT
1 Day

Quantity	Matrix	Analysis Method	Description	Collection Date	Preservative
19	Wipe	8082	PCBs	31 August 99	Cool 4° C
1	Field Blank	8082	PCBs	31 August 99	Cool 4° C

Samples inspected upon receipt by:
LM

Date Received
31 August 99

Issue Date
01 Sept. 99

Report Number
1999/BBL/Equipment/083199

Polychlorinated Biphenyls

Analysis Required	Extraction Method	Analyst	Instrument
EPA Method 8082	Shake	CR	GC-ECD

Sample ID	C330L-B W-1	C330L-B W-2	C330L-B W-3	C330L-T1 W-1	MDL
	(µg/100cm^2)	(µg/100cm^2)	(µg/100cm^2)	(µg/100cm^2)	(µg/100cm^2)
Parameter					
PCBs	ND	ND	ND	ND	1.50

QC Lot:
0830998082-WIPE

Polychlorinated Biphenyls

Analysis Required	Extraction Method	Analyst	Instrument
EPA Method 8082	Shake	CR	GC-ECD

Sample ID	C330L-T1 W-2	C330L-T1 W-3	MDL
	(µg/100cm^2)	(µg/100cm^2)	(µg/100cm^2)
Parameter			
PCBs	ND	ND	1.50

QC Lot:
0830998082-WIPE

MDL = Analytical Method Detection Limit.
ND = Analyte of interest was not detected at the laboratory determined Analytical Method Detection Limit.

Issue Date
01 Sept. 99

Report Number
1999/BBL/Equipment/083199

Polychlorinated Biphenyls

Analysis Required	Extraction Method	Analyst	Instrument
EPA Method 8082	Shake	CR	GC-ECD

Sample ID	C330L-T1 W-4	C330L-T1 W-5	C330L-T2 W-1	C330L-T2 W-2	MDL
Parameter	(µg/100cm2)	(µg/100cm2)	(µg/100cm2)	(µg/100cm2)	(µg/100cm2)
PCBs	ND	ND	ND	ND	1.50

QC Lot:
0831998082-WIPE

Polychlorinated Biphenyls

Analysis Required	Extraction Method	Analyst	Instrument
EPA Method 8082	Shake	CR	GC-ECD

Sample ID	C330L-T2 W3	C330L-T2 W4	C330L-T2 W5	BUCKET-1 W1	MDL
Parameter	(µg/100cm2)	(µg/100cm2)	(µg/100cm2)	(µg/100cm2)	(µg/100cm2)
PCBs	ND	ND	ND	ND	1.50

QC Lot:
0831998082-WIPE

MDL = Analytical Method Detection Limit.
ND = Analyte of interest was not detected at the laboratory determined Analytical Method Detection Limit.

Issue Date
01 Sept. 99

Report Number
1999/BBL/Equipment/083199

Polychlorinated Biphenyls

Analysis Required	Extraction Method	Analyst	Instrument
EPA Method 8082	Shake	CR	GC-ECD

Sample ID	BUCKET-1 W2	BUCKET-1 W3	BUCKET-2 W1	BUCKET-2 W2	MDL
	(μg/100cm^2)	(μg/100cm^2)	(μg/100cm^2)	(μg/100cm^2)	(μg/100cm^2)
Parameter					
PCBs	ND	ND	ND	ND	1.50

QC Lot:
0831998082-WIPE

Polychlorinated Biphenyls

Analysis Required	Extraction Method	Analyst	Instrument
EPA Method 8082	Shake	CR	GC-ECD

Sample ID	BUCKET-2 W3	FIELD BLANK	MDL
	(μg/100cm^2)	(μg/100cm^2)	(μg/100cm^2)
Parameter			
PCBs	ND	ND	1.50

QC Lot:
0831998082-WIPE

MDL = Analytical Method Detection Limit.
ND = Analyte of interest was not detected at the laboratory determined Analytical Method Detection Limit.

Issue Date
01 Sept. 99

Report Number
1999/BBL/Equipment/083199

QC LOT INFORMATION /PCB

QA/QC Lot:	Sample ID	MS/MSD Limit	% Recovery MS	% Recovery MSD	% RPD	RPD Limit
0830998082-Wipe	NA	84-112	102%	95.1%	6.99%	7
0831998082-Wipe	NA	84-112	97.4%	94.4%	3.30%	7
Spiked Wipe	NA	———	93.9%	———	———	———

Note: % Recovery and RPD Limits are determined by demonstrated laboratory performance.

MAXYMILLIAN Technologies
1801 EAST STREET
PITTSFIELD, MA 01201
413 499-3050
FAX 413 443-0511

Technical Report

PROJECT NAME: Allendale Equipment

prepared for

BBL
6723 Towpath Road
P.O. Box 66
Syracuse, NY 13214-0006

September 9, 1999

Issue Date
09 Sept. 99

Report Number
1999/BBL/Equipment/090899#1

LABORATORY SERVICES TECHNICAL REPORT

PREPARED FOR:

Blasland, Bouck & Lee
6723 Towpath Road
P.O. Box 66
Syracuse, NY 13214-0066
(315) 446-9120

PROJECT: **Allendale Equipment**

One (1) wipe sample was received by the Maxymillian Technologies' Analytical Laboratory on September 8, 1999. An expedited turnaround time was requested.

All samples were analyzed within the method specified maximum allowed holding times. All quality control was within laboratory determined acceptable limits.

All samples are analyzed by EPA approved methodologies. The *MT* analytical laboratory is a MA DEP and NY DOH certified testing facility.

MA Certification Number M-MA 146

NY Certification Number 11477

Report Reviewed By: Date:

John M. Massimiano 9/9/99

John M. Massimiano
Laboratory Director

Issue Date
09 Sept. 99

Report Number
1999/BBL/Equipment/090899#1

SAMPLE RECEPTION INFORMATION

Project
Allendale

Requested TAT
1 Day

Quantity	Matrix	Analysis Method	Description	Collection Date	Preservative
1	Wipe	8082	PCBs	08 Sept. 99	Cool 4° C

Samples inspected upon receipt by:
LM

Date Received
08 Sept. 99

Issue Date
09 Sept. 99

Report Number
1999/BBL/Equipment/090899#1

Polychlorinated Biphenyls

Analysis Required	Extraction Method	Analyst	Instrument
EPA Method 8082	Shake	CR	GC-ECD

Sample ID	K1166E-T1 W1-R1	MDL
	(μg/100cm^2)	(μg/100cm^2)
Parameter		
PCBs	**16.1**	1.50

QC Lot:
0902998082-WIPE

MDL = Analytical Method Detection Limit.
ND = Analyte of interest was not detected at the laboratory determined Analytical Method Detection Limit.

Issue Date
09 Sept. 99

Report Number
1999/BBL/Equipment/090899#1

QC LOT INFORMATION /PCB

QA/QC Lot:	Sample ID	MS/MSD Limit	% Recovery MS	% Recovery MSD	% RPD	RPD Limit
0902998082-Wipe	NA	84-111	96.2%	93.7%	2.71%	7

Note: % Recovery and RPD Limits are determined by demonstrated laboratory performance.

MAXYMILLIAN
Technologies

1801 EAST STREET
PITTSFIELD, MA 01201
413 499-3050
FAX 413 443-0511

Technical Report

PROJECT NAME: Allendale Equipment

prepared for

BBL
6723 Towpath Road
P.O. Box 66
Syracuse, NY 13214-0006

September 9, 1999

Issue Date
09 Sept. 99

Report Number
1999/BBL/Equipment/090999

LABORATORY SERVICES TECHNICAL REPORT

PREPARED FOR:

Blasland, Bouck & Lee
6723 Towpath Road
P.O. Box 66
Syracuse, NY 13214-0066
(315) 446-9120

PROJECT: **Allendale Equipment**

One (1) wipe sample was received by the Maxymillian Technologies' Analytical Laboratory on September 9, 1999. An expedited turnaround time was requested.

All samples were analyzed within the method specified maximum allowed holding times. All quality control was within laboratory determined acceptable limits.

All samples are analyzed by EPA approved methodologies. The *MT* analytical laboratory is a MA DEP and NY DOH certified testing facility.

MA Certification Number	M-MA 146
NY Certification Number	11477

Report Reviewed By:

Date:

9/9/99

John M. Massimiano
Laboratory Director

Issue Date
09 Sept. 99

Report Number
1999/BBL/Equipment/090999

SAMPLE RECEPTION INFORMATION

Project
Allendale

Requested TAT
1 Day

Quantity	Matrix	Analysis Method	Description	Collection Date	Preservative
1	Wipe	8082	PCBs	09 Sept. 99	Cool 4° C

Samples inspected upon receipt by:
LM

Date Received
09 Sept. 99

Issue Date
09 Sept. 99

Report Number
1999/BBL/Equipment/090999

Polychlorinated Biphenyls

Analysis Required	Extraction Method	Analyst	Instrument
EPA Method 8082	Shake	CR	GC-ECD

Sample ID	K1166E-T1 W1-R2	MDL
	($\mu g/100cm^2$)	($\mu g/100cm^2$)
Parameter		
PCBs	3.70	1.50

QC Lot:
0902998082-WIPE

MDL = Analytical Method Detection Limit.
ND = Analyte of interest was not detected at the laboratory determined Analytical Method Detection Limit.

Issue Date
09 Sept. 99

Report Number
1999/BBL/Equipment/090999

QC LOT INFORMATION /PCB

QA/QC Lot:	Sample ID	MS/MSD Limit	% Recovery MS	% Recovery MSD	% RPD	RPD Limit
0902998082-Wipe	NA	84-111	96.2%	93.7%	2.71%	7

Note: % Recovery and RPD Limits are determined by demonstrated laboratory performance.

MAXYMILLIAN Technologies

1801 EAST STREET
PITTSFIELD, MA 01201
413 499-3050
FAX 413 443-0511

Technical Report

PROJECT NAME: Allendale Equipment

prepared for

BBL
6723 Towpath Road
P.O. Box 66
Syracuse, NY 13214-0006

September 15, 1999

Issue Date
15 Sept. 99

Report Number
1999/BBL/Equipment/091399

LABORATORY SERVICES TECHNICAL REPORT

PREPARED FOR:

Blasland, Bouck & Lee
6723 Towpath Road
P.O. Box 66
Syracuse, NY 13214-0066
(315) 446-9120

PROJECT: **Allendale Equipment**

Thirteen (13) wipe samples were received by the Maxymillian Technologies' Analytical Laboratory on September 13, 1999. An expedited turnaround time was requested.

All samples were analyzed within the method specified maximum allowed holding times. All quality control was within laboratory determined acceptable limits.

All samples are analyzed by EPA approved methodologies. The *MT* analytical laboratory is a MA DEP and NY DOH certified testing facility.

MA Certification Number M-MA 146

NY Certification Number 11477

Report Reviewed By:

Date:

John M. Massimiano 9/15/99

John M. Massimiano
Laboratory Director

Issue Date
15 Sept. 99

Report Number
1999/BBL/Equipment/091399

SAMPLE RECEPTION INFORMATION

Project
Allendale

Requested TAT
1 Day

Quantity	Matrix	Analysis Method	Description	Collection Date	Preservative
13	Wipe	8082	PCBs	13 Sept. 99	Cool 4° C

Samples inspected upon receipt by:
LM

Date Received
13 Sept. 99

Issue Date
15 Sept. 99

Report Number
1999/BBL/Equipment/091399

Polychlorinated Biphenyls

Analysis Required	Extraction Method	Analyst	Instrument
EPA Method 8082	Shake	CR	GC-ECD

Sample ID	C330-51-T1 W1	C330-51-T1 W2	C330-51-T1 W3	C330-51-T1 W4	MDL
	($\mu g/100cm^2$)	($\mu g/100cm^2$)	($\mu g/100cm^2$)	($\mu g/100cm^2$)	($\mu g/100cm^2$)
Parameter					
PCBs	ND	ND	ND	1.70	1.50

QC Lot:
0902998082-WIPE

Polychlorinated Biphenyls

Analysis Required	Extraction Method	Analyst	Instrument
EPA Method 8082	Shake	CR	GC-ECD

Sample ID	C330-51-T1 W5	C330-51-T2 W1	C330-51-T2 W2	C330-51-T2 W3	MDL
	($\mu g/100cm^2$)	($\mu g/100cm^2$)	($\mu g/100cm^2$)	($\mu g/100cm^2$)	($\mu g/100cm^2$)
Parameter					
PCBs	ND	2.60	2.10	2.00	1.50

QC Lot:
0902998082-WIPE

MDL = Analytical Method Detection Limit.
ND = Analyte of interest was not detected at the laboratory determined Analytical Method Detection Limit.

Issue Date
15 Sept. 99

Report Number
1999/BBL/Equipment/091399

Polychlorinated Biphenyls

Analysis Required	Extraction Method	Analyst	Instrument
EPA Method 8082	Shake	CR	GC-ECD

Sample ID	C330-51-T2 W4	C330-51-T2 W5	C330-51-B W1	C330-51-B W2	MDL
Parameter	(μg/100cm^2)	(μg/100cm^2)	(μg/100cm^2)	(μg/100cm^2)	(μg/100cm^2)
PCBs	ND	1.90	11.0	ND	1.50

QC Lot:
0902998082-WIPE

Polychlorinated Biphenyls

Analysis Required	Extraction Method	Analyst	Instrument
EPA Method 8082	Shake	CR	GC-ECD

Sample ID	C330-51-B W3	MDL
Parameter	(μg/100cm^2)	(μg/100cm^2)
PCBs	2.50	1.50

QC Lot:
0902998082-WIPE

MDL = Analytical Method Detection Limit.
ND = Analyte of interest was not detected at the laboratory determined Analytical Method Detection Limit.

Issue Date
15 Sept. 99

Report Number
1999/BBL/Equipment/091399

QC LOT INFORMATION /PCB

QA/QC Lot:	Sample ID	MS/MSD Limit	% Recovery MS	% Recovery MSD	% RPD	RPD Limit
0902998082-Wipe	NA	84-111	96.2%	93.7%	2.71%	7

Note: % Recovery and RPD Limits are determined by demonstrated laboratory performance.

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists
6723 Towpath Road, P.O. Box 66
Syracuse, New York 13214-0066
TEL: (315) 446-9120

CHAIN OF CUSTODY RECORD

PROJ. NO.:
PROJECT NAME: ALLENDALE SCHOOL EQUIPMENT WIPE SAMPLING

SAMPLERS: (Signature) [illegible]

STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	Number of Containers	PCBS					REMARKS
	9/13/99	1300		X	C330-51-T1-W1	1	X					
		1305		X	-W2	1	X					
		1310		X	-W3	1	X					
		1315		X	-W4	1	X					
		1320		X	-W5	1	X					
		1400		X	C330-51-T2-W1	1	X					
		1405		X	-W2	1	X					
		1410		X	-W3	1	X					
		1415		X	-W4	1	X					
		1420		X	-W5	1	X					
		1500		X	C330-51-B-W1	1	X					
		1505		X	-W2	1	X					
		1510		X	-W3	1	X					

Relinquished by: (Signature)	DATE	TIME	Received by: (Signature)	Relinquished by: (Signature)	DATE	TIME	Relinquished by: (Signature)
[illegible]	9/13/99	1600					

Relinquished by: (Signature)	DATE	TIME	Received by: (Signature)	Relinquished by: (Signature)	DATE	TIME	Relinquished by: (Signature)

Relinquished by: (Signature)	DATE	TIME	Received for Laboratory by: (Signature)	DATE	TIME
			[illegible]	9/13/99	[illegible]

Remarks: SAMPLES TO MTI LAB [illegible]

MAXYMILLIAN Technologies
1801 EAST STREET
PITTSFIELD, MA 01201
413 499-3050
FAX 413 443-0511

Technical Report

PROJECT NAME: Allendale Equipment

prepared for

BBL
6723 Towpath Road
P.O. Box 66
Syracuse, NY 13214-0006

September 20, 1999

Issue Date
20 Sept, 99

Report Number
1999/BBL/Equipment/091599

LABORATORY SERVICES TECHNICAL REPORT

PREPARED FOR:

Blasland, Bouck & Lee
6723 Towpath Road
P.O. Box 66
Syracuse, NY 13214-0066
(315) 446-9120

PROJECT: Allendale Equipment

Forty-three (43) wipe samples were received by the Maxymillian Technologies' Analytical Laboratory on September 15, 1999. An expedited turnaround time was requested.

All samples were analyzed within the method specified maximum allowed holding times. All quality control was within laboratory determined acceptable limits.

All samples are analyzed by EPA approved methodologies. The *MT* analytical laboratory is a MA DEP and NY DOH certified testing facility.

MA Certification Number M-MA 146

NY Certification Number 11477

Report Reviewed By:

Date:

John M. Massimiano 9/20/99

John M. Massimiano
Laboratory Director

Issue Date
20 Sept. 99

Report Number
1999/BBL/Equipment/091599

SAMPLE RECEPTION INFORMATION

Project
Allendale

Requested TAT
1 Day

Quantity	Matrix	Analysis Method	Description	Collection Date	Preservative
43	Wipe	8082	PCBs	14 Sept. 99	Cool 4° C

Samples inspected upon receipt by:
LM

Date Received
15 Sept. 99

Issue Date
20 Sept. 99

Report Number
1999/BBL/Equipment/091599

Polychlorinated Biphenyls

Analysis Required	Extraction Method	Analyst	Instrument
EPA Method 8082	Shake	CR	GC-ECD

Sample ID	P-1-W1	P-2-W1	P-3-W1	P-4-W1	MDL
Parameter	(µg/100cm2)	(µg/100cm2)	(µg/100cm2)	(µg/100cm2)	(µg/100cm2)
PCBs	>60	>60	>60	7.00	1.50

QC Lot:
0915998082-WIPE-1

Polychlorinated Biphenyls

Analysis Required	Extraction Method	Analyst	Instrument
EPA Method 8082	Shake	CR	GC-ECD

Sample ID	P-5-W1	T-70-W1	T-70-W2	T-70-W3	MDL
Parameter	(µg/100cm2)	(µg/100cm2)	(µg/100cm2)	(µg/100cm2)	(µg/100cm2)
PCBs	17.3	16.6	4.90	2.80	1.50

QC Lot:
0915998082-WIPE-1

MDL = Analytical Method Detection Limit.
ND = Analyte of interest was not detected at the laboratory determined Analytical Method Detection Limit.

QC LOT INFORMATION /PCB

QA/QC Lot:	Sample ID	MS/MSD Limit	% Recovery MS	% Recovery MSD	% RPD	RPD Limit
1008998082-Wipe	NA	85-110	94.2%	97.4%	3.28%	7

Note: % Recovery and RPD Limits are determined by demonstrated laboratory performance

MAXYMILLIAN Technologies
1801 EAST STREET
PITTSFIELD MA 012C
413 499-0050
FAX 413 443-0511

Technical Report

PROJECT NAME: Allendale School Equipment

prepared for

BBL
6723 Towpath Road
P.O. Box 66
Syracuse, NY 13214-0006

December 20, 1999

Issue Date
20 Dec. 99

Report Number
1999/BBL/Equipment/121799#2

LABORATORY SERVICES TECHNICAL REPORT

PREPARED FOR:

Blasland, Bouck & Lee
6723 Towpath Road
P.O. Box 66
Syracuse, NY 13214-0066
(315) 446-9120

PROJECT: **Allendale School**

Eleven (11) wipe samples for PCB analysis were received by the Maxymillian Technologies' Analytical Laboratory on December 17, 1999. An expedited turnaround time was requested.

All samples were analyzed within the method specified maximum allowed holding times. All quality control was within laboratory determined acceptable limits.

All samples are analyzed by EPA approved methodologies. The *MT* analytical laboratory is a MA DEP and NY DOH certified testing facility.

MA Certification Number	M-MA 146
NY Certification Number	11477

Report Reviewed By: Date:

12/20/99

John M. Massimiano
Laboratory Director

Issue Date
20 Dec. 99

Report Number
1999/BBL/Equipment/121799#1

SAMPLE RECEPTION INFORMATION

Project
Allendale School

Requested TAT
ASAP

Quantity	Matrix	Analysis Method	Description	Collection Date	Preservative
11	Wipe	8082	PCBs	17 Dec. 99	Cool 4° C

Samples inspected upon receipt by:
LM

Date Received
17 Dec. 99

Issue Date
20 Dec. 99

Report Number
1999/BBL/Equipment/121799#2

Polychlorinated Biphenyls

Analysis Required	Extraction Method	Analyst	Instrument
EPA Method 8082	Shake	LP	GC-ECD

Sample ID	Allen Tank W-1	Allen Tank W-2	Allen Tank W-3	Allen Tank W-4	MDL
	(μg/100cm^2)	(μg/100cm^2)	(μg/100cm^2)	(μg/100cm^2)	(μg/100cm^2)
Parameter					
PCBs	4.70	ND	6.20	25.2	1.50

QC Lot:
1216998082-WIPE

Polychlorinated Biphenyls

Analysis Required	Extraction Method	Analyst	Instrument
EPA Method 8082	Shake	LP	GC-ECD

Sample ID	Allen Tank W-5	Allen Tank W-6	Allen Tank W-7	Allen Tank W-8	MDL
	(μg/100cm^2)	(μg/100cm^2)	(μg/100cm^2)	(μg/100cm^2)	(μg/100cm^2)
Parameter					
PCBs	1.70	ND	ND	ND	1.50

QC Lot:
1216998082-WIPE

MDL = Analytical Method Detection Limit.
ND = Analyte of interest was not detected at the laboratory determined Analytical Method Detection Limit.

Issue Date
20 Dec. 99

Report Number
1999/BBL/Equipment/121799#1

Polychlorinated Biphenyls

Analysis Required	Extraction Method	Analyst	Instrument
EPA Method 8082	Shake	LP	GC-ECD

Sample ID	Allen Tank W-9	Allen Tank W-10	Allen Tank W-11	MDL
	($\mu g/100cm^2$)	($\mu g/100cm^2$)	($\mu g/100cm^2$)	($\mu g/100cm^2$)
Parameter				
PCBs	**12.0**	**13.0**	**10.0**	1.50

QC Lot:
12179980S2-WIPE

MDL = Analytical Method Detection Limit.
ND = Analyte of interest was not detected at the laboratory determined Analytical Method Detection Limit.

Issue Date
20 Dec. 99

Report Number
1999/BBL/Equipment/121799#1

QC LOT INFORMATION /PCB

QA/QC Lot:	Sample ID	MS/MSD Limit	% Recovery MS	% Recovery MSD	% RPD	RPD Limit
1216998082-Wipe	NA	87-109	107%	102%	4.50%	5
1217998082-Wipe	NA	87-109	88.7%	96.0%	7.94%	6

Note: % Recovery and RPD Limits are determined by demonstrated laboratory performance.

Issue Date
20 Scpt. 99

Report Number
1999/BBL/Equipment/091599

Polychlorinated Biphenyls

Analysis Required	Extraction Method	Analyst	Instrument
EPA Method 8082	Shake	CR	GC-ECD

Sample ID	T-70-W4	T-70-W5	T-70-W6	T-70-W7	MDL
	(µg/100cm2)	(µg/100cm2)	(µg/100cm2)	(µg/100cm2)	(µg/100cm2)
Parameter					
PCBs	2.20	10.2	3.90	10.0	1.50

QC Lot:
0915998082-WIPE-1

Polychlorinated Biphenyls

Analysis Required	Extraction Method	Analyst	Instrument
EPA Method 8082	Shake	CR	GC-ECD

Sample ID	E-124-W1	E-124-W2	E-124-W3	E-124-W4	MDL
	(µg/100cm2)	(µg/100cm2)	(µg/100cm2)	(µg/100cm2)	(µg/100cm2)
Parameter					
PCBs	1.60	1.90	ND	ND	1.50

QC Lot:
0915998082-WIPE-I

MDL = Analytical Method Detection Limit.
ND = Analyte of interest was not detected at the laboratory determined Analytical Method Detection Limit.

Issue Date
20 Sept. 99

Report Number
1999/BBL/Equipment/091599

Polychlorinated Biphenyls

Analysis Required	Extraction Method	Analyst	Instrument
EPA Method 8082	Shake	CR	GC-ECD

Sample ID	E-124-W5	E-124-W6	E-124-W8	E-124-W8	MDL
Parameter	(μg/100cm^2)	(μg/100cm^2)	(μg/100cm^2)	(μg/100cm^2)	(μg/100cm^2)
PCBs	ND	ND	ND	ND	1.50

QC Lot:
0915998082-WIPE-1

Polychlorinated Biphenyls

Analysis Required	Extraction Method	Analyst	Instrument
EPA Method 8082	Shake	CR	GC-ECD

Sample ID	E-124-W9	E-125-W1	E-125-W2	E-125-W3	MDL
Parameter	(μg/100cm^2)	(μg/100cm^2)	(μg/100cm^2)	(μg/100cm^2)	(μg/100cm^2)
PCBs	ND	ND	2.80	2.20	1.50

QC Lot:
0915998082-WIPE-2

MDL = Analytical Method Detection Limit.
ND = Analyte of interest was not detected at the laboratory determined Analytical Method Detection Limit.

Issue Date
20 Sept. 99

Report Number
1999/BBL/Equipment/091599

Polychlorinated Biphenyls

Analysis Required	Extraction Method	Analyst	Instrument
EPA Method 8082	Shake	CR	GC-ECD

Sample ID	E-125-W4	E-125-W5	E-125-W6	E-125-W7	MDL
	(µg/100cm2)	(µg/100cm2)	(µg/100cm2)	(µg/100cm2)	(µg/100cm2)
Parameter					
PCBs	ND	ND	ND	ND	1.50

QC Lot:
0915998082-WIPE-2

Polychlorinated Biphenyls

Analysis Required	Extraction Method	Analyst	Instrument
EPA Method 8082	Shake	CR	GC-ECD

Sample ID	E-125-W8	E-125-W9	E-135-W1	E-135-W2	MDL
	(µg/100cm2)	(µg/100cm2)	(µg/100cm2)	(µg/100cm2)	(µg/100cm2)
Parameter					
PCBs	ND	ND	ND	ND	1.50

QC Lot:
0915998082-WIPE-2

MDL = Analytical Method Detection Limit.
ND = Analyte of interest was not detected at the laboratory determined Analytical Method Detection Limit.

Issue Date
20 Sept. 99

Report Number
1999/BBL/Equipment/091599

Polychlorinated Biphenyls

Analysis Required	Extraction Method	Analyst	Instrument
EPA Method 8082	Shake	CR	GC-ECD

Sample ID	E-135-W3	E-135-W4	E-135-W5	E-135-W6	MDL
Parameter	($\mu g/100cm^2$)	($\mu g/100cm^2$)	($\mu g/100cm^2$)	($\mu g/100cm^2$)	($\mu g/100cm^2$)
PCBs	4.30	ND	ND	ND	1.50

QC Lot:
0915998082-WIPE-2

Polychlorinated Biphenyls

Analysis Required	Extraction Method	Analyst	Instrument
EPA Method 8082	Shake	CR	GC-ECD

Sample ID	E-135-W7	E-135-W8	E-135-W9	T-69-W1	MDL
Parameter	($\mu g/100cm^2$)	($\mu g/100cm^2$)	($\mu g/100cm^2$)	($\mu g/100cm^2$)	($\mu g/100cm^2$)
PCBs	ND	1.60	ND	52.3	1.50

QC Lot:
0915998082-WIPE-2

MDL = Analytical Method Detection Limit.
ND = Analyte of interest was not detected at the laboratory determined Analytical Method Detection Limit.

Issue Date
20 Sept. 99

Report Number
1999/BBL/Equipment/091599

Polychlorinated Biphenyls

Analysis Required	Extraction Method	Analyst	Instrument
EPA Method 8082	Shake	CR	GC-ECD

Sample ID	T-69-W2	T-69-W3	T-69-W4	T-69-W5	MDL
	(µg/100cm2)	(µg/100cm2)	(µg/100cm2)	(µg/100cm2)	(µg/100cm2)
Parameter					
PCBs	2.10	3.80	4.60	5.20	1.50

QC Lot:
0915998082-WIPE-3

Polychlorinated Biphenyls

Analysis Required	Extraction Method	Analyst	Instrument
EPA Method 8082	Shake	CR	GC-ECD

Sample ID	T-69-W6	T-69-W7	T-67-W1	T-67-W2	MDL
	(µg/100cm2)	(µg/100cm2)	(µg/100cm2)	(µg/100cm2)	(µg/100cm2)
Parameter					
PCBs	24.9	4.60	61.7	9.20	1.50

QC Lot:
0915998082-WIPE-3

MDL = Analytical Method Detection Limit.
ND = Analyte of interest was not detected at the laboratory determined Analytical Method Detection Limit.

Issue Date
20 Sept. 99

Report Number
1999/BBL/Equipment/091599

Polychlorinated Biphenyls

Analysis Required	Extraction Method	Analyst	Instrument
EPA Method 8082	Shake	CR	GC-ECD

Sample ID	T-67-W3	T-67-W4	T-67-W5	T-67-W6	MDL
	($\mu g/100cm^2$)	($\mu g/100cm^2$)	($\mu g/100cm^2$)	($\mu g/100cm^2$)	($\mu g/100cm^2$)
Parameter					
PCBs	2.60	14.2	70.4	14.8	1.50

QC Lot:
09159980082-WIPE-3

Polychlorinated Biphenyls

Analysis Required	Extraction Method	Analyst	Instrument
EPA Method 8082	Shake	CR	GC-ECD

Sample ID	T-67-W7	MDL
	($\mu g/100cm^2$)	($\mu g/100cm^2$)
Parameter		
PCBs	57.5	1.50

QC Lot:
09159980082-WIPE-3

MDL = Analytical Method Detection Limit.
ND = Analyte of interest was not detected at the laboratory determined Analytical Method Detection Limit.

Issue Date
20 Sept. 99

Report Number
1999/BBL/Equipment/091599

QC LOT INFORMATION /PCB

QA/QC Lot:	Sample ID	MS/MSD Limit	% Recovery MS	% Recovery MSD	% RPD	RPD Limit
0915998082-Wipe-1	NA	84-111	101%	103%	1.24%	7
0915998082-Wipe-2	NA	83-112	90.3%	98.1%	8.29%	8
0915998082-Wipe-3	NA	83-112	104%	102%	2.45%	7

Note: % Recovery and RPD Limits are determined by demonstrated laboratory performance.

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists
6723 Towpath Road, P.O. Box 66
Syracuse, New York 13214-0066
TEL: (315) 446-9120

CHAIN OF CUSTODY RECORD

PROJ. NO.	PROJECT NAME
	ALLENDALE SCHOOL EQUIPMENT WIPE SAMPLING

SAMPLERS: (Signature) Paolo [signature]

STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	Number of Containers	PCBS					REMARKS
	9/14/99	1400		X	E-124-W1		X					
		1405		X	-W2		X					
		1410		X	-W3		X					
		1415		X	-W4		X					
		1420		X	-W5		X					
		1425		X	-W6		X					
		1430		X	-W7		X					
		1435		X	-W8		X					
		1440		X	-W9		X					
		1445		X	E-125-W1		X					
		1450		X	-W2		X					
		1455		X	-W3		X					
		1500		X	-W4		X					
		1505		X	-W5		X					

Relinquished by: (Signature)	DATE	TIME	Received by: (Signature)	Relinquished by: (Signature)	DATE	TIME	Relinquished by: (Signature)
Paolo [signature]	9/14/99	1700	K. DiPaolo [signature]				

Relinquished by: (Signature)	DATE	TIME	Received by: (Signature)	Relinquished by: (Signature)	DATE	TIME	Relinquished by: (Signature)

Relinquished by: (Signature)	DATE	TIME	Received for Laboratory by: (Signature)	DATE	TIME	Remarks:
			[signature]	9/15/99	08:30	SAMPLES TO MTI LAB

Distribution: Original Accompanies Shipment; Copy to Coordinator Field Files

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

6723 Towpath Road, P.O. Box 66
Syracuse, New York 13214-0066
TEL: (315) 446-9120

CHAIN OF CUSTODY RECORD

PROJ. NO.:

PROJECT NAME: ALLENDALE SCHOOL EQUIPMENT WIPE SAMPLING

SAMPLERS: (Signature)

STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	Number of Containers	PCBS					REMARKS
	9/14/99	1510		X	E-125-W6		X					
		1515		X	-W7		X					
		1520		X	-W8		X					
		1525		X	-W9		X					
		1530		X	E-135-W1		X					
		1535		X	-W2		X					
		1540		X	-W3		X					
		1545		X	-W4		X					
		1550		X	-W5		X					
		1555		X	-W6		X					
		1600		X	-W7		X					
		1605		X	-W8		X					
		1610		X	-W9		X					
		1615		X	T-70-W1		X					

Relinquished by: (Signature)	DATE	TIME	Received by: (Signature)	Relinquished by: (Signature)	DATE	TIME	Relinquished by: (Signature)
(signature)	9/14/99	1700	K. DiVallo				

Relinquished by: (Signature)	DATE	TIME	Received by: (Signature)	Relinquished by: (Signature)	DATE	TIME	Relinquished by: (Signature)

Relinquished by: (Signature)	DATE	TIME	Received for Laboratory by: (Signature)	DATE	TIME	Remarks:
						SAMPLES TO MTI LAB

Distribution: Original Accompanies Shipment; Copy to Coordinator Field Files

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

6723 Towpath Road, P.O. Box 66
Syracuse, New York 13214-0066
TEL: (315) 446-9120

CHAIN OF CUSTODY RECORD

PROJ. NO.:
PROJECT NAME: ALLENDALE SCHOOL EQUIPMENT WIPE SAMPLING
SAMPLERS: (Signature) Paolo [signature]

STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	Number of Containers	PCBs					REMARKS
	9/14/99	1620		X	T-70-W2		X					
		1625		X	-W3		X					
		1630		X	-W4		X					
		1635		X	-W5		X					
		1640		X	-W6		X					
		1645		X	-W7		X					
		1650		X	T-69-W1		X					
		1655		X	-W2		X					
		1700		X	-W3		X					
		1705		X	-W4		X					
		1710		X	-W5		X					
		1715		X	-W6		X					
		1720		X	-W7		X					
		1725		X	T-67-W1		X					

Relinquished by: (Signature)	DATE	TIME	Received by: (Signature)	Relinquished by: (Signature)	DATE	TIME	Relinquished by: (Signature)
Paolo [signature]	9/14/99	1700	K. DiLallo [signature]				
Relinquished by: (Signature)	DATE	TIME	Received by: (Signature)	Relinquished by: (Signature)	DATE	TIME	Relinquished by: (Signature)
Relinquished by: (Signature)	DATE	TIME	Received for Laboratory by: (Signature)	DATE	TIME	Remarks: SAMPLES TO MTI LAB	

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists
6723 Towpath Road, P.O. Box 66
Syracuse, New York 13214-0066
TEL: (315) 446-9120

4 of 4

CHAIN OF CUSTODY RECORD

PROJ. NO.	PROJECT NAME
	ALLENDALE SCHOOL EQUIPMENT WIPE SAMPLING

SAMPLERS: (Signature) Paolo Klipnitt

STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	Number of Containers	PCBS					REMARKS
	9/14/99	1730		X	T-67-W2		X					
		1735		X	-W3		X					
		1740		X	-W4		X					
		1745		X	-W5		X					
		1750		X	-W6		X					
		1755		X	-W7		X					
		1800		X	P-1-W1		X					
		1805		X	P-2-W1		X					
		1810		X	P-3-W1		X					
		1815		X	P-4-W1		X					
		1820		X	P-5-W1		X					

Relinquished by: (Signature)	DATE	TIME	Received by: (Signature)	Relinquished by: (Signature)	DATE	TIME	Relinquished by: (Signature)
Paolo Klipnitt	9/14/99	1700	K. DiBello				
Relinquished by: (Signature)	DATE	TIME	Received by: (Signature)	Relinquished by: (Signature)	DATE	TIME	Relinquished by: (Signature)
Relinquished by: (Signature)	DATE	TIME	Received for Laboratory by: (Signature)	DATE	TIME	Remarks: SAMPLES TO MTI	

Distribution: Original Accompanies Shipment; Copy to Coordinator Field Files

MAXYMILLIAN
Technologies

1801 EAST STREET
PITTSFIELD, MA 01201
413 499-3050
FAX 413 443-0511

Technical Report

PROJECT NAME: Allendale Equipment

prepared for

BBL
6723 Towpath Road
P.O. Box 66
Syracuse, NY 13214-0006

September 20, 1999

Issue Date
20 Sept. 99

Report Number
1999/BBL/Equipment/091699#2

LABORATORY SERVICES TECHNICAL REPORT

PREPARED FOR:

Blasland, Bouck & Lee
6723 Towpath Road
P.O. Box 66
Syracuse, NY 13214-0066
(315) 446-9120

PROJECT: Allendale

Four (4) wipe samples were received by the Maxymillian Technologies' Analytical Laboratory on September 16, 1999. An expedited turnaround time was requested.

All samples were analyzed within the method specified maximum allowed holding times. All quality control was within laboratory determined acceptable limits.

All samples are analyzed by EPA approved methodologies. The *MT* analytical laboratory is a MA DEP and NY DOH certified testing facility.

MA Certification Number M-MA 146

NY Certification Number 11477

Report Reviewed By: Date:

John M. Massimiano 9/20/99

John M. Massimiano
Laboratory Director

Issue Date
20 Sept. 99

Report Number
1999/BBL/Equipment/091699#2

SAMPLE RECEPTION INFORMATION

Project
Allendale

Requested TAT
ASAP

Quantity	Matrix	Analysis Method	Description	Collection Date	Preservative
4	Wipe	8082	PCBs	16 Sept. 99	Cool 4° C

Samples inspected upon receipt by:
LM

Date Received
16 Sept. 99

Issue Date
20 Sept. 99

Report Number
1999/BBL/Equipment/091699#2

Polychlorinated Biphenyls

Analysis Required	Extraction Method	Analyst	Instrument
EPA Method 8082	Shake	CR	GC-ECD

Sample ID	P1-W1-R1	P2-W1-R1	P3-W1-R1	P5-W1-R1	MDL
	(µg/100cm2)	(µg/100cm2)	(µg/100cm2)	(µg/100cm2)	(µg/100cm2)
Parameter					
PCBs	>60	>60	7.10	6.40	1.50

QC Lot:
0917998082-WIPE

MDL = Analytical Method Detection Limit.
ND = Analyte of interest was not detected at the laboratory determined Analytical Method Detection Limit.

Issue Date
20 Sept. 99

Report Number
1999/BBL/Equipment/091699#2

QC LOT INFORMATION /PCB

QA/QC Lot:	Sample ID	MS/MSD Limit	% Recovery MS	% Recovery MSD	% RPD	RPD Limit
0917998082-Wipe	NA	83-112	101%	98.1%	2.55%	8

Note: % Recovery and RPD Limits are determined by demonstrated laboratory performance.

BBL
...O BOUCK & LEE, INC.
...ers & scientists
...Towpath Road, P.O. Box 66
...cuse, New York 13214-0066
(315) 446-9120

CHAIN OF CUSTODY RECORD

1 of 1

...J. NO.	PROJECT NAME				
	ALLENDALE SCHOOL EQUIPMENT WIDE [redacted] SAMPLING				

...MPLERS: (Signature) [signature]

...L NO.	DATE	TIME	COMP.	GRAB	STATION LO[redacted]ATION	Number of Containers	PCBs						REMARKS
	9/16/99	1500		X	P-1-W1-R1		X						
	↓	1505		X	P-2-W1-R1		X						
	↓	1510		X	P-3-W1-R1		X						
	↓	1515		X	P-5-W1-R1 [redacted]		X						

...nquished by: (Signature)	DATE	TIME	Receiv[redacted] by: (Signature)	Relinquished by: (Signature)	DATE	TIME	Relinquished by: (Signature)
[signature]	9/16/99	1700					
...nquished by: (Signature)	DATE	TIME	Receiv[redacted] by: (Signature)	Relinquished by: (Signature)	DATE	TIME	Relinquished by: (Signature)
...nquished by: (Signature)	DATE	TIME	Receiv[redacted] for Laboratory by: (Signatur[redacted]e)	DATE	TIME	Remarks: SAMPLES TO MTI LAB PITTSFIELD, MA 01201	
			[signature] J. Melotte	9/16/99	16:00		

Distributio[redacted]: Original Accompanies Shipment; Copy to Coordinator Field Files

MAXYMILLIAN Technologies

1801 EAST STREET
PITTSFIELD, MA 01201
413 499-3050
FAX 413 443-0511

Technical Report

PROJECT NAME: Allendale Equipment

prepared for

BBL
6723 Towpath Road
P.O. Box 66
Syracuse, NY 13214-0006

September 20, 1999

Issue Date
20 Sept. 99

Report Number
1999/BBL/Equipment/091799

LABORATORY SERVICES TECHNICAL REPORT

PREPARED FOR:

Blasland, Bouck & Lee
6723 Towpath Road
P.O. Box 66
Syracuse, NY 13214-0066
(315) 446-9120

PROJECT: Allendale

Three (3) wipe samples were received by the Maxymillian Technologies' Analytical Laboratory on September 17, 1999. An expedited turnaround time was requested.

All samples were analyzed within the method specified maximum allowed holding times. All quality control was within laboratory determined acceptable limits.

All samples are analyzed by EPA approved methodologies. The *MT* analytical laboratory is a MA DEP and NY DOH certified testing facility.

MA Certification Number M-MA 146

NY Certification Number 11477

Report Reviewed By: Date:

John M. Massimiano 9/20/99

John M. Massimiano
Laboratory Director

Issue Date
20 Sept. 99

Report Number
1999/BBL/Equipment/091799

SAMPLE RECEPTION INFORMATION

Project
Allendale

Requested TAT
ASAP

Quantity	Matrix	Analysis Method	Description	Collection Date	Preservative
3	Wipe	8082	PCBs	17 Sept. 99	Cool 4° C

Samples inspected upon receipt by:
LM

Date Received
17 Sept. 99

Issue Date
20 Sept. 99

Report Number
1999/BBL/Equipment/091799

Polychlorinated Biphenyls

Analysis Required	Extraction Method	Analyst	Instrument
EPA Method 8082	Shake	CR	GC-ECD

Sample ID	C330-51-B W1-R1	C330-51-B W2-R1	C330-51-B W3-R1	MDL
	(µg/100cm^2)	(µg/100cm^2)	(µg/100cm^2)	(µg/100cm^2)
Parameter				
PCBs	**ND**	**ND**	**ND**	1.50

QC Lot:
0917998032-WIPE

MDL = Analytical Method Detection Limit.
ND = Analyte of interest was not detected at the laboratory determined Analytical Method Detection Limit.

Issue Date
20 Sept. 99

Report Number
1999/BBL/Equipment/091799

QC LOT INFORMATION /PCB

QA/QC Lot:	Sample ID	MS/MSD Limit	% Recovery MS	% Recovery MSD	% RPD	RPD Limit
0917998082-Wipe	NA	83-112	101%	98.1%	2.55%	8

Note: % Recovery and RPD Limits are determined by demonstrated laboratory performance.

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists
6723 Towpath Road, P.O. Box 66
Syracuse, New York 13214-0066
TEL: (315) 446-9120

CHAIN OF CUSTODY RECORD

PROJ. NO.:

PROJECT NAME: ALLENDALE SCHOOL EQUIPMENT WIPE SAMPLING

SAMPLERS: (Signature)

STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	Number of Containers	PCBs					REMARKS
	9/17/99	1500		X	C330-51-B-W1-R1		X					
		1505		X	-W2-R2		X					
		1510		X	-W3-R3		X					

Relinquished by: (Signature)	DATE	TIME	Received by: (Signature)	Relinquished by: (Signature)	DATE	TIME	Relinquished by: (Signature)
	9/17/99	1600					

Relinquished by: (Signature)	DATE	TIME	Received by: (Signature)	Relinquished by: (Signature)	DATE	TIME	Relinquished by: (Signature)

Relinquished by: (Signature)	DATE	TIME	Received for Laboratory by: (Signature)	DATE	TIME	Remarks:
				[illegible]	[illegible]	SAMPLES TO MTI LAB.

MAXYMILLIAN
Technologies

1801 EAST STREET
PITTSFIELD, MA 01201
413 499-3050
FAX 413 443-0511

Technical Report

PROJECT NAME: Allendale Equipment

prepared for

BBL
6723 Towpath Road
P.O. Box 66
Syracuse, NY 13214-0006

September 21, 1999

Issue Date
21 Sept. 99

Report Number
1999/BBL/Equipment/092099#2

LABORATORY SERVICES TECHNICAL REPORT

PREPARED FOR:

Blasland, Bouck & Lee
6723 Towpath Road
P.O. Box 66
Syracuse, NY 13214-0066
(315) 446-9120

PROJECT: **Allendale**

Two (2) wipe samples were received by the Maxymillian Technologies' Analytical Laboratory on September 20, 1999. An expedited turnaround time was requested.

All samples were analyzed within the method specified maximum allowed holding times. All quality control was within laboratory determined acceptable limits.

All samples are analyzed by EPA approved methodologies. The *MT* analytical laboratory is a MA DEP and NY DOH certified testing facility.

MA Certification Number M-MA 146

NY Certification Number 11477

Report Reviewed By: Date:

John M. Massimiano 9/21/99

John M. Massimiano
Laboratory Director

Issue Date
21 Sept. 99

Report Number
1999/BBL/Equipment/092099#2

SAMPLE RECEPTION INFORMATION

Project
Allendale

Requested TAT
ASAP

Quantity	Matrix	Analysis Method	Description	Collection Date	Preservative
2	Wipe	8082	PCBs	20 Sept. 99	Cool 4° C

Samples inspected upon receipt by:
LM

Date Received
20 Sept. 99

Issue Date
21 Sept. 99

Report Number
1999/BBL/Equipment/092099#2

Polychlorinated Biphenyls

Analysis Required	Extraction Method	Analyst	Instrument
EPA Method 8082	Shake	CR	GC-ECD

Sample ID	P-1-W1-R2	P-2-W1-R2	MDL
	(μg/100cm^2)	(μg/100cm^2)	(μg/100cm^2)
Parameter			
PCBs	>60	>60	1.50

QC Lot:
0917998082-WIPE

MDL = Analytical Method Detection Limit.
ND = Analyte of interest was not detected at the laboratory determined Analytical Method Detection Limit.

Issue Date
21 Sept. 99

Report Number
1999/BBL/Equipment/092099#2

QC LOT INFORMATION /PCB

QA/QC Lot:	Sample ID	MS/MSD Limit	% Recovery MS	% Recovery MSD	% RPD	RPD Limit
0917998082-Wipe	NA	83-112	101%	98.1%	2.55%	8

Note: % Recovery and RPD Limits are determined by demonstrated laboratory performance.

BBL
BLASLAND, BOUCK & LEE, INC
engineers & scientists
6723 Towpath Road, P.O. Box 66
Syracuse, New York 13214-0066
TEL: (315) 446-9120

CHAIN OF CUSTODY RECORD

PROJ. NO. | PROJECT NAME: ALLENDALE SCHOOL EQUIPMENT WIPE SAMPLING

SAMPLERS: (Signature) Toolo Flynn

STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	Number of Containers	PCBS					REMARKS
	9/20/99	1400		X	P-1-W1-RZ		X					
	↓	1430		X	P-2-W1-RZ		X					

Relinquished by: (Signature)	DATE	TIME	Received by: (Signature)	Relinquished by: (Signature)	DATE	TIME	Relinquished by: (Signature)
Toolo Flynn	9/20/99	1430					

Relinquished by: (Signature)	DATE	TIME	Received by: (Signature)	Relinquished by: (Signature)	DATE	TIME	Relinquished by: (Signature)

Relinquished by: (Signature)	DATE	TIME	Received for Laboratory by: (Signature)	DATE	TIME	Remarks:
			L. Milette	9/30/99	15:17	SAMPLES TO! MTI LAB

Distribution: Original Accompanies Shipment; Copy to Coordinator Field Files

MAXYMILLIAN
Technologies

1801 EAST STREET
PITTSFIELD, MA 01201
413 499-3050
FAX 413 443-0511

Technical Report

PROJECT NAME: Allendale Equipment

prepared for

BBL
6723 Towpath Road
P.O. Box 66
Syracuse, NY 13214-0006

September 23, 1999

Issue Date
23 Sept. 99

Report Number
1999/BBL/Equipment/092299

LABORATORY SERVICES TECHNICAL REPORT

PREPARED FOR:

Blasland, Bouck & Lee
6723 Towpath Road
P.O. Box 66
Syracuse, NY 13214-0066
(315) 446-9120

PROJECT: **Allendale**

Three (3) wipe samples were received by the Maxymillian Technologies' Analytical Laboratory on September 22, 1999. An expedited turnaround time was requested.

All samples were analyzed within the method specified maximum allowed holding times. All quality control was within laboratory determined acceptable limits.

All samples are analyzed by EPA approved methodologies. The *MT* analytical laboratory is a MA DEP and NY DOH certified testing facility.

MA Certification Number M-MA 146

NY Certification Number 11477

Report Reviewed By: Date:

John M. Massimiano 9/23/99

John M. Massimiano
Laboratory Director

Issue Date
23 Sept. 99

Report Number
1999/BBL/Equipment/092299

SAMPLE RECEPTION INFORMATION

Project
Allendale

Requested TAT
ASAP

Quantity	Matrix	Analysis Method	Description	Collection Date	Preservative
3	Wipe	8082	PCBs	22 Sept. 99	Cool 4° C

Samples inspected upon receipt by:
LM

Date Received
22 Sept. 99

Issue Date
23 Sept. 99

Report Number
1999/BBL/Equipment/092299

Polychlorinated Biphenyls

Analysis Required	Extraction Method	Analyst	Instrument
EPA Method 8082	Shake	CR	GC-ECD

Sample ID	D-PUMP-W1	D-PUMP-W2	D-PUMP-W3	MDL
	($\mu g/100cm^2$)	($\mu g/100cm^2$)	($\mu g/100cm^2$)	($\mu g/100cm^2$)
Parameter				
PCBs	ND	ND	2.10	1.50

QC Lot:
0917998082-WIPE

MDL = Analytical Method Detection Limit.
ND = Analyte of interest was not detected at the laboratory determined Analytical Method Detection Limit.

Issue Date
23 Sept. 99

Report Number
1999/BBL/Equipment/092399

QC LOT INFORMATION /PCB

QA/QC Lot:	Sample ID	MS/MSD Limit	% Recovery MS	% Recovery MSD	% RPD	RPD Limit
0917998082-Wipe	NA	83-112	101%	98.1%	2.55%	8

Note: % Recovery and RPD Limits are determined by demonstrated laboratory performance.

BLASLAND, BOUCK & LEE, INC.
engineers & scientists
6723 Towpath Road, P.O. Box 66
Syracuse, New York 13214-0066
TEL: (315) 446-9120

CHAIN OF CUSTODY RECORD

PROJ. NO.: 00.84.00
PROJECT NAME: ALLENDALE SCHOOL EQUIPMENT WIPE SAMPLING

SAMPLERS: (Signature) Paolo Filippitt

STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	Number of Containers	PCBs					REMARKS
	9/22/99	1500		X	D-PUMP-W1	1	X					
	↓	1505		X	D-PUMP-W2	1	X					
	↓	1510		X	D-PUMP-W3	1	X					

Relinquished by: (Signature)	DATE	TIME	Received by: (Signature)	Relinquished by: (Signature)	DATE	TIME	Relinquished by: (Signature)
Paolo Filippitt	9/22/99	1500					

Relinquished by: (Signature)	DATE	TIME	Received by: (Signature)	Relinquished by: (Signature)	DATE	TIME	Relinquished by: (Signature)

Relinquished by: (Signature)	DATE	TIME	Received for Laboratory by: (Signature)	DATE	TIME	Remarks:
			L. Mulette	9/22/99	16:00	SAMPLES TO MTI

Distribution: Original Accompanies Shipment; Copy to Coordinator Field Files

MAXYMILLIAN Technologies

1801 EAST STREET
PITTSFIELD, MA 01201
413 499-3050
FAX 413 443-0511

Technical Report

PROJECT NAME: Allendale Equipment

prepared for

BBL
6723 Towpath Road
P.O. Box 66
Syracuse, NY 13214-0006

September 28, 1999

Issue Date
28 Sept. 99

Report Number
1999/BBL/Equipment/092499

LABORATORY SERVICES TECHNICAL REPORT

PREPARED FOR:

Blasland, Bouck & Lee
6723 Towpath Road
P.O. Box 66
Syracuse, NY 13214-0066
(315) 446-9120

PROJECT: Allendale

Twenty-one (21) wipe samples were received by the Maxymillian Technologies' Analytical Laboratory on September 24, 1999. An expedited turnaround time was requested.

All samples were analyzed within the method specified maximum allowed holding times. All quality control was within laboratory determined acceptable limits.

All samples are analyzed by EPA approved methodologies. The *MT* analytical laboratory is a MA DEP and NY DOH certified testing facility.

MA Certification Number M-MA 146

NY Certification Number 11477

Report Reviewed By:

Date:

John M. Massimiano 9/28/99

John M. Massimiano
Laboratory Director

Issue Date
28 Sept. 99

Report Number
1999/BBL/Equipment/092499

SAMPLE RECEPTION INFORMATION

Project
Allendale

Requested TAT
ASAP

Quantity	Matrix	Analysis Method	Description	Collection Date	Preservative
21	Wipe	8082	PCBs	24 Sept. 99	Cool 4° C

Samples inspected upon receipt by:
LM

Date Received
24 Sept. 99

Issue Date
28 Sept. 99

Report Number
1999/BBL/Equipment/092499

Polychlorinated Biphenyls

Analysis Required	Extraction Method	Analyst	Instrument
EPA Method 8082	Shake	CR	GC-ECD

Sample ID	T-70-W1-R1	T-70-W2-R1	T-70-W3-R1	T-70-W4-R1	MDL
	($\mu g/100cm^2$)	($\mu g/100cm^2$)	($\mu g/100cm^2$)	($\mu g/100cm^2$)	($\mu g/100cm^2$)
Parameter					
PCBs	5.80	5.70	5.40	5.50	1.50

QC Lot:
0924998082-WIPE

Polychlorinated Biphenyls

Analysis Required	Extraction Method	Analyst	Instrument
EPA Method 8082	Shake	CR	GC-ECD

Sample ID	T-70-W5-R1	T-70-W6-R1	T-70-W7-R1	T-69-W1-R1	MDL
	($\mu g/100cm^2$)	($\mu g/100cm^2$)	($\mu g/100cm^2$)	($\mu g/100cm^2$)	($\mu g/100cm^2$)
Parameter					
PCBs	8.10	8.00	11.6	3.80	1.50

QC Lot:
0924998082-WIPE

MDL = Analytical Method Detection Limit.
ND = Analyte of interest was not detected at the laboratory determined Analytical Method Detection Limit.

Issue Date
28 Sept. 99

Report Number
1999/BBL/Equipment/092499

Polychlorinated Biphenyls

Analysis Required	Extraction Method	Analyst	Instrument
EPA Method 8082	Shake	CR	GC-ECD

Sample ID	T-69-W2-R1	T-69-W3-R1	T-69-W4-R1	T-69-W5-R1	MDL
	(µg/100cm²)	(µg/100cm²)	(µg/100cm²)	(µg/100cm²)	(µg/100cm²)
Parameter					
PCBs	1.50	ND	ND	ND	1.50

QC Lot:
0924998082-WIPE

Polychlorinated Biphenyls

Analysis Required	Extraction Method	Analyst	Instrument
EPA Method 8082	Shake	CR	GC-ECD

Sample ID	T-69-W6-R1	T-69-W7-R1	MDL
	(µg/100cm²)	(µg/100cm²)	(µg/100cm²)
Parameter			
PCBs	2.20	ND	1.50

QC Lot:
0924998082-WIPE

MDL = Analytical Method Detection Limit.
ND = Analyte of interest was not detected at the laboratory determined Analytical Method Detection Limit.

Issue Date
28 Sept. 99

Report Number
1999/BBL/Equipment/092499

Polychlorinated Biphenyls

Analysis Required	Extraction Method	Analyst	Instrument
EPA Method 8082	Shake	CR	GC-ECD

Sample ID	T-67-W1-R1	T-67-W2-R1	T-67-W3-R1	T-67-W4-R1	MDL
Parameter	(µg/100cm^2)	(µg/100cm^2)	(µg/100cm^2)	(µg/100cm^2)	(µg/100cm^2)
PCBs	27.5	ND	ND	16.1	1.50

QC Lot:
0927998082-WIPE

Polychlorinated Biphenyls

Analysis Required	Extraction Method	Analyst	Instrument
EPA Method 8082	Shake	CR	GC-ECD

Sample ID	T-67-W5-R1	T-67-W6-R1	T-67-W7-R1	MDL
Parameter	(µg/100cm^2)	(µg/100cm^2)	(µg/100cm^2)	(µg/100cm^2)
PCBs	>60.0	42.6	>60.0	1.50

QC Lot:
0927998082-WIPE

MDL = Analytical Method Detection Limit.
ND = Analyte of interest was not detected at the laboratory determined Analytical Method Detection Limit.

Issue Date
28 Sept. 99

Report Number
1999/BBL/Equipment/092499

QC LOT INFORMATION /PCB

QA/QC Lot:	Sample ID	MS/MSD Limit	% Recovery MS	% Recovery MSD	% RPD	RPD Limit
0924998082-Wipe	NA	84-110	102%	97.9%	4.31%	7
0927998082-Wipe	NA	84-110	99.4%	96.5%	2.89%	7

Note: % Recovery and RPD Limits are determined by demonstrated laboratory performance.

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists
6723 Towpath Road, P.O. Box 66
Syracuse, New York 13214-0066
TEL: (315) 446-9120

CHAIN OF CUSTODY RECORD

PROJ. NO. 201.84.000 PROJECT NAME ALLENDALE SCHOOL EQUIPMENT WIPE SAMPLING

SAMPLERS: (Signature) Paolo [signature]

STA. NO.	DATE	TIME	COMP.	GRAB WIPE	STATION LOCATION	Number of Containers	PCBs					REMARKS
	9/21/99	1200		X	T-70-W1-R1		X					
		1205		X	-W2-R1		X					
		1210		X	-W3-R1		X					
		1215		X	-W4-R1		X					
		1220		X	-W5-R1		X					
		1225		X	-W6-R1		X					
		1230		X	-W7-R1		X					
		1235		X	T-109-W1-R1		X					
		1240		X	-W2-R1		X					
		1245		X	-W3-R1		X					
		1250		X	-W4-R1		X					
		1255		X	-W5-R1		X					
		1300		X	-W6-R1		X					
		1305		X	-W7-R1		X					

Relinquished by: (Signature)	DATE	TIME	Received by: (Signature)	Relinquished by: (Signature)	DATE	TIME	Relinquished by: (Signature)
Paolo [signature]	9/24/99	1500	[signature]				

Relinquished by: (Signature)	DATE	TIME	Received by: (Signature)	Relinquished by: (Signature)	DATE	TIME	Relinquished by: (Signature)

Relinquished by: (Signature)	DATE	TIME	Received for Laboratory by: (Signature)	DATE	TIME	Remarks:
			R. [signature]	9/24/99	16:30	SAMPLES TO MTI

Distribution: Original Accompanies Shipment; Copy to Coordinator Field Files

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists
6723 Towpath Road, P.O. Box 66
Syracuse, New York 13214-0066
TEL: (315) 446-9120

CHAIN OF CUSTODY RECORD

PROJ. NO.: 201.84.004
PROJECT NAME: ALLENDALE SCHOOL EQUIPMENT WIPE SAMPLING
SAMPLERS: (Signature)

STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	Number of Containers	PCBs						REMARKS
	9/24/99	1310		X	T-07-W1-R1		X						
		1315		X	-W2-R1		X						
		1320		X	-W3-R1		X						
		1325		X	-W4-R1		X						
		1330		X	-W5-R1		X						
		1335		X	-W6-R1		X						
		1340		X	-W7-R1		X						

Relinquished by: (Signature)	DATE	TIME	Received by: (Signature)	Relinquished by: (Signature)	DATE	TIME	Relinquished by: (Signature)
	9/24/99	1300					

Relinquished by: (Signature)	DATE	TIME	Received by: (Signature)	Relinquished by: (Signature)	DATE	TIME	Relinquished by: (Signature)

Relinquished by: (Signature)	DATE	TIME	Received for Laboratory by: (Signature)	DATE	TIME	Remarks:
				9/24/99	16:30	SAMPLES TO MTI

Distribution: Original Accompanies Shipment; Copy to Coordinator Field Files

Technical Report

PROJECT NAME: Allendale Equipment

prepared for

BBL
6723 Towpath Road
P.O. Box 66
Syracuse, NY 13214-0006

October 12, 1999

Issue Date
12 Oct. 99

Report Number
1999/BBL/Equipment/100699

LABORATORY SERVICES TECHNICAL REPORT

PREPARED FOR:

Blasland, Bouck & Lee
6723 Towpath Road
P.O. Box 66
Syracuse, NY 13214-0066
(315) 446-9120

PROJECT: Allendale

Twenty-eight (28) wipe samples were received by the Maxymillian Technologies' Analytical Laboratory on October 6, 1999. An expedited turnaround time was requested.

All samples were analyzed within the method specified maximum allowed holding times. All quality control was within laboratory determined acceptable limits.

All samples are analyzed by EPA approved methodologies. The *MT* analytical laboratory is a MA DEP and NY DOH certified testing facility.

MA Certification Number M-MA 146

NY Certification Number 11477

Report Reviewed By: Date:

John M. Massimiano 10/12/99

John M. Massimiano
Laboratory Director

Issue Date
12 Oct. 99

Report Number
1999/BBL/Equipment/100699

SAMPLE RECEPTION INFORMATION

Project
Allendale

Requested TAT
ASAP

Quantity	Matrix	Analysis Method	Description	Collection Date	Preservative
28	Wipe	8082	PCBs	06 Oct. 99	Cool 4° C

Samples inspected upon receipt by:
LM

Date Received
06 Oct. 99

Polychlorinated Biphenyls

Analysis Required	Extraction Method	Analyst	Instrument
EPA Method 8082	Shake	CR	GC-ECD

Sample ID	T-67-W1-R2	T-67-W2-R2	T-67-W3-R2	T-67-W4-R2	MDL
	(μg/100cm²)	(μg/100cm²)	(μg/100cm²)	(μg/100cm²)	(μg/100cm²)
Parameter					
PCBs	15.2	3.50	2.70	12.3	1.50

QC Lot:
0927998082-WIPE

Polychlorinated Biphenyls

Analysis Required	Extraction Method	Analyst	Instrument
EPA Method 8082	Shake	CR	GC-ECD

Sample ID	T-67-W5-R2	T-67-W6-R2	T-67-W7-R2	T-70-W1-R2	MDL
	(μg/100cm²)	(μg/100cm²)	(μg/100cm²)	(μg/100cm²)	(μg/100cm²)
Parameter					
PCBs	26.1	32.9	9.70	2.20	1.50

QC Lot:
0927998082-WIPE

MDL = Analytical Method Detection Limit.
ND = Analyte of interest was not detected at the laboratory determined Analytical Method Detection Limit.

Polychlorinated Biphenyls

Analysis Required	Extraction Method	Analyst	Instrument
EPA Method 8082	Shake	CR	GC-ECD

Sample ID	T-70-W2-R2	T-70-W3-R2	MDL
	(µg/100cm²)	(µg/100cm²)	(µg/100cm²)
Parameter			
PCBs	4.10	2.80	1.50

QC Lot:
092799X082-WIPE

Polychlorinated Biphenyls

Analysis Required	Extraction Method	Analyst	Instrument
EPA Method 8082	Shake	CR	GC-ECD

Sample ID	T-70-W4-R2	T-70-W5-R2	T-70-W6-R2	T-70-W7-R2	MDL
	(µg/100cm²)	(µg/100cm²)	(µg/100cm²)	(µg/100cm²)	(µg/100cm²)
Parameter					
PCBs	5.10	5.50	4.40	9.00	1.50

QC Lot:
100799X082-WIPE

MDL = Analytical Method Detection Limit.
ND = Analyte of interest was not detected at the laboratory determined Analytical Method Detection Limit.

Polychlorinated Biphenyls

Analysis Required	Extraction Method	Analyst	Instrument
EPA Method 8082	Shake	CR	GC-ECD

Sample ID	Chipper-W1	Chipper-W2	Chipper-W3	Chipper-W4	MDL
	(μg/100cm^2)	(μg/100cm^2)	(μg/100cm^2)	(μg/100cm^2)	(μg/100cm^2)
Parameter					
PCBs	5.30	4.40	3.70	4.90	1.50

QC Lot:
0927998082-WIPE

Polychlorinated Biphenyls

Analysis Required	Extraction Method	Analyst	Instrument
EPA Method 8082	Shake	CR	GC-ECD

Sample ID	Chipper-W5	Chipper-W6	Chipper-W7	Chipper-W8	MDL
	(μg/100cm^2)	(μg/100cm^2)	(μg/100cm^2)	(μg/100cm^2)	(μg/100cm^2)
Parameter					
PCBs	4.50	5.70	10.4	6.70	1.50

QC Lot:
1007998082-WIPE

MDL = Analytical Method Detection Limit.
ND = Analyte of interest was not detected at the laboratory determined Analytical Method Detection Limit.

Issue Date
12 Oct, 99

Report Number
1999/BBL/Equipment/100699

Polychlorinated Biphenyls

Analysis Required	Extraction Method	Analyst	Instrument
EPA Method 8082	Shake	CR	GC-ECD

Sample ID	Chipper-W9	Chipper-W10	Chipper-W11	Chipper-W12	MDL
	($\mu g/100cm^2$)	($\mu g/100cm^2$)	($\mu g/100cm^2$)	($\mu g/100cm^2$)	($\mu g/100cm^2$)
Parameter					
PCBs	6.40	4.40	4.60	4.30	1.50

QC Lot:
1007998082-WIPE

Polychlorinated Biphenyls

Analysis Required	Extraction Method	Analyst	Instrument
EPA Method 8082	Shake	CR	GC-ECD

Sample ID	Chipper-W13	Chipper-W14	MDL
	($\mu g/100cm^2$)	($\mu g/100cm^2$)	($\mu g/100cm^2$)
Parameter			
PCBs	3.90	4.60	1.50

QC Lot:
1007998082-WIPE

MDL = Analytical Method Detection Limit.
ND = Analyte of interest was not detected at the laboratory determined Analytical Method Detection Limit.

Issue Date
12 Oct. 99

Report Number
1999/BBL/Equipment/100699

QC LOT INFORMATION /PCB

QA/QC Lot:	Sample ID	MS/MSD Limit	% Recovery MS	% Recovery MSD	% RPD	RPD Limit
0927998082-Wipe	NA	84-110	99.4%	96.5%	2.89%	7
1007998082-Wipe	NA	85-110	92.9%	92.9%	0.00%	7

Note: % Recovery and RPD Limits are determined by demonstrated laboratory performance.

Technical Report

PROJECT NAME: Allendale Equipment

prepared for

BBL
6723 Towpath Road
P.O. Box 66
Syracuse, NY 13214-0006

October 18, 1999

Issue Date
18 Oct. 99

Report Number
1999/BBL/Equipment/101899

LABORATORY SERVICES TECHNICAL REPORT

PREPARED FOR:

Blasland, Bouck & Lee
6723 Towpath Road
P.O. Box 66
Syracuse, NY 13214-0066
(315) 446-9120

PROJECT: **Allendale**

One (1) wipe sample was received by the Maxymillian Technologies' Analytical Laboratory on October 18, 1999. An expedited turnaround time was requested.

All samples were analyzed within the method specified maximum allowed holding times. All quality control was within laboratory determined acceptable limits.

All samples are analyzed by EPA approved methodologies. The *MT* analytical laboratory is a MA DEP and NY DOH certified testing facility.

MA Certification Number M-MA 146

NY Certification Number 11477

Report Reviewed By: Date:

John M. Massimiano 10/18/99

John M. Massimiano
Laboratory Director

Issue Date
18 Oct. 99

Report Number
1999/BBL/Equipment/101899

SAMPLE RECEPTION INFORMATION

Project
Allendale

Requested TAT
ASAP

Quantity	Matrix	Analysis Method	Description	Collection Date	Preservative
1	Wipe	8082	PCBs	18 Oct. 99	Cool 4° C

Samples inspected upon receipt by:
LM

Date Received
18 Oct. 99

Polychlorinated Biphenyls

Analysis Required	Extraction Method	Analyst	Instrument
EPA Method 8082	Shake	CR	GC-ECD

Sample ID	Chipper-W7 R1	MDL
	(μg/100cm^2)	(μg/100cm^2)
Parameter		
PCBs	3.60	1.50

QC Lot:
1008998082-WIPE

MDL = Analytical Method Detection Limit.
ND = Analyte of interest was not detected at the laboratory determined Analytical Method Detection Limit.