TECHNICAL REPORT

Final Engineering Report

Little Britain Road Service Center
New Windsor, New York

Volume 1 of 2

Central Hudson Gas & Electric Corporation
Poughkeepsie, New York

August 2001

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

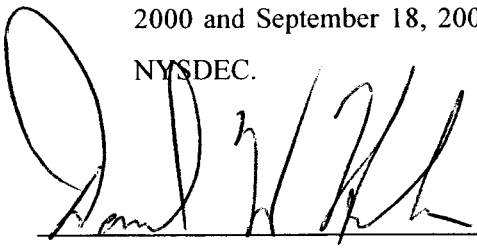
ENGINEER'S CERTIFICATION

CENTRAL HUDSON GAS & ELECTRIC CORPORATION
LITTLE BRITAIN ROAD SERVICE CENTER
NEW WINDSOR, NEW YORK
FINAL ENGINEERING REPORT

I, David W. Hale, P.E., hereby certify, as a Professional Engineer registered in the State of New York, that based on Blasland, Bouck & Lee, Inc.'s (BBL's) observation of the voluntary cleanup of identified impacted soils conducted by Central Hudson Gas & Electric Corporation's (CHGE's) remedial Contractor, ONYX Environmental Services, Inc., the voluntary cleanup activities were completed in substantial conformance with requirements presented in the following documents and/or approved field changes detailed in this Final Engineering Report:

- The Voluntary Cleanup Agreement, Index Number: A3-0388-0599 for the Implementation of a Remedial Response Program for the CHGE Little Britain Road Service Center located at 610 Little Britain Road (formerly 410 Little Britain Road) between CHGE and the New York State Department of Environmental Conservation; and

- The New York State Department of Environmental Conservation-approved Remedial Work Plan, Little Britain Road Service Center (BBL, Revised July 2000), as amended by letters dated August 23, 2000 and September 18, 2000 from Mr. Michael Gallucci of CHGE to Mr. John Rashak of the NYSDEC.



8/10/01

David W. Hale, P.E.
New York State P.E. No. 065423

Date

Blasland, Bouck & Lee, Inc.
6723 Towpath Road
Syracuse, New York 13214
(315) 446-9120

ENGINEER'S CERTIFICATION

CENTRAL HUDSON GAS & ELECTRIC CORPORATION
LITTLE BRITAIN ROAD SERVICE CENTER
NEW WINDSOR, NEW YORK
FINAL ENGINEERING REPORT

In support of the required professional engineer's signature and seal on this Final Engineering Report for the voluntary cleanup of identified impacted soils at the CHGE Little Britain Road Service Center, we hereby certify that the voluntary cleanup activities were completed in substantial conformance with the requirements identified in the following documents and/or approved field changes detailed in this Final Engineering Report:

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Nancy Gensky
BBL Project Manager

Megan A. Miller, P.E.
BBL Field Manager

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1. Introduction

This report documents the implementation of the voluntary cleanup of identified impacted soils at Central Hudson Gas & Electric Corporation's (CHGE's) Little Britain Road Service Center located in New Windsor, New York. This report presents a description of the activities conducted to implement the selected remedy for the site involving excavation and off-site disposal of volatile organic compound- (VOC-) impacted soil. This report also presents a description and the results of the pre- and post-remediation sampling activities conducted as part of the voluntary cleanup.

1.1 Background Information

The Little Britain Road Service Center (the site) is located at 610 Little Britain Road (formerly 410 Little Britain Road), New Windsor, Orange County, New York. Figures 1 and 2 show the site location and configuration, respectively. The site encompasses approximately 9 acres; the Service Center building is located near the center of the site. Access to the Service Center is from Little Britain Road to the south. The majority of the site is fenced; three gates, one each to the north, southwest, and east of the Service Center building, provide access to the fenced area. The employee parking lot, located east of the Service Center building, and an open grassy field located between the Service Center Building and Little Britain Road are located outside of the fenced area but within the site boundary. The employee parking lot, the entryway driveway, and the areas immediately surrounding the Service Center building are paved; the remainder of the site is either gravel covered or vegetated.

In accordance with an Order on Consent (Index No. 03-0001-95-02) with the New York State Department of Environmental Conservation (NYSDEC), CHGE agreed to conduct a Preliminary Site Assessment (PSA) to determine whether past operations/activities at the site have impacted soil or groundwater quality beneath the site. The PSA was conducted during the period from June 1995 through August 1996 in accordance with the NYSDEC-approved *PSA Work Plan* (Blasland, Bouck & Lee, Inc. [BBL], January 1995) and a June 25, 1996 letter to the NYSDEC. PSA activities included:

- Review of site history and use;
- Review of existing reports, data, and plans;
- Site reconnaissance and geophysical survey;

- Soil gas survey;
- Test boring installations/soil sampling and analysis;
- Monitoring well installations/groundwater sampling and analysis; and
- Data evaluation and validation.

The NYSDEC-approved *PSA Report* (BBL, January 1996, Final December 1996) identified one potential on-site subsurface soil source area located along the northwest site boundary. This area, shown on Figure 3, covers approximately 7,400 square feet. Based on the results of the PSA, impacted soils were encountered in this area to depths of approximately 4 to 8 feet. PSA soil sample results indicated that select VOCs (trichloroethene [TCE], 1,2-dichloroethene [1,2-DCE], toluene, and xylenes) were present in this area at concentrations exceeding the NYSDEC's recommended soil cleanup objectives. Those objectives are presented in the NYSDEC's "Technical and Administrative Guidance Memorandum #4046 (TAGM #4046): Determination of Soil Cleanup Objectives and Cleanup Levels", dated January 24, 1994.

Based on the results of the PSA and discussions with the NYSDEC, CHGE submitted an application for voluntary cleanup in March 1997 to address the identified on-site impacted soil. That application included descriptions of the following two alternatives capable of addressing the impacted soils in a manner protective of human health and the environment:

- Low-temperature thermal desorption (LTTD) using a trailer-mounted unit; and

- Off-site disposal at an appropriate facility, as a non-hazardous material.

Pursuant to further evaluation as to the cost-effectiveness and technical implementability of these two alternatives, off-site disposal at an appropriate facility as a non-hazardous material was selected as the site remedy. A *Remedial Work Plan* (BBL, June 1997) for implementation of the site remedy was prepared and submitted to the NYSDEC for review. Based on comments provided by the NYSDEC and subsequent discussions between CHGE and the NYSDEC, the *Remedial Work Plan* was revised and resubmitted in July 2000. The *Remedial Work Plan* was further amended in letters from CHGE to the NYSDEC dated August 23, 2000 and September 18, 2000.

1.2 Report Organization

To present the necessary information, this report has been organized into the following sections:

- Section 1.0 - Introduction;
- Section 2.0 - Remedial Objectives;
- Section 3.0 - Pre-Remediation Sampling;
- Section 4.0 - Remediation; and
- Section 5.0 - Post-Remediation Sampling.

2. Remedial Objectives

As set forth in the *Remedial Work Plan,* the overall remedial objective is to allow the intended use of the site to proceed in a manner protective of human health and the environment. The *Remedial Work Plan* established the following specific cleanup levels for soil based on the NYSDEC TAGM #4046 recommended soil cleanup objectives:

Chemical Constituent	Cleanup Level (ppm)
Trichloroethene	0.7
1,2-Dichloroethene	0.3/0.25*
Toluene	1.5
Xylenes (total)	1.2

Note:

1. * = Soil cleanup objective for trans-1,2-dichloroethene is 0.3 ppm and for cis-1,2-dichloroethene is 0.25 ppm.

A description of the sampling activities conducted prior to remediation is presented below.

3. Pre-Remediation Sampling

The following sampling activities were completed as part of the pre-remediation phase:

- Disposal Characterization Soil Sampling;
- Perimeter Verification Soil Sampling; and
- Groundwater Sampling.

A description of each of the above sampling activities is provided below.

3.1 Disposal Characterization Soil Sampling

As set forth in the *Remedial Work Plan,* samples were collected for laboratory analysis from select locations and depths within the area of impacted soil to provide results representative of the excavation area for disposal characterization purposes. The characterization sampling results, along with the PSA sampling results, were used to determine soil management, transportation, and disposal requirements for the remediation activities.

Disposal characterization soil samples were collected from 19 soil borings and one test-pit within the anticipated excavation area. On November 30, 2000, six initial test borings (CHAR-1 through CHAR-6) were drilled by BBL using a tractor-mounted direct-push geoprobe rig (AMS Power Probe 9600). The November 30, 2000 drilling activities were observed by representatives from BBL and the NYSDEC. On January 22, 2001, a test pit (TP-1) was installed within the anticipated excavation area by Miller Environmental Group, Inc. using a backhoe. To satisfy the requirements of the potential disposal facility (CWM Chemical Services, L.L.C.), 13 additional test borings (1 through 7 and 9 through 14) were installed by BBL on February 8, 2001 using the AMS Power Probe 9600. The January 22, 2001 test pit activities and February 8, 2001 drilling activities were observed by representatives of BBL, ONYX Environmental Services (ONYX), and the NYSDEC. The locations of test borings CHAR-1 through CHAR-6 were subsequently surveyed by CHGE and are shown on Figure 4. The approximate locations of the test pit (TP-1) and test borings 1 through 7 and 9 through 14 are also shown on Figure 4.

Geologic descriptions of subsurface soils were obtained for the six initial test borings (CHAR-1 through CHAR-6) installed in November 2000 and for the test pit installed in January 2001. Subsurface boring logs for CHAR-

1 through CHAR-6 are provided in Attachment 1. Soils encountered during the test pit excavation primarily consisted of gray silt with trace fine to medium gravel. Odors were observed from approximately 5.5 feet below ground surface (bgs) to the final depth of the test pit at 9 feet bgs. Because site geology had been adequately defined during previous subsurface activities, no geologic descriptions were obtained during the February 8, 2001 test boring activities. A cross-section depicting the site geology is provided on Figure 5.

Soil was continuously collected during the installation of test borings CHAR-1 through CHAR-6 until refusal, for visual observation and screening with a photoionization detector (PID) for the presence of organic vapors. Samples were collected for laboratory analysis from test borings CHAR-1 through CHAR-6 from depth intervals that exhibited the greatest impacts (e.g., odors, sheens, and relatively high PID readings). Soil samples obtained from test borings CHAR-1 through CHAR-6 were submitted to Columbia Analytical Services (CAS) of Rochester, New York for the following analyses:

- Toxicity Characteristic Leaching Procedure (TCLP) VOCs by United States Environmental Protection Agency (USEPA) SW-846 Method 8240B;
- TCLP Semivolatile Organic Compounds (SVOCs) by Method 8270;
- TCLP Inorganics by Method 6010/7000;
- Reactive Cyanide by Method 7.3.3.2;
- Reactive Sulfide by Method 7.3.3.2;
- Corrosivity by Method 7.2.2;
- Ignitability by Method 1010;
- PCBs by Method 8082; and
- Gasoline and diesel range organics by Method 8015.

No PID readings above background were encountered during installation of test boring CHAR-5. Therefore, in addition to the above-listed analyses, the soil sample collected from test boring CHAR-5 (4 to 7.7 feet bgs) was analyzed for VOCs by USEPA SW-846 Method 8260. Based on the VOC analytical results, this sample served as a perimeter verification sample (as further discussed below).

Soil samples were also obtained from borings 1 through 7, 9 through 14, and test pit TP-1 and submitted for analysis of VOCs by Method 8260. Soil was continuously collected during the boring installations until refusal, and a homogenized sample of soil from the total depth of each boring was submitted for analysis. From test pit TP-1, a soil sample was collected from approximately 9 feet bgs to represent the depth interval that exhibited the

greatest impacts (e.g., odors and relatively high PID readings). The soil sample collected from the test pit was submitted to CAS, whereas the soil samples obtained from test borings 1 through 7, and 9 through 14 were submitted to Adirondack Environmental Services Inc. (Adirondack) of Albany, New York.

Characterization soil samples collected were identified, handled, packaged, and shipped using the procedures provided in the *Sampling and Analysis Plan (SAP)* and *Quality Assurance Project Plan (QAPP)* (BBL, May 1995). The analytical results for the characterization soil samples are summarized on Tables 1 through 7. The laboratory data sheets for the characterization soil samples are provided in Attachment 2.

Analytical results for soil samples collected from three of the characterization test borings (CHAR-2, CHAR-3, and CHAR-6) indicated that soils exhibited the hazardous characteristic of toxicity due to the presence of TCE (CHAR-2 and CHAR-3) and vinyl chloride (CHAR-6). Because most of the soil to be excavated was characterized as hazardous, CHGE elected to manage, transport, and dispose of all excavated soil as hazardous waste instead of segregating the hazardous soil from the non-hazardous soils.

3.2 Perimeter Verification Soil Sampling

Verification soil sampling activities were conducted on November 29 and 30, 2000. Test borings were drilled by BBL using an AMS Power Probe 9600. The drilling activities were observed by representatives of BBL and the NYSDEC. The purpose of the verification soil sampling activities was to more definitively delineate the horizontal limits of the excavation area. A total of 19 test borings were installed at the anticipated perimeter of the excavation limits. From 12 of the 19 borings (VER-1 through VER-12), soil samples were collected from the depth interval with the highest PID reading and submitted to CAS for analysis of VOCs by Method 8260. The remaining seven borings (SB-1 through SB-7) served as observation borings only. The locations of the verification soil sampling locations VER-1 through VER-12 and observation borings SB-1 through SB-7 were subsequently surveyed by CHGE and are shown on Figure 6.

Soil samples collected during the perimeter verification sampling were identified, handled, packaged, and shipped using the procedures provided in the *SAP* and *QAPP*. Boring logs for test borings VER-1 through VER-12 and SB-1 through SB-7 are presented in Attachment 1. Analytical results for the pre-remediation verification samples are summarized in Table 8. Laboratory data sheets for the verification samples are provided in Attachment 2.

Based on the results of the pre-remediation verification samples, the horizontal limits of the excavation area were delineated. As discussed previously, one characterization soil sample, CHAR-5 (4-7.7'), was also submitted for analysis of VOCs. Only one constituent (cis-1,2-dichloroethene) was detected in that sample at a concentration of 0.025 parts per million (ppm), which is less than the TAGM #4046 recommended soil cleanup objective of 0.25 ppm. Therefore, boring CHAR-5 was used as a perimeter verification boring. The excavation limits were subsequently adjusted appropriately based on these results. The horizontal limits of the excavation area are shown on Figure 4.

3.3 Pre-Remediation Groundwater Sampling

As set forth in the *Remedial Work Plan*, groundwater samples were collected at the site on November 29 and 30, 2000 to represent baseline groundwater conditions prior to remediation. Specifically, groundwater samples were collected from existing monitoring wells MW94-5, MW96-6, MW94-1B, and MW96-7B. Additionally, a groundwater sample was collected from within the excavation limits at boring CHAR-3 via the installation of a temporary 1-inch diameter monitoring well.

Groundwater sampling activities were conducted by BBL in accordance with the procedures set forth in the *SAP* and *QAPP*. Groundwater sampling logs for the sampling of the existing monitoring wells are provided in Attachment 3. Groundwater samples were submitted to CAS for analysis of VOCs by Method 8260. The groundwater samples were identified, handled, packaged, and shipped using the procedures provided in the *SAP* and *QAPP*. Analytical results for the groundwater samples are summarized in Table 9. Laboratory data sheets for the groundwater samples are provided in Attachment 2.

4. Remediation

Remedial activities were conducted during March and April 2001 by ONYX. A representative from BBL was on-site to observe/document the remedial activities and to conduct air monitoring in accordance with the site-specific *Health and Safety Plan (HASP)* (BBL, November 2000). A description of the remedial activities and associated monitoring/sampling activities is presented below.

4.1 Mobilization/Site Preparation

To prepare for the implementation of the excavation activities, the mobilization/site preparation activities identified below were performed.

- Preparing the site-specific *HASP*. A *HASP* was prepared by BBL to include the health and safety procedures to be followed by on-site BBL personnel during the remediation activities. The HASP also outlined a comprehensive air monitoring program for the protection of on-site personnel and the surrounding community, which complied with the New York State Department of Health- (NYSDOH-) Community Air Monitoring Plan. In addition to the *HASP* prepared by BBL, a HASP was prepared by ONYX to include health and safety procedures to be followed by ONYX personnel and their subcontractors during the remediation.

- Removing a light pole located within the northwestern corner of the excavation limits.

- Removing a portion of the existing chain-link fence located in the northwestern corner of the excavation limits.

- Mobilizing equipment and materials (e.g., excavator, Bobcat, and utility trailer) to the site.

- Staking/marking the excavation limits and the location of an underground drainage pipe located within the excavation limits.

The *Remedial Work Plan* indicated that the abandonment of existing monitoring well MW-94-1B may be necessary to complete the excavation activities. However, as discussed previously, based on the results of pre-

remediation sampling activities, CHAR-5 was used as a perimeter verification sample and the excavation limits in the southeastern corner of the excavation area were adjusted accordingly. Due to this adjustment, the abandonment of monitoring well MW94-1B was not necessary.

4.2 Excavation

Excavation activities were conducted by ONYX between March 19 and April 10, 2001. Excavation activities were performed using a tracked excavator. Excavated material was loaded directly into truck trailers for off-site transportation and disposal. The horizontal limits of the excavation were determined based on the results of the pre-remediation verification sampling activities discussed in Section 3.0. The horizontal and vertical limits of the excavation are shown on Figure 6. As set forth in the *Remedial Work Plan*, excavation activities extended vertically to a depth of approximately 8 feet bgs throughout most of the excavation area, with the exception of the following areas identified on Figure 6:

- Three small areas along the western and eastern/southeastern excavation limits where bedrock was encountered at depths less than 8 feet bgs; and

- One area located in the center of the excavation area where visual observations and PID readings indicated that impacted material was present to depths greater than 8 feet bgs.

Groundwater was encountered throughout the excavation at depths ranging from 5 to 7 feet bgs. In addition, perched water was encountered along the western limits of the excavation at a depth of approximately 3 feet bgs. To the extent possible, water was managed within the excavation area. However, some dewatering activities were necessary to complete the excavation. Water generated during the dewatering activities was either pumped directly from the excavation by vacuum trucks which transported the water directly off-site to a treatment facility, or water was pumped from the excavation into an on-site frac tank (21,000-gallon capacity) for temporary storage pending off-site transportation via vacuum truck to the treatment facility.

An underground drainage pipe (approximately 6-inches in diameter) was present within the excavation area. The approximate location of the drainage pipe is shown on Figure 6. The drainage pipe appeared to formerly convey surface water from the paved driveway area located south of the excavation area (in the vicinity of an existing catch basin) to the wooded area located north of the excavation area. As directed by CHGE, this drainage pipe was removed.

4.3 Waste Transportation/Disposal

A total of approximately 3,090 tons of excavated soil was transported to CWM Chemical Services, L.L.C.'s (CWM's) facility located in Model City, New York for disposal. Based on the pre-remediation characterization results discussed in Section 3.0, the soil was managed, transported and disposed of as a hazardous waste. Copies of the signed Hazardous Waste Manifests (including certificates of disposal and land disposal notification and certification forms) for each load of soil transported off-site for disposal are provided as Attachment 4.

Additionally, a total of approximately 186,000 gallons of water pumped from the excavation were transported to DuPont Environmental Treatment's (DuPont's) facility located in Deepwater, New Jersey for treatment. Based on existing data available for site groundwater, the water removed from the excavation was managed, transported, and disposed of as a non-hazardous waste. Copies of the signed Non-Hazardous Waste Manifests for each truckload of water transported off-site for treatment are provided as Attachment 5.

4.4 Post-Excavation Verification Soil Sampling

In addition to the pre-remediation verification sampling activities discussed in Section 3.0, a total of 12 post-excavation verification soil samples were collected during the remediation. Figure 6 shows the approximate post-excavation verification sample locations. Four samples (LBR-SW1 through LBR-SW4) were collected from each sidewall of the excavation (in the northern, southern, eastern, and western directions). Eight samples (LBR-POST1 through LBR-POST8) were collected from the bottom of the excavation. Samples were collected using a stainless steel hand auger directly from the excavation sidewall or bottom (if possible) or from the bucket of the excavator when conditions prohibited safe entrance into the excavation. The samples were submitted to Adirondack for analysis for VOCs using Method 8260 on a rush (24-hour) turnaround basis.

The post-excavation verification samples were identified, handled, packaged, and shipped using the procedures provided in the *SAP* and *QAPP*. The analytical results of the post-excavation verification samples are summarized in Table 10. Laboratory data sheets for the post-excavation verification samples are provided in Attachment 2. VOCs were not detected in any of the 12 post-excavation verification soil samples at concentrations exceeding the NYSDEC TAGM #4046 recommended soil cleanup objectives.

4.5 Site Restoration

As agreed upon between the NYSDEC and CHGE prior to the beginning of excavation activities and to expedite the remediation schedule, backfilling of the excavation area commenced before excavation activities were completed. For example, once the results of post-excavation verification samples collected from the bottom and sidewall of an excavated area indicated that the remedial objectives had been met in this area, that area was backfilled.

Due to the presence of groundwater within the excavation area (encountered at depths ranging from approximately 5 to 7 feet bgs), the excavation was backfilled with stone (approximately 3- to 6-inches in diameter) to the depth of groundwater within the excavation. The remainder of the excavation depth was then backfilled with bank run fill, with the exception of the top six inches which was backfilled with quarry processed gravel (NYSDOT Item 4). Backfilling was accomplished using a bulldozer (for placing and spreading of backfill materials) and a vibrating drum roller for compaction. Backfill materials were compacted in layers (approximately 6 inches in depth) with the vibrating drum roller.

The final grade of the excavation area was generally consistent with pre-excavation conditions. However, a slight swale was created through the excavation area (in the approximate location of the former drainage pipe removed during the excavation activities). The purpose of the swale was to promote natural drainage of surface water from the paved driveway area located south of the excavation area to the wooded area located north of the excavation area.

Following completion of the site restoration activities, equipment (including heavy machinery and the on-site frac tank) was decontaminated appropriately. Equipment, construction support facilities, and associated debris/garbage were then removed from the site.

4.6 Air Monitoring/Sampling

In accordance with the *HASP*, BBL conducted air monitoring with a PID and MiniRAM during field activities that may generate organic vapors or dust. Monitoring was conducted at least once an hour in the worker breathing zone and at various work area/site perimeter locations to determine the appropriate response activities, as set forth in the *HASP*. Daily air monitoring logs are provided in Attachment 6.

In addition to the air monitoring activities discussed above, BBL conducted four air sampling events during the remediation activities. Air samples were collected on March 26 and 29, 2001 and April 4 and 10, 2001, on days when large volumes of soil were excavated. Air samples were collected using 3M 3520 passive organic vapor dosimeter badges. On each day of sampling, a badge was placed near the rear employee entrance to the CHGE service center building, directly southeast of the excavation area. The badges were hung for approximately 8 hours. Each badge was submitted to Galson Laboratories, an American Industrial Hygiene Association-accredited laboratory for organic vapors (including vinyl chloride). For quality assurance purposes, a blank badge was also submitted with each air sample badge for the same analyses.

The laboratory analytical results for the air samples are summarized in Table 10. The laboratory data sheets for the air samples are provided in Attachment 2. The air sample results indicate that organic vapors (including vinyl chloride) were not detected in any of the air sample badges or blank badges collected during the remediation activities.

5. Post-Remediation Sampling

In accordance with the *Remedial Work Plan*, two additional monitoring wells were installed at the site in May 2001 and the initial post-remediation groundwater sampling event was conducted in June 2001. A description of these post-remediation activities is presented below.

5.1 Monitoring Well Installation

In accordance with the *Remedial Work Plan*, two monitoring wells were installed adjacent to the excavation, one in the overburden (MW-018A) and one in the bedrock (MW-018B) at a depth below existing monitoring well MW94-1B. The purpose of the overburden well is to monitor overburden groundwater adjacent to the excavated area. The purpose of the bedrock well is to monitor bedrock groundwater deeper than monitoring well MW94-1B adjacent to the excavated area. As discussed in Section 4.0, monitoring well MW94-1B was not abandoned and therefore replacement of this well was not necessary.

Drilling and well construction activities were conducted by Parratt-Wolff, Inc. of Syracuse, New York between May 7 and May 9, 2001. Monitoring wells MW-018A and MW-018B were installed at the locations shown on Figure 6 using a CME 75-drill rig. Monitoring well MW01-8A was installed in the overburden using 4½-inch hollow stem augers. This well was installed to the depth of approximately 8 feet 10 inches, with a 5-foot screen. Monitoring well MW01-8B was installed as an open hole well using a 3 7/8-inch roller-bit to a depth of approximately 50 feet bgs, or 38.2 feet into bedrock. Construction of monitoring well MW-018B consisted of a 4-inch diameter permanent casing grouted in place to approximately 25 feet bgs, and an open bedrock hole from approximately 25 feet to 50 feet bgs (i.e., 25-foot open hole). The specific drilling techniques and well construction for each well are noted on the monitoring well logs provided in Attachment 7.

Following monitoring well installations, the wells were developed in accordance with the *SAP*. Specifically, monitoring well MW01-8A was developed with a peristaltic pump and new dedicated/disposable tubing. The well was surged/pumped dry eight times during well development. Each time the well went dry, it was allowed to recharge prior to additional surging/pumping. Monitoring well MW01-8B was developed with a Waterra pump, using tubing equipped with a check valve. Initially, the well was surged for approximately 1 hour and 45 minutes before pumping the well dry.

5.2 Initial Post-Remediation Groundwater Monitoring

As set forth in the *Remedial Work Plan*, groundwater samples were collected at the site on June 11 and 12, 2001 for the initial post-remediation groundwater sampling event. Groundwater samples were collected from monitoring wells MW94-5, MW96-6, MW94-1B, MW96-7B, MW01-8A, and MW01-8B (Figure 1).

Groundwater sampling activities were conducted by BBL in accordance with the procedures set forth in the *SAP* and *QAPP*. Groundwater sampling logs are provided in Attachment 3. Groundwater samples were submitted to CAS for analysis of VOCs by USEPA SW-846 Method 8260. The groundwater samples were identified, handled, packaged, and shipped using the procedures provided in the *SAP* and *QAPP*. Analytical results for the groundwater samples are summarized in Table 12. Laboratory data sheets for the groundwater samples are provided in Attachment 2. Groundwater elevations obtained during the initial post-remediation sampling event are summarized in Table 13.

The June 2001 groundwater sample results provide the initial assessment of post-remediation groundwater quality. After the completion of additional monitoring per the Groundwater Monitoring Plan, an assessment of the effects of the remediation on groundwater quality can be determined. Preliminary observations can be drawn between the November 2000 pre-remediation groundwater sampling and the June 2001 post-remediation groundwater sampling as follows:

- No VOCs were detected in the groundwater from wells MW94-5 and MW96-6 in either the pre- or post-remediation sampling events except for 1,1-dicholorethane and 1,1,1-trichloroethane, which are not related to the CHGE site.

- The concentrations of 1,2-dichloroethene and trichloroethene in the groundwater from well MW94-1B decreased by 112 and 46 ppb, respectively, between the pre-and post-remediation sampling.

- The concentrations of 1,2-dichloroethene, trichloroethene, and vinyl chloride in the groundwater from well MW96-7B remained the same (i.e. concentrations only varied by 2 to 6 ppb) between the pre- and the post-remediation sampling. 1,1-Dichloroethane, a constituent not related to the CHGE site, also maintained similar concentrations between the two sampling events.

- The concentrations of 1,2-dichloroethene and trichloroethene significantly decreased by approximately 3 orders of magnitude from the temporary sampling point within the excavation area at location CHAR-3 and the well MW01-8A, installed immediately adjacent to the excavation after the remediation.

Continuing improvements in the groundwater quality in the wells installed closest to the excavation area, MW01-8A and MW94-1B, are expected to occur throughout the first year of post-remediation monitoring. In addition, improvements, although expected to be slower given the hydraulic properties of the bedrock, are expected to occur at wells located deeper in the bedrock, MW01-8B, and further from the excavation, MW96-7B.

Tables

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TABLE 1

Central Hudson Gas & Electric Corporation
Little Britain Road Service Center
New Windsor, New York

CONCENTRATIONS OF TCLP VOCs IN CHARACTERIZATION SOIL SAMPLES - NOVEMBER 2000

SAMPLE ID DEPTH INTERVAL (FT)	CHAR-1 0 - 4'	CHAR-2 8 - 9.1'	CHAR-3 4 - 8'	CHAR-4 0.5 - 4'	CHAR-5 4 - 7.7'	CHAR-6 0 - 3'
Benzene	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)
2-Butanone	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)
Carbon Tetrachloride	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)
Chlorobenzene	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)
Chloroform	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)
1,2-Dichloroethane	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)
1,1-Dichloroethene	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)
Tetrachloroethene	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)
Trichloroethene	ND (50)	15,000	4,200	ND (50)	ND (50)	ND (50)
Vinyl Chloride	ND (50)	130	ND (50)	ND (50)	ND (50)	380

Notes:

All concentrations expressed in μg/l (ppb).

ND = Non-Detect (detection limit in parentheses).

TABLE 2

Central Hudson Gas & Electric Corporation
Little Britain Road Service Center
New Windsor, New York

CONCENTRATIONS OF TCLP SVOCs IN CHARACTERIZATION SOIL SAMPLES - NOVEMBER 2000

SAMPLE ID DEPTH INTERVAL (FT)	CHAR-1 0 - 4'	CHAR-2 8 - 9.1'	CHAR-3 4 - 8'	CHAR-4 0.5 - 4'	CHAR-5 4 - 7.7'	CHAR-6 0 - 3'
1,4-Dichlorobenzene	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)
2,4-Dinitrotoluene	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)
Hexachlorobenzene	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)
Hexachlorobutadiene	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)
Hexachloroethane	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)
2-Methylphenol	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)
3+4-Methylphenol	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)
Nitrobenzene	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)
Pentachlorophenol	ND (500)	ND (500)	ND (500)	ND (500)	ND (500)	ND (500)
Pyridine	ND (500)	ND (500)	ND (500)	ND (500)	ND (500)	ND (500)
2,4,6-Trichlorophenol	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)
2,4,5-Trichlorophenol	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)

Notes:

All concentrations expressed in μg/l (ppb).

ND = Non-Detect (detection limit in parentheses).

TABLE 3

Central Hudson Gas & Electric Corporation
Little Britain Road Service Center
New Windsor, New York

CONCENTRATIONS OF TCLP INORGANICS IN CHARACTERIZATION SOIL SAMPLES - NOVEMBER 2000

SAMPLE ID DEPTH INTERVAL (FT)	CHAR-1 0 - 4'	CHAR-2 8 - 9.1'	CHAR-3 4 - 8'	CHAR-4 0.5 - 4'	CHAR-5 4 - 7.7'	CHAR-6 0 - 3'
Arsenic	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Barium	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
Cadmium	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Chromium	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Lead	0.18	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	0.823
Mercury	ND (0.003)	ND (0.003)	ND (0.003)	ND (0.003)	ND (0.003)	ND (0.003)
Selenium	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Silver	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)

Notes:

All concentrations expressed in mg/L (ppm).

ND = Non-Detect (detection limit in parentheses)

TABLE 4

Central Hudson Gas & Electric Corporation
Little Britain Road Service Center
New Windsor, New York

RESULTS OF TCLP WET CHEMISTRY ANALYSES IN CHARACTERIZATION SOIL SAMPLES - NOVEMBER 2000

SAMPLE ID DEPTH INTERVAL (FT)	CHAR-1 0 - 8'	CHAR-2 4 - 14'	CHAR-3 0 - 11.8'	CHAR-4 0.5 - 6'	CHAR-5 0 - 7.7'	CHAR-6 0 - 3'
Cyanide Reactivity (mg/kg)	ND (0.397)	ND (0.434)	ND (0.381)	ND (0.402)	ND (0.392)	ND (0.363)
Flash Point (°C)	>100	>100	>100	>100	>100	>100
Percent Solids (%)	83.9	76.7	87.3	82.9	85.0	91.7
pH (standard units)	6.74	6.85	7.13	6.65	6.92	6.88
Sulfide Reactivity (mg/kg)	ND (11.9)	70.4	ND (11.5)	ND (12.1)	ND (11.8)	ND (10.9)

Notes:

ND = Non-Detect (detection limit in parentheses).

> = greater than.

TABLE 5

Central Hudson Gas & Electric Corporation
Little Britain Road Service Center
New Windsor, New York

CONCENTRATIONS OF PCBs IN CHARACTERIZATION SOIL SAMPLES - NOVEMBER 2000

SAMPLE ID DEPTH INTERVAL (FT)	CHAR-1 0 - 8'	CHAR-2 4 - 14'	CHAR-3 0 - 11.8'	CHAR-4 0.5 - 6'	CHAR-5 0 - 7.7'	CHAR-6 0 - 3'
Aroclor 1016	ND (0.48)	ND (0.52)	ND (0.46)	ND (0.48)	ND (0.47)	ND (0.87)
Aroclor 1221	ND (0.48)	ND (0.52)	ND (0.46)	ND (0.48)	ND (0.47)	ND (0.87)
Aroclor 1232	ND (0.48)	ND (0.52)	ND (0.46)	ND (0.48)	ND (0.47)	ND (0.87)
Aroclor 1242	ND (0.48)	ND (0.52)	ND (0.46)	ND (0.48)	ND (0.47)	8.1
Aroclor 1248	ND (0.48)	ND (0.52)	ND (0.46)	ND (0.48)	ND (0.47)	ND (0.87)
Aroclor 1254	ND (0.48)	ND (0.52)	ND (0.46)	ND (0.48)	ND (0.47)	ND (0.87)
Aroclor 1260	ND (0.48)	ND (0.52)	ND (0.46)	ND (0.48)	ND (0.47)	ND (0.87)
Total PCBs	ND (0.48)	ND (0.52)	ND (0.46)	ND (0.48)	ND (0.47)	8.1

Notes:
All concentrations expressed in mg/kg (ppm).
ND = Non-Detect (detection limits in parentheses).

TABLE 6

Central Hudson Gas & Electric Corporation
Little Britain Road Service Center
New Windsor, New York

CONCENTRATIONS OF GASOLINE & DIESEL RANGE ORGANICS IN CHARACTERIZATION SOIL SAMPLES - NOVEMBER 2000

SAMPLE ID DEPTH INTERVAL (FT)	CHAR-1 0 - 4'	CHAR-2 8 - 9.1'	CHAR-3 4 - 8'	CHAR-4 0.5 - 4'	CHAR-5 4 - 7.7'	CHAR-6 0 - 3'
Gasoline Range Organics	150	170	68	100	ND (0.059)	150
Diesel Range Organics	1,300	2,100	830	1,200	ND (4.7)	2,100

Notes:

All concentrations expressed in mg/kg (ppm).

ND = Non-Detect (detection limit in parentheses).

TABLE 7

Central Hudson Gas & Electric Corporation
Little Britain Road Service Center
New Windsor, New York

CONCENTRATIONS OF VOCs IN CHARACTERIZATION SOIL SAMPLES - JANUARY AND FEBRUARY 2001

SAMPLE ID DEPTH INTERVAL (FT)	TP-1 9'	1 0 - 6.5'	2 0 - 6'	3 0 - 4'	4 0 - 8.2'	5 0 - 7'	6 0 - 4.2'	7 0 - 9'	9 0 - 3'	10 0 - 5'	11 0 - 4.5'	12 0 - 8'	13 0 - 1.8'	14 0 - 5.5'
Benzene	ND (3.0)	ND (0.05)	ND (0.25)	ND (0.05)	ND (0.25)	ND (0.005)	ND (0.05)	ND (0.05)	ND (0.5)	ND (0.25)	ND (0.05)	ND (0.05)	ND (0.25)	ND (0.005)
Bromodichloromethane	ND (3.0)	ND (0.05)	ND (0.25)	ND (0.05)	ND (0.25)	ND (0.005)	ND (0.05)	ND (0.05)	ND (0.5)	ND (0.25)	ND (0.05)	ND (0.05)	ND (0.25)	ND (0.005)
Bromoform	ND (3.0)	ND (0.05)	ND (0.25)	ND (0.05)	ND (0.25)	ND (0.005)	ND (0.05)	ND (0.05)	ND (0.5)	ND (0.25)	ND (0.05)	ND (0.05)	ND (0.25)	ND (0.005)
Bromomethane	ND (3.0)	ND (0.1)	ND (0.5)	ND (0.1)	ND (0.5)	ND (0.01)	ND (0.1)	ND (0.1)	ND (1.0)	ND (0.5)	ND (0.1)	ND (0.1)	ND (0.5)	ND (0.01)
Carbon Tetrachloride	ND (3.0)	ND (0.05)	ND (0.25)	ND (0.05)	ND (0.25)	ND (0.005)	ND (0.05)	ND (0.05)	ND (0.5)	ND (0.25)	ND (0.05)	ND (0.05)	ND (0.25)	ND (0.005)
Chlorobenzene	ND (3.0)	ND (0.05)	ND (0.25)	ND (0.05)	ND (0.25)	ND (0.005)	ND (0.05)	ND (0.05)	ND (0.5)	ND (0.25)	ND (0.05)	ND (0.05)	ND (0.25)	ND (0.005)
Chloroethane	ND (3.0)	ND (0.1)	ND (0.5)	ND (0.1)	ND (0.5)	ND (0.01)	ND (0.1)	ND (0.1)	ND (1.0)	ND (0.5)	ND (0.1)	ND (0.1)	ND (0.5)	ND (0.01)
2-Chloroethylvinylether	NA	ND (0.1)	ND (0.5)	ND (0.05)	ND (0.5)	ND (0.01)	ND (0.1)	ND (0.1)	ND (1.0)	ND (0.5)	ND (0.1)	ND (0.1)	ND (0.5)	ND (0.01)
Chloroform	ND (3.0)	ND (0.05)	ND (0.25)	ND (0.05)	ND (0.25)	ND (0.005)	ND (0.05)	ND (0.05)	ND (0.5)	ND (0.25)	ND (0.05)	ND (0.05)	ND (0.25)	ND (0.005)
Chloromethane	ND (3.0)	ND (0.1)	ND (0.5)	ND (0.1)	ND (0.5)	ND (0.01)	ND (0.1)	ND (0.1)	ND (1.0)	ND (0.5)	ND (0.1)	ND (0.1)	ND (0.5)	ND (0.01)
Dibromochloromethane	ND (3.0)	ND (0.05)	ND (0.25)	ND (0.05)	ND (0.25)	ND (0.005)	ND (0.05)	ND (0.05)	ND (0.5)	ND (0.25)	ND (0.05)	ND (0.05)	ND (0.25)	ND (0.005)
1,1-Dichloroethane	ND (3.0)	ND (0.05)	ND (0.25)	ND (0.05)	ND (0.25)	ND (0.005)	ND (0.05)	ND (0.05)	ND (0.5)	ND (0.25)	ND (0.05)	ND (0.05)	ND (0.25)	ND (0.005)
1,2-Dichloroethane	ND (3.0)	ND (0.05)	ND (0.25)	ND (0.05)	ND (0.25)	ND (0.005)	ND (0.05)	ND (0.05)	ND (0.5)	ND (0.25)	ND (0.05)	ND (0.05)	ND (0.25)	ND (0.005)
1,1-Dichloroethene	ND (3.0)	ND (0.05)	ND (0.25)	ND (0.05)	ND (0.25)	ND (0.005)	ND (0.05)	ND (0.05)	ND (0.5)	ND (0.25)	ND (0.05)	ND (0.05)	ND (0.25)	ND (0.005)
1,2-Dichloroethene (Total)	58*	ND (0.05)	0.3	ND (0.05)	15	ND (0.005)	2.5	ND (0.05)	2.2	3.8	ND (0.05)	2.2	1.3	ND (0.005)
1,2-Dichloropropane	ND (3.0)	ND (0.05)	ND (0.25)	ND (0.05)	ND (0.25)	ND (0.005)	ND (0.05)	ND (0.05)	ND (0.5)	ND (0.25)	ND (0.05)	ND (0.05)	ND (0.25)	ND (0.005)
cis-1,3-Dichloropropene	ND (3.0)	ND (0.05)	ND (0.25)	ND (0.05)	ND (0.25)	ND (0.005)	ND (0.05)	ND (0.05)	ND (0.5)	ND (0.25)	ND (0.05)	ND (0.05)	ND (0.25)	ND (0.005)
trans-1,3-Dichloropropene	ND (3.0)	ND (0.05)	ND (0.25)	ND (0.05)	ND (0.25)	ND (0.005)	ND (0.05)	ND (0.05)	ND (0.5)	ND (0.25)	ND (0.05)	ND (0.05)	ND (0.25)	ND (0.005)
Ethylbenzene	ND (3.0)	0.096	ND (0.25)	0.094	ND (0.25)	ND (0.005)	0.068	0.28	ND (0.5)	ND (0.25)	ND (0.05)	0.23	2.3	ND (0.005)
Methylene Chloride	ND (3.0)	ND (0.05)	ND (0.25)	ND (0.05)	ND (0.25)	ND (0.005)	ND (0.05)	ND (0.05)	ND (0.5)	ND (0.25)	ND (0.05)	ND (0.05)	ND (0.25)	ND (0.005)
1,1,2,2-Tetrachloroethane	ND (3.0)	ND (0.05)	ND (0.25)	ND (0.05)	ND (0.25)	ND (0.005)	ND (0.05)	ND (0.05)	ND (0.5)	ND (0.25)	ND (0.05)	ND (0.05)	ND (0.25)	ND (0.005)
Tetrachloroethene	ND (3.0)	ND (0.05)	ND (0.25)	ND (0.05)	ND (0.25)	ND (0.005)	ND (0.05)	ND (0.05)	ND (0.5)	ND (0.25)	ND (0.05)	ND (0.05)	ND (0.25)	ND (0.005)
Toluene	5.8	ND (0.05)	1.7	0.078	4.0	ND (0.005)	ND (0.05)	0.1	ND (0.5)	ND (0.25)	ND (0.05)	2.2	1.4	ND (0.005)
1,1,1-Trichloroethane	ND (3.0)	ND (0.05)	ND (0.25)	ND (0.05)	ND (0.25)	ND (0.005)	ND (0.05)	ND (0.05)	ND (0.5)	ND (0.25)	ND (0.05)	ND (0.05)	ND (0.25)	ND (0.005)
1,1,2-Trichloroethane	ND (3.0)	ND (0.05)	ND (0.25)	ND (0.05)	ND (0.25)	ND (0.005)	ND (0.05)	ND (0.05)	ND (0.5)	ND (0.25)	ND (0.05)	ND (0.05)	ND (0.25)	ND (0.005)
Trichloroethene	ND (3.0)	0.07	ND (0.25)	ND (0.05)	ND (0.25)	ND (0.005)	ND (0.05)	ND (0.05)	17	3.1	ND (0.05)	ND (0.05)	ND (0.25)	ND (0.005)
Trichlorofluoromethane	NA	ND (0.05)	ND (0.25)	ND (0.05)	ND (0.25)	ND (0.005)	ND (0.05)	ND (0.05)	ND (0.5)	ND (0.25)	ND (0.05)	ND (0.05)	ND (0.25)	ND (0.005)
Vinyl Chloride	3	ND (0.1)	ND (0.5)	ND (0.1)	ND (0.5)	ND (0.01)	ND (0.1)	ND (0.1)	ND (1.0)	ND (0.5)	ND (0.1)	ND (0.1)	ND (0.5)	ND (0.01)
Xylene (Total)	4.8	0.08	0.65	0.44	0.75	ND (0.005)	0.35	0.67	ND (0.5)	ND (0.25)	0.36	1.0	9.5	ND (0.005)
Acetone	ND (12.0)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Butanone (MEK)	ND (6.0)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon disulfide	ND (6.0)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Hexanone	ND (6.0)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Methyl-2-Pentanone (MIBK)	ND (6.0)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Styrene	ND (3.0)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

All concentrations expressed in mg/kg (ppm).

ND = Non-Detect (detection limit in parentheses).

* Concentration reported is for cis-1,2-dichloroethene.

** Concentration reported is for M+P-Xylene.

NA = Constituent not analalzed.

TABLE 8

Central Hudson Gas & Electric Corporation
Little Britain Road Service Center
New Windsor, New York

CONCENTRATIONS OF VOCs IN PRE-REMEDIATION VERIFICATION SOIL SAMPLES - NOVEMBER 2000

SAMPLE ID DEPTH (ft)	CHAR-5[1] 4 - 7.7'	VER-1 4 - 7'	VER-2 0 - 2.5'	VER-3 0 - 3.3'	VER-4 4 - 8'	VER-5 4 - 7.2'	VER-6 4 - 7.3'	VER-7 0 - 4'	VER-8 4 - 8'	VER-9 4 - 8'	VER-10 4 - 5'	VER-11 0 - 4'	VER-12 4 - 8'	NYSDEC TAGM[2]
Acetone	ND (0.023)	ND (0.023)	ND (0.046)	0.091	0.036	ND (0.024)	ND (0.024)	ND (0.023)	ND (0.12)	ND (0.023)	ND (0.023)	0.11	ND (0.023)	0.2
Benzene	ND (0.0058)	ND (0.0058)	ND (0.012)	ND (0.0057)	ND (0.0056)	ND (0.0059)	ND (0.006)	ND (0.0058)	ND (0.029)	ND (0.0058)	ND (0.0057)	ND (0.006)	ND (0.0056)	0.7
Bromodichloromethane	ND (0.0058)	ND (0.0058)	ND (0.012)	ND (0.0057)	ND (0.0056)	ND (0.0059)	ND (0.006)	ND (0.0058)	ND (0.029)	ND (0.0058)	ND (0.0057)	ND (0.006)	ND (0.0056)	NA
Bromoform	ND (0.0058)	ND (0.0058)	ND (0.012)	ND (0.0057)	ND (0.0056)	ND (0.0059)	ND (0.006)	ND (0.0058)	ND (0.029)	ND (0.0058)	ND (0.0057)	ND (0.006)	ND (0.0056)	NA
Bromomethane	ND (0.0058)	ND (0.0058)	ND (0.012)	ND (0.0057)	ND (0.0056)	ND (0.0059)	ND (0.006)	ND (0.0058)	ND (0.029)	ND (0.0058)	ND (0.0057)	ND (0.006)	ND (0.0056)	NA
2-Butanone (MEK)	ND (0.012)	ND (0.012)	ND (0.023)	0.011	ND (0.011)	ND (0.012)	ND (0.012)	ND (0.012)	ND (0.059)	ND (0.012)	ND (0.011)	0.022	ND (0.011)	0.3
Carbon Disulfide	ND (0.012)	ND (0.012)	ND (0.023)	ND (0.011)	ND (0.011)	ND (0.012)	ND (0.012)	ND (0.012)	ND (0.059)	ND (0.012)	ND (0.011)	ND (0.012)	ND (0.011)	2.7
Carbon Tetrachloride	ND (0.0058)	ND (0.0058)	ND (0.012)	ND (0.0057)	ND (0.0056)	ND (0.0059)	ND (0.006)	ND (0.0058)	ND (0.029)	ND (0.0058)	ND (0.0057)	ND (0.006)	ND (0.0056)	0.6
Chlorobenzene	ND (0.0058)	ND (0.0058)	ND (0.012)	ND (0.0057)	ND (0.0056)	ND (0.0059)	ND (0.006)	ND (0.0058)	ND (0.029)	ND (0.0058)	ND (0.0057)	ND (0.006)	ND (0.0056)	1.7
Chloroethane	ND (0.0058)	ND (0.0058)	ND (0.012)	ND (0.0057)	ND (0.0056)	ND (0.0059)	ND (0.006)	ND (0.0058)	ND (0.029)	ND (0.0058)	ND (0.0057)	ND (0.006)	ND (0.0056)	1.9
Chloroform	ND (0.0058)	ND (0.0058)	ND (0.012)	ND (0.0057)	ND (0.0056)	ND (0.0059)	ND (0.006)	ND (0.0058)	ND (0.029)	ND (0.0058)	ND (0.0057)	ND (0.006)	ND (0.0056)	0.3
Chloromethane	ND (0.0058)	ND (0.0058)	ND (0.012)	ND (0.0057)	ND (0.0056)	ND (0.0059)	ND (0.006)	ND (0.0058)	ND (0.029)	ND (0.0058)	ND (0.0057)	ND (0.006)	ND (0.0056)	NA
Dibromochloromethane	ND (0.0058)	ND (0.0058)	ND (0.012)	ND (0.0057)	ND (0.0056)	ND (0.0059)	ND (0.006)	ND (0.0058)	ND (0.029)	ND (0.0058)	ND (0.0057)	ND (0.006)	ND (0.0056)	NA
1,1-Dichloroethane	ND (0.0058)	ND (0.0058)	ND (0.012)	ND (0.0057)	ND (0.0056)	ND (0.0059)	ND (0.006)	ND (0.0058)	ND (0.029)	ND (0.0058)	ND (0.0057)	ND (0.006)	ND (0.0056)	0.2
1,2-Dichloroethane	ND (0.0058)	ND (0.0058)	ND (0.012)	ND (0.0057)	ND (0.0056)	ND (0.0059)	ND (0.006)	ND (0.0058)	ND (0.029)	ND (0.0058)	ND (0.0057)	ND (0.006)	ND (0.0056)	0.1
1,1-Dichloroethene	ND (0.0058)	ND (0.0058)	ND (0.012)	ND (0.0057)	ND (0.0056)	ND (0.0059)	ND (0.006)	ND (0.0058)	ND (0.029)	ND (0.0058)	ND (0.0057)	ND (0.006)	ND (0.0056)	0.4
cis-1,2-Dichloroethene	0.025	0.029	ND (0.012)	ND (0.0057)	0.021	ND (0.0059)	ND (0.006)	ND (0.0058)	ND (0.029)	ND (0.0058)	0.0065	0.025	ND (0.0056)	0.25
trans-1,2-Dichloroethene	ND (0.0058)	ND (0.0058)	ND (0.012)	ND (0.0057)	ND (0.0056)	ND (0.0059)	ND (0.006)	ND (0.0058)	ND (0.029)	ND (0.0058)	ND (0.0057)	ND (0.006)	ND (0.0056)	0.3
1,2-Dichloropropane	ND (0.0058)	ND (0.0058)	ND (0.012)	ND (0.0057)	ND (0.0056)	ND (0.0059)	ND (0.006)	ND (0.0058)	ND (0.029)	ND (0.0058)	ND (0.0057)	ND (0.006)	ND (0.0056)	NA
cis-1,3-Dichloropropene	ND (0.0058)	ND (0.0058)	ND (0.012)	ND (0.0057)	ND (0.0056)	ND (0.0059)	ND (0.006)	ND (0.0058)	ND (0.029)	ND (0.0058)	ND (0.0057)	ND (0.006)	ND (0.0056)	NA
trans-1,3-Dichloropropene	ND (0.0058)	ND (0.0058)	ND (0.012)	ND (0.0057)	ND (0.0056)	ND (0.0059)	ND (0.006)	ND (0.0058)	ND (0.029)	ND (0.0058)	ND (0.0057)	ND (0.006)	ND (0.0056)	NA
Ethylbenzene	ND (0.0058)	ND (0.0058)	ND (0.012)	ND (0.0057)	ND (0.0056)	ND (0.0059)	ND (0.006)	ND (0.0058)	ND (0.029)	ND (0.0058)	ND (0.0057)	ND (0.006)	ND (0.011)	5.5
2-Hexanone	ND (0.012)	ND (0.012)	ND (0.023)	ND (0.011)	ND (0.011)	ND (0.012)	ND (0.012)	ND (0.012)	ND (0.059)	ND (0.012)	ND (0.011)	ND (0.012)	ND (0.0056)	NA
Methylene Chloride	ND (0.0058)	ND (0.0058)	ND (0.012)	ND (0.0057)	ND (0.0056)	ND (0.0059)	ND (0.006)	ND (0.0058)	ND (0.029)	ND (0.0058)	ND (0.0057)	ND (0.006)	ND (0.011)	0.1
4-Methyl-2-Pentanone (MIBK)	ND (0.012)	ND (0.012)	ND (0.023)	ND (0.011)	ND (0.011)	ND (0.012)	ND (0.012)	ND (0.012)	ND (0.059)	ND (0.012)	ND (0.011)	ND (0.012)	ND (0.0056)	1.0
Styrene	ND (0.0058)	ND (0.0058)	ND (0.012)	ND (0.0057)	ND (0.0056)	ND (0.0059)	ND (0.006)	ND (0.0058)	ND (0.029)	ND (0.0058)	ND (0.0057)	ND (0.006)	ND (0.0056)	NA
1,1,2,2-Tetrachloroethane	ND (0.0058)	ND (0.0058)	ND (0.012)	ND (0.0057)	ND (0.0056)	ND (0.0059)	ND (0.006)	ND (0.0058)	ND (0.029)	ND (0.0058)	ND (0.0057)	ND (0.006)	ND (0.0056)	0.6
Tetrachloroethene	ND (0.0058)	ND (0.0058)	ND (0.012)	ND (0.0057)	ND (0.0056)	ND (0.0059)	ND (0.006)	ND (0.0058)	ND (0.029)	ND (0.0058)	ND (0.0057)	ND (0.006)	0.011	1.4
Toluene	ND (0.0058)	ND (0.0058)	ND (0.012)	0.0068	0.031	ND (0.0059)	ND (0.006)	ND (0.0058)	ND (0.029)	ND (0.0058)	ND (0.0057)	0.041	ND (0.0056)	1.5
1,1,1-Trichloroethane	ND (0.0058)	ND (0.0058)	ND (0.012)	ND (0.0057)	ND (0.0056)	ND (0.0059)	ND (0.006)	ND (0.0058)	ND (0.029)	ND (0.0058)	ND (0.0057)	ND (0.006)	ND (0.0056)	0.8
1,1,2-Trichloroethane	ND (0.0058)	ND (0.0058)	ND (0.012)	ND (0.0057)	ND (0.0056)	ND (0.0059)	ND (0.006)	ND (0.0058)	ND (0.029)	ND (0.0058)	ND (0.0057)	ND (0.006)	ND (0.0056)	NA
Trichloroethene	ND (0.0058)	0.038	ND (0.012)	ND (0.0057)	0.013	ND (0.0059)	ND (0.006)	ND (0.0058)	ND (0.029)	0.0062	0.150	0.01	ND (0.0056)	0.7
Vinyl Chloride	ND (0.0058)	ND (0.0058)	ND (0.012)	ND (0.0057)	ND (0.0056)	ND (0.0059)	ND (0.006)	ND (0.0058)	ND (0.029)	ND (0.0058)	ND (0.0057)	ND (0.006)	ND (0.0056)	0.2
o-Xylene	ND (0.0058)	ND (0.0058)	ND (0.012)	ND (0.0057)	ND (0.0056)	ND (0.0059)	ND (0.006)	ND (0.0058)	ND (0.029)	ND (0.0058)	ND (0.0057)	ND (0.006)	ND (0.0056)	1.2[3]
m+p-Xylene	ND (0.0058)	ND (0.0058)	ND (0.012)	ND (0.0057)	ND (0.0056)	ND (0.0059)	ND (0.006)	ND (0.0058)	ND (0.029)	ND (0.0058)	ND (0.0057)	ND (0.006)	ND (0.0056)	1.2[3]

Notes:

All concentrations expressed in mg/kg (ppm).

ND = Non-Detect (detection limit in parentheses)

[1] This sample served the purpose of a verification sample.

[2] NYSDEC TAGM #4046 recommended soil cleanup objective.

NA = NYSDEC TAGM #4046 recommended soil cleanup objective is not available.

[3] NYSDEC TAGM #4046 recommended soil cleanup objective for total xylenes is 1.2 ppm.

TABLE 9

Central Hudson Gas & Electric Corporation
Little Britain Road Service Center
New Windsor, New York

CONCENTRATIONS OF VOCs IN PRE-REMEDIATION GROUNDWATER SAMPLES - NOVEMBER 2000

SAMPLE ID	CHAR-3	MW94-1B	DUP-2[1]	MW94-5	MW96-6	MW96-7B
Acetone	8.9 J	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)
Benzene	3.1 J	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)
Bromodichloromethane	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)
Bromoform	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)
Bromomethane	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)
2-Butanone (MEK)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Carbon Disulfide	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Carbon Tetrachloride	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)
Chlorobenzene	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)
Chloroethane	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)
Chloroform	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)
Chloromethane	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)
Dibromochloromethane	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)
1,1-Dichloroethane	ND (5.0)	ND (5.0)	ND (5.0)	1.1 J	ND (5.0)	12
1,2-Dichloroethane	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)
1,1-Dichloroethene	96	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)
cis-1,2-Dichloroethene	25,000	190	190	ND (5.0)	ND (5.0)	58
trans-1,2-Dichloroethene	180	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	1.9 J
1,2-Dichloropropane	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)
cis-1,3-Dichloropropene	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)
trans-1,3-Dichloropropene	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)
Ethylbenzene	140	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)
2-Hexanone	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Methylene Chloride	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)
4-Methyl-2-Pentanone (MIBK)	4.6 J	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Styrene	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)
1,1,2,2-Tetrachloroethane	2.2 J	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)
Tetrachloroethene	110	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)
Toluene	1,300 J	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)
1,1,1-Trichloroethane	ND (5.0)	ND (5.0)	ND (5.0)	1.0 J	ND (5.0)	2.1 J
1,1,2-Trichloroethane	50	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)
Trichloroethene	60,000	59	59	ND (5.0) E	ND (5.0)	15
Vinyl Chloride	960 E	1.0 J	1.4 J	ND (5.0)	ND (5.0)	38
o-Xylene	170	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)
m+p-Xylene	480 E	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)

Notes:

All concentrations expressed in µg/L (ppb).

ND = Non-Detect (detection limit in parentheses).

E = Identifies compounds whose concentrations exceed the calibration range of the instruments.

(1) Dup-2 is a duplicate sample of MW94-1B.

TABLE 10

Central Hudson Gas & Electric Corporation
Little Britain Road Service Center
New Windsor, New York

CONCENTRATIONS OF VOCs IN POST-EXCAVATION VERIFICATION SOIL SAMPLES

SAMPLE ID DEPTH (ft)	LBR-POST 1 8'	LBR-POST 2 8'	LBR-POST 3 8'	LBR-POST 4 8'	LBR-POST 5 8'	LBR-POST 6 8'	LBR-POST 7 8'	LBR-POST 8 15'	LBR-SW 1 4'	LBR-SW 2 4'	LBR-SW 3 4'	LBR-SW 4 4'	NYSDEC TAGM[1]
Chloromethane	ND (0.010)	ND (0.010)	ND (0.010)	ND (0.010)	ND (0.010)	ND (0.010)	ND (0.010)	ND (0.010)	ND (0.010)	ND (0.010)	ND (0.010)	ND (0.100)	NA
Bromomethane	ND (0.010)	ND (0.010)	ND (0.010)	ND (0.010)	ND (0.010)	ND (0.010)	ND (0.010)	ND (0.010)	ND (0.010)	ND (0.010)	ND (0.010)	ND (0.100)	NA
Vinyl Chloride	ND (0.010)	ND (0.010)	0.056	0.026	ND (0.010)	0.023	ND (0.010)	ND (0.010)	0.013	ND (0.010)	ND (0.010)	ND (0.100)	0.2
Chloroethane	ND (0.010)	ND (0.010)	ND (0.010)	ND (0.010)	ND (0.010)	ND (0.010)	ND (0.010)	ND (0.010)	ND (0.010)	ND (0.010)	ND (0.010)	ND (0.100)	1.9
Methylene Chloride	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.050)	0.1
Trichlorofluoromethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.050)	NA
1,1-Dichloroethene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.050)	0.4
1,1-Dichloroethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.050)	0.2
1,2-Dichloroethene Total	ND (0.006)	ND (0.005)	0.036	ND (0.005)	ND (0.005)	0.21	0.015	0.006	0.01	ND (0.005)	ND (0.005)	ND (0.050)	0.55[2]
Chloroform	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.050)	0.3
1,2-Dichloroethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.050)	0.1
1,1,1-Trichloroethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.050)	0.8
Carbon Tetrachloride	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.050)	0.6
Bromodichloroemethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.050)	NA
1,2-Dichloropropane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.050)	NA
trans,1,3-Dichloropropene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.050)	NA
Trichloroethene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	0.057	ND (0.005)	ND (0.005)	0.007	ND (0.005)	ND (0.005)	ND (0.050)	0.7
Benzene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.050)	0.06
Dibromochloromethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.050)	NA
1,1,2-Trichloroethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.050)	NA
cis-1,3-Dichloropropene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.050)	NA
2-Chloroethylvinylether	ND (0.010)	ND (0.010)	ND (0.010)	ND (0.010)	ND (0.010)	ND (0.010)	ND (0.010)	ND (0.010)	ND (0.010)	ND (0.010)	ND (0.010)	ND (0.100)	NA
Bromoform	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.050)	NA
1,1,2,2-Tetrachloroethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.050)	0.6
Tetrachloroethene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.050)	1.4
Toluene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	0.044	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.050)	1.5
Chlorobenzene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.050)	1.7
Ethylbenzene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	0.007	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.050)	5.5
Xylenes, Total	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	0.035	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.050)	1.2

Notes:

All concentrations expressed in mg/kg (ppm).

ND = Non-Detect (detection limit in parentheses).

[1] NYSDEC TAGM #4046 recommended soil cleanup objective.

[2] NYSDEC TAGM #4046 recommended soil cleanup objective for trans-1,2-dichloroethene is 0.3 ppm and for cis-1,2-dichloroethene is 0.25 ppm.

NA = NYSDEC TAGM #4046 recommended soil cleanup objective is not available.

Table 11

Central Hudson Gas & Electric Corporation
Little Britain Road Service Center
New Windsor, New York

Air Sample Results

Parameter	AIR-1 (3/26/01)	AIR-2 (3/29/01)	AIR-3 (4/4/01)	AIR-4 (4/10/01)
Vinyl Chloride	ND (0.04)	ND (0.04)	ND (0.04)	ND (0.02)
Other Volatile Organics	ND (0.3)	ND (0.2)	ND (0.2)	ND (0.2)

Notes:
All concentrations expressed in ppm.
ND = Non-Detect (detection limits in parentheses).
Sample medium used was a 3M 3520 passive organic vapor dosimeter badge.

TABLE 12

Central Hudson Gas & Electric Corporation
Little Britain Road Service Center
New Windsor, New York

CONCENTRATIONS OF VOCs IN POST-REMEDIATION GROUNDWATER SAMPLES - JUNE 2001

SAMPLE ID	MW94-1B	MW94-5	MW96-6	MW96-7B	MW01-8A	MW01-8B
Acetone	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)
Benzene	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)
Bromodichloromethane	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)
Bromoform	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)
Bromomethane	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)
2-Butanone (MEK)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Carbon Disulfide	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Carbon Tetrachloride	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)
Chlorobenzene	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)
Chloroethane	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)
Chloroform	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)
Chloromethane	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)
Dibromochloromethane	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)
1,1-Dichloroethane	ND (5.0)	ND (5.0)	ND (5.0)	14	ND (5.0)	ND (5.0)
1,2-Dichloroethane	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)
1,1-Dichloroethene	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)
cis-1,2-Dichloroethene	78	ND (5.0)	ND (5.0)	62	21	740
trans-1,2-Dichloroethene	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	5.4
1,2-Dichloropropane	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)
cis-1,3-Dichloropropene	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)
trans-1,3-Dichloropropene	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)
Ethylbenzene	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)
2-Hexanone	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Methylene Chloride	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)
4-Methyl-2-Pentanone (MIBK)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Styrene	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)
1,1,2,2-Tetrachloroethane	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)
Tetrachloroethene	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)
Toluene	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	11
1,1,1-Trichloroethane	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)
1,1,2-Trichloroethane	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)
Trichloroethene	13	ND (5.0)	ND (5.0)	21	28	640
Vinyl Chloride	ND (5.0)	ND (5.0)	ND (5.0)	35	ND (5.0)	80
o-Xylene	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)
m+p-Xylene	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)

Notes:

All concentrations expressed in µg/L (ppb).

ND = Non-Detect (detection limit in parentheses).

TABLE 13

Central Hudson Gas & Electric Corporation
Little Britain Road Service Center
New Windsor, New York

GROUNDWATER ELEVATIONS IN MONITORING WELLS

Well ID	Reference Elevation (ft amsl)	Depth to Water (ft)	Groundwater Elevation 6/12/01 (ft amsl)
MW94-1B	295.24	5.40	289.84
MW94-5	297.62	5.74	291.88
MW96-6	301.02	9.93	291.09
MW96-7B	295.54	8.00	287.54
MW01-8A	297.39	7.92	289.47
MW01-8B	297.35	9.08	288.27

Surface Water Monitoring Point	Reference Elevation (ft amsl)	Depth to Water (ft)	Surface Water Elevation 6/12/01 (ft amsl)
Staff Gauge[1] (Lake Washington Stilling Basin)	290.02	approx. 0.25 (above)[3]	290.27
Pump House[2] (Lake Washington)	301.83	1.33	300.50

Notes:

ft = feet

amsl = above mean sea level

[1] Reference point is at top of 3/4-inch iron pipe set in water on east side of Lake Washington Stilling Basin. Note: This reference point elevation may not be accurate and should be resurveyed when the water levels in the stilling basin recede.

[2] Reference point is the chiseled square on the southeast corner of concrete footing to metal catwalk to the Pump House on Lake Washington.

[3] The reference point was under water and this measurement is an approximation.

Figures

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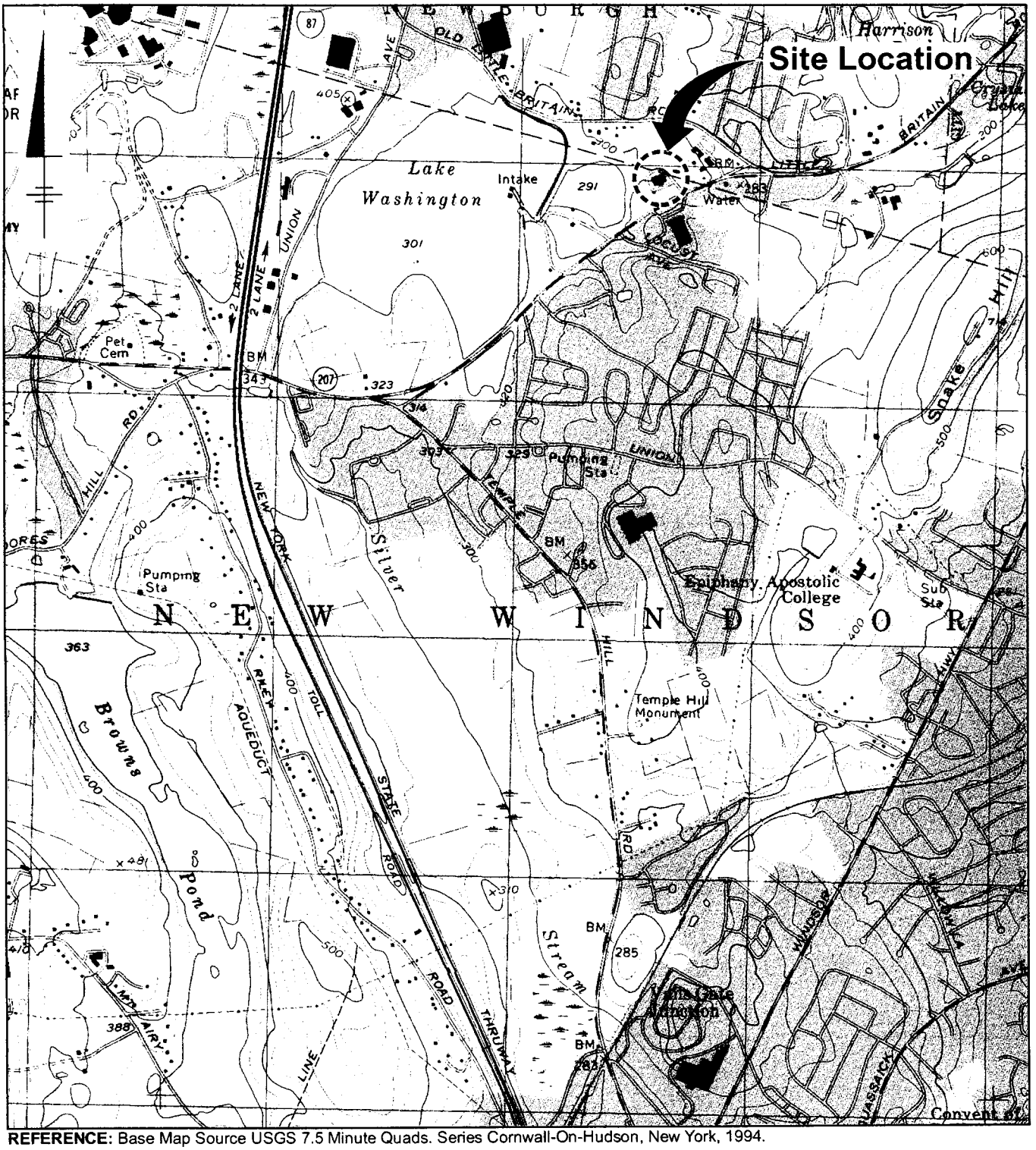
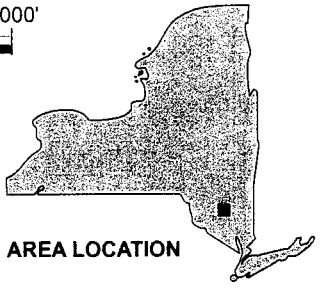


REFERENCE: Base Map Source USGS 7.5 Minute Quads. Series Cornwall-On-Hudson, New York, 1994.

2000' 0 2000'

Approximate Scale: 1" = 2000'



AREA LOCATION

CENTRAL HUDSON GAS AND ELECTRIC
LITTLE BRITAIN ROAD SERVICE CENTER
NEW WINDSOR, NEW YORK

SITE LOCATION MAP

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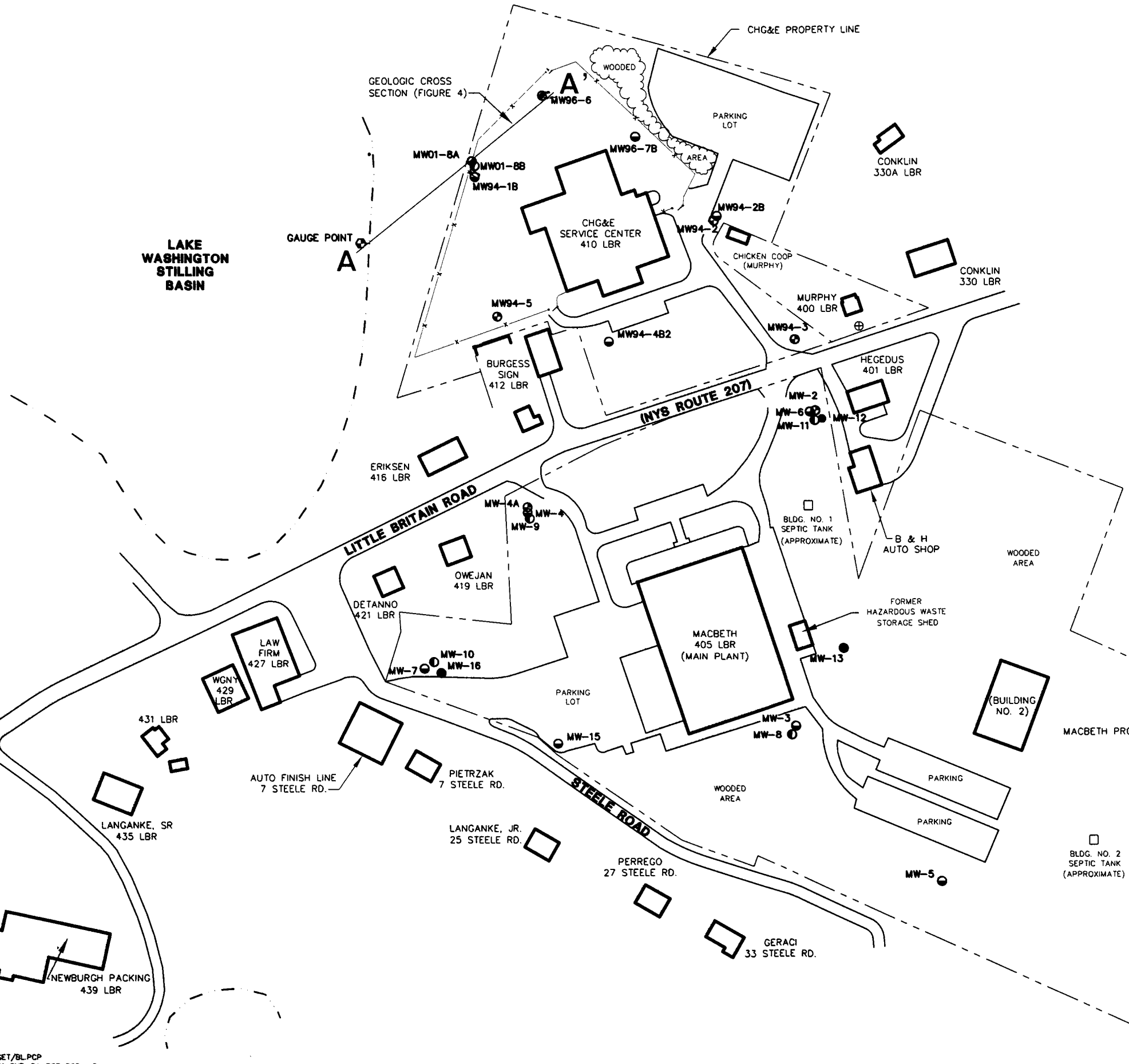
FIGURE 1

05/01 SYR-D54-LBR
20529003/20529n01.cdr



LEGEND

- OVERBURDEN MONITORING WELL
- UPPER BEDROCK MONITORING WELL
- INTERMEDIATE BEDROCK MONITORING WELL
- DEEPER BEDROCK MONITORING
- GAUGE POINT
- LBR LITTLE BRITAIN ROAD
- ⊕ APPROXIMATE LOCATION OF FORMER MURPHY WELL

NOTES:

1. BASE MAP DIGITIZED FROM CHG&E SITE SURVEY BY M. CHAZEN, 10/22/86 AND H2MGROUP DRAWINGS ENTITLED "POTENTIOMETRIC SURFACE OF UPPER BEDROCK AQUIFER 5/28/88" AND "LOCATION MAP", BOTH FROM AUGUST 1988 REPORT.
2. ALL LOCATIONS ARE APPROXIMATE.

SCALE: 200' 0 200'

CENTRAL HUDSON GAS & ELECTRIC CORPORATION
LITTLE BRITAIN ROAD SERVICE CENTER
NEW WINDSOR, NEW YORK

GENERAL SITE LOCATION

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FIGURE 2

PAGESET/BL.PCP
8/7/01 SYR-54-RCB RCB LJP
20529003\20514B05.DWG

CHG&E PROPERTY LINE

WOODED

PARKING LOT

AREA

ESTIMATED AREA OF IMPACTED SOIL

MW96-6

MW96-7B

MW01-8A
MW01-8B

MW94-1B

CHG&E SERVICE CENTER BUILDING

MW94-2B

MW94-2

CHICKEN COOP (MURPHY)

MW94-5

MW94-4B2

MW94-3

LEGEND

- OVERBURDEN MONITORING WELL
- UPPER BEDROCK MONITORING WELL
- NEW OVERBURDEN MONITORING WELL
- NEW BEDROCK MONITORING WELL

NOTES:

1. BASE MAP DIGITIZED FROM CHG&E SITE SURVEY BY M. CHAZEN, 10/22/86 AND H2MGROUP DRAWINGS ENTITLED "POTENTIOMETRIC SURFACE OF UPPER BEDROCK AQUIFER 6/28/88" AND "LOCATION MAP", BOTH FROM AUGUST 1988 REPORT.
2. ALL LOCATIONS ARE APPROXIMATE.

SCALE:
60' 0 60'

CENTRAL HUDSON GAS & ELECTRIC CORPORATION
LITTLE BRITAIN ROAD SERVICE CENTER
NEW WINDSOR, NEW YORK

ESTIMATED AREA OF IMPACTED SOIL AND MONITORING WELL LOCATIONS

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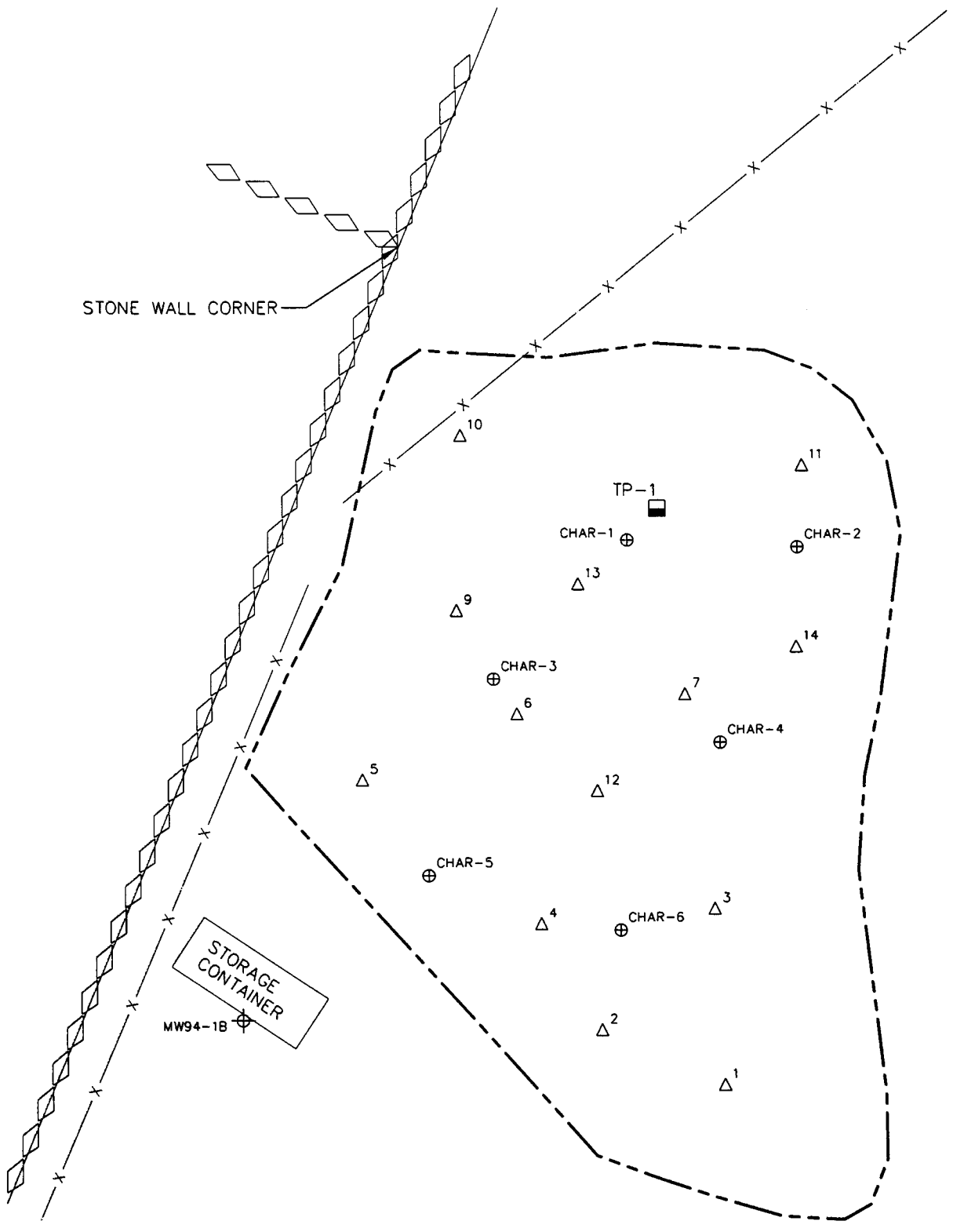
FIGURE 3

BL.PCP
L: FIG2 OFF_RO 9, SGRESULTS ON 8/7/01-SYR-54-RCB RCB LJP 20529003\20529SM5.DWG

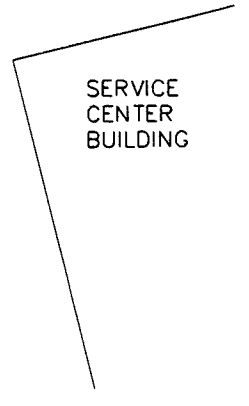


LEGEND:

- TP-1 — APPROXIMATE TEST PIT LOCATION
- CHAR-2 — CHARACTERIZATION SOIL SAMPLING LOCATION (NOVEMBER 2000)
- 1 Δ — APPROXIMATE CHARACTERIZATION SOIL SAMPLING LOCATION (FEBRUARY 2001)
- MW94-1B — MONITORING WELL
- —— x —— CHAIN LINK FENCE
- STONE WALL
- — — — APPROXIMATE HORIZONTAL LIMITS OF EXCAVATION

NOTES:

1. BASE MAP DIGITIZED FROM CHG&E SITE SURVEY CONDUCTED IN DECEMBER 2000.
2. EXCAVATION LIMITS ARE BASED ON FIELD MEASUREMENTS AND ARE APPROXIMATE.
3. NOVEMBER 2000 CHARACTERIZATION SOIL SAMPLING LOCATIONS BASED ON SURVEY CONDUCTED BY CHGE IN DECEMBER 2000.
4. FEBRUARY 2000 CHARACTERIZATION AND TEST PIT SAMPLING LOCATIONS ARE BASED ON FIELD MEASUREMENTS AND ARE APPROXIMATE.



0 20' 40'
GRAPHIC SCALE

CENTRAL HUDSON GAS & ELECTRIC CORPORATION
LITTLE BRITAIN ROAD SERVICE CENTER
NEW WINDSOR, NEW YORK

CHARACTERIZATION SAMPLING LOCATIONS

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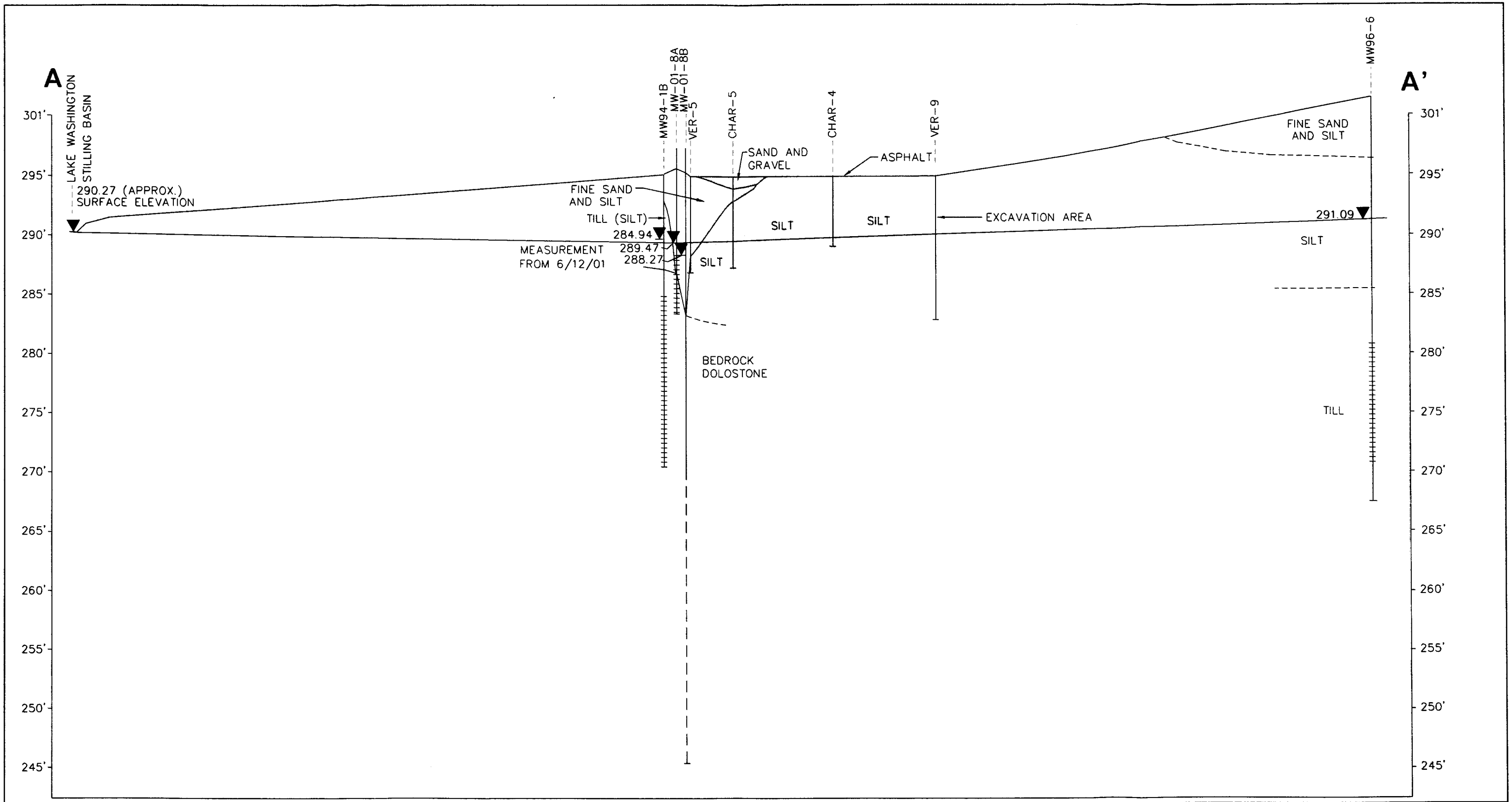
FIGURE **4**

X: NONE
L: ON=*, OFF=REF
P: BL
8/7/01 SYR-54-DCC PGL LJP
20529003/20529P01.DWG



0 40' 80'

HORIZONTAL SCALE

CENTRAL HUDSON GAS & ELECTRIC CORPORATION
LITTLE BRITAIN ROAD SERVICE CENTER
NEW WINDSOR, NEW YORK

CROSS SECTION A-A'

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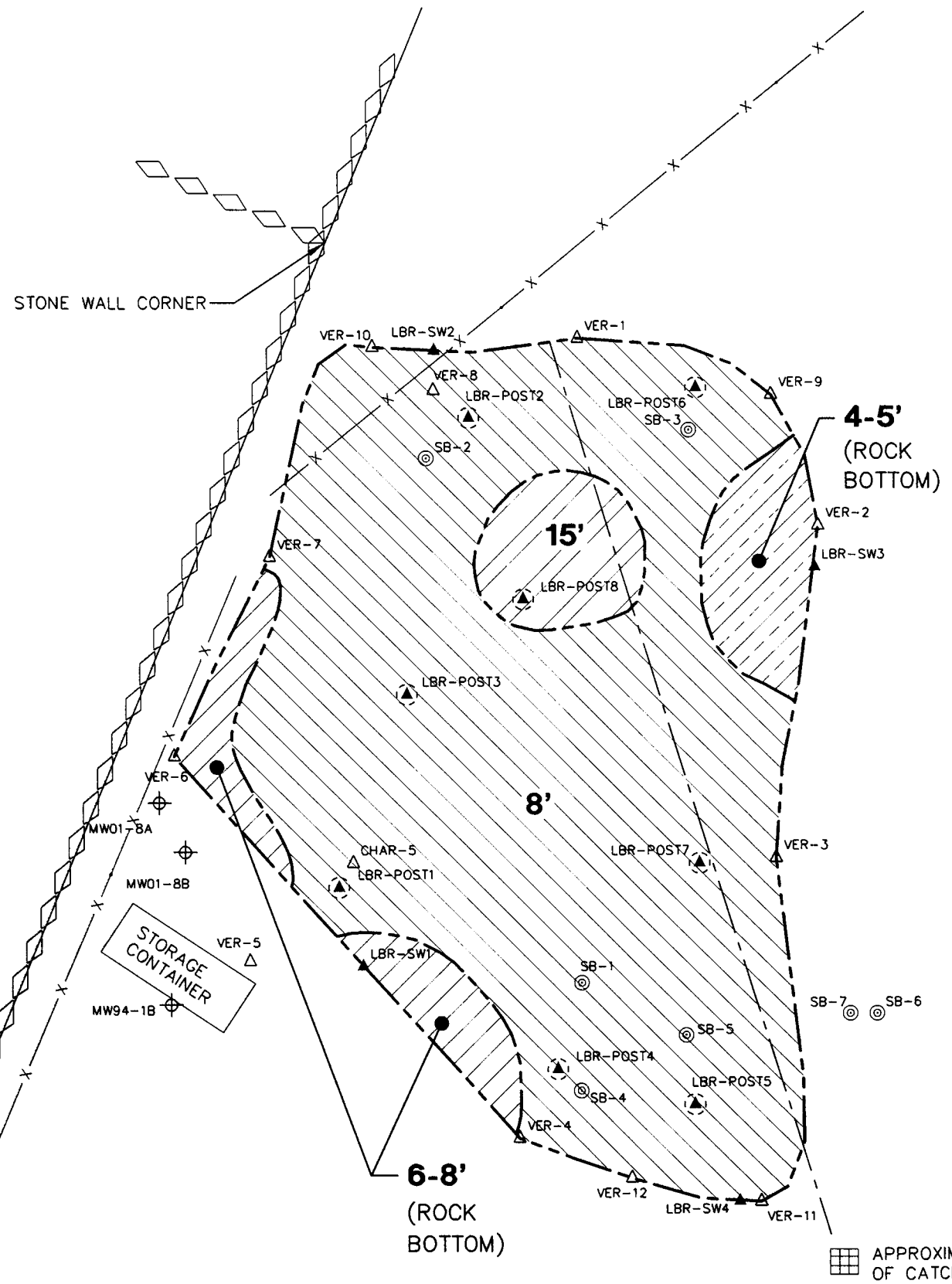
FIGURE **5**

x: (XREF)
L: (LAYER)
P: PAGESET/PLT-DL/D2BL
8/7/01 SYR-54-PGL RCB
20529003/20529V02.DWG



LEGEND:

- VER-9 △ — PRE-REMEDIATION VERIFICATION SAMPLE
- SB-3 ◎ — PRE-REMEDIATION OBSERVATION BORING
- LBR-SW3 ▲ — POST-EXCAVATION VERIFICATION SAMPLE (FROM SIDEWALL)
- LBR-POST6 ⊙ — POST-EXCAVATION VERIFICATION SAMPLE (FROM BOTTOM)
- MW94-1B ⊕ — MONITORING WELL
- —x— CHAIN LINK FENCE
- ◇◇◇ STONE WALL
- — - — APPROXIMATE LOCATION OF FORMER UNDERGROUND DRAINAGE PIPE
- — — — APPROXIMATE HORIZONTAL LIMITS OF EXCAVATION
- **8'** APPROXIMATE DEPTH OF EXCAVATION

NOTES:

1. BASE MAP DIGITIZED FROM CHG&E SITE SURVEY CONDUCTED IN DECEMBER 2000.
2. LOCATIONS OF PRE-REMEDIATION VERIFICATION SAMPLES AND PRE-REMEDIATION OBSERVATION BORINGS ARE BASED ON SURVEY CONDUCTED BY CHG&E IN DECEMBER 2000.
3. LOCATIONS OF POST-EXCAVATION VERIFICATION SAMPLES ARE BASED ON FIELD MEASUREMENTS AND ARE APPROXIMATE.
4. EXCAVATION LIMITS ARE BASED ON FIELD MEASUREMENTS AND ARE APPROXIMATE.

SERVICE CENTER BUILDING

0 20' 40'
GRAPHIC SCALE

CENTRAL HUDSON GAS & ELECTRIC CORPORATION
LITTLE BRITAIN ROAD SERVICE CENTER
NEW WINDSOR, NEW YORK

EXCAVATION LIMITS AND VERIFICATION SAMPLING LOCATIONS

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FIGURE 6

X: NONE
L: ON=*, OFF=REF
P: STD-PCP/BL
8/7/01 SYR-54-DCC RCB LJP
20529002/20529P01.DWG

Attachments 1 - 3

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Attachment 1

Subsurface Boring Logs

Date Start/Finish: 11/30/00-11/30/00 **Drilling Company:** BBL **Driller's Name:** Alex Marconi **Drilling Method:** Geoprobe **Rig Type:** AMS Power Probe 9600	**Northing:** NA **Easting:** NA **Casing Elevation:** NA **Borehole Depth:** 11' below grade **Surface Elevation:** NA **Descriptions By:** Tamara M. Hauptfleisch	**Boring ID:** CHAR-1 **Client:** Central Hudson Gas & Electric **Location:** Little Britain Road New Windsor, New York

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Geologic Column	Stratigraphic Description	Boring Construction
0 0	1	0-4	3.1	<9999	X		Dark gray grading to gray SILT and fine SAND, trace medium to coarse Sand and fine Gravel, very stiff, slight odor, moist.	
							Tan SILT, trace fine to medium Sand, trace Clay, strong odor, moist.	Borehole backfilled with cuttings and Bentonite chips.
5 5	2	4-8	3.5	1777	X		As above, gray grading to brown and gray, very stiff, moist.	
10 10	3	8-11	B.L.	<9999			As above, brown, moist to wet.	
15 15								

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Remarks: Interval from 0'-4' analyzed for TCLP VOCs, SVOCs, metals, herbicides/pesticides, GRO, and DRO; Interval from 0'-8' analyzed for PCBs, percent solids, cyanide reactivity, pH, flash point, and sulfide reactivity. B.L.=Broken Liner.

Date Start/Finish: 11/29/00-11/29/00 **Drilling Company:** BBL **Driller's Name:** Alex Marconi **Drilling Method:** Geoprobe **Rig Type:** AMS Power Probe 9600	**Northing:** NA **Easting:** NA **Casing Elevation:** NA **Borehole Depth:** 20' below grade **Surface Elevation:** NA **Descriptions By:** Tamara M. Hauptfleisch	**Boring ID:** CHAR-2 **Client:** Central Hudson Gas & Electric **Location:** Little Britain Road New Windsor, New York

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Geologic Column	Stratigraphic Description	Boring Construction
0 0				0.8			Brown to orange-brown FILL material, fine to coarse Sand and Gravel, trace Silt, dry.	Borehole backfilled with cuttings and Bentonite chips.
				32			Gray SILT, trace Clay, fine to coarse Sand, and fine Gravel, stiff, dry.	
	1	0-4	2.6				As above, brown with orange and gray mottling.	
				0.0				
5 5	2	4-8	1.5	37.8	X		Gray SILT with brown mottles, soft, trace medium to coarse Sand and fine Gravel, strong odor, saturated.	
10 10	3	8-12	1.1	94	X		Grayish-brown fine SAND, trace Silt, medium to coarse Sand, and Gravel, soft, strong odor, saturated.	
	4	12-16	2.0	40.2	X		As above, strong odor.	
15 15								

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Remarks: Interval from 8'-12' analyzed for TCLP VOCs, SVOCs, metals, GRO, and DRO. The remainder of 8'-12' was composited with 4'-8', & 12'-16' and was analyzed for PCBs, percent solids, cyanide reactivity, pH, flash point, & sulfide reactivity.

Client:
Central Hudson Gas & Electric

Site Location:
Little Britain Road
New Windsor, New York

Boring ID: CHAR-2

Borehole Depth: 20' below grade

DEPTH ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytcal Sample	Geologic Column	Stratigraphic Description	Boring Construction
							No Recovery.	
	5	16-20	0.0	0.0				Borehole backfilled with cuttings and Bentonite chips.
20 20								
25 25								
30 30								
35 35								

BBL
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engineers & scientists

Remarks: Interval from 8'-12' analyzed for TCLP VOCs, SVOCs, metals, GRO, and DRO. The remainder of 8'-12' was composited with 4'-8', & 12'-16' and was analyzed for PCBs, percent solids, cyanide reactivity, pH, flash point, & sulfide reactivity.

Date Start/Finish: 11/30/00-11/30/00
Drilling Company: BBL
Driller's Name: Alex Marconi
Drilling Method: Geoprobe
Rig Type: AMS Power Probe 9600

Northing: NA
Easting: NA
Casing Elevation: NA

Borehole Depth: 11.8' below grade
Surface Elevation: NA

Descriptions By: Tamara M. Hauptfleisch

Boring ID: CHAR-3

Client: Central Hudson Gas & Electric

Location: Little Britain Road
New Windsor, New York

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Geologic Column	Stratigraphic Description	Boring Construction
0 0								
	1	0-4	1.4	243	X		Brown fine to coarse SAND and fine to medium GRAVEL, trace Clay and Silt, wet.	
							Tan SILT with orangish mottles, trace fine to medium Sand, stiff, moist.	Borehole backfilled with cuttings and Bentonite chips.
5 5							ROCK pieces.	
	2	4-6	2.9	3076	X		Tan SILT and fine SAND, trace medium to coarse Sand and fine Gravel, stiff, strong odor, moist.	
							Fine SAND, some Silt, trace fine to coarse Sand, not as stiff as above, strong odor, wet.	
10 10	3	8-11.8	3.7	759	X		Orangish-brown SILT, some very fine Sand, trace medium to coarse Sand and fine to medium Gravel, grading to a softer fine Sand and Gravel, wet.	
							SILT, some fine to coarse Sand and fine Gravel, very stiff, dry.	
15 15								

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Remarks: Interval from 4'-8' analyzed for VOCs, SVOCs, metals, GRO, and DRO. Interval from 0'-11.8' analyzed for PCBs, percent solids, cyanide reactivity, pH, flash point, and sulfide reactivity.

Date Start/Finish: 11/30/00-11/30/00
Drilling Company: BBL
Driller's Name: Alex Marconi
Drilling Method: Geoprobe
Rig Type: AMs Power Probe 9600

Northing: NA
Easting: NA
Casing Elevation: NA

Borehole Depth: 6' below grade
Surface Elevation: NA

Descriptions By: Tamara M. Hauptfleisch

Boring ID: CHAR-4

Client: Central Hudson Gas & Electric

Location: Little Britain Road
New Windsor, New York

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Geologic Column	Stratigraphic Description	Boring Construction
0 0							ASPHALT.	
	1	0-4	3.2	65.3	X		Greenish-gray SILT, trace fine to medium Sand and fine Gravel, very stiff, strong odor, dry to moist.	Borehole backfilled with cuttings and Bentonite chips.
5 5	2	4-6	2.0	35.4	X		As above, strong odor, moist.	
10 10								
15 15								

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Remarks: Interval from 0.5'-4' analyzed for TCLP VOCs, SVOCs, metals, GRO, and DRO. Interval from 0.5'-6' analyzed for PCBs, percent solids, cyanide reactivity, pH, flash point, and sulfide reactivity.

Date Start/Finish: 11/30/00-11/30/00 **Drilling Company:** BBL **Driller's Name:** Alex Marconi **Drilling Method:** Geoprobe **Rig Type:** AMS Power Probe 9600	**Northing:** NA **Easting:** NA **Casing Elevation:** NA **Borehole Depth:** 7.7' below grade **Surface Elevation:** NA **Descriptions By:** Tamara M. Hauptfleisch	**Boring ID:** CHAR-5 **Client:** Central Hudson Gas & Electric **Location:** Little Britain Road New Windsor, New York

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Geologic Column	Stratigraphic Description	Boring Construction
0 0								
							Brown fine to coarse SAND and GRAVEL, wet.	
							Gray grading to greenish-gray SILT and very fine SAND, trace medium to coarse Sand, moist.	
	1	0-4	3.0	0.0	X		Orangish-brown SILT with orange mottles, trace Organics, fine to coarse Sand, and fine Gravel, stiff grading to very stiff, dry.	Borehole backfilled with cuttings and Bentonite chips.
5 5							As above, tan with orange mottles, stiff, dry to mosit.	
	2	4-7.7	1.7	0.0	X			
10 10								
15 15								

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Remarks: Interval from 4'-7.7' analyzed for TCLP VOCs, SVOCs, metals, GRO, and DRO.
Interval from 0'-7.7' analyzed for PCBs, percent solids, cyanide reactivity, pH, flash point, and sulfide reactivity.

Date Start/Finish: 11/30/00-11/30/00
Drilling Company: BBL
Driller's Name: Alex Marconi
Drilling Method: Geoprobe
Rig Type: AMS Power Probe 9600

Northing: NA
Easting: NA
Casing Elevation: NA

Borehole Depth: 3' below grade
Surface Elevation: NA

Descriptions By: Tamara M. Hauptfleisch

Boring ID: CHAR-6

Client: Central Hudson Gas & Electric

Location: Little Britain Road
New Windsor, New York

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Geologic Column	Stratigraphic Description	Boring Construction
0 0	1	0-3	2.8	177	X		Brown to orangish-brown to gray fine to coarse SAND and GRAVEL, dry.	
							Tannish-gray SILT, some fine SAND, trace medium to coarse Sand, stiff, slight odor, moist.	Borehole backfilled with cuttings and Bentonite chips.
5 5								
10 10								
15 15								

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Remarks: Interval from 0'-3' analyzed for TCLP VOCs, SVOCs, metals, PCBs, GRO, DRO, percent solids, cyanide reactivity, pH, flash point, and sulfide reactivity.

Date Start/Finish: 11/29/00-11/29/00
Drilling Company: BBL
Driller's Name: Alex Marconi
Drilling Method: Geoprobe
Rig Type: AMS Power Probe 9600

Northing: NA
Easting: NA
Casing Elevation: NA

Borehole Depth: 8' below grade
Surface Elevation: NA

Descriptions By: Tamara M. Hauptfleisch

Boring ID: SB-1

Client: Central Hudson Gas & Electric

Location: Little Britain Road
New Windsor, New York

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Geologic Column	Stratigraphic Description	Boring Construction
0 0							ASPHALT.	
							Orangish-brown SILT and fine SAND, trace medium to coarse Sand, very stiff, slight odor, dry.	
							As above, gray, strong odor.	
	1	0-4	4.0	553			As above, tan, grading to Silt @ 4.0' bgs, stiff, strong odor, moist.	Borehole backfilled with cuttings and Bentonite chips.
-5 5							Tannish gray SILT, some Clay, trace fine to medium Sand and fine Gravel, strong odor, wet.	
	2	4-8	2.3	73.5				
10 10								
15 15								

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Remarks:

Date Start/Finish: 11/29/00-11/29/00 **Drilling Company:** BBL **Driller's Name:** Alex Marconi **Drilling Method:** Geoprobe **Rig Type:** AMS Power Probe 9600	**Northing:** NA **Easting:** NA **Casing Elevation:** NA **Borehole Depth:** 8' below grade **Surface Elevation:** NA **Descriptions By:** Tamara M. Hauptfleisch	**Boring ID:** SB-2 **Client:** Central Hudson Gas & Electric **Location:** Little Britain Road New Windsor, New York

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Geologic Column	Stratigraphic Description	Boring Construction
0 0	1	0-4	2.8	18.6			Brown SILT, SAND, and GRAVEL, saturated. Grayish-brown CLAYEY SILT, trace black Organics, strong odor, moist. Orangish-brown SILT with gray mottles, trace orange mottles, trace fine to coarse Sand and fine Gravel, stiff, moist.	Borehole backfilled with cuttings and Bentonite chips.
-5 5	2	4-8	3.5	2.4			As above, strong odor. As above, soft, strong odor. As above, very soft, strong odor.	
10 10								
15 15								

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

Remarks:

Date Start/Finish: 11/29/00-11/29/00
Drilling Company: BBL
Driller's Name: Alex Marconi
Drilling Method: Geoprobe
Rig Type: AMS Power Probe 9600

Northing: NA
Easting: NA
Casing Elevation: NA

Borehole Depth: 12' below grade
Surface Elevation: NA

Descriptions By: Tamara M. Hauptfleisch

Boring ID: SB-3

Client: Central Hudson Gas & Electric

Location: Little Britain Road
New Windsor, New York

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Geologic Column	Stratigraphic Description	Boring Construction
0 0								
	1	0-4	2.7	132			Brown SILT with orange mottles, some fine Sand, trace medium to coarse Sand, fine Gravel, and Organics, dry.	
							Grayish-brown SILT with orange mottles, trace Organics and fine to coarse Sand, stiff, slight odor, dry to moist.	Borehole backfilled with cuttings and Bentonite chips.
-5 5	2	4-8	4.0	104			As above, trace fine Gravel, strong odor.	
10 10	3	8-12	4.0	143			Orangish brown SILT, some fine to medium Sand, trace coarse Sand, and fine to medium Gravel, stiff, moist.	
15 15								

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Remarks: Lost liner from 12'-16' and had to pull rods.

Date Start/Finish: 11/29/00-11/29/00
Drilling Company: BBL
Driller's Name: Alex Marconi
Drilling Method: Geoprobe
Rig Type: AMS Power Probe 9600

Northing: NA
Easting: NA
Casing Elevation: NA

Borehole Depth: 9.5' below grade
Surface Elevation: NA

Descriptions By: Tamara M. Hauptfleisch

Boring ID: SB-4

Client: Central Hudson Gas & Electric

Location: Little Britain Road
New Windsor, New York

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Geologic Column	Stratigraphic Description	Boring Construction
0 0	1	0-4	4.0	177*			Dark gray and brown SILT, some fine to coarse Sand and fine Gravel, very stiff, tight, strong odor, dry.	
							As above, orangish brown and gray, tight, wet.	Borehole backfilled with cuttings and Bentonite chips.
5 5	2	4-8	2.5	1.3			Grayish-brown SILT with orange mottles, trace fine to coarse Sand and fine Gravel, very tight, strong odor, moist.	
							As above, orangish-brown, very tight, dry to moist.	
	3	8-9.5	1.0	1.0			ROCK fragments, dry.	
10 10								
15 15								

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Remarks: *This PID reading was obtained at 2.5' bgs, the remainder of this interval had a reading from 20 - 30 ppm.

Date Start/Finish: 11/30/00-11/30/00
Drilling Company: BBL
Driller's Name: Alex Marconi
Drilling Method: Geoprobe
Rig Type: AMS Power Probe 9600

Northing: NA
Easting: NA
Casing Elevation: NA

Borehole Depth: 4' below grade
Surface Elevation: NA

Descriptions By: Tamara M. Hauptfleisch

Boring ID: SB-5

Client: Central Hudson Gas & Electric

Location: Little Britain Road
New Windsor, New York

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Geologic Column	Stratigraphic Description	Boring Construction
0 0								
	1	0-4	3.2	35.2			Brown fine to coarse GRAVEL and fine to coarse SAND, dry.	
							Dark gray grading to brownish-gray SILT, trace fine to coarse Sand and fine to medium Gravel, stiff, slight odor, moist.	Borehole backfilled with cuttings and Bentonite chips.
-5 5								
10 10								
15 15								

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Remarks:

Date Start/Finish: 11/30/00-11/30/00
Drilling Company: BBL
Driller's Name: Alex Marconi
Drilling Method: Geoprobe
Rig Type: AMS Power Probe 9600

Northing: NA
Easting: NA
Casing Elevation: NA

Borehole Depth: 4' below grade
Surface Elevation: NA

Descriptions By: Tamara M. Hauptfleisch

Boring ID: SB-6

Client: Central Hudson Gas & Electric

Location: Little Britain Road
New Windsor, New York

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Geologic Column	Stratigraphic Description	Boring Construction
0 0	1	0-4	3.0	59.8			Dark brown fine to coarse SAND, dry. ROCK fragments. Gray grading to light gray SILT, little fine to coarse Sand and fine Gravel, slight odor, moist.	Borehole backfilled with cuttings and Bentonite chips.
-5 5								
-10 10								
-15 15								

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Remarks:

Project: 205.29.003
Data File:SB-6.dat
Template: j:\rockware\logplot2001\logfiles\20529\geoprobe.ldf
Date: 12/12/00

Date Start/Finish: 11/30/00-11/30/00
Drilling Company: BBL
Driller's Name: Alex Marconi
Drilling Method: Geoprobe
Rig Type: AMS Power Probe 9600

Northing: NA
Easting: NA
Casing Elevation: NA

Borehole Depth: 7' below grade
Surface Elevation: NA

Descriptions By: Tamara M. Hauptfleisch

Boring ID: SB-7

Client: Central Hudson Gas & Electric

Location: Little Britain Road
New Windsor, New York

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Geologic Column	Stratigraphic Description	Boring Construction
0 0	1	0-4	2.3	15.4			Dark gray fine to coarse GRAVEL and fine to coarse SAND, some Silt, dry to moist.	
							Dark gray to brown SILT, little fine to coarse Sand and fine to medium Gravel, moist.	Borehole backfilled with cuttings and Bentonite chips.
5 5	2	4-7	1.5	0.0			Dark gray grading to tan SILT, trace fine to medium Sand grading to Silt with little fine to coarse Sand and fine Gravel, stiffer with depth, moist.	
10 10								
15 15								

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Remarks: Borehole adjacent to SB-6.

Date Start/Finish: 11/29/00-11/29/00 **Drilling Company:** BBL **Driller's Name:** Alex Marconi **Drilling Method:** Geoprobe **Rig Type:** AMS Power Probe 9600	**Northing:** NA **Easting:** NA **Casing Elevation:** NA **Borehole Depth:** 11' below grade **Surface Elevation:** NA **Descriptions By:** Tamara M. Hauptfleisch	**Boring ID:** VER-1 **Client:** Central Hudson Gas & Electric **Location:** Little Britain Road New Windsor, New York

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Geologic Column	Stratigraphic Description	Boring Construction
0 0	1	0-4	2.6	0.0			Dark brown SILT with some Organics, moist. Tan SILTY CLAY with orange and black mottles, trace fine Gravel, stiff, moist.	Borehole backfilled with cuttings and Bentonite chips.
5 5	2	4-8	3.0	0.0	X		Tan fine SAND, some Silt and medium to coarse Sand, trace fine Gravel, soft, wet.	
10 10	3	8-11	2.5	0.0			Till-like material, trace mottles, tan fine Sand, some medium to coarse Sand, trace fine Gravel, stiff, saturated.	
15 15								

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Remarks: Interval from 4'-7' analyzed for TCL VOCs and percent solids.

Date Start/Finish: 11/29/00-11/29/00
Drilling Company: BBL
Driller's Name: Alex Marconi
Drilling Method: Geoprobe
Rig Type: AMS Power Probe 9600

Northing: NA
Easting: NA
Casing Elevation: NA

Borehole Depth: 7' below grade
Surface Elevation: NA

Descriptions By: Tamara M. Hauptfleisch

Boring ID: VER-2

Client: Central Hudson Gas & Electric

Location: Little Britain Road
New Windsor, New York

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Geologic Column	Stratigraphic Description	Boring Construction
0 0								
	1	0-4	2.5	1.4	X		Brown SILT, fine SAND, and FILL material, some Gravel pieces, dry.	
							Gray SILT, black Organics, some fine to coarse Sand, trace fine Gravel, very stiff, slight odor, moist.	
							As above, orangish-tan, very stiff, no odor, moist.	Borehole backfilled with cuttings and Bentonite chips.
5 5	2	4-7	1.9	0.0			Gray freshly broken DOLOSTONE/LIMESTONE, dry.	
10 10								
15 15								

BBL
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Remarks: Interval from 0'-2.5' analyzed for TCL VOCs and percent solids.

Date Start/Finish: 11/29/00-11/29/00
Drilling Company: BBL
Driller's Name: Alex Marconi
Drilling Method: Geoprobe
Rig Type: AMS Power Probe 9600

Northing: NA
Easting: NA
Casing Elevation: NA

Borehole Depth: 3.3' below grade
Surface Elevation: NA

Descriptions By: Tamara M. Hauptfleisch

Boring ID: VER-3

Client: Central Hudson Gas & Electric

Location: Little Britain Road
New Windsor, New York

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Geologic Column	Stratigraphic Description	Boring Construction
0 0	1	0-3.3	3.3	2.3	X		Dark brown fine SAND, some medium to coarse Sand and fine Gravel, trace Slag, dry.	Borehole backfilled with cuttings and Bentonite chips.
							As above, orangish-brown.	
							ROCK pieces.	
							Brownish-gray SILT, some Clay, trace fine to coarse Sand and fine Gravel, stiff, slight odor, moist.	
5 5								
10 10								
15 15								

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Remarks: Interval from 0'-3.3' analyzed for TCL VOCs and percent solids.

Date Start/Finish: 11/30/00-11/30/00 **Drilling Company:** BBL **Driller's Name:** Alex Marconi **Drilling Method:** Geoprobe **Rig Type:** AMs Power Probe 9600	**Northing:** NA **Easting:** NA **Casing Elevation:** NA **Borehole Depth:** 11' below grade **Surface Elevation:** NA **Descriptions By:** Tamara M. Hauptfleisch	**Boring ID:** VER-4 **Client:** Central Hudson Gas & Electric **Location:** Little Britain Road New Windsor, New York

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Geologic Column	Stratigraphic Description	Boring Construction
0 0								
	1	0-4	3.5	1.4			Dark gray and tan SAND and fine to coarse GRAVEL, Rock pieces, dry. Tannish-gray SILT, trace fine to coarse Sand and fine Gravel, very stiff, slight odor, moist.	Borehole backfilled with cuttings and Bentonite chips.
5 5	2	4-8	2.0	1.9	X		As above, grading to an orangish-brown, slight odor, moist.	
	3	8-11	1.85	0.5			Grayish-tan fine SAND, trace medium to coarse Sand and fine to medium Gravel, moist. ROCK fragments.	
10 10								
15 15								

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Remarks: Interval from 4'-8' analyzed for TCL VOCs and percent solids.

Date Start/Finish: 11/29/00-11/29/00
Drilling Company: BBL
Driller's Name: Alex Marconi
Drilling Method: Geoprobe
Rig Type: AMS Power Probe 9600

Northing: NA
Easting: NA
Casing Elevation: NA

Borehole Depth: 8.5' below grade
Surface Elevation: NA

Descriptions By: Tamara M. Hauptfleisch

Boring ID: VER-5

Client: Central Hudson Gas & Electric

Location: Little Britain Road
New Windsor, New York

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Geologic Column	Stratigraphic Description	Boring Construction
0 0							ASPHALT.	
	1	0-4	3.0	0.0			Tan CLAYEY SILT with orange mottles, trace fine to coarse Sand, grading from stiff to soft back to stiff, moist.	Borehole backfilled with cuttings and Bentonite chips.
5 5	2	4-8	3.2	0.0	X		Tan fine SAND and SILT with orange mottles, trace medium to coarse Sand and fine Gravel, moist.	
							ROCK fragments.	
							Brown with orange mottling very fine SAND and SILT, moist.	
	3	8-8.5	0.5	0.0			Tan very fine SAND with orange mottles and trace black mottles, trace coase Sand, very stiff, dry.	
10 10								
15 15								

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Remarks: Interval from 4'-7.2' analyzed for TCL VOCs and percent solids.

Date Start/Finish: 11/29/00-11/29/00
Drilling Company: BBL
Driller's Name: Alex Marconi
Drilling Method: Geoprobe
Rig Type: AMS Power Probe 9600

Northing: NA
Easting: NA
Casing Elevation: NA

Borehole Depth: 7.3' below grade
Surface Elevation: NA

Descriptions By: Tamara M. Hauptfleisch

Boring ID: VER-6

Client: Central Hudson Gas & Electric

Location: Little Britain Road
New Windsor, New York

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Geologic Column	Stratigraphic Description	Boring Construction
0 0								
	1	0-4	2.5	0.0			Brown SILT, some Organics, trace fine to coarse Sand and fine Gravel, wet.	
							Brown SILT, some Clay, trace Organics, moist.	
							Grayish-tan SILT, trace fine to coarse Sand and fine Gravel, very stiff, dry.	Borehole backfilled with cuttings and Bentonite chips.
5 5	2	4-7.3	3.3	0.0	X		Grayish-tan SILT with orange mottles, trace coarse Sand and fine Gravel, dry to moist.	
10 10								
15 15								

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Remarks: Interval from 4'-7.3' analyzed for TCL VOCs and percent solids.

Date Start/Finish: 11/29/00-11/29/00
Drilling Company: BBL
Driller's Name: Alex Marconi
Drilling Method: Geoprobe
Rig Type: AMS Power Probe 9600

Northing: NA
Easting: NA
Casing Elevation: NA

Borehole Depth: 4' below grade
Surface Elevation: NA

Descriptions By: Tamara M. Hauptfleisch

Boring ID: VER-7

Client: Central Hudson Gas & Electric

Location: Little Britain Road
New Windsor, New York

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Geologic Column	Stratigraphic Description	Boring Construction
0 0	1	0-4	2.3	0.0	X		Brown SILT, trace Organics, moist. Brown SILT with slight orange tint, trace fine to medium Sand, some very fine Sand, soft, moist. Brown SILT, some very fine Sand, trace fine to coarse Sand, stiff, moist.	Borehole backfilled with cuttings and Bentonite chips.
5 5								
10 10								
15 15								

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Remarks: Interval from 0'-4' analyzed for TCL VOCs and percent solids. Collected duplicate sample DUP-1 at this location.

Date Start/Finish: 11/29/00-11/29/00
Drilling Company: BBL
Driller's Name: Alex Marconi
Drilling Method: Geoprobe
Rig Type: AMS Power Probe 9600

Northing: NA
Easting: NA
Casing Elevation: NA

Borehole Depth: 9' below grade
Surface Elevation: NA

Descriptions By: Tamara M. Hauptfleisch

Boring ID: VER-8

Client: Central Hudson Gas & Electric

Location: Little Britain Road
New Windsor, New York

DEPTH ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Geologic Column	Stratigraphic Description	Boring Construction
0 0								
							Brown fine to coarse SAND and SILT, some fine Gravel, wet.	
	1	0-4	2.2	2.1			Grayish-brown SILT with brown to orange colored mottling, trace Organics, fine to coarse Sand, and fine Gravel, very stiff, moist.	Borehole backfilled with cuttings and Bentonite chips.
-5 5							As above, some fine Sand, no Organics, very soft, strong odor, saturated.	
	2	4-8	4.0	17.7	X			
							As above, some fine Gravel, sheen.	
	3	8-9	0.95	6.5			Orangish-brown very fine SAND, trace fine to coarse Sand and Fine Gravel, rock chips at very tip, stiff, moist.	
10 10								
15 15								

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Remarks: Interval from 4'-8' analyzed for TCL VOCs and percent solids.

Date Start/Finish: 11/29/00-11/29/00
Drilling Company: BBL
Driller's Name: Alex Marconi
Drilling Method: Geoprobe
Rig Type: AMS Power Probe 9600

Northing: NA
Easting: NA
Casing Elevation: NA

Borehole Depth: 14' below grade
Surface Elevation: NA

Descriptions By: Tamara M. Hauptfleisch

Boring ID: VER-9

Client: Central Hudson Gas & Electric

Location: Little Britain Road
New Windsor, New York

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Geologic Column	Stratigraphic Description	Boring Construction
0 0	1	0-4	3.0	0.0			Brown SILT and fine SAND, some medium to coarse Sand, trace Organics and Gravel, dry. Orangish-brown to brownish-gray SILT with orange mottles, some fine Sand, trace CLAY, medium to coarse Sand, and fine Gravel, moist.	Borehole backfilled with cuttings and Bentonite chips.
5 5	2	4-8	1.9	0.0	X			
10 10	3	8-12	1.9	0.0			As above, brown coloration, wet to saturated.	
	4	12-14	0.0	NA			No Recovery.	
15 15								

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Remarks: Interval from 4'-8' analyzed for TCL VOCs and percent solids. NA = Not Available

Date Start/Finish: 11/29/00-11/29/00 **Drilling Company:** BBL **Driller's Name:** Alex Marconi **Drilling Method:** Geoprobe **Rig Type:** AMS Power Probe 9600	**Northing:** NA **Easting:** NA **Casing Elevation:** NA **Borehole Depth:** 12.5' below grade **Surface Elevation:** NA **Descriptions By:** Tamara M. Hauptfleisch	**Boring ID:** VER-10 **Client:** Central Hudson Gas & Electric **Location:** Little Britain Road New Windsor, New York

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Geologic Column	Stratigraphic Description	Boring Construction
0 0	1	0-4	2.6	0.0			Brown SILT, trace fine to coarse Sand, fine Gravel, and Organics, soft, wet. Grayish-brown SILT, some fine to coarse Sand, trace fine Gravel, stiff, dry to moist.	Borehole backfilled with cuttings and Bentonite chips.
5 5	2	4-8	3.2	1.8	X		As above, very soft, saturated @ 5' bgs. As above, soft.	
10 10	3	8-12	4.0	0.0			As above, stiff. TILL, very stiff, tight, dry.	
	4	12-12.5	0.5	0.0			As above, very tight, stiff, and dry.	
15 15								

BBL
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Remarks: Interval from 4'-5' analyzed for VOCs and percent solids.

Date Start/Finish: 11/30/00-11/30/00
Drilling Company: BBL
Driller's Name: Alex Marconi
Drilling Method: Geoprobe
Rig Type: AMS Power Probe 9600

Northing: NA
Easting: NA
Casing Elevation: NA

Borehole Depth: 11' below grade
Surface Elevation: NA

Descriptions By: Tamara M. Hauptfleisch

Boring ID: VER-11

Client: Central Hudson Gas & Electric

Location: Little Britain Road
New Windsor, New York

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Geologic Column	Stratigraphic Description	Boring Construction
0 0								
							ROCK pieces.	
							Dark brown fine to coarse SAND and fine GRAVEL, trace Silt, Brick fragments, crumbly.	
							Tannish-gray SILT, trace fine Sand, stiff, slight odor, moist.	
	1	0-4	4.0.	16.4	X			Borehole backfilled with cuttings and Bentonite chipss.
5 5							As above, grading to orangish-tan stiff SILT, trace fine to coarse Sand and fine Gravel, dry to moist.	
	2	4-8	3.0	0.0				
							Gray ROCK fragments with tannish-gray fine SAND, moist.	
10 10	3	8-11	1.8	0.0				
15 15								

BBL
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Remarks: Interval from 0'-4' analyzed for TCL VOCs and percent solids.

Date Start/Finish: 11/30/00-11/30/00 **Drilling Company:** BBL **Driller's Name:** Alex Marconi **Drilling Method:** Geoprobe **Rig Type:** AMS Power Probe 9600	**Northing:** NA **Easting:** NA **Casing Elevation:** NA **Borehole Depth:** 11' below grade **Surface Elevation:** NA **Descriptions By:** Tamara M. Hauptfleisch	**Boring ID:** VER-12 **Client:** Central Hudson Gas & Electric **Location:** Little Britain Road New Windsor, New York

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Geologic Column	Stratigraphic Description	Boring Construction
0 0								
	1	0-4	3.8	0.0			Dark gray to gray ROCK fragments. Gray SILT, fine to coarse Sand and fine Gravel, very stiff, dry. Dark gray to gray ROCK fragments. Gray grading to tannish-gray SILT with orange mottles, trace fine to medium Sand and fine Gravel, moist.	Borehole backfilled with cuttings and Bentonite chips.
5 5	2	4-8	1.5	0.4	X		As above with larger rock fragments at 5.2'-5.3' and at very tip, dry to moist.	
	3	8-11	0.0	NA			No Recovery.	
10 10								
15 15								

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Remarks: Interval from 4'-8' analyzed for TCL VOCs and percent solids. NA = Not Available

Attachment 2

Laboratory Data Sheets

Attachment 2-1 **Disposal Characterization Soil Samples**
Attachment 2-2 **Perimeter Verification Soil Samples**
Attachment 2-3 **Pre-Remediation Groundwater Samples**
Attachment 2-4 **Post-Excavation Verification Soil Samples**
Attachment 2-5 **Air Samples**
Attachment 2-6 **Initial Post-Remediation Groundwater Samples**

Attachment 2-1

Disposal Characterization Soil Samples

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCLP
Reported: 12/12/00

Blasland, Bouck & Lee, Inc.
Project Reference: CHGE LITTLE BRITAIN ROAD
Client Sample ID : CHAR-1 (0-4)

Date Sampled : 11/30/00 09:15 **Order #:** 428052 **Sample Matrix:** SOIL/SEDIME
Date Received: 12/01/00 **Submission #:** R2004935 **Analytical Run:** 58690

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 12/06/00			
ANALYTICAL DILUTION: 10.0			
BENZENE	5.0	50 U	UG/L
2-BUTANONE (MEK)	10	100 U	UG/L
CARBON TETRACHLORIDE	5.0	50 U	UG/L
CHLOROBENZENE	5.0	50 U	UG/L
CHLOROFORM	5.0	50 U	UG/L
1,2-DICHLOROETHANE	5.0	50 U	UG/L
1,1-DICHLOROETHENE	5.0	50 U	UG/L
TETRACHLOROETHENE	5.0	50 U	UG/L
TRICHLOROETHENE	5.0	50 U	UG/L
VINYL CHLORIDE	5.0	50 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
BROMOFLUOROBENZENE	(86 - 115)	97	%
TOLUENE-D8	(88 - 110)	98	%
DIBROMOFLUOROMETHANE	(86 - 118)	93	%

Data Report Following TCLP Toxicity Charecteristic Leaching Procedure.
Federal Register, part 261, Vol. 55, No. 126, June 29, 1990.

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCLP
Reported: 12/12/00

Blasland, Bouck & Lee, Inc.
Project Reference: CHGE LITTLE BRITAIN ROAD
Client Sample ID : CHAR-2 (8-9.1)

Date Sampled : 11/29/00 11:10 **Order #:** 428050 **Sample Matrix:** SOIL/SEDIME
Date Received: 12/01/00 **Submission #:** R2004935 **Analytical Run:** 58690

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 12/06/00			
ANALYTICAL DILUTION: 10.0			
BENZENE	5.0	50 U	UG/L
2-BUTANONE (MEK)	10	100 U	UG/L
CARBON TETRACHLORIDE	5.0	50 U	UG/L
CHLOROBENZENE	5.0	50 U	UG/L
CHLOROFORM	5.0	50 U	UG/L
1,2-DICHLOROETHANE	5.0	50 U	UG/L
1,1-DICHLOROETHENE	5.0	50 U	UG/L
TETRACHLOROETHENE	5.0	50 U	UG/L
TRICHLOROETHENE	5.0	11000 E	UG/L
VINYL CHLORIDE	5.0	130	UG/L

SURROGATE RECOVERIES	QC LIMITS		
BROMOFLUOROBENZENE	(86 - 115)	97	%
TOLUENE-D8	(88 - 110)	99	%
DIBROMOFLUOROMETHANE	(86 - 118)	99	%

Data Report Following TCLP Toxicity Charecteristic Leaching Procedure.
Federal Register, part 261, Vol. 55, No. 126, June 29, 1990.

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCLP
Reported: 12/12/00

Blasland, Bouck & Lee, Inc.
Project Reference: CHGE LITTLE BRITAIN ROAD
Client Sample ID : CHAR-2 (8-9.1)

Date Sampled : 11/29/00 11:10 **Order #:** 428050 **Sample Matrix:** SOIL/SEDIME
Date Received: 12/01/00 **Submission #:** R2004935 **Analytical Run:** 58690

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 12/06/00			
ANALYTICAL DILUTION: 100.0			
BENZENE	5.0	500 U	UG/L
2-BUTANONE (MEK)	10	1000 U	UG/L
CARBON TETRACHLORIDE	5.0	500 U	UG/L
CHLOROBENZENE	5.0	500 U	UG/L
CHLOROFORM	5.0	500 U	UG/L
1,2-DICHLOROETHANE	5.0	500 U	UG/L
1,1-DICHLOROETHENE	5.0	500 U	UG/L
TETRACHLOROETHENE	5.0	500 U	UG/L
TRICHLOROETHENE	5.0	15000	UG/L
VINYL CHLORIDE	5.0	500 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
BROMOFLUOROBENZENE	(86 - 115)	99	%
TOLUENE-D8	(88 - 110)	97	%
DIBROMOFLUOROMETHANE	(86 - 118)	90	%

Data Report Following TCLP Toxicity Charecteristic Leaching Procedure.
Federal Register, part 261, Vol. 55, No. 126, June 29, 1990.

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCLP
Reported: 12/12/00

Blasland, Bouck & Lee, Inc.
Project Reference: CHGE LITTLE BRITAIN ROAD
Client Sample ID : CHAR-3 (4-8)

Date Sampled : 11/30/00 11:10 **Order #:** 428043 **Sample Matrix:** SOIL/SEDIME
Date Received: 12/01/00 **Submission #:** R2004935 **Analytical Run:** 58690

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 12/06/00			
ANALYTICAL DILUTION: 10.0			
BENZENE	5.0	50 U	UG/L
2-BUTANONE (MEK)	10	100 U	UG/L
CARBON TETRACHLORIDE	5.0	50 U	UG/L
CHLOROBENZENE	5.0	50 U	UG/L
CHLOROFORM	5.0	50 U	UG/L
1,2-DICHLOROETHANE	5.0	50 U	UG/L
1,1-DICHLOROETHENE	5.0	50 U	UG/L
TETRACHLOROETHENE	5.0	50 U	UG/L
TRICHLOROETHENE	5.0	4000 E	UG/L
VINYL CHLORIDE	5.0	50 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
BROMOFLUOROBENZENE	(86 - 115)	94	%
TOLUENE-D8	(88 - 110)	95	%
DIBROMOFLUOROMETHANE	(86 - 118)	92	%

Data Report Following TCLP Toxicity Charecteristic Leaching Procedure.
Federal Register, part 261, Vol. 55, No. 126, June 29, 1990.

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCLP
Reported: 12/12/00

Blasland, Bouck & Lee, Inc.
Project Reference: CHGE LITTLE BRITAIN ROAD
Client Sample ID : CHAR-3 (4-8)

Date Sampled : 11/30/00 11:10 **Order #:** 428043 **Sample Matrix:** SOIL/SEDIME
Date Received: 12/01/00 **Submission #:** R2004935 **Analytical Run:** 58690

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 12/06/00			
ANALYTICAL DILUTION: 25.0			
BENZENE	5.0	130 U	UG/L
2-BUTANONE (MEK)	10	250 U	UG/L
CARBON TETRACHLORIDE	5.0	130 U	UG/L
CHLOROBENZENE	5.0	130 U	UG/L
CHLOROFORM	5.0	130 U	UG/L
1,2-DICHLOROETHANE	5.0	130 U	UG/L
1,1-DICHLOROETHENE	5.0	130 U	UG/L
TETRACHLOROETHENE	5.0	130 U	UG/L
TRICHLOROETHENE	5.0	4200	UG/L
VINYL CHLORIDE	5.0	130 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
BROMOFLUOROBENZENE	(86 - 115)	96	%
TOLUENE-D8	(88 - 110)	95	%
DIBROMOFLUOROMETHANE	(86 - 118)	87	%

Data Report Following TCLP Toxicity Charecteristic Leaching Procedure.
Federal Register, part 261, Vol. 55, No. 126, June 29, 1990.

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCLP
Reported: 12/12/00

Blasland, Bouck & Lee, Inc.
Project Reference: CHGE LITTLE BRITAIN ROAD
Client Sample ID : CHAR-4 (0.5-4)

Date Sampled : 11/30/00 10:20 **Order #:** 428041 **Sample Matrix:** SOIL/SEDIME
Date Received: 12/01/00 **Submission #:** R2004935 **Analytical Run:** 58690

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 12/06/00			
ANALYTICAL DILUTION: 10.0			
BENZENE	5.0	50 U	UG/L
2-BUTANONE (MEK)	10	100 U	UG/L
CARBON TETRACHLORIDE	5.0	50 U	UG/L
CHLOROBENZENE	5.0	50 U	UG/L
CHLOROFORM	5.0	50 U	UG/L
1,2-DICHLOROETHANE	5.0	50 U	UG/L
1,1-DICHLOROETHENE	5.0	50 U	UG/L
TETRACHLOROETHENE	5.0	50 U	UG/L
TRICHLOROETHENE	5.0	50 U	UG/L
VINYL CHLORIDE	5.0	50 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
BROMOFLUOROBENZENE	(86 - 115)	94	%
TOLUENE-D8	(88 - 110)	95	%
DIBROMOFLUOROMETHANE	(86 - 118)	90	%

Data Report Following TCLP Toxicity Charecteristic Leaching Procedure.
Federal Register, part 261, Vol. 55, No. 126, June 29, 1990.

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCLP
Reported: 12/12/00

Blasland, Bouck & Lee, Inc.
Project Reference: CHGE LITTLE BRITAIN ROAD
Client Sample ID : CHAR-5 (4-7.7)

Date Sampled : 11/30/00 12:00 **Order #:** 428045 **Sample Matrix:** SOIL/SEDIME
Date Received: 12/01/00 **Submission #:** R2004935 **Analytical Run:** 58690

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 12/06/00			
ANALYTICAL DILUTION: 10.0			
BENZENE	5.0	50 U	UG/L
2-BUTANONE (MEK)	10	100 U	UG/L
CARBON TETRACHLORIDE	5.0	50 U	UG/L
CHLOROBENZENE	5.0	50 U	UG/L
CHLOROFORM	5.0	50 U	UG/L
1,2-DICHLOROETHANE	5.0	50 U	UG/L
1,1-DICHLOROETHENE	5.0	50 U	UG/L
TETRACHLOROETHENE	5.0	50 U	UG/L
TRICHLOROETHENE	5.0	50 U	UG/L
VINYL CHLORIDE	5.0	50 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
BROMOFLUOROBENZENE	(86 - 115)	97	%
TOLUENE-D8	(88 - 110)	97	%
DIBROMOFLUOROMETHANE	(86 - 118)	90	%

Data Report Following TCLP Toxicity Charecteristic Leaching Procedure.
Federal Register, part 261, Vol. 55, No. 126, June 29, 1990.

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCLP
Reported: 12/12/00

Blasland, Bouck & Lee, Inc.
Project Reference: CHGE LITTLE BRITAIN ROAD
Client Sample ID : CHAR-6 (0-3)

Date Sampled : 11/30/00 12:15 **Order #:** 428049 **Sample Matrix:** SOIL/SEDIME
Date Received: 12/01/00 **Submission #:** R2004935 **Analytical Run:** 58690

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 12/06/00			
ANALYTICAL DILUTION: 10.0			
BENZENE	5.0	50 U	UG/L
2-BUTANONE (MEK)	10	100 U	UG/L
CARBON TETRACHLORIDE	5.0	50 U	UG/L
CHLOROBENZENE	5.0	50 U	UG/L
CHLOROFORM	5.0	50 U	UG/L
1,2-DICHLOROETHANE	5.0	50 U	UG/L
1,1-DICHLOROETHENE	5.0	50 U	UG/L
TETRACHLOROETHENE	5.0	50 U	UG/L
TRICHLOROETHENE	5.0	50 U	UG/L
VINYL CHLORIDE	5.0	380	UG/L

SURROGATE RECOVERIES	QC LIMITS		
BROMOFLUOROBENZENE	(86 - 115)	94	%
TOLUENE-D8	(88 - 110)	96	%
DIBROMOFLUOROMETHANE	(86 - 118)	94	%

Data Report Following TCLP Toxicity Charecteristic Leaching Procedure.
Federal Register, part 261, Vol. 55, No. 126, June 29, 1990.

COLUMBIA ANALYTICAL SERVICES

Reported: 12/08/00

Blasland, Bouck & Lee, Inc.
Project Reference:CHGE LITTLE BRITAIN ROAD
Client Sample ID :CHAR-1 (0-8)

Date Sampled : 11/30/00
Date Received: 12/01/00

Order #: 428053
Submission #: R2004935

Sample Matrix: SOIL/SEDIMENT

ANALYTE	PQL	RESULT	DRY WEIGHT UNITS	DATE ANALYZED	ANALYTICAL DILUTION
WET CHEMISTRY					
CYANIDE REACTIVITY	0.333	0.397 U	MG/KG	12/08/00	1.00
FLASH POINT		> 100	°C	12/07/00	NA
PERCENT SOLIDS	1.0	83.9	%	12/05/00	1.00
PH		6.74		12/05/00	NA
SULFIDE REACTIVITY	10.0	11.9 U	MG/KG	12/05/00	1.00

COLUMBIA ANALYTICAL SERVICES

Reported: 12/08/00

Blasland, Bouck & Lee, Inc.
Project Reference:CHGE LITTLE BRITAIN ROAD
Client Sample ID :CHAR-2 (4-14)

Date Sampled : 11/29/00 **Order #:** 428051 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 12/01/00 **Submission #:** R2004935

ANALYTE	PQL	RESULT	DRY WEIGHT UNITS	DATE ANALYZED	ANALYTICAL DILUTION
WET CHEMISTRY					
CYANIDE REACTIVITY	0.333	0.434 U	MG/KG	12/08/00	1.00
FLASH POINT		> 100	°C	12/07/00	NA
PERCENT SOLIDS	1.0	76.7	%	12/05/00	1.00
PH		6.85		12/05/00	NA
SULFIDE REACTIVITY	10.0	70.4	MG/KG	12/05/00	1.00

COLUMBIA ANALYTICAL SERVICES

Reported: 12/08/00

Blasland, Bouck & Lee, Inc.
Project Reference:CHGE LITTLE BRITAIN ROAD
Client Sample ID :CHAR-3 (0-11.8)

Date Sampled : 11/30/00 Order #: 428044 Sample Matrix: SOIL/SEDIMENT
Date Received: 12/01/00 Submission #: R2004935

ANALYTE	PQL	RESULT	DRY WEIGHT UNITS	DATE ANALYZED	ANALYTICAL DILUTION
WET CHEMISTRY					
CYANIDE REACTIVITY	0.333	0.381 U	MG/KG	12/08/00	1.00
FLASH POINT		> 100	°C	12/05/00	NA
PERCENT SOLIDS	1.0	87.3	%	12/05/00	1.00
PH		7.13		12/05/00	NA
SULFIDE REACTIVITY	10.0	11.5 U	MG/KG	12/05/00	1.00

COLUMBIA ANALYTICAL SERVICES

Reported: 12/08/00

Blasland, Bouck & Lee, Inc.
Project Reference: CHGE LITTLE BRITAIN ROAD
Client Sample ID : CHAR-4 (0.5-6)

Date Sampled : 11/30/00 **Order #:** 428042 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 12/01/00 **Submission #:** R2004935

ANALYTE	PQL	RESULT	DRY WEIGHT UNITS	DATE ANALYZED	ANALYTICAL DILUTION
WET CHEMISTRY					
CYANIDE REACTIVITY	0.333	0.402 U	MG/KG	12/08/00	1.00
FLASH POINT		> 100	°C	12/05/00	NA
PERCENT SOLIDS	1.0	82.9	%	12/05/00	1.00
PH		6.65		12/05/00	NA
SULFIDE REACTIVITY	10.0	12.1 U	MG/KG	12/05/00	1.00

COLUMBIA ANALYTICAL SERVICES

Reported: 12/08/00

Blasland, Bouck & Lee, Inc.
Project Reference:CHGE LITTLE BRITAIN ROAD
Client Sample ID :CHAR-5 (0-7.7)

Date Sampled : 11/30/00 Order #: 428047 Sample Matrix: SOIL/SEDIMENT
Date Received: 12/01/00 Submission #: R2004935

ANALYTE	PQL	RESULT	DRY WEIGHT UNITS	DATE ANALYZED	ANALYTICAL DILUTION
WET CHEMISTRY					
CYANIDE REACTIVITY	0.333	0.392 U	MG/KG	12/08/00	1.00
FLASH POINT		> 100	°C	12/05/00	NA
PERCENT SOLIDS	1.0	85.0	%	12/05/00	1.00
PH		6.92		12/05/00	NA
SULFIDE REACTIVITY	10.0	11.8 U	MG/KG	12/05/00	1.00

COLUMBIA ANALYTICAL SERVICES

Reported: 12/08/00

Blasland, Bouck & Lee, Inc.
Project Reference:CHGE LITTLE BRITAIN ROAD
Client Sample ID :CHAR-6 (0-3)

Date Sampled : 11/30/00 Order #: 428048 Sample Matrix: SOIL/SEDIMENT
Date Received: 12/01/00 Submission #: R2004935

ANALYTE	PQL	RESULT	DRY WEIGHT UNITS	DATE ANALYZED	ANALYTICAL DILUTION
WET CHEMISTRY					
CYANIDE REACTIVITY	0.333	0.363 U	MG/KG	12/08/00	1.00
FLASH POINT		> 100	°C	12/07/00	NA
PERCENT SOLIDS	1.0	91.7	%	12/05/00	1.00
PH		6.88		12/05/00	NA
SULFIDE REACTIVITY	10.0	10.9 U	MG/KG	12/05/00	1.00

12 COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8270C TCLP
Reported: 12/08/00

Blasland, Bouck & Lee, Inc.
Project Reference: CHGE LITTLE BRITAIN ROAD
Client Sample ID : CHAR-1 (0-4)

Date Sampled : 11/30/00 09:15 **Order #:** 428052 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 12/01/00 **Submission #:** R2004935 **Analytical Run** 58512

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 12/05/00			
DATE ANALYZED : 12/06/00			
ANALYTICAL DILUTION: 10.00			
1,4-DICHLOROBENZENE	10	100 U	UG/L
2,4-DINITROTOLUENE	10	100 U	UG/L
HEXACHLOROBENZENE	10	100 U	UG/L
HEXACHLOROBUTADIENE	10	100 U	UG/L
HEXACHLOROETHANE	10	100 U	UG/L
2-METHYLPHENOL	10	100 U	UG/L
3+4-METHYLPHENOL	10	100 U	UG/L
NITROBENZENE	10	100 U	UG/L
PENTACHLOROPHENOL	50	500 U	UG/L
PYRIDINE	50	500 U	UG/L
2,4,6-TRICHLOROPHENOL	10	100 U	UG/L
,4,5-TRICHLOROPHENOL	10	100 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
TERPHENYL-D14	(33 - 141 %)	48	%
NITROBENZENE-D5	(35 - 114 %)	74	%
PHENOL-D6	(10 - 94 %)	30	%
2-FLUOROBIPHENYL	(43 - 116 %)	59	%
2-FLUOROPHENOL	(21 - 110 %)	44	%
2,4,6-TRIBROMOPHENOL	(10 - 123 %)	68	%

Data Reported following TCLP Toxicity Characteristics Leaching Procedure.
Federal Register, Part 261, Vol. 55, NO 126, June 29, 1990.

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8270C TCLP
Reported: 12/08/00

Blasland, Bouck & Lee, Inc.
Project Reference: CHGE LITTLE BRITAIN ROAD
Client Sample ID : CHAR-2 (8-9.1)

Date Sampled : 11/29/00 11:10 **Order #:** 428050 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 12/01/00 **Submission #:** R2004935 **Analytical Run** 58512

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 12/07/00			
DATE ANALYZED : 12/07/00			
ANALYTICAL DILUTION: 10.00			
1,4-DICHLOROBENZENE	10	100 U	UG/L
2,4-DINITROTOLUENE	10	100 U	UG/L
HEXACHLOROBENZENE	10	100 U	UG/L
HEXACHLOROBUTADIENE	10	100 U	UG/L
HEXACHLOROETHANE	10	100 U	UG/L
2-METHYLPHENOL	10	100 U	UG/L
3+4-METHYLPHENOL	10	100 U	UG/L
NITROBENZENE	10	100 U	UG/L
PENTACHLOROPHENOL	50	500 U	UG/L
PYRIDINE	50	500 U	UG/L
2,4,6-TRICHLOROPHENOL	10	100 U	UG/L
2,4,5-TRICHLOROPHENOL	10	100 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
TERPHENYL-D14	(33 - 141 %)	43	%
NITROBENZENE-D5	(35 - 114 %)	72	%
PHENOL-D6	(10 - 94 %)	11	%
2-FLUOROBIPHENYL	(43 - 116 %)	67	%
2-FLUOROPHENOL	(21 - 110 %)	22	%
2,4,6-TRIBROMOPHENOL	(10 - 123 %)	56	%

Data Reported following TCLP Toxicity Characteristics Leaching Procedure.
Federal Register, Part 261, Vol. 55, NO 126, June 29, 1990.

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8270C TCLP
Reported: 12/08/00

Blasland, Bouck & Lee, Inc.
Project Reference: CHGE LITTLE BRITAIN ROAD
Client Sample ID : CHAR-3 (4-8)

Date Sampled : 11/30/00 11:10 **Order #:** 428043 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 12/01/00 **Submission #:** R2004935 **Analytical Run** 58512

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 12/05/00			
DATE ANALYZED : 12/06/00			
ANALYTICAL DILUTION: 10.00			
1,4-DICHLOROBENZENE	10	100 U	UG/L
2,4-DINITROTOLUENE	10	100 U	UG/L
HEXACHLOROBENZENE	10	100 U	UG/L
HEXACHLOROBUTADIENE	10	100 U	UG/L
HEXACHLOROETHANE	10	100 U	UG/L
2-METHYLPHENOL	10	100 U	UG/L
3+4-METHYLPHENOL	10	100 U	UG/L
NITROBENZENE	10	100 U	UG/L
PENTACHLOROPHENOL	50	500 U	UG/L
PYRIDINE	50	500 U	UG/L
?,4,6-TRICHLOROPHENOL	10	100 U	UG/L
,4,5-TRICHLOROPHENOL	10	100 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
TERPHENYL-D14	(33 - 141 %)	60	%
NITROBENZENE-D5	(35 - 114 %)	73	%
PHENOL-D6	(10 - 94 %)	34	%
2-FLUOROBIPHENYL	(43 - 116 %)	69	%
2-FLUOROPHENOL	(21 - 110 %)	47	%
2,4,6-TRIBROMOPHENOL	(10 - 123 %)	67	%

Data Reported following TCLP Toxicity Characteristics Leaching Procedure.
Federal Register, Part 261, Vol. 55, NO 126, June 29, 1990.

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8270C TCLP
Reported: 12/08/00

Blasland, Bouck & Lee, Inc.
Project Reference: CHGE LITTLE BRITAIN ROAD
Client Sample ID : CHAR-4 (0.5-4)

Date Sampled : 11/30/00 10:20 **Order #:** 428041 **Sample Matrix:** SOIL/SEDIMEN
Date Received: 12/01/00 **Submission #:** R2004935 **Analytical Run** 58512

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 12/05/00			
DATE ANALYZED : 12/06/00			
ANALYTICAL DILUTION: 10.00			
1,4-DICHLOROBENZENE	10	100 U	UG/L
2,4-DINITROTOLUENE	10	100 U	UG/L
HEXACHLOROBENZENE	10	100 U	UG/L
HEXACHLOROBUTADIENE	10	100 U	UG/L
HEXACHLOROETHANE	10	100 U	UG/L
2-METHYLPHENOL	10	100 U	UG/L
3+4-METHYLPHENOL	10	100 U	UG/L
NITROBENZENE	10	100 U	UG/L
PENTACHLOROPHENOL	50	500 U	UG/L
PYRIDINE	50	500 U	UG/L
2,4,6-TRICHLOROPHENOL	10	100 U	UG/L
2,4,5-TRICHLOROPHENOL	10	100 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
TERPHENYL-D14	(33 - 141 %)	82	%
NITROBENZENE-D5	(35 - 114 %)	79	%
PHENOL-D6	(10 - 94 %)	15	%
2-FLUOROBIPHENYL	(43 - 116 %)	74	%
2-FLUOROPHENOL	(21 - 110 %)	21	%
2,4,6-TRIBROMOPHENOL	(10 - 123 %)	64	%

Data Reported following TCLP Toxicity Characteristics Leaching Procedure. Federal Register, Part 261, Vol. 55, NO 126, June 29, 1990.

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8270C TCLP
Reported: 12/08/00

Blasland, Bouck & Lee, Inc.
Project Reference: CHGE LITTLE BRITAIN ROAD
Client Sample ID : CHAR-5 (4-7.7)

Date Sampled : 11/30/00 12:00 **Order #:** 428045 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 12/01/00 **Submission #:** R2004935 **Analytical Run** 58512

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 12/05/00			
DATE ANALYZED : 12/06/00			
ANALYTICAL DILUTION: 10.00			
1,4-DICHLOROBENZENE	10	100 U	UG/L
2,4-DINITROTOLUENE	10	100 U	UG/L
HEXACHLOROBENZENE	10	100 U	UG/L
HEXACHLOROBUTADIENE	10	100 U	UG/L
HEXACHLOROETHANE	10	100 U	UG/L
2-METHYLPHENOL	10	100 U	UG/L
3+4-METHYLPHENOL	10	100 U	UG/L
NITROBENZENE	10	100 U	UG/L
PENTACHLOROPHENOL	50	500 U	UG/L
PYRIDINE	50	500 U	UG/L
2,4,6-TRICHLOROPHENOL	10	100 U	UG/L
,4,5-TRICHLOROPHENOL	10	100 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
TERPHENYL-D14	(33 - 141 %)	86	%
NITROBENZENE-D5	(35 - 114 %)	76	%
PHENOL-D6	(10 - 94 %)	36	%
2-FLUOROBIPHENYL	(43 - 116 %)	70	%
2-FLUOROPHENOL	(21 - 110 %)	49	%
2,4,6-TRIBROMOPHENOL	(10 - 123 %)	82	%

Data Reported following TCLP Toxicity Characteristics Leaching Procedure.
Federal Register, Part 261, Vol. 55, NO 126, June 29, 1990.

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8270C TCLP
Reported: 12/08/00

Blasland, Bouck & Lee, Inc.
Project Reference: CHGE LITTLE BRITAIN ROAD
Client Sample ID : CHAR-6 (0-3)

Date Sampled : 11/30/00 12:15 **Order #:** 428049 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 12/01/00 **Submission #:** R2004935 **Analytical Run** 58512

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 12/05/00			
DATE ANALYZED : 12/06/00			
ANALYTICAL DILUTION: 10.00			
1,4-DICHLOROBENZENE	10	100 U	UG/L
2,4-DINITROTOLUENE	10	100 U	UG/L
HEXACHLOROBENZENE	10	100 U	UG/L
HEXACHLOROBUTADIENE	10	100 U	UG/L
HEXACHLOROETHANE	10	100 U	UG/L
2-METHYLPHENOL	10	100 U	UG/L
3+4-METHYLPHENOL	10	100 U	UG/L
NITROBENZENE	10	100 U	UG/L
PENTACHLOROPHENOL	50	500 U	UG/L
PYRIDINE	50	500 U	UG/L
2,4,6-TRICHLOROPHENOL	10	100 U	UG/L
,4,5-TRICHLOROPHENOL	10	100 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
TERPHENYL-D14	(33 - 141 %)	53	%
NITROBENZENE-D5	(35 - 114 %)	82	%
PHENOL-D6	(10 - 94 %)	26	%
2-FLUOROBIPHENYL	(43 - 116 %)	70	%
2-FLUOROPHENOL	(21 - 110 %)	38	%
2,4,6-TRIBROMOPHENOL	(10 - 123 %)	72	%

Data Reported following TCLP Toxicity Characteristics Leaching Procedure.
Federal Register, Part 261, Vol. 55, NO 126, June 29, 1990.

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8082 PCBS
Reported: 12/08/00

Blasland, Bouck & Lee, Inc.
Project Reference: CHGE LITTLE BRITAIN ROAD
Client Sample ID : CHAR-1 (0-8)

Date Sampled : 11/30/00 09:15 **Order #:** 428053 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 12/01/00 **Submission #:** R2004935 **Percent Solid:** 83.9

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 12/04/00			
DATE ANALYZED : 12/07/00			
ANALYTICAL DILUTION: 1.00			Dry Weight
PCB 1016	400	480 U	UG/KG
PCB 1221	400	480 U	UG/KG
PCB 1232	400	480 U	UG/KG
PCB 1242	400	480 U	UG/KG
PCB 1248	400	480 U	UG/KG
PCB 1254	400	480 U	UG/KG
PCB 1260	400	480 U	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
DECACHLOROBIPHENYL	(30 - 150 %)	101	%
TETRACHLORO-META-XYLENE	(30 - 150 %)	101	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8082 PCBS
Reported: 12/08/00

Blasland, Bouck & Lee, Inc.
Project Reference: CHGE LITTLE BRITAIN ROAD
Client Sample ID : CHAR-2 (4-14)

Date Sampled : 11/29/00 11:10 **Order #:** 428051 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 12/01/00 **Submission #:** R2004935 **Percent Solid:** 76.7

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 12/04/00			
DATE ANALYZED : 12/07/00			
ANALYTICAL DILUTION: 1.00	-		Dry Weight
PCB 1016	400	520 U	UG/KG
PCB 1221	400	520 U	UG/KG
PCB 1232	400	520 U	UG/KG
PCB 1242	400	520 U	UG/KG
PCB 1248	400	520 U	UG/KG
PCB 1254	400	520 U	UG/KG
PCB 1260	400	520 U	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
DECACHLOROBIPHENYL	(30 - 150 %)	99	%
TETRACHLORO-META-XYLENE	(30 - 150 %)	100	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8082 PCBS
Reported: 12/08/00

Blasland, Bouck & Lee, Inc.
Project Reference: CHGE LITTLE BRITAIN ROAD
Client Sample ID : CHAR-3 (0-11.8)

Date Sampled : 11/30/00 11:10 **Order #:** 428044 **Sample Matrix:** SOIL/SEDIMEN
Date Received: 12/01/00 **Submission #:** R2004935 **Percent Solid:** 87.3

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 12/04/00			
DATE ANALYZED : 12/07/00			
ANALYTICAL DILUTION: 1.00			Dry Weight
PCB 1016	400	460 U	UG/KG
PCB 1221	400	460 U	UG/KG
PCB 1232	400	460 U	UG/KG
PCB 1242	400	460 U	UG/KG
PCB 1248	400	460 U	UG/KG
PCB 1254	400	460 U	UG/KG
PCB 1260	400	460 U	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
DECACHLOROBIPHENYL	(30 - 150 %)	111	%
TETRACHLORO-META-XYLENE	(30 - 150 %)	116	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8082 PCBS
Reported: 12/08/00

Blasland, Bouck & Lee, Inc.
Project Reference: CHGE LITTLE BRITAIN ROAD
Client Sample ID : CHAR-4 (0.5-6)

Date Sampled : 11/30/00 10:20 **Order #:** 428042 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 12/01/00 **Submission #:** R2004935 **Percent Solid:** 82.9

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 12/04/00			
DATE ANALYZED : 12/07/00			
ANALYTICAL DILUTION: 1.00			Dry Weight
PCB 1016	400	480 U	UG/KG
PCB 1221	400	480 U	UG/KG
PCB 1232	400	480 U	UG/KG
PCB 1242	400	480 U	UG/KG
PCB 1248	400	480 U	UG/KG
PCB 1254	400	480 U	UG/KG
PCB 1260	400	480 U	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
DECACHLOROBIPHENYL	(30 - 150 %)	102	%
TETRACHLORO-META-XYLENE	(30 - 150 %)	108	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8082 PCBS
Reported: 12/08/00

Blasland, Bouck & Lee, Inc.
Project Reference: CHGE LITTLE BRITAIN ROAD
Client Sample ID : CHAR-5 (0-7.7)

Date Sampled : 11/30/00 12:00 **Order #:** 428047 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 12/01/00 **Submission #:** R2004935 **Percent Solid:** 85.0

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 12/04/00			
DATE ANALYZED : 12/07/00			
ANALYTICAL DILUTION: 1.00			Dry Weight
PCB 1016	400	470 U	UG/KG
PCB 1221	400	470 U	UG/KG
PCB 1232	400	470 U	UG/KG
PCB 1242	400	470 U	UG/KG
PCB 1248	400	470 U	UG/KG
PCB 1254	400	470 U	UG/KG
PCB 1260	400	470 U	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
DECACHLOROBIPHENYL	(30 - 150 %)	106	%
ETRACHLORO-META-XYLENE	(30 - 150 %)	108	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8082 PCBS
Reported: 12/08/00

Blasland, Bouck & Lee, Inc.
Project Reference: CHGE LITTLE BRITAIN ROAD
Client Sample ID : CHAR-6 (0-3)

Date Sampled : 11/30/00 12:15 **Order #:** 428048 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 12/01/00 **Submission #:** R2004935 **Percent Solid:** 91.7

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 12/04/00			
DATE ANALYZED : 12/07/00			
ANALYTICAL DILUTION: 2.00	-		Dry Weight
PCB 1016	400	870 U	UG/KG
PCB 1221	400	870 U	UG/KG
PCB 1232	400	870 U	UG/KG
PCB 1242	400	8100	UG/KG
PCB 1248	400	870 U	UG/KG
PCB 1254	400	870 U	UG/KG
PCB 1260	400	870 U	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
DECACHLOROBIPHENYL	(30 - 150 %)	114	%
TETRACHLORO-META-XYLENE	(30 - 150 %)	113	%

COLUMBIA ANALYTICAL SERVICES

Reported: 12/08/00

Blasland, Bouck & Lee, Inc.
Project Reference:CHGE LITTLE BRITAIN ROAD
Client Sample ID :CHAR-1 (0-4)

Date Sampled : 11/30/00 **Order #:** 428052 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 12/01/00 **Submission #:** R2004935

ANALYTE	PQL	RESULT	UNITS	DATE ANALYZED	ANALYTICAL DILUTION
METALS					
ARSENIC	0.500	0.500 U	MG/L	12/08/00	1.00
BARIUM	1.00	1.00 U	MG/L	12/08/00	1.00
CADMIUM	0.100	0.100 U	MG/L	12/08/00	1.00
CHROMIUM	0.100	0.100 U	MG/L	12/08/00	1.00
LEAD	0.100	0.180	MG/L	12/08/00	1.00
MERCURY	0.000300	0.00300 U	MG/L	12/06/00	10.0
SELENIUM	0.500	0.500 U	MG/L	12/08/00	1.00
SILVER	0.100	0.100 U	MG/L	12/08/00	1.00

Data reported following TCLP Toxicity Characteristic Leaching Procedure.
Federal Register, Part 261, Vol. 55, No. 126, June 29, 1990.

COLUMBIA ANALYTICAL SERVICES

Reported: 12/08/00

Blasland, Bouck & Lee, Inc.
Project Reference: CHGE LITTLE BRITAIN ROAD
Client Sample ID : CHAR-2 (8-9.1)

Date Sampled : 11/29/00
Date Received: 12/01/00
Order #: 428050
Submission #: R2004935
Sample Matrix: SOIL/SEDIMENT

ANALYTE	PQL	RESULT	UNITS	DATE ANALYZED	ANALYTICAL DILUTION
METALS					
ARSENIC	0.500	0.500 U	MG/L	12/08/00	1.00
BARIUM	1.00	1.00 U	MG/L	12/08/00	1.00
CADMIUM	0.100	0.100 U	MG/L	12/08/00	1.00
CHROMIUM	0.100	0.100 U	MG/L	12/08/00	1.00
LEAD	0.100	0.100 U	MG/L	12/08/00	1.00
MERCURY	0.000300	0.00300 U	MG/L	12/06/00	10.0
SELENIUM	0.500	0.500 U	MG/L	12/08/00	1.00
SILVER	0.100	0.100 U	MG/L	12/08/00	1.00

Data reported following TCLP Toxicity Characteristic Leaching Procedure.
Federal Register, Part 261, Vol. 55, No. 126, June 29, 1990.

COLUMBIA ANALYTICAL SERVICES

Reported: 12/08/00

Blasland, Bouck & Lee, Inc.
Project Reference:CHGE LITTLE BRITAIN ROAD
Client Sample ID :CHAR-3 (4-8)

Date Sampled : 11/30/00 **Order #:** 428043 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 12/01/00 **Submission #:** R2004935

ANALYTE	PQL	RESULT	UNITS	DATE ANALYZED	ANALYTICAL DILUTION
METALS					
ARSENIC	0.500	0.500 U	MG/L	12/08/00	1.00
BARIUM	1.00	1.00 U	MG/L	12/08/00	1.00
CADMIUM	0.100	0.100 U	MG/L	12/08/00	1.00
CHROMIUM	0.100	0.100 U	MG/L	12/08/00	1.00
LEAD	0.100	0.100 U	MG/L	12/08/00	1.00
MERCURY	0.000300	0.00300 U	MG/L	12/06/00	10.0
SELENIUM	0.500	0.500 U	MG/L	12/08/00	1.00
SILVER	0.100	0.100 U	MG/L	12/08/00	1.00

Data reported following TCLP Toxicity Characteristic Leaching Procedure.
Federal Register, Part 261, Vol. 55, No. 126, June 29, 1990.

COLUMBIA ANALYTICAL SERVICES

Reported: 12/08/00

Blasland, Bouck & Lee, Inc.
Project Reference:CHGE LITTLE BRITAIN ROAD
Client Sample ID :CHAR-4 (0.5-4)

Date Sampled : 11/30/00
Date Received: 12/01/00
Order #: 428041
Submission #: R2004935
Sample Matrix: SOIL/SEDIMENT

ANALYTE	PQL	RESULT	UNITS	DATE ANALYZED	ANALYTICAL DILUTION
METALS					
ARSENIC	0.500	0.500 U	MG/L	12/08/00	1.00
BARIUM	1.00	1.00 U	MG/L	12/08/00	1.00
CADMIUM	0.100	0.100 U	MG/L	12/08/00	1.00
CHROMIUM	0.100	0.100 U	MG/L	12/08/00	1.00
LEAD	0.100	0.100 U	MG/L	12/08/00	1.00
MERCURY	0.000300	0.00300 U	MG/L	12/06/00	10.0
SELENIUM	0.500	0.500 U	MG/L	12/08/00	1.00
SILVER	0.100	0.100 U	MG/L	12/08/00	1.00

Data reported following TCLP Toxicity Characteristic Leaching Procedure.
Federal Register, Part 261, Vol. 55, No. 126, June 29, 1990.

COLUMBIA ANALYTICAL SERVICES

Reported: 12/08/00

Blasland, Bouck & Lee, Inc.
Project Reference:CHGE LITTLE BRITAIN ROAD
Client Sample ID :CHAR-5 (4-7.7)

Date Sampled : 11/30/00 Order #: 428045 Sample Matrix: SOIL/SEDIMENT
Date Received: 12/01/00 Submission #: R2004935

ANALYTE	PQL	RESULT	UNITS	DATE ANALYZED	ANALYTICAL DILUTION
METALS					
ARSENIC	0.500	0.500 U	MG/L	12/08/00	1.00
BARIUM	1.00	1.00 U	MG/L	12/08/00	1.00
CADMIUM	0.100	0.100 U	MG/L	12/08/00	1.00
CHROMIUM	0.100	0.100 U	MG/L	12/08/00	1.00
LEAD	0.100	0.100 U	MG/L	12/08/00	1.00
MERCURY	0.000300	0.00300 U	MG/L	12/06/00	10.0
SELENIUM	0.500	0.500 U	MG/L	12/08/00	1.00
SILVER	0.100	0.100 U	MG/L	12/08/00	1.00

Data reported following TCLP Toxicity Characteristic Leaching Procedure.
Federal Register, Part 261, Vol. 55, No. 126, June 29, 1990.

COLUMBIA ANALYTICAL SERVICES

Reported: 12/08/00

Blasland, Bouck & Lee, Inc.
Project Reference:CHGE LITTLE BRITAIN ROAD
Client Sample ID :CHAR-6 (0-3)

Date Sampled : 11/30/00 Order #: 428049 Sample Matrix: SOIL/SEDIMENT
Date Received: 12/01/00 Submission #: R2004935

ANALYTE	PQL	RESULT	UNITS	DATE ANALYZED	ANALYTICAL DILUTION
METALS					
ARSENIC	0.500	0.500 U	MG/L	12/08/00	1.00
BARIUM	1.00	1.00 U	MG/L	12/08/00	1.00
CADMIUM	0.100	0.100 U	MG/L	12/08/00	1.00
CHROMIUM	0.100	0.100 U	MG/L	12/08/00	1.00
LEAD	0.100	0.823	MG/L	12/08/00	1.00
MERCURY	0.000300	0.00300 U	MG/L	12/06/00	10.0
SELENIUM	0.500	0.500 U	MG/L	12/08/00	1.00
SILVER	0.100	0.100 U	MG/L	12/08/00	1.00

Data reported following TCLP Toxicity Characteristic Leaching Procedure.
Federal Register, Part 261, Vol. 55, No. 126, June 29, 1990.

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COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8015B GRO
Reported: 12/08/00

Blasland, Bouck & Lee, Inc.
Project Reference: CHGE LITTLE BRITAIN ROAD
Client Sample ID : CHAR-1 (0-4)

Date Sampled : 11/30/00 09:15 **Order #:** 428431 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 12/01/00 **Submission #:** R2004935 **Percent Solid:** 84.6

ANALYTE		PQL	RESULT	UNITS
DATE ANALYZED : 12/07/00				
ANALYTICAL DILUTION: 125.00				Dry Weight
GASOLINE RANGE ORGANICS		50	150000	UG/KG
SURROGATE RECOVERIES	QC LIMITS			
CHLOROFLUOROBENZENE (FID)	(60 - 140 %)		117	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8015B GRO
Reported: 12/08/00

Blasland, Bouck & Lee, Inc.
Project Reference: CHGE LITTLE BRITAIN ROAD
Client Sample ID : CHAR-2 (8-9.1)

Date Sampled : 11/29/00 11:10 **Order #:** 428430 **Sample Matrix:** SOIL/SEDIMEN
Date Received: 12/01/00 **Submission #:** R2004935 **Percent Solid:** 87.0

ANALYTE		PQL	RESULT	UNITS
DATE ANALYZED : 12/07/00				
ANALYTICAL DILUTION: 125.00				Dry Weight
GASOLINE RANGE ORGANICS		50	170000	UG/KG
SURROGATE RECOVERIES	QC LIMITS			
CHLOROFLUOROBENZENE (FID)	(60 - 140 %)		136	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8015B GRO
Reported: 12/08/00

Blasland, Bouck & Lee, Inc.
Project Reference: CHGE LITTLE BRITAIN ROAD
Client Sample ID : CHAR-3 (4-8)

Date Sampled : 11/30/00 11:10 **Order #:** 428427 **Sample Matrix:** SOIL/SEDIMEN
Date Received: 12/01/00 **Submission #:** R2004935 **Percent Solid:** 88.2

ANALYTE		PQL	RESULT	UNITS
DATE ANALYZED : 12/07/00				
ANALYTICAL DILUTION: 125.00				Dry Weight
GASOLINE RANGE ORGANICS		50	68000	UG/KG
SURROGATE RECOVERIES	QC LIMITS			
CHLOROFLUOROBENZENE (FID)	(60 - 140 %)		122	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8015B GRO
Reported: 12/08/00

Blasland, Bouck & Lee, Inc.
Project Reference: CHGE LITTLE BRITAIN ROAD
Client Sample ID : CHAR-4 (0.5-4)

Date Sampled : 11/30/00 10:20 **Order #:** 428426 **Sample Matrix:** SOIL/SEDIMEN
Date Received: 12/01/00 **Submission #:** R2004935 **Percent Solid:** 84.5

ANALYTE		PQL	RESULT	UNITS
DATE ANALYZED : 12/07/00				
ANALYTICAL DILUTION: 125.00				Dry Weight
GASOLINE RANGE ORGANICS		50	100000	UG/KG
SURROGATE RECOVERIES	QC LIMITS			
CHLOROFLUOROBENZENE (FID)	(60 - 140 %)		121	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8015B GRO
Reported: 12/08/00

Blasland, Bouck & Lee, Inc.
Project Reference: CHGE LITTLE BRITAIN ROAD
Client Sample ID : CHAR-5 (4-7.7)

Date Sampled : 11/30/00 12:00 **Order #:** 428428 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 12/01/00 **Submission #:** R2004935 **Percent Solid:** 84.4

ANALYTE		PQL	RESULT	UNITS
DATE ANALYZED : 12/06/00				
ANALYTICAL DILUTION: 1.00				Dry Weight
GASOLINE RANGE ORGANICS		50	59 U	UG/KG
SURROGATE RECOVERIES	QC LIMITS			
CHLOROFLUOROBENZENE (FID)	(60 - 140 %)		68	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8015B GRO
Reported: 12/08/00

Blasland, Bouck & Lee, Inc.
Project Reference: CHGE LITTLE BRITAIN ROAD
Client Sample ID : CHAR-6 (0-3)

Date Sampled : 11/30/00 12:15 **Order #:** 428429 **Sample Matrix:** SOIL/SEDIMEN
Date Received: 12/01/00 **Submission #:** R2004935 **Percent Solid:** 84.0

ANALYTE		PQL	RESULT	UNITS
DATE ANALYZED : 12/07/00				
ANALYTICAL DILUTION: 125.00				Dry Weight
GASOLINE RANGE ORGANICS		50	150000	UG/KG
SURROGATE RECOVERIES	QC LIMITS			
CHLOROFLUOROBENZENE (FID)	(60 - 140 %)		115	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8015B DIESEL RANGE ORGANICS
Reported: 12/08/00

Blasland, Bouck & Lee, Inc.
Project Reference: CHGE LITTLE BRITAIN ROAD
Client Sample ID : CHAR-1 (0-4)

Date Sampled : 11/30/00 09:15 **Order #:** 428431 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 12/01/00 **Submission #:** R2004935 **Percent Solid:** 84.6

ANALYTE		PQL	RESULT	UNITS
DATE EXTRACTED	: 12/05/00			
DATE ANALYZED	: 12/06/00			
ANALYTICAL DILUTION:	1.00			Dry Weight
DIESEL RANGE ORGANICS		4000	1300000	UG/KG
SURROGATE RECOVERIES	QC LIMITS			
O-TERPHENYL	(50 - 150 %)		86	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8015B DIESEL RANGE ORGANICS
Reported: 12/08/00

Blasland, Bouck & Lee, Inc.
Project Reference: CHGE LITTLE BRITAIN ROAD
Client Sample ID : CHAR-2 (8-9.1)

Date Sampled : 11/29/00 11:10 **Order #:** 428430 **Sample Matrix:** SOIL/SEDIMEN
Date Received: 12/01/00 **Submission #:** R2004935 **Percent Solid:** 87.0

ANALYTE		PQL	RESULT	UNITS
DATE EXTRACTED	: 12/05/00			
DATE ANALYZED	: 12/06/00			
ANALYTICAL DILUTION:	1.00			Dry Weight
DIESEL RANGE ORGANICS		4000	2100000	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
O-TERPHENYL	(50 - 150 %)	82	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8015B DIESEL RANGE ORGANICS
Reported: 12/08/00

Blasland, Bouck & Lee, Inc.
Project Reference: CHGE LITTLE BRITAIN ROAD
Client Sample ID : CHAR-3 (4-8)

Date Sampled : 11/30/00 11:10 **Order #:** 428427 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 12/01/00 **Submission #:** R2004935 **Percent Solid:** 88.2

ANALYTE		PQL	RESULT	UNITS
DATE EXTRACTED	: 12/05/00			
DATE ANALYZED	: 12/06/00			
ANALYTICAL DILUTION:	1.00	-		Dry Weight
DIESEL RANGE ORGANICS		4000	830000	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
O-TERPHENYL	(50 - 150 %)	75	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8015B DIESEL RANGE ORGANICS
Reported: 12/08/00

Blasland, Bouck & Lee, Inc.
Project Reference: CHGE LITTLE BRITAIN ROAD
Client Sample ID : CHAR-4 (0.5-4)

Date Sampled : 11/30/00 10:20 **Order #:** 428426 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 12/01/00 **Submission #:** R2004935 **Percent Solid:** 84.5

ANALYTE		PQL	RESULT	UNITS
DATE EXTRACTED	: 12/05/00			
DATE ANALYZED	: 12/06/00			
ANALYTICAL DILUTION:	1.00			Dry Weight
DIESEL RANGE ORGANICS		4000	1200000	UG/KG
SURROGATE RECOVERIES	QC LIMITS			
O-TERPHENYL	(50 - 150 %)		85	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8015B DIESEL RANGE ORGANICS
Reported: 12/08/00

Blasland, Bouck & Lee, Inc.
Project Reference: CHGE LITTLE BRITAIN ROAD
Client Sample ID : CHAR-5 (4-7.7)

Date Sampled : 11/30/00 12:00 **Order #:** 428428 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 12/01/00 **Submission #:** R2004935 **Percent Solid:** 84.4

ANALYTE		PQL	RESULT	UNITS
DATE EXTRACTED	: 12/06/00			
DATE ANALYZED	: 12/07/00			
ANALYTICAL DILUTION:	1.00			Dry Weight
DIESEL RANGE ORGANICS		4000	4700 U	UG/KG
SURROGATE RECOVERIES	QC LIMITS			
O-TERPHENYL	(50 - 150 %)		91	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8015B DIESEL RANGE ORGANICS
Reported: 12/08/00

Blasland, Bouck & Lee, Inc.
Project Reference: CHGE LITTLE BRITAIN ROAD
Client Sample ID : CHAR-6 (0-3)

Date Sampled : 11/30/00 12:15 **Order #:** 428429 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 12/01/00 **Submission #:** R2004935 **Percent Solid:** 84.0

ANALYTE		PQL	RESULT	UNITS
DATE EXTRACTED	: 12/05/00			
DATE ANALYZED	: 12/06/00			
ANALYTICAL DILUTION:	1.00			Dry Weight
DIESEL RANGE ORGANICS		4000	2100000	UG/KG
SURROGATE RECOVERIES	QC LIMITS			
O-TERPHENYL	(50 - 150 %)		93	%

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 01/25/01

Blasland, Bouck & Lee, Inc.
Project Reference: CHGE LITTLE BRITAIN RD
Client Sample ID : TP-1 (9')

Date Sampled : 01/22/01 14:45 Order #: 437569 Sample Matrix: SOIL/SEDIMENT
Date Received: 01/23/01 Submission #: R2105552 Percent Solid: 82.9

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 01/23/01			
ANALYTICAL DILUTION: 500.00			Dry Weight
ACETONE	20	12000 U	UG/KG
BENZENE	5.0	3000 U	UG/KG
BROMODICHLOROMETHANE	5.0	3000 U	UG/KG
BROMOFORM	5.0	3000 U	UG/KG
BROMOMETHANE	5.0	3000 U	UG/KG
2-BUTANONE (MEK)	10	6000 U	UG/KG
CARBON DISULFIDE	10	6000 U	UG/KG
CARBON TETRACHLORIDE	5.0	3000 U	UG/KG
CHLOROBENZENE	5.0	3000 U	UG/KG
CHLOROETHANE	5.0	3000 U	UG/KG
CHLOROFORM	5.0	3000 U	UG/KG
CHLOROMETHANE	5.0	3000 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	3000 U	UG/KG
1,1-DICHLOROETHANE	5.0	3000 U	UG/KG
1,2-DICHLOROETHANE	5.0	3000 U	UG/KG
1,1-DICHLOROETHENE	5.0	3000 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	58000	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	3000 U	UG/KG
1,2-DICHLOROPROPANE	5.0	3000 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	3000 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	3000 U	UG/KG
ETHYLBENZENE	5.0	3000 U	UG/KG
2-HEXANONE	10	6000 U	UG/KG
METHYLENE CHLORIDE	5.0	3000 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	6000 U	UG/KG
STYRENE	5.0	3000 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	3000 U	UG/KG
TETRACHLOROETHENE	5.0	3000 U	UG/KG
TOLUENE	5.0	5800	UG/KG
1,1,1-TRICHLOROETHANE	5.0	3000 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	3000 U	UG/KG
TRICHLOROETHENE	5.0	3000 U	UG/KG
VINYL CHLORIDE	5.0	3000	UG/KG
O-XYLENE	5.0	3000 U	UG/KG
M+P-XYLENE	5.0	4800	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(74 - 121 %)	96	%
TOLUENE-D8	(81 - 117 %)	101	%
DIBROMOFLUOROMETHANE	(80 - 120 %)	103	%

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CLIENT: Central Hudson Gas & Electric
CLIENT'S SAMPLE ID: 1 (0-6.5)
AES sample #: 010208AW01
Samples taken by: T.Hauptfleisch
MATRIX: Soil
Date Sampled: 02/08/01
Date sample received: 02/09/01
Location: Little Britain
composite

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Chloromethane	EPA-8260	<100	ug/kg	JF-BX-10	02/09/01
Bromomethane	EPA-8260	<100	ug/kg	JF-BX-10	02/09/01
Vinyl Chloride	EPA-8260	<100	ug/kg	JF-BX-10	02/09/01
Chloroethane	EPA-8260	<100	ug/kg	JF-BX-10	02/09/01
Methylene Chloride	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
Trichlorofluoromethane	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
1,1-Dichloroethene	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
1,1-Dichloroethane	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
1,2-Dichloroethene Total	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
Chloroform	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
1,2-Dichloroethane	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
1,1,1-Trichloroethane	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
Carbon Tetrachloride	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
Bromo dichloromethane	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
1,2 Dichloropropane	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
trans-1,3-Dichloropropene	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
Trichloroethene	EPA-8260	70	ug/kg	JF-BX-10	02/09/01
Benzene	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
Dibromochloromethane	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
1,1,2-Trichloroethane	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01

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CLIENT: Central Hudson Gas & Electric
CLIENT'S SAMPLE ID: 1 (0-6.5)
AES sample #: 010208AW01
Samples taken by: T.Hauptfleisch
MATRIX: Soil
Date Sampled: 02/08/01
Date sample received: 02/09/01
Location: Little Britain composite

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
cis-1,3-Dichloropropene	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
2-Chloroethylvinylether	EPA-8260	<100	ug/kg	JF-BX-10	02/09/01
Bromoform	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
1,1,2,2-Tetrachloroethane	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
Tetrachloroethene	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
Toluene	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
Chlorobenzene	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
Ethylbenzene	EPA-8260	96	ug/kg	JF-BX-10	02/09/01
Xylenes,Total	EPA-8260	80	ug/kg	JF-BX-10	02/09/01

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CLIENT: Central Hudson Gas & Electric
CLIENT'S SAMPLE ID: 2 (0-6)
AES sample #: 010208AW02
Samples taken by: T.Hauptfleisch
MATRIX: Soil
Date Sampled: 02/08/01
Date sample received: 02/09/01
Location: Little Britain composite

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Chloromethane	EPA-8260	<500	ug/kg	JF-BX-10	02/09/01
Bromomethane	EPA-8260	<500	ug/kg	JF-BX-10	02/09/01
Vinyl Chloride	EPA-8260	<500	ug/kg	JF-BX-10	02/09/01
Chloroethane	EPA-8260	<500	ug/kg	JF-BX-10	02/09/01
Methylene Chloride	EPA-8260	<250	ug/kg	JF-BX-10	02/09/01
Trichlorofluoromethane	EPA-8260	<250	ug/kg	JF-BX-10	02/09/01
1,1-Dichloroethene	EPA-8260	<250	ug/kg	JF-BX-10	02/09/01
1,1-Dichloroethane	EPA-8260	<250	ug/kg	JF-BX-10	02/09/01
1,2-Dichloroethene Total	EPA-8260	300	ug/kg	JF-BX-10	02/09/01
Chloroform	EPA-8260	<250	ug/kg	JF-BX-10	02/09/01
1,2-Dichloroethane	EPA-8260	<250	ug/kg	JF-BX-10	02/09/01
1,1,1-Trichloroethane	EPA-8260	<250	ug/kg	JF-BX-10	02/09/01
Carbon Tetrachloride	EPA-8260	<250	ug/kg	JF-BX-10	02/09/01
Bromo dichloromethane	EPA-8260	<250	ug/kg	JF-BX-10	02/09/01
1,2 Dichloropropane	EPA-8260	<250	ug/kg	JF-BX-10	02/09/01
trans-1,3-Dichloropropene	EPA-8260	<250	ug/kg	JF-BX-10	02/09/01
Trichloroethene	EPA-8260	<250	ug/kg	JF-BX-10	02/09/01
Benzene	EPA-8260	<250	ug/kg	JF-BX-10	02/09/01
Dibromochloromethane	EPA-8260	<250	ug/kg	JF-BX-10	02/09/01
1,1,2-Trichloroethane	EPA-8260	<250	ug/kg	JF-BX-10	02/09/01

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CLIENT: Central Hudson Gas & Electric
CLIENT'S SAMPLE ID: 2 (0-6)
AES sample #: 010208AW02
Samples taken by: T.Hauptfleisch
MATRIX: Soil
Date Sampled: 02/08/01
Date sample received: 02/09/01
Location: Little Britain composite

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
cis-1,3-Dichloropropene	EPA-8260	<250	ug/kg	JF-BX-10	02/09/01
2-Chloroethylvinylether	EPA-8260	<500	ug/kg	JF-BX-10	02/09/01
Bromoform	EPA-8260	<250	ug/kg	JF-BX-10	02/09/01
1,1,2,2-Tetrachloroethane	EPA-8260	<250	ug/kg	JF-BX-10	02/09/01
Tetrachloroethene	EPA-8260	<250	ug/kg	JF-BX-10	02/09/01
Toluene	EPA-8260	1700	ug/kg	JF-BX-10	02/09/01
Chlorobenzene	EPA-8260	<250	ug/kg	JF-BX-10	02/09/01
Ethylbenzene	EPA-8260	<250	ug/kg	JF-BX-10	02/09/01
Xylenes,Total	EPA-8260	650	ug/kg	JF-BX-10	02/09/01

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CLIENT: Central Hudson Gas & Electric
CLIENT'S SAMPLE ID: 3 (0-4)
AES sample #: 010208AW03
Samples taken by: T.Hauptfleisch
MATRIX: Soil
Date Sampled: 02/08/01
Date sample received: 02/09/01
Location: Little Britain composite

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Chloromethane	EPA-8260	<100	ug/kg	JF-BX-10	02/09/01
Bromomethane	EPA-8260	<100	ug/kg	JF-BX-10	02/09/01
Vinyl Chloride	EPA-8260	<100	ug/kg	JF-BX-10	02/09/01
Chloroethane	EPA-8260	<100	ug/kg	JF-BX-10	02/09/01
Methylene Chloride	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
Trichlorofluoromethane	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
1,1-Dichloroethene	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
1,1-Dichloroethane	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
1,2-Dichloroethene Total	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
Chloroform	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
1,2-Dichloroethane	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
1,1,1-Trichloroethane	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
Carbon Tetrachloride	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
Bromo dichloromethane	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
1,2 Dichloropropane	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
trans-1,3-Dichloropropene	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
Trichloroethene	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
Benzene	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
Dibromochloromethane	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
1,1,2-Trichloroethane	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01

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CLIENT: Central Hudson Gas & Electric
CLIENT'S SAMPLE ID: 3 (0-4)
AES sample #: 010208AW03
Samples taken by: T.Hauptfleisch
MATRIX: Soil
Date Sampled: 02/08/01
Date sample received: 02/09/01
Location: Little Britain
composite

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
cis-1,3-Dichloropropene	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
2-Chloroethylvinylether	EPA-8260	<100	ug/kg	JF-BX-10	02/09/01
Bromoform	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
1,1,2,2-Tetrachloroethane	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
Tetrachloroethene	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
Toluene	EPA-8260	78	ug/kg	JF-BX-10	02/09/01
Chlorobenzene	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
Ethylbenzene	EPA-8260	94	ug/kg	JF-BX-10	02/09/01
Xylenes,Total	EPA-8260	440	ug/kg	JF-BX-10	02/09/01

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CLIENT: Central Hudson Gas & Electric
CLIENT'S SAMPLE ID: 4 (0-8.2)
AES sample #: 010208AW04
Samples taken by: T.Hauptfleisch
MATRIX: Soil
Date Sampled: 02/08/01
Date sample received: 02/09/01
Location: Little Britain
composite

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Chloromethane	EPA-8260	<500	ug/kg	JF-BX-10	02/09/01
Bromomethane	EPA-8260	<500	ug/kg	JF-BX-10	02/09/01
Vinyl Chloride	EPA-8260	<500	ug/kg	JF-BX-10	02/09/01
Chloroethane	EPA-8260	<500	ug/kg	JF-BX-10	02/09/01
Methylene Chloride	EPA-8260	<250	ug/kg	JF-BX-10	02/09/01
Trichlorofluoromethane	EPA-8260	<250	ug/kg	JF-BX-10	02/09/01
1,1-Dichloroethene	EPA-8260	<250	ug/kg	JF-BX-10	02/09/01
1,1-Dichloroethane	EPA-8260	<250	ug/kg	JF-BX-10	02/09/01
1,2-Dichloroethene Total	EPA-8260	15,000	ug/kg	JF-BX-10	02/09/01
Chloroform	EPA-8260	<250	ug/kg	JF-BX-10	02/09/01
1,2-Dichloroethane	EPA-8260	<250	ug/kg	JF-BX-10	02/09/01
1,1,1-Trichloroethane	EPA-8260	<250	ug/kg	JF-BX-10	02/09/01
Carbon Tetrachloride	EPA-8260	<250	ug/kg	JF-BX-10	02/09/01
Bromo dichloromethane	EPA-8260	<250	ug/kg	JF-BX-10	02/09/01
1,2 Dichloropropane	EPA-8260	<250	ug/kg	JF-BX-10	02/09/01
trans-1,3-Dichloropropene	EPA-8260	<250	ug/kg	JF-BX-10	02/09/01
Trichloroethene	EPA-8260	<250	ug/kg	JF-BX-10	02/09/01
Benzene	EPA-8260	<250	ug/kg	JF-BX-10	02/09/01
Dibromochloromethane	EPA-8260	<250	ug/kg	JF-BX-10	02/09/01
1,1,2-Trichloroethane	EPA-8260	<250	ug/kg	JF-BX-10	02/09/01

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CLIENT: Central Hudson Gas & Electric
CLIENT'S SAMPLE ID: 4 (0-8.2)
AES sample #: 010208AW04
Samples taken by: T.Hauptfleisch
MATRIX: Soil
Date Sampled: 02/08/01
Date sample received: 02/09/01
Location: Little Britain composite

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
cis-1,3-Dichloropropene	EPA-8260	<250	ug/kg	JF-BX-10	02/09/01
2-Chloroethylvinylether	EPA-8260	<500	ug/kg	JF-BX-10	02/09/01
Bromoform	EPA-8260	<250	ug/kg	JF-BX-10	02/09/01
1,1,2,2-Tetrachloroethane	EPA-8260	<250	ug/kg	JF-BX-10	02/09/01
Tetrachloroethene	EPA-8260	<250	ug/kg	JF-BX-10	02/09/01
Toluene	EPA-8260	4000	ug/kg	JF-BX-10	02/09/01
Chlorobenzene	EPA-8260	<250	ug/kg	JF-BX-10	02/09/01
Ethylbenzene	EPA-8260	<250	ug/kg	JF-BX-10	02/09/01
Xylenes,Total	EPA-8260	750	ug/kg	JF-BX-10	02/09/01

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CLIENT: Central Hudson Gas & Electric
CLIENT'S SAMPLE ID: 5 (0-7)
AES sample #: 010208AW05
Samples taken by: T.Hauptfleisch
MATRIX: Soil
Date Sampled: 02/08/01
Date sample received: 02/09/01
Location: Little Britain composite

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Chloromethane	EPA-8260	<10	ug/kg	JF-BX-10	02/09/01
Bromomethane	EPA-8260	<10	ug/kg	JF-BX-10	02/09/01
Vinyl Chloride	EPA-8260	<10	ug/kg	JF-BX-10	02/09/01
Chloroethane	EPA-8260	<10	ug/kg	JF-BX-10	02/09/01
Methylene Chloride	EPA-8260	<5	ug/kg	JF-BX-10	02/09/01
Trichlorofluoromethane	EPA-8260	<5	ug/kg	JF-BX-10	02/09/01
1,1-Dichloroethene	EPA-8260	<5	ug/kg	JF-BX-10	02/09/01
1,1-Dichloroethane	EPA-8260	<5	ug/kg	JF-BX-10	02/09/01
1,2-Dichloroethene Total	EPA-8260	<5	ug/kg	JF-BX-10	02/09/01
Chloroform	EPA-8260	<5	ug/kg	JF-BX-10	02/09/01
1,2-Dichloroethane	EPA-8260	<5	ug/kg	JF-BX-10	02/09/01
1,1,1-Trichloroethane	EPA-8260	<5	ug/kg	JF-BX-10	02/09/01
Carbon Tetrachloride	EPA-8260	<5	ug/kg	JF-BX-10	02/09/01
Bromo dichloromethane	EPA-8260	<5	ug/kg	JF-BX-10	02/09/01
1,2 Dichloropropane	EPA-8260	<5	ug/kg	JF-BX-10	02/09/01
trans-1,3-Dichloropropene	EPA-8260	<5	ug/kg	JF-BX-10	02/09/01
Trichloroethene	EPA-8260	<5	ug/kg	JF-BX-10	02/09/01
Benzene	EPA-8260	<5	ug/kg	JF-BX-10	02/09/01
Dibromochloromethane	EPA-8260	<5	ug/kg	JF-BX-10	02/09/01
1,1,2-Trichloroethane	EPA-8260	<5	ug/kg	JF-BX-10	02/09/01

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CLIENT: Central Hudson Gas & Electric
CLIENT'S SAMPLE ID: 5 (0-7)
AES sample #: 010208AW05
Samples taken by: T.Hauptfleisch
MATRIX: Soil
Date Sampled: 02/08/01
Date sample received: 02/09/01
Location: Little Britain
composite

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
cis-1,3-Dichloropropene	EPA-8260	<5	ug/kg	JF-BX-10	02/09/01
2-Chloroethylvinylether	EPA-8260	<10	ug/kg	JF-BX-10	02/09/01
Bromoform	EPA-8260	<5	ug/kg	JF-BX-10	02/09/01
1,1,2,2-Tetrachloroethane	EPA-8260	<5	ug/kg	JF-BX-10	02/09/01
Tetrachloroethene	EPA-8260	<5	ug/kg	JF-BX-10	02/09/01
Toluene	EPA-8260	<5	ug/kg	JF-BX-10	02/09/01
Chlorobenzene	EPA-8260	<5	ug/kg	JF-BX-10	02/09/01
Ethylbenzene	EPA-8260	<5	ug/kg	JF-BX-10	02/09/01
Xylenes,Total	EPA-8260	<5	ug/kg	JF-BX-10	02/09/01

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CLIENT: Central Hudson Gas & Electric
CLIENT'S SAMPLE ID: 6 (0-4.2)
AES sample #: 010208AW06
Samples taken by: T.Hauptfleisch
MATRIX: Soil
Date Sampled: 02/08/01
Date sample received: 02/09/01
Location: Little Britain composite

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Chloromethane	EPA-8260	<100	ug/kg	JF-BX-10	02/09/01
Bromomethane	EPA-8260	<100	ug/kg	JF-BX-10	02/09/01
Vinyl Chloride	EPA-8260	<100	ug/kg	JF-BX-10	02/09/01
Chloroethane	EPA-8260	<100	ug/kg	JF-BX-10	02/09/01
Methylene Chloride	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
Trichlorofluoromethane	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
1,1-Dichloroethene	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
1,1-Dichloroethane	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
1,2-Dichloroethene Total	EPA-8260	2500	ug/kg	JF-BX-10	02/09/01
Chloroform	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
1,2-Dichloroethane	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
1,1,1-Trichloroethane	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
Carbon Tetrachloride	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
Bromo dichloromethane	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
1,2 Dichloropropane	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
trans-1,3-Dichloropropene	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
Trichloroethene	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
Benzene	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
Dibromochloromethane	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
1,1,2-Trichloroethane	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01

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CLIENT: Central Hudson Gas & Electric
CLIENT'S SAMPLE ID: 6 (0-4.2)
AES sample #: 010208AW06
Samples taken by: T.Hauptfleisch
MATRIX: Soil
Date Sampled: 02/08/01
Date sample received: 02/09/01
Location: Little Britain composite

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
cis-1,3-Dichloropropene	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
2-Chloroethylvinylether	EPA-8260	<100	ug/kg	JF-BX-10	02/09/01
Bromoform	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
1,1,2,2-Tetrachloroethane	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
Tetrachloroethene	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
Toluene	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
Chlorobenzene	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
Ethylbenzene	EPA-8260	68	ug/kg	JF-BX-10	02/09/01
Xylenes,Total	EPA-8260	350	ug/kg	JF-BX-10	02/09/01

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CLIENT: Central Hudson Gas & Electric
CLIENT'S SAMPLE ID: 7 (0-9)
AES sample #: 010208AW07
Samples taken by: T.Hauptfleisch
MATRIX: Soil
Date Sampled: 02/08/01
Date sample received: 02/09/01
Location: Little Britain
composite

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Chloromethane	EPA-8260	<100	ug/kg	JF-BX-10	02/09/01
Bromomethane	EPA-8260	<100	ug/kg	JF-BX-10	02/09/01
Vinyl Chloride	EPA-8260	<100	ug/kg	JF-BX-10	02/09/01
Chloroethane	EPA-8260	<100	ug/kg	JF-BX-10	02/09/01
Methylene Chloride	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
Trichlorofluoromethane	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
1,1-Dichloroethene	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
1,1-Dichloroethane	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
1,2-Dichloroethene Total	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
Chloroform	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
1,2-Dichloroethane	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
1,1,1-Trichloroethane	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
Carbon Tetrachloride	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
Bromo dichloromethane	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
1,2 Dichloropropane	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
trans-1,3-Dichloropropene	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
Trichloroethene	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
Benzene	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
Dibromochloromethane	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
1,1,2-Trichloroethane	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01

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CLIENT: Central Hudson Gas & Electric — Date Sampled: 02/08/01
CLIENT'S SAMPLE ID: 7 (0-9) — Date sample received: 02/09/01
AES sample #: 010208AW07 — Samples taken by: T.Hauptfleisch — Location: Little Britain
MATRIX: Soil — composite

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
cis-1,3-Dichloropropene	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
2-Chloroethylvinylether	EPA-8260	<100	ug/kg	JF-BX-10	02/09/01
Bromoform	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
1,1,2,2-Tetrachloroethane	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
Tetrachloroethene	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
Toluene	EPA-8260	100	ug/kg	JF-BX-10	02/09/01
Chlorobenzene	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
Ethylbenzene	EPA-8260	280	ug/kg	JF-BX-10	02/09/01
Xylenes,Total	EPA-8260	670	ug/kg	JF-BX-10	02/09/01

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CLIENT: Central Hudson Gas & Electric
CLIENT'S SAMPLE ID: 9 (0-3)
AES sample #: 010208AW08
Samples taken by: T.Hauptfleisch
MATRIX: Soil
Date Sampled: 02/08/01
Date sample received: 02/09/01
Location: Little Britain
composite

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Chloromethane	EPA-8260	<1000	ug/kg	JF-BX-10	02/09/01
Bromomethane	EPA-8260	<1000	ug/kg	JF-BX-10	02/09/01
Vinyl Chloride	EPA-8260	<1000	ug/kg	JF-BX-10	02/09/01
Chloroethane	EPA-8260	<1000	ug/kg	JF-BX-10	02/09/01
Methylene Chloride	EPA-8260	<500	ug/kg	JF-BX-10	02/09/01
Trichlorofluoromethane	EPA-8260	<500	ug/kg	JF-BX-10	02/09/01
1,1-Dichloroethene	EPA-8260	<500	ug/kg	JF-BX-10	02/09/01
1,1-Dichloroethane	EPA-8260	<500	ug/kg	JF-BX-10	02/09/01
1,2-Dichloroethene Total	EPA-8260	2200	ug/kg	JF-BX-10	02/09/01
Chloroform	EPA-8260	<500	ug/kg	JF-BX-10	02/09/01
1,2-Dichloroethane	EPA-8260	<500	ug/kg	JF-BX-10	02/09/01
1,1,1-Trichloroethane	EPA-8260	<500	ug/kg	JF-BX-10	02/09/01
Carbon Tetrachloride	EPA-8260	<500	ug/kg	JF-BX-10	02/09/01
Bromo dichloromethane	EPA-8260	<500	ug/kg	JF-BX-10	02/09/01
1,2 Dichloropropane	EPA-8260	<500	ug/kg	JF-BX-10	02/09/01
trans-1,3-Dichloropropene	EPA-8260	<500	ug/kg	JF-BX-10	02/09/01
Trichloroethene	EPA-8260	17,000	ug/kg	JF-BX-10	02/09/01
Benzene	EPA-8260	<500	ug/kg	JF-BX-10	02/09/01
Dibromochloromethane	EPA-8260	<500	ug/kg	JF-BX-10	02/09/01
1,1,2-Trichloroethane	EPA-8260	<500	ug/kg	JF-BX-10	02/09/01

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CLIENT: Central Hudson Gas & Electric — Date Sampled: 02/08/01
CLIENT'S SAMPLE ID: 9 (0-3) — Date sample received: 02/09/01
AES sample #: 010208AW08 — Samples taken by: T.Hauptfleisch — Location: Little Britain
MATRIX: Soil — composite

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
cis-1,3-Dichloropropene	EPA-8260	<500	ug/kg	JF-BX-10	02/09/01
2-Chloroethylvinylether	EPA-8260	<1000	ug/kg	JF-BX-10	02/09/01
Bromoform	EPA-8260	<500	ug/kg	JF-BX-10	02/09/01
1,1,2,2-Tetrachloroethane	EPA-8260	<500	ug/kg	JF-BX-10	02/09/01
Tetrachloroethene	EPA-8260	<500	ug/kg	JF-BX-10	02/09/01
Toluene	EPA-8260	<500	ug/kg	JF-BX-10	02/09/01
Chlorobenzene	EPA-8260	<500	ug/kg	JF-BX-10	02/09/01
Ethylbenzene	EPA-8260	<500	ug/kg	JF-BX-10	02/09/01
Xylenes,Total	EPA-8260	<500	ug/kg	JF-BX-10	02/09/01

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CLIENT: Central Hudson Gas & Electric — Date Sampled: 02/08/01
CLIENT'S SAMPLE ID: 10 (0-5) — Date sample received: 02/09/01
AES sample #: 010208AW09 — Samples taken by: T.Hauptfleisch — Location: Little Britain
MATRIX: Soil — composite

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Chloromethane	EPA-8260	<500	ug/kg	JF-BX-10	02/09/01
Bromomethane	EPA-8260	<500	ug/kg	JF-BX-10	02/09/01
Vinyl Chloride	EPA-8260	<500	ug/kg	JF-BX-10	02/09/01
Chloroethane	EPA-8260	<500	ug/kg	JF-BX-10	02/09/01
Methylene Chloride	EPA-8260	<250	ug/kg	JF-BX-10	02/09/01
Trichlorofluoromethane	EPA-8260	<250	ug/kg	JF-BX-10	02/09/01
1,1-Dichloroethene	EPA-8260	<250	ug/kg	JF-BX-10	02/09/01
1,1-Dichloroethane	EPA-8260	<250	ug/kg	JF-BX-10	02/09/01
1,2-Dichloroethene Total	EPA-8260	3800	ug/kg	JF-BX-10	02/09/01
Chloroform	EPA-8260	<250	ug/kg	JF-BX-10	02/09/01
1,2-Dichloroethane	EPA-8260	<250	ug/kg	JF-BX-10	02/09/01
1,1,1-Trichloroethane	EPA-8260	<250	ug/kg	JF-BX-10	02/09/01
Carbon Tetrachloride	EPA-8260	<250	ug/kg	JF-BX-10	02/09/01
Bromo dichloromethane	EPA-8260	<250	ug/kg	JF-BX-10	02/09/01
1,2 Dichloropropane	EPA-8260	<250	ug/kg	JF-BX-10	02/09/01
trans-1,3-Dichloropropene	EPA-8260	<250	ug/kg	JF-BX-10	02/09/01
Trichloroethene	EPA-8260	3100	ug/kg	JF-BX-10	02/09/01
Benzene	EPA-8260	<250	ug/kg	JF-BX-10	02/09/01
Dibromochloromethane	EPA-8260	<250	ug/kg	JF-BX-10	02/09/01
1,1,2-Trichloroethane	EPA-8260	<250	ug/kg	JF-BX-10	02/09/01

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CLIENT: Central Hudson Gas & Electric
CLIENT'S SAMPLE ID: 10 (0-5)
AES sample #: 010208AW09
Samples taken by: T.Hauptfleisch
MATRIX: Soil
Date Sampled: 02/08/01
Date sample received: 02/09/01
Location: Little Britain composite

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
cis-1,3-Dichloropropene	EPA-8260	<250	ug/kg	JF-EX-10	02/09/01
2-Chloroethylvinylether	EPA-8260	<500	ug/kg	JF-EX-10	02/09/01
Bromoform	EPA-8260	<250	ug/kg	JF-EX-10	02/09/01
1,1,2,2-Tetrachloroethane	EPA-8260	<250	ug/kg	JF-EX-10	02/09/01
Tetrachloroethene	EPA-8260	<250	ug/kg	JF-EX-10	02/09/01
Toluene	EPA-8260	<250	ug/kg	JF-EX-10	02/09/01
Chlorobenzene	EPA-8260	<250	ug/kg	JF-EX-10	02/09/01
Ethylbenzene	EPA-8260	<250	ug/kg	JF-EX-10	02/09/01
Xylenes,Total	EPA-8260	<250	ug/kg	JF-EX-10	02/09/01

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CLIENT: Central Hudson Gas & Electric
CLIENT'S SAMPLE ID: 11 (0-4.5)
AES sample #: 010208AW10
Samples taken by: T.Hauptfleisch
MATRIX: Soil
Date Sampled: 02/08/01
Date sample received: 02/09/01
Location: Little Britain
composite

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Chloromethane	EPA-8260	<100	ug/kg	JF-BX-10	02/09/01
Bromomethane	EPA-8260	<100	ug/kg	JF-BX-10	02/09/01
Vinyl Chloride	EPA-8260	<100	ug/kg	JF-BX-10	02/09/01
Chloroethane	EPA-8260	<100	ug/kg	JF-BX-10	02/09/01
Methylene Chloride	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
Trichlorofluoromethane	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
1,1-Dichloroethene	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
1,1-Dichloroethane	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
1,2-Dichloroethene Total	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
Chloroform	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
1,2-Dichloroethane	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
1,1,1-Trichloroethane	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
Carbon Tetrachloride	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
Bromo dichloromethane	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
1,2 Dichloropropane	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
trans-1,3-Dichloropropene	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
Trichloroethene	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
Benzene	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
Dibromochloromethane	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
1,1,2-Trichloroethane	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01

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CLIENT: Central Hudson Gas & Electric
CLIENT'S SAMPLE ID: 11 (0-4.5)
AES sample #: 010208AW10
Samples taken by: T.Hauptfleisch
MATRIX: Soil
Date Sampled: 02/08/01
Date sample received: 02/09/01
Location: Little Britain composite

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
cis-1,3-Dichloropropene	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
2-Chloroethylvinylether	EPA-8260	<100	ug/kg	JF-BX-10	02/09/01
Bromoform	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
1,1,2,2-Tetrachloroethane	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
Tetrachloroethene	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
Toluene	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
Chlorobenzene	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
Ethylbenzene	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
Xylenes,Total	EPA-8260	360	ug/kg	JF-BX-10	02/09/01

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CLIENT: Central Hudson Gas & Electric
CLIENT'S SAMPLE ID: 12 (0-8)
AES sample #: 010208AW11
Samples taken by: T.Hauptfleisch
MATRIX: Soil
Date Sampled: 02/08/01
Date sample received: 02/09/01
Location: Little Britain composite

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Chloromethane	EPA-8260	<100	ug/kg	JF-BX-10	02/09/01
Bromomethane	EPA-8260	<100	ug/kg	JF-BX-10	02/09/01
Vinyl Chloride	EPA-8260	<100	ug/kg	JF-BX-10	02/09/01
Chloroethane	EPA-8260	<100	ug/kg	JF-BX-10	02/09/01
Methylene Chloride	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
Trichlorofluoromethane	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
1,1-Dichloroethene	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
1,1-Dichloroethane	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
1,2-Dichloroethene Total	EPA-8260	2200	ug/kg	JF-BX-10	02/09/01
Chloroform	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
1,2-Dichloroethane	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
1,1,1-Trichloroethane	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
Carbon Tetrachloride	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
Bromo dichloromethane	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
1,2 Dichloropropane	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
trans-1,3-Dichloropropene	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
Trichloroethene	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
Benzene	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
Dibromochloromethane	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
1,1,2-Trichloroethane	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01

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CLIENT: Central Hudson Gas & Electric
CLIENT'S SAMPLE ID: 12 (0-8)
AES sample #: 010208AW11
Samples taken by: T.Hauptfleisch
MATRIX: Soil
Date Sampled: 02/08/01
Date sample received: 02/09/01
Location: Little Britain composite

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
cis-1,3-Dichloropropene	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
2-Chloroethylvinylether	EPA-8260	<100	ug/kg	JF-BX-10	02/09/01
Bromoform	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
1,1,2,2-Tetrachloroethane	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
Tetrachloroethene	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
Toluene	EPA-8260	2200	ug/kg	JF-BX-10	02/09/01
Chlorobenzene	EPA-8260	<50	ug/kg	JF-BX-10	02/09/01
Ethylbenzene	EPA-8260	230	ug/kg	JF-BX-10	02/09/01
Xylenes,Total	EPA-8260	1000	ug/kg	JF-BX-10	02/09/01

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CLIENT: Central Hudson Gas & Electric
CLIENT'S SAMPLE ID: 13 (0-1.8)
AES sample #: 010208AW12
Samples taken by: T.Hauptfleisch
MATRIX: Soil
Date Sampled: 02/08/01
Date sample received: 02/09/01
Location: Little Britain composite

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Chloromethane	EPA-8260	<500	ug/kg	JF-BX-10	02/09/01
Bromomethane	EPA-8260	<500	ug/kg	JF-BX-10	02/09/01
Vinyl Chloride	EPA-8260	<500	ug/kg	JF-BX-10	02/09/01
Chloroethane	EPA-8260	<500	ug/kg	JF-BX-10	02/09/01
Methylene Chloride	EPA-8260	<250	ug/kg	JF-BX-10	02/09/01
Trichlorofluoromethane	EPA-8260	<250	ug/kg	JF-BX-10	02/09/01
1,1-Dichloroethene	EPA-8260	<250	ug/kg	JF-BX-10	02/09/01
1,1-Dichloroethane	EPA-8260	<250	ug/kg	JF-BX-10	02/09/01
1,2-Dichloroethene Total	EPA-8260	1300	ug/kg	JF-BX-10	02/09/01
Chloroform	EPA-8260	<250	ug/kg	JF-BX-10	02/09/01
1,2-Dichloroethane	EPA-8260	<250	ug/kg	JF-BX-10	02/09/01
1,1,1-Trichloroethane	EPA-8260	<250	ug/kg	JF-BX-10	02/09/01
Carbon Tetrachloride	EPA-8260	<250	ug/kg	JF-BX-10	02/09/01
Bromo dichloromethane	EPA-8260	<250	ug/kg	JF-BX-10	02/09/01
1,2 Dichloropropane	EPA-8260	<250	ug/kg	JF-BX-10	02/09/01
trans-1,3-Dichloropropene	EPA-8260	<250	ug/kg	JF-BX-10	02/09/01
Trichloroethene	EPA-8260	<250	ug/kg	JF-BX-10	02/09/01
Benzene	EPA-8260	<250	ug/kg	JF-BX-10	02/09/01
Dibromochloromethane	EPA-8260	<250	ug/kg	JF-BX-10	02/09/01
1,1,2-Trichloroethane	EPA-8260	<250	ug/kg	JF-BX-10	02/09/01

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CLIENT: Central Hudson Gas & Electric
CLIENT'S SAMPLE ID: 13 (0-1.8)
AES sample #: 010206AW12
Samples taken by: T.Hauptfleisch
MATRIX: Soil
Date Sampled: 02/08/01
Date sample received: 02/09/01
Location: Little Britain composite

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
cis-1,3-Dichloropropene	EPA-8260	<250	ug/kg	JF-BX-10	02/09/01
2-Chloroethylvinylether	EPA-8260	<500	ug/kg	JF-BX-10	02/09/01
Bromoform	EPA-8260	<250	ug/kg	JF-BX-10	02/09/01
1,1,2,2-Tetrachloroethane	EPA-8260	<250	ug/kg	JF-BX-10	02/09/01
Tetrachloroethene	EPA-8260	<250	ug/kg	JF-BX-10	02/09/01
Toluene	EPA-8260	1400	ug/kg	JF-BX-10	02/09/01
Chlorobenzene	EPA-8260	<250	ug/kg	JF-BX-10	02/09/01
Ethylbenzene	EPA-8260	2300	ug/kg	JF-BX-10	02/09/01
Xylenes,Total	EPA-8260	9500	ug/kg	JF-BX-10	02/09/01

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CLIENT: Central Hudson Gas & Electric
CLIENT'S SAMPLE ID: 14 (0-5.5)
AES sample #: 010206AW13 Samples taken by: T.Hauptfleisch Location: Little Britain
MATRIX: Soil composite

Date Sampled: 02/08/01
Date sample received: 02/09/01

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Chloromethane	EPA-8260	<10	ug/kg	JF-BX-10	02/09/01
Bromomethane	EPA-8260	<10	ug/kg	JF-BX-10	02/09/01
Vinyl Chloride	EPA-8260	<10	ug/kg	JF-BX-10	02/09/01
Chloroethane	EPA-8260	<10	ug/kg	JF-BX-10	02/09/01
Methylene Chloride	EPA-8260	<5	ug/kg	JF-BX-10	02/09/01
Trichlorofluoromethane	EPA-8260	<5	ug/kg	JF-BX-10	02/09/01
1,1-Dichloroethene	EPA-8260	<5	ug/kg	JF-BX-10	02/09/01
1,1-Dichloroethane	EPA-8260	<5	ug/kg	JF-BX-10	02/09/01
1,2-Dichloroethene Total	EPA-8260	<5	ug/kg	JF-BX-10	02/09/01
Chloroform	EPA-8260	<5	ug/kg	JF-BX-10	02/09/01
1,2-Dichloroethane	EPA-8260	<5	ug/kg	JF-BX-10	02/09/01
1,1,1-Trichloroethane	EPA-8260	<5	ug/kg	JF-BX-10	02/09/01
Carbon Tetrachloride	EPA-8260	<5	ug/kg	JF-BX-10	02/09/01
Bromo dichloromethane	EPA-8260	<5	ug/kg	JF-BX-10	02/09/01
1,2 Dichloropropane	EPA-8260	<5	ug/kg	JF-BX-10	02/09/01
trans-1,3-Dichloropropene	EPA-8260	<5	ug/kg	JF-BX-10	02/09/01
Trichloroethene	EPA-8260	<5	ug/kg	JF-BX-10	02/09/01
Benzene	EPA-8260	<5	ug/kg	JF-BX-10	02/09/01
Dibromochloromethane	EPA-8260	<5	ug/kg	JF-BX-10	02/09/01
1,1,2-Trichloroethane	EPA-8260	<5	ug/kg	JF-BX-10	02/09/01

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CLIENT: Central Hudson Gas & Electric — Date Sampled: 02/08/01
CLIENT'S SAMPLE ID: 14 (0-5.5) — Date sample received: 02/09/01
AES sample #: 010208AW13 — Samples taken by: T.Hauptfleisch — Location: Little Britain
MATRIX: Soil — composite

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
cis-1,3-Dichloropropene	EPA-8260	<5	ug/kg	JF-BX-10	02/09/01
2-Chloroethylvinylether	EPA-8260	<10	ug/kg	JF-BX-10	02/09/01
Bromoform	EPA-8260	<5	ug/kg	JF-BX-10	02/09/01
1,1,2,2-Tetrachloroethane	EPA-8260	<5	ug/kg	JF-BX-10	02/09/01
Tetrachloroethene	EPA-8260	<5	ug/kg	JF-BX-10	02/09/01
Toluene	EPA-8260	<5	ug/kg	JF-BX-10	02/09/01
Chlorobenzene	EPA-8260	<5	ug/kg	JF-BX-10	02/09/01
Ethylbenzene	EPA-8260	<5	ug/kg	JF-BX-10	02/09/01
Xylenes,Total	EPA-8260	<5	ug/kg	JF-BX-10	02/09/01

APPROVED BY: _____
Report date: 02/12/01

Attachment 2-2

Perimeter Verification Soil Samples

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 12/08/00

Blasland, Bouck & Lee, Inc.
Project Reference: CHGE LITTLE BRITAIN ROAD
Client Sample ID : CHAR-5 (4-7.7)

Date Sampled : 11/30/00 12:00 **Order #:** 428046 **Sample Matrix:** SOIL/SEDIMEN
Date Received: 12/01/00 **Submission #:** R2004935 **Percent Solid:** 86.3

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 12/05/00			
ANALYTICAL DILUTION: 1.00			Dry Weight
ACETONE	20	23 U	UG/KG
BENZENE	5.0	5.8 U	UG/KG
BROMODICHLOROMETHANE	5.0	5.8 U	UG/KG
BROMOFORM	5.0	5.8 U	UG/KG
BROMOMETHANE	5.0	5.8 U	UG/KG
2-BUTANONE (MEK)	10	12 U	UG/KG
CARBON DISULFIDE	10	12 U	UG/KG
CARBON TETRACHLORIDE	5.0	5.8 U	UG/KG
CHLOROBENZENE	5.0	5.8 U	UG/KG
CHLOROETHANE	5.0	5.8 U	UG/KG
CHLOROFORM	5.0	5.8 U	UG/KG
CHLOROMETHANE	5.0	5.8 U	UG/KG
IBROMOCHLOROMETHANE	5.0	5.8 U	UG/KG
,1-DICHLOROETHANE	5.0	5.8 U	UG/KG
,2-DICHLOROETHANE	5.0	5.8 U	UG/KG
1,1-DICHLOROETHENE	5.0	5.8 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	25	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	5.8 U	UG/KG
1,2-DICHLOROPROPANE	5.0	5.8 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	5.8 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	5.8 U	UG/KG
ETHYLBENZENE	5.0	5.8 U	UG/KG
2-HEXANONE	10	12 U	UG/KG
METHYLENE CHLORIDE	5.0	5.8 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	12 U	UG/KG
STYRENE	5.0	5.8 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	5.8 U	UG/KG
TETRACHLOROETHENE	5.0	5.8 U	UG/KG
TOLUENE	5.0	5.8 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	5.8 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	5.8 U	UG/KG
TRICHLOROETHENE	5.0	5.8 U	UG/KG
VINYL CHLORIDE	5.0	5.8 U	UG/KG
O-XYLENE	5.0	5.8 U	UG/KG
M+P-XYLENE	5.0	5.8 U	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
-BROMOFLUOROBENZENE	(74 - 121 %)	97	%
OLUENE-D8	(81 - 117 %)	101	%
DIBROMOFLUOROMETHANE	(80 - 120 %)	101	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 12/15/00

Blasland, Bouck & Lee, Inc.
Project Reference: CHGE LITTLE BRITAIN ROAD
Client Sample ID : VER-1 (4-7)

Date Sampled : 11/29/00 10:05 Order #: 428054 Sample Matrix: SOIL/SEDIMENT
Date Received: 12/01/00 Submission #: R2004936 Percent Solid: 86.9

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 12/07/00			
ANALYTICAL DILUTION: 1.00			Dry Weight
ACETONE	20	23 U	UG/KG
BENZENE	5.0	5.8 U	UG/KG
BROMODICHLOROMETHANE	5.0	5.8 U	UG/KG
BROMOFORM	5.0	5.8 U	UG/KG
BROMOMETHANE	5.0	5.8 U	UG/KG
2-BUTANONE (MEK)	10	12 U	UG/KG
CARBON DISULFIDE	10	12 U	UG/KG
CARBON TETRACHLORIDE	5.0	5.8 U	UG/KG
CHLOROBENZENE	5.0	5.8 U	UG/KG
CHLOROETHANE	5.0	5.8 U	UG/KG
CHLOROFORM	5.0	5.8 U	UG/KG
CHLOROMETHANE	5.0	5.8 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	5.8 U	UG/KG
1,1-DICHLOROETHANE	5.0	5.8 U	UG/KG
1,2-DICHLOROETHANE	5.0	5.8 U	UG/KG
1,1-DICHLOROETHENE	5.0	29	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	5.8 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	5.8 U	UG/KG
1,2-DICHLOROPROPANE	5.0	5.8 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	5.8 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	5.8 U	UG/KG
ETHYLBENZENE	10	12 U	UG/KG
2-HEXANONE	5.0	5.8 U	UG/KG
METHYLENE CHLORIDE	10	12 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	5.0	5.8 U	UG/KG
STYRENE	5.0	5.8 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	5.8 U	UG/KG
TETRACHLOROETHENE	5.0	5.8 U	UG/KG
TOLUENE	5.0	5.8 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	5.8 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	38	UG/KG
TRICHLOROETHENE	5.0	5.8 U	UG/KG
VINYL CHLORIDE	5.0	5.8 U	UG/KG
O-XYLENE	5.0	5.8 U	UG/KG
M+P-XYLENE			

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(74 - 121 %)	95	%
TOLUENE-D8	(81 - 117 %)	101	%
DIBROMOFLUOROMETHANE	(80 - 120 %)	96	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 12/15/00

Blasland, Bouck & Lee, Inc.
Project Reference: CHGE LITTLE BRITAIN ROAD
Client Sample ID : VER-2 (0-2.5)

Date Sampled : 11/29/00 11:30 Order #: 428055 Sample Matrix: SOIL/SEDIMENT
Date Received: 12/01/00 Submission #: R2004936 Percent Solid: 86.5

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 12/08/00			
ANALYTICAL DILUTION: 2.00			Dry Weight
ACETONE	20	46 U	UG/KG
BENZENE	5.0	12 U	UG/KG
BROMODICHLOROMETHANE	5.0	12 U	UG/KG
BROMOFORM	5.0	12 U	UG/KG
BROMOMETHANE	5.0	12 U	UG/KG
2-BUTANONE (MEK)	10	23 U	UG/KG
CARBON DISULFIDE	10	23 U	UG/KG
CARBON TETRACHLORIDE	5.0	12 U	UG/KG
CHLOROBENZENE	5.0	12 U	UG/KG
CHLOROETHANE	5.0	12 U	UG/KG
CHLOROFORM	5.0	12 U	UG/KG
CHLOROMETHANE	5.0	12 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	12 U	UG/KG
1,1-DICHLOROETHANE	5.0	12 U	UG/KG
1,2-DICHLOROETHANE	5.0	12 U	UG/KG
1,1-DICHLOROETHENE	5.0	12 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	12 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	12 U	UG/KG
1,2-DICHLOROPROPANE	5.0	12 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	12 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	12 U	UG/KG
ETHYLBENZENE	10	23 U	UG/KG
2-HEXANONE	5.0	12 U	UG/KG
METHYLENE CHLORIDE	10	23 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	5.0	12 U	UG/KG
STYRENE	5.0	12 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	12 U	UG/KG
TETRACHLOROETHENE	5.0	12 U	UG/KG
TOLUENE	5.0	12 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	12 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	12 U	UG/KG
TRICHLOROETHENE	5.0	12 U	UG/KG
VINYL CHLORIDE	5.0	12 U	UG/KG
O-XYLENE	5.0	12 U	UG/KG
M-P-XYLENE			

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(74 - 121 %)	78	%
TOLUENE-D8	(81 - 117 %)	96	%
DIBROMOFLUOROMETHANE	(80 - 120 %)	102	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 12/15/00

Blasland, Bouck & Lee, Inc.
Project Reference: CHGE LITTLE BRITAIN ROAD
Client Sample ID : VER-3 (0-3.3)

Date Sampled : 11/29/00 11:50 Order #: 428056 Sample Matrix: SOIL/SEDIMENT
Date Received: 12/01/00 Submission #: R2004936 Percent Solid: 87.7

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 12/07/00			
ANALYTICAL DILUTION: 1.00			Dry Weight
ACETONE	20	91	UG/KG
BENZENE	5.0	5.7 U	UG/KG
BROMODICHLOROMETHANE	5.0	5.7 U	UG/KG
BROMOFORM	5.0	5.7 U	UG/KG
BROMOMETHANE	5.0	5.7 U	UG/KG
2-BUTANONE (MEK)	10	11	UG/KG
CARBON DISULFIDE	10	11 U	UG/KG
CARBON TETRACHLORIDE	5.0	5.7 U	UG/KG
CHLOROBENZENE	5.0	5.7 U	UG/KG
CHLOROETHANE	5.0	5.7 U	UG/KG
CHLOROFORM	5.0	5.7 U	UG/KG
CHLOROMETHANE	5.0	5.7 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	5.7 U	UG/KG
1,1-DICHLOROETHANE	5.0	5.7 U	UG/KG
1,2-DICHLOROETHANE	5.0	5.7 U	UG/KG
1,1-DICHLOROETHENE	5.0	5.7 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	5.7 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	5.7 U	UG/KG
1,2-DICHLOROPROPANE	5.0	5.7 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	5.7 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	5.7 U	UG/KG
ETHYLBENZENE	10	11 U	UG/KG
2-HEXANONE	5.0	5.7 U	UG/KG
METHYLENE CHLORIDE	10	11 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	5.0	5.7 U	UG/KG
STYRENE	5.0	5.7 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	5.7 U	UG/KG
TETRACHLOROETHENE	5.0	6.8	UG/KG
TOLUENE	5.0	5.7 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	5.7 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	5.7 U	UG/KG
TRICHLOROETHENE	5.0	5.7 U	UG/KG
VINYL CHLORIDE	5.0	5.7 U	UG/KG
O-XYLENE	5.0	5.7 U	UG/KG
M-P-XYLENE			

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(74 - 121 %)	97	%
TOLUENE-D8	(81 - 117 %)	103	%
DIBROMOFLUOROMETHANE	(80 - 120 %)	100	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 12/15/00

Blasland, Bouck & Lee, Inc.
Project Reference: CHGE LITTLE BRITAIN ROAD
Client Sample ID : VER-4 (4-8)

Date Sampled : 11/30/00 15:15 Order #: 428065 Sample Matrix: SOIL/SEDIMENT
Date Received: 12/01/00 Submission #: R2004936 Percent Solid: 89.1

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 12/08/00			
ANALYTICAL DILUTION: 1.00			Dry Weight
ACETONE	20	36	UG/KG
BENZENE	5.0	5.6 U	UG/KG
BROMODICHLOROMETHANE	5.0	5.6 U	UG/KG
BROMOFORM	5.0	5.6 U	UG/KG
BROMOMETHANE	5.0	5.6 U	UG/KG
2-BUTANONE (MEK)	10	11 U	UG/KG
CARBON DISULFIDE	10	11 U	UG/KG
CARBON TETRACHLORIDE	5.0	5.6 U	UG/KG
CHLOROBENZENE	5.0	5.6 U	UG/KG
CHLOROETHANE	5.0	5.6 U	UG/KG
CHLOROFORM	5.0	5.6 U	UG/KG
CHLOROMETHANE	5.0	5.6 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	5.6 U	UG/KG
1,1-DICHLOROETHANE	5.0	5.6 U	UG/KG
1,2-DICHLOROETHANE	5.0	5.6 U	UG/KG
1,1-DICHLOROETHENE	5.0	5.6 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	21	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	5.6 U	UG/KG
1,2-DICHLOROPROPANE	5.0	5.6 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	5.6 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	5.6 U	UG/KG
ETHYLBENZENE	5.0	5.6 U	UG/KG
2-HEXANONE	10	11 U	UG/KG
METHYLENE CHLORIDE	5.0	5.6 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	11 U	UG/KG
STYRENE	5.0	5.6 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	5.6 U	UG/KG
TETRACHLOROETHENE	5.0	5.6 U	UG/KG
TOLUENE	5.0	31	UG/KG
1,1,1-TRICHLOROETHANE	5.0	5.6 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	5.6 U	UG/KG
TRICHLOROETHENE	5.0	13	UG/KG
VINYL CHLORIDE	5.0	5.6 U	UG/KG
O-XYLENE	5.0	5.6 U	UG/KG
M+P-XYLENE	5.0	5.6 U	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(74 - 121 %)	96	%
TOLUENE-D8	(81 - 117 %)	103	%
DIBROMOFLUOROMETHANE	(80 - 120 %)	100	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 12/15/00

Blasland, Bouck & Lee, Inc.
Project Reference: CHGE LITTLE BRITAIN ROAD
Client Sample ID : VER-5 (4-7.2)

Date Sampled : 11/29/00 12:45 Order #: 428057 Sample Matrix: SOIL/SEDIMENT
Date Received: 12/01/00 Submission #: R2004936 Percent Solid: 84.3

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 12/07/00			
ANALYTICAL DILUTION: 1.00			Dry Weight
ACETONE	20	24 U	UG/KG
BENZENE	5.0	5.9 U	UG/KG
BROMODICHLOROMETHANE	5.0	5.9 U	UG/KG
BROMOFORM	5.0	5.9 U	UG/KG
BROMOMETHANE	5.0	5.9 U	UG/KG
2-BUTANONE (MEK)	10	12 U	UG/KG
CARBON DISULFIDE	10	12 U	UG/KG
CARBON TETRACHLORIDE	5.0	5.9 U	UG/KG
CHLOROBENZENE	5.0	5.9 U	UG/KG
CHLOROETHANE	5.0	5.9 U	UG/KG
CHLOROFORM	5.0	5.9 U	UG/KG
CHLOROMETHANE	5.0	5.9 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	5.9 U	UG/KG
1,1-DICHLOROETHANE	5.0	5.9 U	UG/KG
1,2-DICHLOROETHANE	5.0	5.9 U	UG/KG
1,1-DICHLOROETHENE	5.0	5.9 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	5.9 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	5.9 U	UG/KG
1,2-DICHLOROPROPANE	5.0	5.9 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	5.9 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	5.9 U	UG/KG
ETHYLBENZENE	5.0	5.9 U	UG/KG
2-HEXANONE	10	12 U	UG/KG
METHYLENE CHLORIDE	5.0	5.9 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	12 U	UG/KG
STYRENE	5.0	5.9 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	5.9 U	UG/KG
TETRACHLOROETHENE	5.0	5.9 U	UG/KG
TOLUENE	5.0	5.9 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	5.9 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	5.9 U	UG/KG
TRICHLOROETHENE	5.0	5.9 U	UG/KG
VINYL CHLORIDE	5.0	5.9 U	UG/KG
O-XYLENE	5.0	5.9 U	UG/KG
M+P-XYLENE	5.0	5.9 U	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(74 - 121 %)	110	%
TOLUENE-D8	(81 - 117 %)	105	%
DIBROMOFLUOROMETHANE	(80 - 120 %)	99	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 12/15/00

Blasland, Bouck & Lee, Inc.
Project Reference: CHGE LITTLE BRITAIN ROAD
Client Sample ID : VER-6 (4-7.3)

Date Sampled : 11/29/00 13:05 Order #: 428058 Sample Matrix: SOIL/SEDIMEN
Date Received: 12/01/00 Submission #: R2004936 Percent Solid: 83.2

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 12/08/00			
ANALYTICAL DILUTION: 1.00			Dry Weight
ACETONE	20	24 U	UG/KG
BENZENE	5.0	6.0 U	UG/KG
BROMODICHLOROMETHANE	5.0	6.0 U	UG/KG
BROMOFORM	5.0	6.0 U	UG/KG
BROMOMETHANE	5.0	6.0 U	UG/KG
2-BUTANONE (MEK)	10	12 U	UG/KG
CARBON DISULFIDE	10	12 U	UG/KG
CARBON TETRACHLORIDE	5.0	6.0 U	UG/KG
CHLOROBENZENE	5.0	6.0 U	UG/KG
CHLOROETHANE	5.0	6.0 U	UG/KG
CHLOROFORM	5.0	6.0 U	UG/KG
CHLOROMETHANE	5.0	6.0 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	6.0 U	UG/KG
1,1-DICHLOROETHANE	5.0	6.0 U	UG/KG
1,2-DICHLOROETHANE	5.0	6.0 U	UG/KG
1,1-DICHLOROETHENE	5.0	6.0 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	6.0 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	6.0 U	UG/KG
1,2-DICHLOROPROPANE	5.0	6.0 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	6.0 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	6.0 U	UG/KG
ETHYLBENZENE	5.0	6.0 U	UG/KG
2-HEXANONE	10	12 U	UG/KG
METHYLENE CHLORIDE	5.0	6.0 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	12 U	UG/KG
STYRENE	5.0	6.0 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	6.0 U	UG/KG
TETRACHLOROETHENE	5.0	6.0 U	UG/KG
TOLUENE	5.0	6.0 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	6.0 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	6.0 U	UG/KG
TRICHLOROETHENE	5.0	6.0 U	UG/KG
VINYL CHLORIDE	5.0	6.0 U	UG/KG
O-XYLENE	5.0	6.0 U	UG/KG
M-P-XYLENE	5.0	6.0 U	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(74 - 121 %)	113	%
TOLUENE-D8	(81 - 117 %)	105	%
DIBROMOFLUOROMETHANE	(80 - 120 %)	103	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 12/15/00

Blasland, Bouck & Lee, Inc.
Project Reference: CHGE LITTLE BRITAIN ROAD
Client Sample ID : VER-7 (0-4)

Date Sampled : 11/29/00 13:30 **Order #:** 428059 **Sample Matrix:** SOIL/SEDIMEN
Date Received: 12/01/00 **Submission #:** R2004936 **Percent Solid:** 86.9

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 12/08/00			
ANALYTICAL DILUTION: 1.00	-		Dry Weight
ACETONE	20	23 U	UG/KG
BENZENE	5.0	5.8 U	UG/KG
BROMODICHLOROMETHANE	5.0	5.8 U	UG/KG
BROMOFORM	5.0	5.8 U	UG/KG
BROMOMETHANE	5.0	5.8 U	UG/KG
2-BUTANONE (MEK)	10	12 U	UG/KG
CARBON DISULFIDE	10	12 U	UG/KG
CARBON TETRACHLORIDE	5.0	5.8 U	UG/KG
CHLOROBENZENE	5.0	5.8 U	UG/KG
CHLOROETHANE	5.0	5.8 U	UG/KG
CHLOROFORM	5.0	5.8 U	UG/KG
CHLOROMETHANE	5.0	5.8 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	5.8 U	UG/KG
1,1-DICHLOROETHANE	5.0	5.8 U	UG/KG
1,2-DICHLOROETHANE	5.0	5.8 U	UG/KG
1,1-DICHLOROETHENE	5.0	5.8 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	5.8 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	5.8 U	UG/KG
1,2-DICHLOROPROPANE	5.0	5.8 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	5.8 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	5.8 U	UG/KG
ETHYLBENZENE	10	12 U	UG/KG
2-HEXANONE	5.0	5.8 U	UG/KG
METHYLENE CHLORIDE	10	12 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	5.0	5.8 U	UG/KG
STYRENE	5.0	5.8 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	5.8 U	UG/KG
TETRACHLOROETHENE	5.0	5.8 U	UG/KG
TOLUENE	5.0	5.8 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	5.8 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	5.8 U	UG/KG
TRICHLOROETHENE	5.0	5.8 U	UG/KG
VINYL CHLORIDE	5.0	5.8 U	UG/KG
O-XYLENE	5.0	5.8 U	UG/KG
M-P-XYLENE	5.0	5.8 U	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(74 - 121 %)	111	%
TOLUENE-D8	(81 - 117 %)	105	%
DIBROMOFLUOROMETHANE	(80 - 120 %)	101	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 12/15/00

Blasland, Bouck & Lee, Inc.
Project Reference: CHGE LITTLE BRITAIN ROAD
Client Sample ID : VER-8 (4-8)

Date Sampled : 11/29/00 14:45 Order #: 428061 Sample Matrix: SOIL/SEDIMENT
Date Received: 12/01/00 Submission #: R2004936 Percent Solid: 85.3

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 12/08/00			
ANALYTICAL DILUTION: 5.00			Dry Weight
ACETONE	20	120 U	UG/KG
BENZENE	5.0	29 U	UG/KG
BROMODICHLOROMETHANE	5.0	29 U	UG/KG
BROMOFORM	5.0	29 U	UG/KG
BROMOMETHANE	5.0	29 U	UG/KG
2-BUTANONE (MEK)	10	59 U	UG/KG
CARBON DISULFIDE	10	59 U	UG/KG
CARBON TETRACHLORIDE	5.0	29 U	UG/KG
CHLOROBENZENE	5.0	29 U	UG/KG
CHLOROETHANE	5.0	29 U	UG/KG
CHLOROFORM	5.0	29 U	UG/KG
CHLOROMETHANE	5.0	29 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	29 U	UG/KG
1,1-DICHLOROETHANE	5.0	29 U	UG/KG
1,2-DICHLOROETHANE	5.0	29 U	UG/KG
1,1-DICHLOROETHENE	5.0	29 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	29 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	29 U	UG/KG
1,2-DICHLOROPROPANE	5.0	29 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	29 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	29 U	UG/KG
ETHYLBENZENE	5.0	29 U	UG/KG
2-HEXANONE	10	59 U	UG/KG
METHYLENE CHLORIDE	5.0	29 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	59 U	UG/KG
STYRENE	5.0	29 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	29 U	UG/KG
TETRACHLOROETHENE	5.0	29 U	UG/KG
TOLUENE	5.0	29 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	29 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	29 U	UG/KG
TRICHLOROETHENE	5.0	29 U	UG/KG
VINYL CHLORIDE	5.0	29 U	UG/KG
O-XYLENE	5.0	29 U	UG/KG
M+P-XYLENE	5.0	29 U	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(74 - 121 %)	89	%
TOLUENE-D8	(81 - 117 %)	100	%
DIBROMOFLUOROMETHANE	(80 - 120 %)	98	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 12/15/00

Blasland, Bouck & Lee, Inc.
Project Reference: CHGE LITTLE BRITAIN ROAD
Client Sample ID : VER-9 (4-8)

Date Sampled : 11/29/00 16:10 Order #: 428062 Sample Matrix: SOIL/SEDIMENT
Date Received: 12/01/00 Submission #: R2004936 Percent Solid: 86.9

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 12/08/00			
ANALYTICAL DILUTION: 1.00			Dry Weight
ACETONE	20	23 U	UG/KG
BENZENE	5.0	5.8 U	UG/KG
BROMODICHLOROMETHANE	5.0	5.8 U	UG/KG
BROMOFORM	5.0	5.8 U	UG/KG
BROMOMETHANE	5.0	5.8 U	UG/KG
2-BUTANONE (MEK)	10	12 U	UG/KG
CARBON DISULFIDE	10	12 U	UG/KG
CARBON TETRACHLORIDE	5.0	5.8 U	UG/KG
CHLOROBENZENE	5.0	5.8 U	UG/KG
CHLOROETHANE	5.0	5.8 U	UG/KG
CHLOROFORM	5.0	5.8 U	UG/KG
CHLOROMETHANE	5.0	5.8 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	5.8 U	UG/KG
1,1-DICHLOROETHANE	5.0	5.8 U	UG/KG
1,2-DICHLOROETHANE	5.0	5.8 U	UG/KG
1,1-DICHLOROETHENE	5.0	5.8 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	5.8 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	5.8 U	UG/KG
1,2-DICHLOROPROPANE	5.0	5.8 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	5.8 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	5.8 U	UG/KG
ETHYLBENZENE	5.0	5.8 U	UG/KG
2-HEXANONE	10	12 U	UG/KG
METHYLENE CHLORIDE	5.0	5.8 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	12 U	UG/KG
STYRENE	5.0	5.8 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	5.8 U	UG/KG
TETRACHLOROETHENE	5.0	5.8 U	UG/KG
TOLUENE	5.0	5.8 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	5.8 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	5.8 U	UG/KG
TRICHLOROETHENE	5.0	6.2	UG/KG
VINYL CHLORIDE	5.0	5.8 U	UG/KG
O-XYLENE	5.0	5.8 U	UG/KG
M+P-XYLENE	5.0	5.8 U	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(74 - 121 %)	108	%
TOLUENE-D8	(81 - 117 %)	105	%
DIBROMOFLUOROMETHANE	(80 - 120 %)	100	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 12/15/00

Blasland, Bouck & Lee, Inc.
Project Reference: CHGE LITTLE BRITAIN ROAD
Client Sample ID : VER-10 (4-5)

Date Sampled : 11/29/00 16:40 Order #: 428063 Sample Matrix: SOIL/SEDIMENT
Date Received: 12/01/00 Submission #: R2004936 Percent Solid: 87.1

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 12/08/00			
ANALYTICAL DILUTION: 1.00			Dry Weight
ACETONE	20	23 U	UG/KG
BENZENE	5.0	5.7 U	UG/KG
BROMODICHLOROMETHANE	5.0	5.7 U	UG/KG
BROMOFORM	5.0	5.7 U	UG/KG
BROMOMETHANE	5.0	5.7 U	UG/KG
2-BUTANONE (MEK)	10	11 U	UG/KG
CARBON DISULFIDE	10	11 U	UG/KG
CARBON TETRACHLORIDE	5.0	5.7 U	UG/KG
CHLOROBENZENE	5.0	5.7 U	UG/KG
CHLOROETHANE	5.0	5.7 U	UG/KG
CHLOROFORM	5.0	5.7 U	UG/KG
CHLOROMETHANE	5.0	5.7 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	5.7 U	UG/KG
1,1-DICHLOROETHANE	5.0	5.7 U	UG/KG
1,2-DICHLOROETHANE	5.0	5.7 U	UG/KG
1,1-DICHLOROETHENE	5.0	5.7 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	6.5	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	5.7 U	UG/KG
1,2-DICHLOROPROPANE	5.0	5.7 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	5.7 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	5.7 U	UG/KG
ETHYLBENZENE	5.0	5.7 U	UG/KG
2-HEXANONE	10	11 U	UG/KG
METHYLENE CHLORIDE	5.0	5.7 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	11 U	UG/KG
STYRENE	5.0	5.7 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	5.7 U	UG/KG
TETRACHLOROETHENE	5.0	5.7 U	UG/KG
TOLUENE	5.0	5.7 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	5.7 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	5.7 U	UG/KG
TRICHLOROETHENE	5.0	14	UG/KG
VINYL CHLORIDE	5.0	5.7 U	UG/KG
O-XYLENE	5.0	5.7 U	UG/KG
M-P-XYLENE	5.0	5.7 U	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(74 - 121 %)	108	%
TOLUENE-D8	(81 - 117 %)	104	%
DIBROMOFLUOROMETHANE	(80 - 120 %)	99	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 12/15/00

Blasland, Bouck & Lee, Inc.
Project Reference: CHGE LITTLE BRITAIN ROAD
Client Sample ID : VER-11 (0-4)

Date Sampled : 11/30/00 13:25 Order #: 428064 Sample Matrix: SOIL/SEDIMENT
Date Received: 12/01/00 Submission #: R2004936 Percent Solid: 82.7

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 12/08/00			
ANALYTICAL DILUTION: 1.00			Dry Weight
ACETONE	20	110	UG/KG
BENZENE	5.0	6.0 U	UG/KG
BROMODICHLOROMETHANE	5.0	6.0 U	UG/KG
BROMOFORM	5.0	6.0 U	UG/KG
BROMOMETHANE	5.0	6.0 U	UG/KG
2-BUTANONE (MEK)	10	22	UG/KG
CARBON DISULFIDE	10	12 U	UG/KG
CARBON TETRACHLORIDE	5.0	6.0 U	UG/KG
CHLOROBENZENE	5.0	6.0 U	UG/KG
CHLOROETHANE	5.0	6.0 U	UG/KG
CHLOROFORM	5.0	6.0 U	UG/KG
CHLOROMETHANE	5.0	6.0 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	6.0 U	UG/KG
1,1-DICHLOROETHANE	5.0	6.0 U	UG/KG
1,2-DICHLOROETHANE	5.0	6.0 U	UG/KG
1,1-DICHLOROETHENE	5.0	6.0 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	25	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	6.0 U	UG/KG
1,2-DICHLOROPROPANE	5.0	6.0 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	6.0 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	6.0 U	UG/KG
ETHYLBENZENE	5.0	6.0 U	UG/KG
2-HEXANONE	10	12 U	UG/KG
METHYLENE CHLORIDE	5.0	6.0 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	12 U	UG/KG
STYRENE	5.0	6.0 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	6.0 U	UG/KG
TETRACHLOROETHENE	5.0	6.0 U	UG/KG
TOLUENE	5.0	41	UG/KG
1,1,1-TRICHLOROETHANE	5.0	6.0 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	6.0 U	UG/KG
TRICHLOROETHENE	5.0	10	UG/KG
VINYL CHLORIDE	5.0	6.0 U	UG/KG
O-XYLENE	5.0	6.0 U	UG/KG
M-P-XYLENE	5.0	6.0 U	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(74 - 121 %)	65 *	%
TOLUENE-D8	(81 - 117 %)	92	%
DIBROMOFLUOROMETHANE	(80 - 120 %)	102	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 12/15/00

Blasland, Bouck & Lee, Inc.
Project Reference: CHGE LITTLE BRITAIN ROAD
Client Sample ID : VER-11 (0-4)

Date Sampled : 11/30/00 13:25 Order #: 428064 Sample Matrix: SOIL/SEDIMENT
Date Received: 12/01/00 Submission #: R2004936 Percent Solid: 82.7

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 12/11/00			
ANALYTICAL DILUTION: 5.00			Dry Weight
ACETONE	20	120 U	UG/KG
BENZENE	5.0	30 U	UG/KG
BROMODICHLOROMETHANE	5.0	30 U	UG/KG
BROMOFORM	5.0	30 U	UG/KG
BROMOMETHANE	5.0	30 U	UG/KG
2-BUTANONE (MEK)	10	60 U	UG/KG
CARBON DISULFIDE	10	60 U	UG/KG
CARBON TETRACHLORIDE	5.0	30 U	UG/KG
CHLOROBENZENE	5.0	30 U	UG/KG
CHLOROETHANE	5.0	30 U	UG/KG
CHLOROFORM	5.0	30 U	UG/KG
CHLOROMETHANE	5.0	30 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	30 U	UG/KG
1,1-DICHLOROETHANE	5.0	30 U	UG/KG
1,2-DICHLOROETHANE	5.0	30 U	UG/KG
1,1-DICHLOROETHENE	5.0	30 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	30 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	30 U	UG/KG
1,2-DICHLOROPROPANE	5.0	30 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	30 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	30 U	UG/KG
ETHYLBENZENE	5.0	30 U	UG/KG
2-HEXANONE	10	60 U	UG/KG
METHYLENE CHLORIDE	5.0	30 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	60 U	UG/KG
STYRENE	5.0	30 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	30 U	UG/KG
TETRACHLOROETHENE	5.0	30 U	UG/KG
TOLUENE	5.0	150	UG/KG
1,1,1-TRICHLOROETHANE	5.0	30 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	30 U	UG/KG
TRICHLOROETHENE	5.0	30	UG/KG
VINYL CHLORIDE	5.0	30 U	UG/KG
O-XYLENE	5.0	30 U	UG/KG
M+P-XYLENE	5.0	30 U	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(74 - 121 %)	87	%
TOLUENE-D8	(81 - 117 %)	96	%
DIBROMOFLUOROMETHANE	(80 - 120 %)	104	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 12/15/00

Blasland, Bouck & Lee, Inc.
Project Reference: CHGE LITTLE BRITAIN ROAD
Client Sample ID : VER-12 (4-8)

Date Sampled : 11/30/00 15:55 Order #: 428066 Sample Matrix: SOIL/SEDIMEN
Date Received: 12/01/00 Submission #: R2004936 Percent Solid: 88.5

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 12/07/00			
ANALYTICAL DILUTION: 1.00			Dry Weight
ACETONE	20	23 U	UG/KG
BENZENE	5.0	5.6 U	UG/KG
BROMODICHLOROMETHANE	5.0	5.6 U	UG/KG
BROMOFORM	5.0	5.6 U	UG/KG
BROMOMETHANE	5.0	5.6 U	UG/KG
2-BUTANONE (MEK)	10	11 U	UG/KG
CARBON DISULFIDE	10	11 U	UG/KG
CARBON TETRACHLORIDE	5.0	5.6 U	UG/KG
CHLOROBENZENE	5.0	5.6 U	UG/KG
CHLOROETHANE	5.0	5.6 U	UG/KG
CHLOROFORM	5.0	5.6 U	UG/KG
CHLOROMETHANE	5.0	5.6 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	5.6 U	UG/KG
1,1-DICHLOROETHANE	5.0	5.6 U	UG/KG
1,2-DICHLOROETHANE	5.0	5.6 U	UG/KG
1,1-DICHLOROETHENE	5.0	5.6 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	5.6 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	5.6 U	UG/KG
1,2-DICHLOROPROPANE	5.0	5.6 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	5.6 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	5.6 U	UG/KG
ETHYLBENZENE	5.0	5.6 U	UG/KG
2-HEXANONE	10	11 U	UG/KG
METHYLENE CHLORIDE	5.0	5.6 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	11 U	UG/KG
STYRENE	5.0	5.6 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	5.6 U	UG/KG
TETRACHLOROETHENE	5.0	5.6 U	UG/KG
TOLUENE	5.0	11	UG/KG
1,1,1-TRICHLOROETHANE	5.0	5.6 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	5.6 U	UG/KG
TRICHLOROETHENE	5.0	5.6 U	UG/KG
VINYL CHLORIDE	5.0	5.6 U	UG/KG
O-XYLENE	5.0	5.6 U	UG/KG
M+P-XYLENE	5.0	5.6 U	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(74 - 121 %)	106	%
TOLUENE-D8	(81 - 117 %)	104	%
DIBROMOFLUOROMETHANE	(80 - 120 %)	99	%

Attachment 2-3

Pre-Remediation Groundwater Samples

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 12/15/00

Blasland, Bouck & Lee, Inc.
Project Reference: CHGE LITTLE BRITAIN ROAD
Client Sample ID : CHAR-3

Date Sampled : 11/30/00 14:35 Order #: 428072 Sample Matrix: WATER
Date Received: 12/01/00 Submission #: R2004937 Analytical Run 58848

DATE ANALYZED : 12/08/00
ANALYTICAL DILUTION: 1.00

ANALYTE	PQL	RESULT	UNITS
ACETONE	20	8.9 J	UG/L
BENZENE	5.0	3.1 J	UG/L
BROMODICHLOROMETHANE	5.0	5.0 U	UG/L
BROMOFORM	5.0	5.0 U	UG/L
BROMOMETHANE	5.0	5.0 U	UG/L
2-BUTANONE (MEK)	10	10 U	UG/L
CARBON DISULFIDE	10	10 U	UG/L
CARBON TETRACHLORIDE	5.0	5.0 U	UG/L
CHLOROBENZENE	5.0	5.0 U	UG/L
CHLOROETHANE	5.0	5.0 U	UG/L
CHLOROFORM	5.0	5.0 U	UG/L
CHLOROMETHANE	5.0	5.0 U	UG/L
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHANE	5.0	5.0 U	UG/L
1,2-DICHLOROETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHENE	5.0	96	UG/L
CIS-1,2-DICHLOROETHENE	5.0	7600 E	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	180	UG/L
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
ETHYLBENZENE	5.0	140	UG/L
2-HEXANONE	10	10 U	UG/L
METHYLENE CHLORIDE	5.0	5.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	4.6 J	UG/L
STYRENE	5.0	5.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	2.2 J	UG/L
TETRACHLOROETHENE	5.0	110	UG/L
TOLUENE	5.0	1100 E	UG/L
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	50	UG/L
TRICHLOROETHENE	5.0	15000 E	UG/L
VINYL CHLORIDE	5.0	960 E	UG/L
O-XYLENE	5.0	170	UG/L
M+P-XYLENE	5.0	480 E	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(86 - 115 %)	91	%
TOLUENE-D8	(88 - 110 %)	96	%
DIBROMOFLUOROMETHANE	(86 - 118 %)	79 *	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 12/15/00

Blasland, Bouck & Lee, Inc.
Project Reference: CHGE LITTLE BRITAIN ROAD
Client Sample ID : CHAR-3

Date Sampled : 11/30/00 14:35 Order #: 428072 Sample Matrix: WATER
Date Received: 12/01/00 Submission #: R2004937 Analytical Run 0

DATE ANALYZED : 12/15/00
ANALYTICAL DILUTION: 500.00

ANALYTE	PQL	RESULT	UNITS
ACETONE	20	10000 U	UG/L
BENZENE	5.0	2500 U	UG/L
BROMODICHLOROMETHANE	5.0	2500 U	UG/L
BROMOFORM	5.0	2500 U	UG/L
BROMOMETHANE	5.0	2500 U	UG/L
2-BUTANONE (MEK)	10	5000 U	UG/L
CARBON DISULFIDE	10	5000 U	UG/L
CARBON TETRACHLORIDE	5.0	2500 U	UG/L
CHLOROBENZENE	5.0	2500 U	UG/L
CHLOROETHANE	5.0	2500 U	UG/L
CHLOROFORM	5.0	2500 U	UG/L
CHLOROMETHANE	5.0	2500 U	UG/L
DIBROMOCHLOROMETHANE	5.0	2500 U	UG/L
1,1-DICHLOROETHANE	5.0	2500 U	UG/L
1,2-DICHLOROETHANE	5.0	2500 U	UG/L
1,1-DICHLOROETHENE	5.0	2500 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	25000	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	2500 U	UG/L
1,2-DICHLOROPROPANE	5.0	2500 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	2500 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	2500 U	UG/L
ETHYLBENZENE	5.0	2500 U	UG/L
2-HEXANONE	10	5000 U	UG/L
METHYLENE CHLORIDE	5.0	2500 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	5000 U	UG/L
STYRENE	5.0	2500 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	2500 U	UG/L
TETRACHLOROETHENE	5.0	2500 U	UG/L
TOLUENE	5.0	1300 J	UG/L
1,1,1-TRICHLOROETHANE	5.0	2500 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	2500 U	UG/L
TRICHLOROETHENE	5.0	60000	UG/L
VINYL CHLORIDE	5.0	2500 U	UG/L
O-XYLENE	5.0	2500 U	UG/L
M+P-XYLENE	5.0	2500 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(86 - 115 %)	95	%
TOLUENE-D8	(88 - 110 %)	98	%
DIBROMOFLUOROMETHANE	(86 - 118 %)	90	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 12/15/00

Blasland, Bouck & Lee, Inc.
Project Reference: CHGE LITTLE BRITAIN ROAD
Client Sample ID : MW94-1B

Date Sampled : 11/29/00 19:40 **Order #:** 428069 **Sample Matrix:** WATER
Date Received: 12/01/00 **Submission #:** R2004937 **Analytical Run** 58848

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 12/07/00			
ANALYTICAL DILUTION: 1.00			
ACETONE	20	20 U	UG/L
BENZENE	5.0	5.0 U	UG/L
BROMODICHLOROMETHANE	5.0	5.0 U	UG/L
BROMOFORM	5.0	5.0 U	UG/L
BROMOMETHANE	5.0	5.0 U	UG/L
2-BUTANONE (MEK)	10	10 U	UG/L
CARBON DISULFIDE	10	10 U	UG/L
CARBON TETRACHLORIDE	5.0	5.0 U	UG/L
CHLOROBENZENE	5.0	5.0 U	UG/L
CHLOROETHANE	5.0	5.0 U	UG/L
CHLOROFORM	5.0	5.0 U	UG/L
CHLOROMETHANE	5.0	5.0 U	UG/L
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHANE	5.0	5.0 U	UG/L
1,2-DICHLOROETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHENE	5.0	5.0 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	190	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
ETHYLBENZENE	5.0	5.0 U	UG/L
2-HEXANONE	10	10 U	UG/L
METHYLENE CHLORIDE	5.0	5.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/L
STYRENE	5.0	5.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	UG/L
TETRACHLOROETHENE	5.0	5.0 U	UG/L
TOLUENE	5.0	5.0 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/L
TRICHLOROETHENE	5.0	59	UG/L
VINYL CHLORIDE	5.0	1.0 J	UG/L
O-XYLENE	5.0	5.0 U	UG/L
M+P-XYLENE	5.0	5.0 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(86 - 115 %)	95	%
TOLUENE-D8	(88 - 110 %)	96	%
DIBROMOFLUOROMETHANE	(86 - 118 %)	99	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 12/15/00

Blasland, Bouck & Lee, Inc.
Project Reference: CHGE LITTLE BRITAIN ROAD
Client Sample ID : DUP-2

Date Sampled : 11/29/00 **Order #:** 428068 **Sample Matrix:** WATER
Date Received: 12/01/00 **Submission #:** R2004937 **Analytical Run** 58848

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 12/07/00			
ANALYTICAL DILUTION: 1.00			
ACETONE	20	20 U	UG/L
BENZENE	5.0	5.0 U	UG/L
BROMODICHLOROMETHANE	5.0	5.0 U	UG/L
BROMOFORM	5.0	5.0 U	UG/L
BROMOMETHANE	5.0	5.0 U	UG/L
2-BUTANONE (MEK)	10	10 U	UG/L
CARBON DISULFIDE	10	10 U	UG/L
CARBON TETRACHLORIDE	5.0	5.0 U	UG/L
CHLOROBENZENE	5.0	5.0 U	UG/L
CHLOROETHANE	5.0	5.0 U	UG/L
CHLOROFORM	5.0	5.0 U	UG/L
CHLOROMETHANE	5.0	5.0 U	UG/L
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHANE	5.0	5.0 U	UG/L
1,2-DICHLOROETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHENE	5.0	5.0 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	190	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
ETHYLBENZENE	5.0	5.0 U	UG/L
2-HEXANONE	10	10 U	UG/L
METHYLENE CHLORIDE	5.0	5.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/L
STYRENE	5.0	5.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	UG/L
TETRACHLOROETHENE	5.0	5.0 U	UG/L
TOLUENE	5.0	5.0 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/L
TRICHLOROETHENE	5.0	59	UG/L
VINYL CHLORIDE	5.0	1.4 J	UG/L
O-XYLENE	5.0	5.0 U	UG/L
M+P-XYLENE	5.0	5.0 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(86 - 115 %)	94	%
TOLUENE-D8	(88 - 110 %)	97	%
DIBROMOFLUOROMETHANE	(86 - 118 %)	97	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 12/15/00

Blasland, Bouck & Lee, Inc.
Project Reference: CHGE LITTLE BRITAIN ROAD
Client Sample ID : MW-94-5

Date Sampled : 11/30/00 08:47 Order #: 428073 Sample Matrix: WATER
Date Received: 12/01/00 Submission #: R2004937 Analytical Run 58848

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 12/15/00			
ANALYTICAL DILUTION: 1.00			
ACETONE	20	20 U	UG/L
BENZENE	5.0	5.0 U	UG/L
BROMODICHLOROMETHANE	5.0	5.0 U	UG/L
BROMOFORM	5.0	5.0 U	UG/L
BROMOMETHANE	5.0	5.0 U	UG/L
2-BUTANONE (MEK)	10	10 U	UG/L
CARBON DISULFIDE	10	10 U	UG/L
CARBON TETRACHLORIDE	5.0	5.0 U	UG/L
CHLOROBENZENE	5.0	5.0 U	UG/L
CHLOROETHANE	5.0	5.0 U	UG/L
CHLOROFORM	5.0	5.0 U	UG/L
CHLOROMETHANE	5.0	5.0 U	UG/L
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHANE	5.0	1.1 J	UG/L
1,2-DICHLOROETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHENE	5.0	5.0 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
ETHYLBENZENE	5.0	5.0 U	UG/L
2-HEXANONE	10	10 U	UG/L
METHYLENE CHLORIDE	5.0	5.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/L
STYRENE	5.0	5.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	UG/L
TETRACHLOROETHENE	5.0	5.0 U	UG/L
TOLUENE	5.0	5.0 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	1.0 J	UG/L
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/L
TRICHLOROETHENE	5.0	5.0 UE	UG/L
VINYL CHLORIDE	5.0	5.0 U	UG/L
O-XYLENE	5.0	5.0 U	UG/L
M+P-XYLENE	5.0	5.0 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(86 - 115 %)	98	%
TOLUENE-D8	(88 - 110 %)	99	%
DIBROMOFLUOROMETHANE	(86 - 118 %)	94	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 12/15/00

Blasland, Bouck & Lee, Inc.
Project Reference: CHGE LITTLE BRITAIN ROAD
Client Sample ID : MW96-6

Date Sampled : 11/29/00 16:55 Order #: 428067 Sample Matrix: WATER
Date Received: 12/01/00 Submission #: R2004937 Analytical Run 58848

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 12/07/00			
ANALYTICAL DILUTION: 1.00			
ACETONE	20	20 U	UG/L
BENZENE	5.0	5.0 U	UG/L
BROMODICHLOROMETHANE	5.0	5.0 U	UG/L
BROMOFORM	5.0	5.0 U	UG/L
BROMOMETHANE	5.0	5.0 U	UG/L
2-BUTANONE (MEK)	10	10 U	UG/L
CARBON DISULFIDE	10	10 U	UG/L
CARBON TETRACHLORIDE	5.0	5.0 U	UG/L
CHLOROBENZENE	5.0	5.0 U	UG/L
CHLOROETHANE	5.0	5.0 U	UG/L
CHLOROFORM	5.0	5.0 U	UG/L
CHLOROMETHANE	5.0	5.0 U	UG/L
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHANE	5.0	5.0 U	UG/L
1,2-DICHLOROETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHENE	5.0	5.0 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
ETHYLBENZENE	5.0	5.0 U	UG/L
2-HEXANONE	10	10 U	UG/L
METHYLENE CHLORIDE	5.0	5.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/L
STYRENE	5.0	5.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	UG/L
TETRACHLOROETHENE	5.0	5.0 U	UG/L
TOLUENE	5.0	5.0 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/L
TRICHLOROETHENE	5.0	5.0 U	UG/L
VINYL CHLORIDE	5.0	5.0 U	UG/L
O-XYLENE	5.0	5.0 U	UG/L
M-P-XYLENE	5.0	5.0 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(86 - 115 %)	94	%
TOLUENE-D8	(88 - 110 %)	96	%
DIBROMOFLUOROMETHANE	(86 - 118 %)	94	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 12/15/00

Blasland, Bouck & Lee, Inc.
Project Reference: CHGE LITTLE BRITAIN ROAD
Client Sample ID : MW96-7B

Date Sampled : 11/30/00 16:40 **Order #:** 428070 **Sample Matrix:** WATER
Date Received: 12/01/00 **Submission #:** R2004937 **Analytical Run** 58848

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 12/07/00			
ANALYTICAL DILUTION: 1.00			
ACETONE	20	20 U	UG/L
BENZENE	5.0	5.0 U	UG/L
BROMODICHLOROMETHANE	5.0	5.0 U	UG/L
BROMOFORM	5.0	5.0 U	UG/L
BROMOMETHANE	5.0	5.0 U	UG/L
2-BUTANONE (MEK)	10	10 U	UG/L
CARBON DISULFIDE	10	10 U	UG/L
CARBON TETRACHLORIDE	5.0	5.0 U	UG/L
CHLOROBENZENE	5.0	5.0 U	UG/L
CHLOROETHANE	5.0	5.0 U	UG/L
CHLOROFORM	5.0	5.0 U	UG/L
CHLOROMETHANE	5.0	5.0 U	UG/L
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHANE	5.0	12	UG/L
1,2-DICHLOROETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHENE	5.0	5.0 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	58	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	1.9 J	UG/L
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
ETHYLBENZENE	5.0	5.0 U	UG/L
2-HEXANONE	10	10 U	UG/L
METHYLENE CHLORIDE	5.0	5.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/L
STYRENE	5.0	5.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	UG/L
TETRACHLOROETHENE	5.0	5.0 U	UG/L
TOLUENE	5.0	5.0 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	2.1 J	UG/L
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/L
TRICHLOROETHENE	5.0	15	UG/L
VINYL CHLORIDE	5.0	38	UG/L
O-XYLENE	5.0	5.0 U	UG/L
M+P-XYLENE	5.0	5.0 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(86 - 115 %)	93	%
TOLUENE-D8	(88 - 110 %)	95	%
DIBROMOFLUOROMETHANE	(86 - 118 %)	95	%

Attachment 2-4

Post-Excavation verification Soil Samples

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CLIENT: Central Hudson Gas & Electric
CLIENT'S SAMPLE ID: LBR-SW1
AES sample #: 010323AH01
Samples taken by: M. Miller
MATRIX: Soil
Date Sampled: 03/21/01
Date sample received: 03/23/01
Location: Little Britain grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Chloromethane	EPA-8260	<10	ug/kg	MG-BX-22	03/23/01
Bromomethane	EPA-8260	<10	ug/kg	MG-BX-22	03/23/01
Vinyl Chloride	EPA-8260	13	ug/kg	MG-BX-22	03/23/01
Chloroethane	EPA-8260	<10	ug/kg	MG-BX-22	03/23/01
Methylene Chloride	EPA-8260	<5	ug/kg	MG-BX-22	03/23/01
Trichlorofluoromethane	EPA-8260	<5	ug/kg	MG-BX-22	03/23/01
1,1-Dichloroethene	EPA-8260	<5	ug/kg	MG-BX-22	03/23/01
1,1-Dichloroethane	EPA-8260	<5	ug/kg	MG-BX-22	03/23/01
1,2-Dichloroethene Total	EPA-8260	10	ug/kg	MG-BX-22	03/23/01
Chloroform	EPA-8260	<5	ug/kg	MG-BX-22	03/23/01
1,2-Dichloroethane	EPA-8260	<5	ug/kg	MG-BX-22	03/23/01
1,1,1-Trichloroethane	EPA-8260	<5	ug/kg	MG-BX-22	03/23/01
Carbon Tetrachloride	EPA-8260	<5	ug/kg	MG-BX-22	03/23/01
Bromo dichloromethane	EPA-8260	<5	ug/kg	MG-BX-22	03/23/01
1,2 Dichloropropane	EPA-8260	<5	ug/kg	MG-BX-22	03/23/01
trans-1,3-Dichloropropene	EPA-8260	<5	ug/kg	MG-BX-22	03/23/01
Trichloroethene	EPA-8250	7	ug/kg	MG-BX-22	03/23/01
Benzene	EPA-8260	<5	ug/kg	MG-BX-22	03/23/01
Dibromochloromethane	EPA-8260	<5	ug/kg	MG-BX-22	03/23/01
1,1,2-Trichloroethane	EPA-8260	<5	ug/kg	MG-BX-22	03/23/01

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CLIENT: Central Hudson Gas & Electric
CLIENT'S SAMPLE ID: LBR-SW1
AES sample #: 010323AH01
Samples taken by: M. Miller
MATRIX: Soil
Date Sampled: 03/21/01
Date sample received: 03/23/01
Location: Little Britain
grab

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
cis-1,3-Dichloropropene	EPA-8260	<5	ug/kg	MG-BX-22	03/23/01
2-Chloroethylvinylether	EPA-8260	≤10	ug/kg	MG-BX-22	03/23/01
Bromoform	EPA-8260	<5	ug/kg	MG-BX-22	03/23/01
1,1,2,2-Tetrachloroethane	EPA-8260	<5	ug/kg	MG-BX-22	03/23/01
Tetrachloroethene	EPA-8260	<5	ug/kg	MG-BX-22	03/23/01
Toluene	EPA-8260	<5	ug/kg	MG-BX-22	03/23/01
Chlorobenzene	EPA-8260	<5	ug/kg	MG-BX-22	03/23/01
Ethylbenzene	EPA-8260	<5	ug/kg	MG-BX-22	03/23/01
Xylenes,Total	EPA-8260	<5	ug/kg	MG-BX-22	03/23/01

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CLIENT: Central Hudson Gas & Electric
CLIENT'S SAMPLE ID: LBR-SW2
AES sample #: 010323AH02
Samples taken by: M. Miller
MATRIX: Soil
Date Sampled: 03/22/01
Date sample received: 03/23/01
Location: Little Britain grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Chloromethane	EPA-8260	<10	ug/kg	MG-BX-22	03/23/01
Bromomethane	EPA-8260	<10	ug/kg	MG-BX-22	03/23/01
Vinyl Chloride	EPA-8260	<10	ug/kg	MG-BX-22	03/23/01
Chloroethane	EPA-8260	<10	ug/kg	MG-BX-22	03/23/01
Methylene Chloride	EPA-8260	<5	ug/kg	MG-BX-22	03/23/01
Trichlorofluoromethane	EPA-8260	<5	ug/kg	MG-BX-22	03/23/01
1,1-Dichloroethene	EPA-8260	<5	ug/kg	MG-BX-22	03/23/01
1,1-Dichloroethane	EPA-8260	<5	ug/kg	MG-BX-22	03/23/01
1,2-Dichloroethene Total	EPA-8260	<5	ug/kg	MG-BX-22	03/23/01
Chloroform	EPA-8260	<5	ug/kg	MG-BX-22	03/23/01
1,2-Dichloroethane	EPA-8260	<5	ug/kg	MG-BX-22	03/23/01
1,1,1-Trichloroethane	EPA-8260	<5	ug/kg	MG-BX-22	03/23/01
Carbon Tetrachloride	EPA-8260	<5	ug/kg	MG-BX-22	03/23/01
Bromo dichloromethane	EPA-8260	<5	ug/kg	MG-BX-22	03/23/01
1,2 Dichloropropane	EPA-8260	<5	ug/kg	MG-BX-22	03/23/01
trans-1,3-Dichloropropene	EPA-8260	<5	ug/kg	MG-BX-22	03/23/01
Trichloroethene	EPA-8260	<5	ug/kg	MG-BX-22	03/23/01
Benzene	EPA-8260	<5	ug/kg	MG-BX-22	03/23/01
Dibromochloromethane	EPA-8260	<5	ug/kg	MG-BX-22	03/23/01
1,1,2-Trichloroethane	EPA-8260	<5	ug/kg	MG-BX-22	03/23/01

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CLIENT: Central Hudson Gas & Electric
CLIENT'S SAMPLE ID: LBR-SW2
AES sample #: 010323AH02
Samples taken by: M. Miller
MATRIX: Soil
Date Sampled: 03/22/01
Date sample received: 03/23/01
Location: Little Britain
grab

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
cis-1,3-Dichloropropene	EPA-8260	<5	ug/kg	MG-BX-22	03/23/01
2-Chloroethylvinylether	EPA-8260	<10	ug/kg	MG-BX-22	03/23/01
Bromoform	EPA-8260	<5	ug/kg	MG-BX-22	03/23/01
1,1,2,2-Tetrachloroethane	EPA-8260	<5	ug/kg	MG-BX-22	03/23/01
Tetrachloroethene	EPA-8260	<5	ug/kg	MG-BX-22	03/23/01
Toluene	EPA-8260	<5	ug/kg	MG-BX-22	03/23/01
Chlorobenzene	EPA-8260	<5	ug/kg	MG-BX-22	03/23/01
Ethylbenzene	EPA-8260	<5	ug/kg	MG-BX-22	03/23/01
Xylenes,Total	EPA-8260	<5	ug/kg	MG-BX-22	03/23/01

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CLIENT: Central Hudson Gas & Electric
CLIENT'S SAMPLE ID: LER-SW3
AES sample #: 010329AS01
Samples taken by: M.A.Miller
MATRIX: Soil
Date Sampled: 03/27/01
Date sample received: 03/29/01
Location: Little Britain grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Chloromethane	EPA-8260	<10	ug/kg	MG-BX-26	03/30/01
Bromomethane	EPA-8260	<10	ug/kg	MG-BX-26	03/30/01
Vinyl Chloride	EPA-8260	<10	ug/kg	MG-BX-26	03/30/01
Chloroethane	EPA-8260	<10	ug/kg	MG-BX-26	03/30/01
Methylene Chloride	EPA-8260	<5	ug/kg	MG-BX-26	03/30/01
Trichlorofluoromethane	EPA-8260	<5	ug/kg	MG-BX-26	03/30/01
1,1-Dichloroethene	EPA-8260	<5	ug/kg	MG-BX-26	03/30/01
1,1-Dichloroethane	EPA-8260	<5	ug/kg	MG-BX-26	03/30/01
1,2-Dichloroethene Total	EPA-8260	<5	ug/kg	MG-BX-26	03/30/01
Chloroform	EPA-8260	<5	ug/kg	MG-BX-26	03/30/01
1,2-Dichloroethane	EPA-8260	<5	ug/kg	MG-BX-26	03/30/01
1,1,1-Trichloroethane	EPA-8260	<5	ug/kg	MG-BX-26	03/30/01
Carbon Tetrachloride	EPA-8260	<5	ug/kg	MG-BX-26	03/30/01
Bromo dichloromethane	EPA-8260	<5	ug/kg	MG-BX-26	03/30/01
1,2 Dichloropropane	EPA-8260	<5	ug/kg	MG-BX-26	03/30/01
trans-1,3-Dichloropropene	EPA-8260	<5	ug/kg	MG-BX-26	03/30/01
Trichloroethene	EPA-8260	<5	ug/kg	MG-BX-26	03/30/01
Benzene	EPA-8260	<5	ug/kg	MG-BX-26	03/30/01
Dibromochloromethane	EPA-8260	<5	ug/kg	MG-BX-26	03/30/01
1,1,2-Trichloroethane	EPA-8260	<5	ug/kg	MG-BX-26	03/30/01

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CLIENT: Central Hudson Gas & Electric
CLIENT'S SAMPLE ID: LBR-SW3
AES sample #: 010329AS01
Samples taken by: M.A.Miller
MATRIX: Soil
Date Sampled: 03/27/01
Date sample received: 03/29/01
Location: Little Britain grab

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
cis-1,3-Dichloropropene	EPA-8260	<5	ug/kg	MG-EX-26	03/30/01
2-Chloroethylvinylether	EPA-8260	<10	ug/kg	MG-EX-26	03/30/01
Bromoform	EPA-8260	<5	ug/kg	MG-EX-26	03/30/01
1,1,2,2-Tetrachloroethane	EPA-8260	<5	ug/kg	MG-EX-26	03/30/01
Tetrachloroethene	EPA-8260	<5	ug/kg	MG-EX-26	03/30/01
Toluene	EPA-8260	<5	ug/kg	MG-EX-26	03/30/01
Chlorobenzene	EPA-8260	<5	ug/kg	MG-EX-26	03/30/01
Ethylbenzene	EPA-8260	<5	ug/kg	MG-EX-26	03/30/01
Xylenes,Total	EPA-8260	<5	ug/kg	MG-EX-26	03/30/01

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CLIENT: Central Hudson Gas & Electric
CLIENT'S SAMPLE ID: LBR-SW 4
AES sample #: 010403 C02
Samples taken by: M. Miller
MATRIX: Soil
Date Sampled: 04/02/01
Date sample received: 04/03/01
Location: Little Britain grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Chloromethane	EPA-8260	<100	ug/kg	MG-BX-27	04/03/01
Bromomethane	EPA-8260	<100	ug/kg	MG-BX-27	04/03/01
Vinyl Chloride	EPA-8260	<100	ug/kg	MG-BX-27	04/03/01
Chloroethane	EPA-8260	<100	ug/kg	MG-BX-27	04/03/01
Methylene Chloride	EPA-8260	<50	ug/kg	MG-BX-27	04/03/01
Trichlorofluoromethane	EPA-8260	<50	ug/kg	MG-BX-27	04/03/01
1,1-Dichloroethene	EPA-8260	<50	ug/kg	MG-BX-27	04/03/01
1,1-Dichloroethane	EPA-8260	<50	ug/kg	MG-BX-27	04/03/01
1,2-Dichloroethene Total	EPA-8260	<50	ug/kg	MG-BX-27	04/03/01
Chloroform	EPA-8260	<50	ug/kg	MG-BX-27	04/03/01
1,2-Dichloroethane	EPA-8260	<50	ug/kg	MG-BX-27	04/03/01
1,1,1-Trichloroethane	EPA-8260	<50	ug/kg	MG-BX-27	04/03/01
Carbon Tetrachloride	EPA-8260	<50	ug/kg	MG-BX-27	04/03/01
Bromo dichloromethane	EPA-8260	<50	ug/kg	MG-BX-27	04/03/01
1,2 Dichloropropane	EPA-8260	<50	ug/kg	MG-BX-27	04/03/01
trans-1,3-Dichloropropene	EPA-8260	<50	ug/kg	MG-BX-27	04/03/01
Trichloroethene	EPA-8260	<50	ug/kg	MG-BX-27	04/03/01
Benzene	EPA-8260	<50	ug/kg	MG-BX-27	04/03/01
Dibromochloromethane	EPA-8260	<50	ug/kg	MG-BX-27	04/03/01
1,1,2-Trichloroethane	EPA-8260	<50	ug/kg	MG-BX-27	04/03/01

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CLIENT: Central Hudson Gas & Electric
CLIENT'S SAMPLE ID: LBR-SW 4
AES sample #: 010403 C02
Samples taken by: M. Miller
MATRIX: Soil
Date Sampled: 04/02/01
Date sample received: 04/03/01
Location: Little Britain
grab

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
cis-1,3-Dichloropropene	EPA-8260	<50	ug/kg	MG-BX-27	04/03/01
2-Chloroethylvinylether	EPA-8260	<100	ug/kg	MG-BX-27	04/03/01
Bromoform	EPA-8260	<50	ug/kg	MG-BX-27	04/03/01
1,1,2,2-Tetrachloroethane	EPA-8260	<50	ug/kg	MG-BX-27	04/03/01
Tetrachloroethene	EPA-8260	<50	ug/kg	MG-BX-27	04/03/01
Toluene	EPA-8260	<50	ug/kg	MG-BX-27	04/03/01
Chlorobenzene	EPA-8260	<50	ug/kg	MG-BX-27	04/03/01
Ethylbenzene	EPA-8260	<50	ug/kg	MG-BX-27	04/03/01
Xylenes,Total	EPA-8260	<50	ug/kg	MG-BX-27	04/03/01

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CLIENT: Central Hudson Gas & Electric
CLIENT'S SAMPLE ID: LBR-POST 1
AES sample #: 010322 H01
Samples taken by: M. Miller
MATRIX: Soil
Date Sampled: 03/21/01
Date sample received: 03/22/01
Location: Little Britain grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Chloromethane	EPA-8260	<10	ug/kg	MG-BX-21	03/22/01
Bromomethane	EPA-8260	<10	ug/kg	MG-BX-21	03/22/01
Vinyl Chloride	EPA-8260	<10	ug/kg	MG-BX-21	03/22/01
Chloroethane	EPA-8260	<10	ug/kg	MG-BX-21	03/22/01
Methylene Chloride	EPA-8260	<5	ug/kg	MG-BX-21	03/22/01
Trichlorofluoromethane	EPA-8260	<5	ug/kg	MG-BX-21	03/22/01
1,1-Dichloroethene	EPA-8260	<5	ug/kg	MG-BX-21	03/22/01
1,1-Dichloroethane	EPA-8260	<5	ug/kg	MG-BX-21	03/22/01
1,2-Dichloroethene Total	EPA-8260	6	ug/kg	MG-BX-21	03/22/01
Chloroform	EPA-8260	<5	ug/kg	MG-BX-21	03/22/01
1,2-Dichloroethane	EPA-8260	<5	ug/kg	MG-BX-21	03/22/01
1,1,1-Trichloroethane	EPA-8260	<5	ug/kg	MG-BX-21	03/22/01
Carbon Tetrachloride	EPA-8260	<5	ug/kg	MG-BX-21	03/22/01
Bromo dichloromethane	EPA-8260	<5	ug/kg	MG-BX-21	03/22/01
1,2 Dichloropropane	EPA-8260	<5	ug/kg	MG-BX-21	03/22/01
trans-1,3-Dichloropropene	EPA-8260	<5	ug/kg	MG-BX-21	03/22/01
Trichloroethene	EPA-8260	<5	ug/kg	MG-BX-21	03/22/01
Benzene	EPA-8260	<5	ug/kg	MG-BX-21	03/22/01
Dibromochloromethane	EPA-8260	<5	ug/kg	MG-BX-21	03/22/01
1,1,2-Trichloroethane	EPA-8260	<5	ug/kg	MG-BX-21	03/22/01

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CLIENT: Central Hudson Gas & Electric
CLIENT'S SAMPLE ID: LBR-POST 1
AES sample #: 010322 H01
Samples taken by: M. Miller
MATRIX: Soil
Date Sampled: 03/21/01
Date sample received: 03/22/01
Location: Little Britain grab

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
cis-1,3-Dichloropropene	EPA-8260	<5	ug/kg	MG-BX-21	03/22/01
2-Chloroethylvinylether	EPA-8260	≤10	ug/kg	MG-BX-21	03/22/01
Bromoform	EPA-8260	<5	ug/kg	MG-BX-21	03/22/01
1,1,2,2-Tetrachloroethane	EPA-8260	<5	ug/kg	MG-BX-21	03/22/01
Tetrachloroethene	EPA-8260	<5	ug/kg	MG-BX-21	03/22/01
Toluene	EPA-8260	<5	ug/kg	MG-BX-21	03/22/01
Chlorobenzene	EPA-8260	<5	ug/kg	MG-BX-21	03/22/01
Ethylbenzene	EPA-8260	<5	ug/kg	MG-BX-21	03/22/01
Xylenes,Total	EPA-8260	<5	ug/kg	MG-BX-21	03/22/01

APPROVED BY: Christopher Hess
Report date: 03/23/01

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CLIENT: Central Hudson Gas & Electric
CLIENT'S SAMPLE ID: LBR-POST 2
AES sample #: 010323AH03
Samples taken by: M. Miller
MATRIX: Soil
Date Sampled: 03/23/01
Date sample received: 03/23/01
Location: Little Britain
grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Chloromethane	EPA-8260	<10	ug/kg	MG-BX-22	03/23/01
Bromomethane	EPA-8260	<10	ug/kg	MG-BX-22	03/23/01
Vinyl Chloride	EPA-8260	<10	ug/kg	MG-BX-22	03/23/01
Chloroethane	EPA-8260	<10	ug/kg	MG-BX-22	03/23/01
Methylene Chloride	EPA-8260	<5	ug/kg	MG-BX-22	03/23/01
Trichlorofluoromethane	EPA-8260	<5	ug/kg	MG-BX-22	03/23/01
1,1-Dichloroethene	EPA-8260	<5	ug/kg	MG-BX-22	03/23/01
1,1-Dichloroethane	EPA-8260	<5	ug/kg	MG-BX-22	03/23/01
1,2-Dichloroethene Total	EPA-8260	<5	ug/kg	MG-BX-22	03/23/01
Chloroform	EPA-8260	<5	ug/kg	MG-BX-22	03/23/01
1,2-Dichloroethane	EPA-8260	<5	ug/kg	MG-BX-22	03/23/01
1,1,1-Trichloroethane	EPA-8260	<5	ug/kg	MG-BX-22	03/23/01
Carbon Tetrachloride	EPA-8260	<5	ug/kg	MG-BX-22	03/23/01
Bromo dichloromethane	EPA-8260	<5	ug/kg	MG-BX-22	03/23/01
1,2 Dichloropropane	EPA-8260	<5	ug/kg	MG-BX-22	03/23/01
trans-1,3-Dichloropropene	EPA-8260	<5	ug/kg	MG-BX-22	03/23/01
Trichloroethene	EPA-8260	<5	ug/kg	MG-BX-22	03/23/01
Benzene	EPA-8260	<5	ug/kg	MG-BX-22	03/23/01
Dibromochloromethane	EPA-8260	<5	ug/kg	MG-BX-22	03/23/01
1,1,2-Trichloroethane	EPA-8260	<5	ug/kg	MG-BX-22	03/23/01

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CLIENT: Central Hudson Gas & Electric
CLIENT'S SAMPLE ID: LBR-POST 2
AES sample #: 010323AH03
Samples taken by: M. Miller
MATRIX: Soil
Date Sampled: 03/23/01
Date sample received: 03/23/01
Location: Little Britain grab

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
cis-1,3-Dichloropropene	EPA-8260	<5	ug/kg	MG-BX-22	03/23/01
2-Chloroethylvinylether	EPA-8260	≤10	ug/kg	MG-BX-22	03/23/01
Bromoform	EPA-8260	<5	ug/kg	MG-BX-22	03/23/01
1,1,2,2-Tetrachloroethane	EPA-8260	<5	ug/kg	MG-BX-22	03/23/01
Tetrachloroethene	EPA-8260	<5	ug/kg	MG-BX-22	03/23/01
Toluene	EPA-8260	<5	ug/kg	MG-BX-22	03/23/01
Chlorobenzene	EPA-8260	<5	ug/kg	MG-BX-22	03/23/01
Ethylbenzene	EPA-8260	<5	ug/kg	MG-BX-22	03/23/01
Xylenes,Total	EPA-8260	<5	ug/kg	MG-BX-22	03/23/01

APPROVED BY: Christopher Hess
Report date: 03/26/01

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CLIENT: Central Hudson Gas & Electric
CLIENT'S SAMPLE ID: LBR-POST 3
AES sample #: 010329AS02
Samples taken by: M.A.Miller
MATRIX: Soil
Date Sampled: 03/29/01
Date sample received: 03/29/01
Location: Little Britain grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Chloromethane	EPA-8260	<10	ug/kg	MG-BX-26	03/30/01
Bromomethane	EPA-8260	<10	ug/kg	MG-BX-26	03/30/01
Vinyl Chloride	EPA-8260	56	ug/kg	MG-BX-26	03/30/01
Chloroethane	EPA-8260	<10	ug/kg	MG-BX-26	03/30/01
Methylene Chloride	EPA-8260	<5	ug/kg	MG-BX-26	03/30/01
Trichlorofluoromethane	EPA-8260	<5	ug/kg	MG-BX-26	03/30/01
1,1-Dichloroethene	EPA-8260	<5	ug/kg	MG-BX-26	03/30/01
1,1-Dichloroethane	EPA-8260	<5	ug/kg	MG-BX-26	03/30/01
1,2-Dichloroethene Total	EPA-8260	36	ug/kg	MG-BX-26	03/30/01
Chloroform	EPA-8260	<5	ug/kg	MG-BX-26	03/30/01
1,2-Dichloroethane	EPA-8260	<5	ug/kg	MG-BX-26	03/30/01
1,1,1-Trichloroethane	EPA-8260	<5	ug/kg	MG-BX-26	03/30/01
Carbon Tetrachloride	EPA-8260	<5	ug/kg	MG-BX-26	03/30/01
Bromo dichloromethane	EPA-8260	<5	ug/kg	MG-BX-26	03/30/01
1,2 Dichloropropane	EPA-8260	<5	ug/kg	MG-BX-26	03/30/01
trans-1,3-Dichloropropene	EPA-8260	<5	ug/kg	MG-BX-26	03/30/01
Trichloroethene	EPA-8260	<5	ug/kg	MG-BX-26	03/30/01
Benzene	EPA-8260	<5	ug/kg	MG-BX-26	03/30/01
Dibromochloromethane	EPA-8260	<5	ug/kg	MG-BX-26	03/30/01
1,1,2-Trichloroethane	EPA-8260	<5	ug/kg	MG-BX-26	03/30/01

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CLIENT: Central Hudson Gas & Electric — Date Sampled: 03/29/01
CLIENT'S SAMPLE ID: LER-POST 3 — Date sample received: 03/29/01
AES sample #: 010329AS02 — Samples taken by: M.A.Miller — Location: Little Britain
MATRIX: Soil — grab

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
cis-1,3-Dichloropropene	EPA-8260	<5	ug/kg	MG-BX-26	03/30/01
2-Chloroethylvinylether	EPA-8260	<10	ug/kg	MG-BX-26	03/30/01
Bromoform	EPA-8260	<5	ug/kg	MG-BX-26	03/30/01
1,1,2,2-Tetrachloroethane	EPA-8260	<5	ug/kg	MG-BX-26	03/30/01
Tetrachloroethene	EPA-8260	<5	ug/kg	MG-BX-26	03/30/01
Toluene	EPA-8260	<5	ug/kg	MG-BX-26	03/30/01
Chlorobenzene	EPA-8260	<5	ug/kg	MG-BX-26	03/30/01
Ethylbenzene	EPA-8260	<5	ug/kg	MG-BX-26	03/30/01
Xylenes,Total	EPA-8260	<5	ug/kg	MG-BX-26	03/30/01

APPROVED BY: _____
Report date: 03/30/01

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CLIENT: Blasland, Bouck & Lee, Inc.
CLIENT'S SAMPLE ID: LER-POST 4
AES sample #: 010330 H01
Samples taken by: M.A.Miller
MATRIX: Soil
Date Sampled: 03/29/01
Date sample received: 03/30/01
Location: CHG&E Lit.Brt.R
grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Chloromethane	EPA-8260	<10	ug/kg	MG-BX-26	03/30/01
Bromomethane	EPA-8260	<10	ug/kg	MG-BX-26	03/30/01
Vinyl Chloride	EPA-8260	25	ug/kg	MG-BX-26	03/30/01
Chloroethane	EPA-8260	<10	ug/kg	MG-BX-26	03/30/01
Methylene Chloride	EPA-8260	<5	ug/kg	MG-BX-26	03/30/01
Trichlorofluoromethane	EPA-8260	<5	ug/kg	MG-BX-26	03/30/01
1,1-Dichloroethene	EPA-8260	<5	ug/kg	MG-BX-26	03/30/01
1,1-Dichloroethane	EPA-8260	<5	ug/kg	MG-BX-26	03/30/01
1,2-Dichloroethene Total	EPA-8260	12	ug/kg	MG-BX-26	03/30/01
Chloroform	EPA-8260	<5	ug/kg	MG-BX-26	03/30/01
1,2-Dichloroethane	EPA-8260	<5	ug/kg	MG-BX-26	03/30/01
1,1,1-Trichloroethane	EPA-8260	<5	ug/kg	MG-BX-26	03/30/01
Carbon Tetrachloride	EPA-8260	<5	ug/kg	MG-BX-26	03/30/01
Bromo dichloromethane	EPA-8260	<5	ug/kg	MG-BX-26	03/30/01
1,2 Dichloropropane	EPA-8260	<5	ug/kg	MG-BX-26	03/30/01
trans-1,3-Dichloropropene	EPA-8260	<5	ug/kg	MG-BX-26	03/30/01
Trichloroethene	EPA-8260	<5	ug/kg	MG-BX-26	03/30/01
Benzene	EPA-8260	<5	ug/kg	MG-BX-26	03/30/01
Dibromochloromethane	EPA-8260	<5	ug/kg	MG-BX-26	03/30/01
1,1,2-Trichloroethane	EPA-8260	<5	ug/kg	MG-BX-26	03/30/01

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CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 03/29/01
CLIENT'S SAMPLE ID: LBR-POST 4 Date sample received: 03/30/01
AES sample #: 010330 H01 Samples taken by: M.A.Miller Location: CHG&E Lit.Brt.R
MATRIX: Soil grab

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
cis-1,3-Dichloropropene	EPA-8260	<5	ug/kg	MG-BX-26	03/30/01
2-Chloroethylvinylether	EPA-8260	<10	ug/kg	MG-BX-26	03/30/01
Bromoform	EPA-8260	<5	ug/kg	MG-BX-26	03/30/01
1,1,2,2-Tetrachloroethane	EPA-8260	<5	ug/kg	MG-BX-26	03/30/01
Tetrachloroethene	EPA-8260	<5	ug/kg	MG-BX-26	03/30/01
Toluene	EPA-8260	<5	ug/kg	MG-BX-26	03/30/01
Chlorobenzene	EPA-8260	<5	ug/kg	MG-BX-26	03/30/01
Ethylbenzene	EPA-8260	<5	ug/kg	MG-BX-26	03/30/01
Xylenes,Total	EPA-8260	<5	ug/kg	MG-BX-26	03/30/01

APPROVED BY: Christopher Kos
Report date: 03/30/01

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CLIENT: Central Hudson Gas & Electric
CLIENT'S SAMPLE ID: LBR-Post 5
AES sample #: 010403 C01
Samples taken by: M. Miller
MATRIX: Soil
Date Sampled: 04/02/01
Date sample received: 04/03/01
Location: Little Britain grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Chloromethane	EPA-8260	<10	ug/kg	MG-BX-27	04/03/01
Bromomethane	EPA-8260	<10	ug/kg	MG-BX-27	04/03/01
Vinyl Chloride	EPA-8260	<10	ug/kg	MG-BX-27	04/03/01
Chloroethane	EPA-8260	<10	ug/kg	MG-BX-27	04/03/01
Methylene Chloride	EPA-8260	<5	ug/kg	MG-BX-27	04/03/01
Trichlorofluoromethane	EPA-8260	<5	ug/kg	MG-BX-27	04/03/01
1,1-Dichloroethene	EPA-8260	<5	ug/kg	MG-BX-27	04/03/01
1,1-Dichloroethane	EPA-8260	<5	ug/kg	MG-BX-27	04/03/01
1,2-Dichloroethene Total	EPA-8260	<5	ug/kg	MG-BX-27	04/03/01
Chloroform	EPA-8260	<5	ug/kg	MG-BX-27	04/03/01
1,2-Dichloroethane	EPA-8260	<5	ug/kg	MG-BX-27	04/03/01
1,1,1-Trichloroethane	EPA-8260	<5	ug/kg	MG-BX-27	04/03/01
Carbon Tetrachloride	EPA-8260	<5	ug/kg	MG-BX-27	04/03/01
Bromo dichloromethane	EPA-8260	<5	ug/kg	MG-BX-27	04/03/01
1,2 Dichloropropane	EPA-8260	<5	ug/kg	MG-BX-27	04/03/01
trans-1,3-Dichloropropene	EPA-8260	<5	ug/kg	MG-BX-27	04/03/01
Trichloroethene	EPA-8260	<5	ug/kg	MG-BX-27	04/03/01
Benzene	EPA-8260	<5	ug/kg	MG-BX-27	04/03/01
Dibromochloromethane	EPA-8260	<5	ug/kg	MG-BX-27	04/03/01
1,1,2-Trichloroethane	EPA-8260	<5	ug/kg	MG-BX-27	04/03/01

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CLIENT: Central Hudson Gas & Electric
CLIENT'S SAMPLE ID: LBR-Post 5
AES sample #: 010403 C01
Samples taken by: M. Miller
MATRIX: Soil
Date Sampled: 04/02/01
Date sample received: 04/03/01
Location: Little Britain grab

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
cis-1,3-Dichloropropene	EPA-8260	<5	ug/kg	MG-BX-27	04/03/01
2-Chloroethylvinylether	EPA-8260	<10	ug/kg	MG-BX-27	04/03/01
Bromoform	EPA-8260	<5	ug/kg	MG-BX-27	04/03/01
1,1,2,2-Tetrachloroethane	EPA-8260	<5	ug/kg	MG-BX-27	04/03/01
Tetrachloroethene	EPA-8260	<5	ug/kg	MG-BX-27	04/03/01
Toluene	EPA-8260	<5	ug/kg	MG-BX-27	04/03/01
Chlorobenzene	EPA-8260	<5	ug/kg	MG-BX-27	04/03/01
Ethylbenzene	EPA-8260	<5	ug/kg	MG-BX-27	04/03/01
Xylenes,Total	EPA-8260	<5	ug/kg	MG-BX-27	04/03/01

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CLIENT: Central Hudson Gas & Electric
CLIENT'S SAMPLE ID: LBR-Post 6
AES sample #: 010403 C03
Samples taken by: M. Miller
MATRIX: Soil
Date Sampled: 04/02/01
Date sample received: 04/03/01
Location: Little Britain grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Chloromethane	EPA-8260	<10	ug/kg	MG-BX-27	04/03/01
Bromomethane	EPA-8260	<10	ug/kg	MG-BX-27	04/03/01
Vinyl Chloride	EPA-8260	23	ug/kg	MG-BX-27	04/03/01
Chloroethane	EPA-8260	<10	ug/kg	MG-BX-27	04/03/01
Methylene Chloride	EPA-8260	<5	ug/kg	MG-BX-27	04/03/01
Trichlorofluoromethane	EPA-8260	<5	ug/kg	MG-BX-27	04/03/01
1,1-Dichloroethene	EPA-8260	<5	ug/kg	MG-BX-27	04/03/01
1,1-Dichloroethane	EPA-8260	<5	ug/kg	MG-BX-27	04/03/01
1,2-Dichloroethene Total	EPA-8260	210	ug/kg	MG-BX-27	04/03/01
Chloroform	EPA-8260	<5	ug/kg	MG-BX-27	04/03/01
1,2-Dichloroethane	EPA-8260	<5	ug/kg	MG-BX-27	04/03/01
1,1,1-Trichloroethane	EPA-8260	<5	ug/kg	MG-BX-27	04/03/01
Carbon Tetrachloride	EPA-8260	<5	ug/kg	MG-BX-27	04/03/01
Bromo dichloromethane	EPA-8260	<5	ug/kg	MG-BX-27	04/03/01
1,2 Dichloropropane	EPA-8260	<5	ug/kg	MG-BX-27	04/03/01
trans-1,3-Dichloropropene	EPA-8260	<5	ug/kg	MG-BX-27	04/03/01
Trichloroethene	EPA-8260	57	ug/kg	MG-BX-27	04/03/01
Benzene	EPA-8260	<5	ug/kg	MG-BX-27	04/03/01
Dibromochloromethane	EPA-8260	<5	ug/kg	MG-BX-27	04/03/01
1,1,2-Trichloroethane	EPA-8260	<5	ug/kg	MG-BX-27	04/03/01

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CLIENT: Central Hudson Gas & Electric
CLIENT'S SAMPLE ID: LBR-Post 6
AES sample #: 010403 C03
Samples taken by: M. Miller
MATRIX: Soil
Date Sampled: 04/02/01
Date sample received: 04/03/01
Location: Little Britain grab

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
cis-1,3-Dichloropropene	EPA-8260	<5	ug/kg	MG-BX-27	04/03/01
2-Chloroethylvinylether	EPA-8260	<10	ug/kg	MG-BX-27	04/03/01
Bromoform	EPA-8260	<5	ug/kg	MG-BX-27	04/03/01
1,1,2,2-Tetrachloroethane	EPA-8260	<5	ug/kg	MG-BX-27	04/03/01
Tetrachloroethene	EPA-8260	<5	ug/kg	MG-BX-27	04/03/01
Toluene	EPA-8260	44	ug/kg	MG-BX-27	04/03/01
Chlorobenzene	EPA-8260	<5	ug/kg	MG-BX-27	04/03/01
Ethylbenzene	EPA-8260	7	ug/kg	MG-BX-27	04/03/01
Xylenes,Total	EPA-8260	35	ug/kg	MG-BX-27	04/03/01

APPROVED BY: _____
Report date: 04/03/01

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CLIENT: Central Hudson Gas & Electric
CLIENT'S SAMPLE ID: LBR-POST 7
AES sample #: 010404 H01
Samples taken by: M. Miller
MATRIX: Soil
Date Sampled: 04/03/01
Date sample received: 04/04/01
Location: Little Britain grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Chloromethane	EPA-8260	<10	ug/kg	MG-BX-28	04/04/01
Bromomethane	EPA-8260	<10	ug/kg	MG-BX-28	04/04/01
Vinyl Chloride	EPA-8260	<10	ug/kg	MG-BX-28	04/04/01
Chloroethane	EPA-8260	<10	ug/kg	MG-BX-28	04/04/01
Methylene Chloride	EPA-8260	<5	ug/kg	MG-BX-28	04/04/01
Trichlorofluoromethane	EPA-8260	<5	ug/kg	MG-BX-28	04/04/01
1,1-Dichloroethene	EPA-8260	<5	ug/kg	MG-BX-28	04/04/01
1,1-Dichloroethane	EPA-8260	<5	ug/kg	MG-BX-28	04/04/01
1,2-Dichloroethene Total	EPA-8260	15	ug/kg	MG-BX-28	04/04/01
Chloroform	EPA-8260	<5	ug/kg	MG-BX-28	04/04/01
1,2-Dichloroethane	EPA-8260	<5	ug/kg	MG-BX-28	04/04/01
1,1,1-Trichloroethane	EPA-8260	<5	ug/kg	MG-BX-28	04/04/01
Carbon Tetrachloride	EPA-8260	<5	ug/kg	MG-BX-28	04/04/01
Bromo dichloromethane	EPA-8260	<5	ug/kg	MG-BX-28	04/04/01
1,2 Dichloropropane	EPA-8260	<5	ug/kg	MG-BX-28	04/04/01
trans-1,3-Dichloropropene	EPA-8260	<5	ug/kg	MG-BX-28	04/04/01
Trichloroethene	EPA-8260	<5	ug/kg	MG-BX-28	04/04/01
Benzene	EPA-8260	<5	ug/kg	MG-BX-28	04/04/01
Dibromochloromethane	EPA-8260	<5	ug/kg	MG-BX-28	04/04/01
1,1,2-Trichloroethane	EPA-8260	<5	ug/kg	MG-BX-28	04/04/01

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CLIENT: Central Hudson Gas & Electric
CLIENT'S SAMPLE ID: LBR-POST 7
AES sample #: 010404 H01
Samples taken by: M. Miller
MATRIX: Soil
Date Sampled: 04/03/01
Date sample received: 04/04/01
Location: Little Britain grab

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
cis-1,3-Dichloropropene	EPA-8260	<5	ug/kg	MG-BX-28	04/04/01
2-Chloroethylvinylether	EPA-8260	<10	ug/kg	MG-BX-28	04/04/01
Bromoform	EPA-8260	<5	ug/kg	MG-BX-28	04/04/01
1,1,2,2-Tetrachloroethane	EPA-8260	<5	ug/kg	MG-BX-28	04/04/01
Tetrachloroethene	EPA-8260	<5	ug/kg	MG-BX-28	04/04/01
Toluene	EPA-8260	<5	ug/kg	MG-BX-28	04/04/01
Chlorobenzene	EPA-8260	<5	ug/kg	MG-BX-28	04/04/01
Ethylbenzene	EPA-8260	<5	ug/kg	MG-BX-28	04/04/01
Xylenes,Total	EPA-8260	<5	ug/kg	MG-BX-28	04/04/01

APPROVED BY: Christopher Hess
Report date: 04/04/01

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CLIENT: Central Hudson Gas & Electric
CLIENT'S SAMPLE ID: LBR-POST 8
AES sample #: 010411 E01
Samples taken by: M. Miller
MATRIX: Soil
Date Sampled: 04/10/01
Date sample received: 04/11/01
Location: Little Britain grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Chloromethane	EPA-8260	<10	ug/kg	JF-BX-30	04/11/01
Bromomethane	EPA-8260	<10	ug/kg	JF-BX-30	04/11/01
Vinyl Chloride	EPA-8260	<10	ug/kg	JF-BX-30	04/11/01
Chloroethane	EPA-8260	<10	ug/kg	JF-BX-30	04/11/01
Methylene Chloride	EPA-8260	<5	ug/kg	JF-BX-30	04/11/01
Trichlorofluoromethane	EPA-8260	<5	ug/kg	JF-BX-30	04/11/01
1,1-Dichloroethene	EPA-8260	<5	ug/kg	JF-BX-30	04/11/01
1,1-Dichloroethane	EPA-8260	<5	ug/kg	JF-BX-30	04/11/01
1,2-Dichloroethene Total	EPA-8260	6.0	ug/kg	JF-BX-30	04/11/01
Chloroform	EPA-8260	<5	ug/kg	JF-BX-30	04/11/01
1,2-Dichloroethane	EPA-8260	<5	ug/kg	JF-BX-30	04/11/01
1,1,1-Trichloroethane	EPA-8260	<5	ug/kg	JF-BX-30	04/11/01
Carbon Tetrachloride	EPA-8260	<5	ug/kg	JF-BX-30	04/11/01
Bromo dichloromethane	EPA-8260	<5	ug/kg	JF-BX-30	04/11/01
1,2 Dichloropropane	EPA-8260	<5	ug/kg	JF-BX-30	04/11/01
trans-1,3-Dichloropropene	EPA-8260	<5	ug/kg	JF-BX-30	04/11/01
Trichloroethene	EPA-8260	<5	ug/kg	JF-BX-30	04/11/01
Benzene	EPA-8260	<5	ug/kg	JF-BX-30	04/11/01
Dibromochloromethane	EPA-8260	<5	ug/kg	JF-BX-30	04/11/01
1,1,2-Trichloroethane	EPA-8260	<5	ug/kg	JF-BX-30	04/11/01

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CLIENT: Central Hudson Gas & Electric
CLIENT'S SAMPLE ID: LBR-POST 8
AES sample #: 010411 E01
Samples taken by: M. Miller
MATRIX: Soil
Date Sampled: 04/10/01
Date sample received: 04/11/01
Location: Little Britain
grab

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
cis-1,3-Dichloropropene	EPA-8260	<5	ug/kg	JF-BX-30	04/11/01
2-Chloroethylvinylether	EPA-8260	<10	ug/kg	JF-BX-30	04/11/01
Bromoform	EPA-8260	<5	ug/kg	JF-BX-30	04/11/01
1,1,2,2-Tetrachloroethane	EPA-8260	<5	ug/kg	JF-BX-30	04/11/01
Tetrachloroethene	EPA-8260	<5	ug/kg	JF-BX-30	04/11/01
Toluene	EPA-8260	<5	ug/kg	JF-BX-30	04/11/01
Chlorobenzene	EPA-8260	<5	ug/kg	JF-BX-30	04/11/01
Ethylbenzene	EPA-8260	<5	ug/kg	JF-BX-30	04/11/01
Xylenes,Total	EPA-8260	<5	ug/kg	JF-BX-30	04/11/01

APPROVED BY: Christopher Keo
Report date: 04/11/01

Attachment 2-5

Air Samples

Galson Laboratories
6601 Kirkville Rd. E Syracuse,NY 13057

LABORATORY ANALYSIS REPORT

Client : Blasland, Bouck & Lee
Site : Central Hudson Gas & Electric
Project No. : Little Britain Road

Date Sampled : 26-MAR-01 Account No.: 10624
Date Received : 27-MAR-01 Login No. : L69563
Date Analyzed : 28-MAR-01

Other Volatile Organics

Sample ID	Lab ID	Time minutes	Front ug	Back ug	Total ug	ppm
BLANK	L69563-1	NA	<15	<15	< 15	NA
AIR-1	L69563-2	480	<15	<15	< 15	< 0.3

COMMENTS: Quantified as n-hexane.

Level of quantitation: 14 ug
Analytical Method : OVM 3M
OSHA PEL (TWA) : NA
Collection Media : OVM2-3520

Submitted by: LEO LUCISANO
Approved by : jal
Date : 28-MAR-01
QC by: QC STAFF
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters kg -Kilograms
> -Greater Than ug -Micrograms l -Liters NS -Not Specified
NA -Not Applicable ND -Not Detected ppm -Parts per Million

Galson Laboratories
6601 Kirkville Rd. E Syracuse, NY 13057

LABORATORY ANALYSIS REPORT

Client : Blasland, Bouck & Lee
Site : Central Hudson Gas & Electric
Project No. : Little Britain Road

Date Sampled : 26-MAR-01
Date Received : 27-MAR-01
Date Analyzed : 28-MAR-01

Account No.: 10624
Login No. : L69563

Vinyl Chloride

Sample ID	Lab ID	Time minutes	Front ug	Back ug	Total ug	ppm
BLANK	L69563-1	NA	<2	<2	< 2	NA
AIR-1	L69563-2	480	<2	<2	< 2	< 0.04

Level of quantitation: 2 ug
Analytical Method : OVM 3M
OSHA PEL (TWA) : 1 ppm
Collection Media : OVM2-3520

Submitted by: LEO LUCISANO
Approved by : jal
Date : 28-MAR-01
QC by: QC STAFF
NYS DOH # : 11626

< -Less Than
> -Greater Than
NA -Not Applicable
mg -Milligrams
ug -Micrograms
ND -Not Detected
m3 -Cubic Meters
l -Liters
ppm -Parts per Million
kg -Kilograms
NS -Not Specified

Galson Laboratories

6601 Kirkville Road
E. Syracuse, NY 13057-0369
Phone: (315) 432-5227
Fax: (315) 437-0571
www.galsonlabs.com

LABORATORY ANALYSIS REPORT

Client : Blasland, Bouck & Lee
Site : Central Hudson Gas + Electric
Project No. : Little Britain Road 205.29

Date Sampled : 29-MAR-01
Date Received : 30-MAR-01
Date Analyzed : 30-MAR-01

Account No.: 10624
Login No. : L69723

Other Volatile Organics

Sample ID	Lab ID	Time minutes	Front ug	Back ug	Total ug	ppm
AIR-2	L69723-1	480	<15	<15	< 14	< 0.2
BLANK	L69723-2	NA	<15	<15	< 14	NA

Level of quantitation: 14 ug
Analytical Method : OVM 3M
OSHA PEL (TWA) : NA
Collection Media : OVM2-3520

Submitted by: JK
Approved by : jal
Date : 02-APR-01
QC by:
NYS DOH # : 11626

< -Less Than
> -Greater Than
NA -Not Applicable
mg -Milligrams
ug -Micrograms
ND -Not Detected
m3 -Cubic Meters
l -Liters
ppm -Parts per Million
kg -Kilograms
NS -Not Specified

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LABORATORY ANALYSIS REPORT

Client : Blasland, Bouck & Lee
Site : Central Hudson Gas + Electric
Project No. : Little Britain Road 205.29

Date Sampled : 29-MAR-01
Date Received : 30-MAR-01
Date Analyzed : 30-MAR-01

Account No.: 10624
Login No. : L69723

Vinyl Chloride

Sample ID	Lab ID	Time minutes	Front ug	Back ug	Total ug	ppm
AIR-2	L69723-1	480	<2	<2	< 2	< 0.04
BLANK	L69723-2	NA	<2	<2	< 2	NA

Level of quantitation: 2 ug
Analytical Method : OVM 3M
OSHA PEL (TWA) : 1 ppm
Collection Media : OVM2-3520

Submitted by: JK
Approved by : jal
Date : 02-APR-01
QC by:
NYS DOH # : 11626

< -Less Than
> -Greater Than
NA -Not Applicable
mg -Milligrams
ug -Micrograms
ND -Not Detected
m3 -Cubic Meters
l -Liters
ppm -Parts per Million
kg -Kilograms
NS -Not Specified

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LABORATORY ANALYSIS REPORT

Client : Blasland, Bouck & Lee
Site : CHGE-Little Britain Road
Project No. : 205.29.002

Date Sampled : 04-APR-01
Date Received : 05-APR-01
Date Analyzed : 06-APR-01

Account No.: 10624
Login No. : L69891

Other Volatile Organics

Sample ID	Lab ID	Time minutes	Front ug		Back ug	Total ug	ppm
BLANK	L69891-1	NA	<15		<15	< 15	NA
AIR-3	L69891-2	480	<15	-	<15	< 15	< 0.2

COMMENTS: Quantified as n-hexane.

Level of quantitation: 14 ug
Analytical Method : OVM 3M
OSHA PEL (TWA) : NA
Collection Media : OVM2-3520

Submitted by: BJC
Approved by : jal
Date : 06-APR-01
QC by:
NYS DOH # : 11626

< -Less Than
> -Greater Than
NA -Not Applicable
mg -Milligrams
ug -Micrograms
ND -Not Detected
m3 -Cubic Meters
l -Liters
ppm -Parts per Million
kg -Kilograms
NS -Not Specified

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LABORATORY ANALYSIS REPORT

Client : Blasland, Bouck & Lee
Site : CHGE-Little Britain Road
Project No. : 205.29.002

Date Sampled : 04-APR-01
Date Received : 05-APR-01
Date Analyzed : 06-APR-01

Account No.: 10624
Login No. : L69891

Vinyl Chloride

Sample ID	Lab ID	Time minutes	Front ug		Back ug	Total ug	ppm
BLANK	L69891-1	NA	<2		<2	< 2	NA
AIR-3	L69891-2	480	<2	-	<2	< 2	< 0.04

Level of quantitation: 2 ug
Analytical Method : OVM 3M
OSHA PEL (TWA) : 1 ppm
Collection Media : OVM2-3520

Submitted by: BJC
Approved by : jal
Date : 06-APR-01
QC by:
NYS DOH # : 11626

< -Less Than
> -Greater Than
NA -Not Applicable
mg -Milligrams
ug -Micrograms
ND -Not Detected
m3 -Cubic Meters
l -Liters
ppm -Parts per Million
kg -Kilograms
NS -Not Specified

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LABORATORY ANALYSIS REPORT

Client : Blasland, Bouck & Lee
Site : CHGE-Little Britain Road
Project No. : 205.29.002

Date Sampled : 10-APR-01
Date Received : 11-APR-01
Date Analyzed : 11-APR-01

Account No.: 10624
Login No. : L70066

Other Volatile Organics

Sample ID	Lab ID	Time minutes	Front ug	Back ug	Total ug	ppm
AIR-4	L70066-1	480	<10	<10	< 10	< 0.2
BLANK	L70066-2	NA	<10	<10	< 10	NA

COMMENTS: Quantified as n-hexane.

Level of quantitation: 10 ug
Analytical Method : OVM 3M
OSHA PEL (TWA) : NA
Collection Media : OVM2-3520

Submitted by: SF
Approved by : jal
Date : 12-APR-01
QC by:
NYS DOH # : 11626

< -Less Than
> -Greater Than
NA -Not Applicable
mg -Milligrams
ug -Micrograms
ND -Not Detected
m3 -Cubic Meters
l -Liters
ppm -Parts per Million
kg -Kilograms
NS -Not Specified

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LABORATORY ANALYSIS REPORT

Client : Blasland, Bouck & Lee
Site : CHGE-Little Britain Road
Project No. : 205.29.002

Date Sampled : 10-APR-01
Date Received : 11-APR-01
Date Analyzed : 11-APR-01

Account No.: 10624
Login No. : L70066

Vinyl Chloride

Sample ID	Lab ID	Time minutes	Front ug	Back ug	Total ug	ppm
AIR-4	L70066-1	480	<1	<1	< 1	< 0.02
BLANK	L70066-2	NA	<1	<1	< 1	NA

Level of quantitation: 1 ug
Analytical Method : OVM 3M
OSHA PEL (TWA) : 1 ppm
Collection Media : OVM2-3520

Submitted by: SF
Approved by : jal
Date : 12-APR-01
QC by:
NYS DOH # : 11626

< -Less Than
> -Greater Than
NA -Not Applicable
mg -Milligrams
ug -Micrograms
ND -Not Detected
m3 -Cubic Meters
l -Liters
ppm -Parts per Million
kg -Kilograms
NS -Not Specified

Attachment 2-6

Initial Post-Remediation Groundwater Samples

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 06/28/01

Blasland, Bouck & Lee, Inc.
Project Reference: CHGE LITTLE BRITAIN ROAD PROJECT #205.29.003
Client Sample ID : MW94-5

Date Sampled : 06/12/01 12:35 **Order #:** 470782 **Sample Matrix:** WATER
Date Received: 06/13/01 **Submission #:** R2107328 **Analytical Run** 65894

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 06/19/01			
ANALYTICAL DILUTION: 1.00			
ACETONE	20	20 U	UG/L
BENZENE	5.0	5.0 U	UG/L
BROMODICHLOROMETHANE	5.0	5.0 U	UG/L
BROMOFORM	5.0	5.0 U	UG/L
BROMOMETHANE	5.0	5.0 U	UG/L
2-BUTANONE (MEK)	10	10 U	UG/L
CARBON DISULFIDE	10	10 U	UG/L
CARBON TETRACHLORIDE	5.0	5.0 U	UG/L
CHLOROBENZENE	5.0	5.0 U	UG/L
CHLOROETHANE	5.0	5.0 U	UG/L
CHLOROFORM	5.0	5.0 U	UG/L
CHLOROMETHANE	5.0	5.0 U	UG/L
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHANE	5.0	5.0 U	UG/L
1,2-DICHLOROETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHENE	5.0	5.0 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
ETHYLBENZENE	5.0	5.0 U	UG/L
2-HEXANONE	10	10 U	UG/L
METHYLENE CHLORIDE	5.0	5.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/L
STYRENE	5.0	5.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	UG/L
TETRACHLOROETHENE	5.0	5.0 U	UG/L
TOLUENE	5.0	5.0 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/L
TRICHLOROETHENE	5.0	5.0 U	UG/L
VINYL CHLORIDE	5.0	5.0 U	UG/L
O-XYLENE	5.0	5.0 U	UG/L
M+P-XYLENE	5.0	5.0 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(86 - 115 %)	104	%
TOLUENE-D8	(88 - 110 %)	102	%
DIBROMOFLUOROMETHANE	(86 - 118 %)	101	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 06/28/01

Blasland, Bouck & Lee, Inc.
Project Reference: CHGE LITTLE BRITAIN ROAD PROJECT #205.29.003
Client Sample ID : MW96-7B

Date Sampled : 06/12/01 10:50 **Order #:** 470783 **Sample Matrix:** WATER
Date Received: 06/13/01 **Submission #:** R2107328 **Analytical Run** 65894

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 06/19/01			
ANALYTICAL DILUTION: 1.00			
ACETONE	20	20 U	UG/L
BENZENE	5.0	5.0 U	UG/L
BROMODICHLOROMETHANE	5.0	5.0 U	UG/L
BROMOFORM	5.0	5.0 U	UG/L
BROMOMETHANE	5.0	5.0 U	UG/L
2-BUTANONE (MEK)	10	10 U	UG/L
CARBON DISULFIDE	10	10 U	UG/L
CARBON TETRACHLORIDE	5.0	5.0 U	UG/L
CHLOROBENZENE	5.0	5.0 U	UG/L
CHLOROETHANE	5.0	5.0 U	UG/L
CHLOROFORM	5.0	5.0 U	UG/L
CHLOROMETHANE	5.0	5.0 U	UG/L
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHANE	5.0	14	UG/L
1,2-DICHLOROETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHENE	5.0	5.0 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	62	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
ETHYLBENZENE	5.0	5.0 U	UG/L
2-HEXANONE	10	10 U	UG/L
METHYLENE CHLORIDE	5.0	5.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/L
STYRENE	5.0	5.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	UG/L
TETRACHLOROETHENE	5.0	5.0 U	UG/L
TOLUENE	5.0	5.0 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/L
TRICHLOROETHENE	5.0	21	UG/L
VINYL CHLORIDE	5.0	35	UG/L
O-XYLENE	5.0	5.0 U	UG/L
M+P-XYLENE	5.0	5.0 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(86 - 115 %)	103	%
TOLUENE-D8	(88 - 110 %)	104	%
DIBROMOFLUOROMETHANE	(86 - 118 %)	104	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 06/28/01

Blasland, Bouck & Lee, Inc.
Project Reference: CHGE LITTLE BRITAIN ROAD PROJECT #205.29.003
Client Sample ID : MW01-8A

Date Sampled : 06/11/01 18:20 **Order #:** 470784 **Sample Matrix:** WATER
Date Received: 06/13/01 **Submission #:** R2107328 **Analytical Run** 65894

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 06/19/01			
ANALYTICAL DILUTION: 1.00			
ACETONE	20	20 U	UG/L
BENZENE	5.0	5.0 U	UG/L
BROMODICHLOROMETHANE	5.0	5.0 U	UG/L
BROMOFORM	5.0	5.0 U	UG/L
BROMOMETHANE	5.0	5.0 U	UG/L
2-BUTANONE (MEK)	10	10 U	UG/L
CARBON DISULFIDE	10	10 U	UG/L
CARBON TETRACHLORIDE	5.0	5.0 U	UG/L
CHLOROBENZENE	5.0	5.0 U	UG/L
CHLOROETHANE	5.0	5.0 U	UG/L
CHLOROFORM	5.0	5.0 U	UG/L
CHLOROMETHANE	5.0	5.0 U	UG/L
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHANE	5.0	5.0 U	UG/L
1,2-DICHLOROETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHENE	5.0	5.0 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	21	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
ETHYLBENZENE	5.0	5.0 U	UG/L
2-HEXANONE	10	10 U	UG/L
METHYLENE CHLORIDE	5.0	5.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/L
STYRENE	5.0	5.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	UG/L
TETRACHLOROETHENE	5.0	5.0 U	UG/L
TOLUENE	5.0	5.0 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/L
TRICHLOROETHENE	5.0	28	UG/L
VINYL CHLORIDE	5.0	5.0 U	UG/L
O-XYLENE	5.0	5.0 U	UG/L
M+P-XYLENE	5.0	5.0 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(86 - 115 %)	100	%
TOLUENE-D8	(88 - 110 %)	102	%
DIBROMOFLUOROMETHANE	(86 - 118 %)	99	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 06/28/01

Blasland, Bouck & Lee, Inc.
Project Reference: CHGE LITTLE BRITAIN ROAD PROJECT #205.29.003
Client Sample ID : MW01-8B

Date Sampled : 06/11/01 16:15 **Order #:** 470785 **Sample Matrix:** WATER
Date Received: 06/13/01 **Submission #:** R2107328 **Analytical Run** 65894

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 06/19/01			
ANALYTICAL DILUTION: 1.00			
ACETONE	20	20 U	UG/L
BENZENE	5.0	5.0 U	UG/L
BROMODICHLOROMETHANE	5.0	5.0 U	UG/L
BROMOFORM	5.0	5.0 U	UG/L
BROMOMETHANE	5.0	5.0 U	UG/L
2-BUTANONE (MEK)	10	10 U	UG/L
CARBON DISULFIDE	10	10 U	UG/L
CARBON TETRACHLORIDE	5.0	5.0 U	UG/L
CHLOROBENZENE	5.0	5.0 U	UG/L
CHLOROETHANE	5.0	5.0 U	UG/L
CHLOROFORM	5.0	5.0 U	UG/L
CHLOROMETHANE	5.0	5.0 U	UG/L
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHANE	5.0	5.0 U	UG/L
1,2-DICHLOROETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHENE	5.0	5.0 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	780 E	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	5.4	UG/L
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
ETHYLBENZENE	5.0	5.0 U	UG/L
2-HEXANONE	10	10 U	UG/L
METHYLENE CHLORIDE	5.0	5.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/L
STYRENE	5.0	5.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	UG/L
TETRACHLOROETHENE	5.0	5.0 U	UG/L
TOLUENE	5.0	11	UG/L
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/L
TRICHLOROETHENE	5.0	670 E	UG/L
VINYL CHLORIDE	5.0	80	UG/L
O-XYLENE	5.0	5.0 U	UG/L
M+P-XYLENE	5.0	5.0 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(86 - 115 %)	99	%
TOLUENE-D8	(88 - 110 %)	104	%
DIBROMOFLUOROMETHANE	(86 - 118 %)	99	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 06/28/01

Blasland, Bouck & Lee, Inc.
Project Reference: CHGE LITTLE BRITAIN ROAD PROJECT #205.29.003
Client Sample ID : MW01-8B

Date Sampled : 06/11/01 16:15 **Order #:** 470785 **Sample Matrix:** WATER
Date Received: 06/13/01 **Submission #:** R2107328 **Analytical Run** 65894

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 06/21/01			
ANALYTICAL DILUTION: 5.00			
ACETONE	20	100 U	UG/L
BENZENE	5.0	25 U	UG/L
BROMODICHLOROMETHANE	5.0	25 U	UG/L
BROMOFORM	5.0	25 U	UG/L
BROMOMETHANE	5.0	25 U	UG/L
2-BUTANONE (MEK)	10	50 U	UG/L
CARBON DISULFIDE	10	50 U	UG/L
CARBON TETRACHLORIDE	5.0	25 U	UG/L
CHLOROBENZENE	5.0	25 U	UG/L
CHLOROETHANE	5.0	25 U	UG/L
CHLOROFORM	5.0	25 U	UG/L
CHLOROMETHANE	5.0	25 U	UG/L
DIBROMOCHLOROMETHANE	5.0	25 U	UG/L
1,1-DICHLOROETHANE	5.0	25 U	UG/L
1,2-DICHLOROETHANE	5.0	25 U	UG/L
1,1-DICHLOROETHENE	5.0	25 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	740	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	25 U	UG/L
1,2-DICHLOROPROPANE	5.0	25 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	25 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	25 U	UG/L
ETHYLBENZENE	5.0	25 U	UG/L
2-HEXANONE	10	50 U	UG/L
METHYLENE CHLORIDE	5.0	25 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	50 U	UG/L
STYRENE	5.0	25 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	25 U	UG/L
TETRACHLOROETHENE	5.0	25 U	UG/L
TOLUENE	5.0	25 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	25 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	25 U	UG/L
TRICHLOROETHENE	5.0	640	UG/L
VINYL CHLORIDE	5.0	70	UG/L
O-XYLENE	5.0	25 U	UG/L
M+P-XYLENE	5.0	25 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(86 - 115 %)	99	%
TOLUENE-D8	(88 - 110 %)	105	%
DIBROMOFLUOROMETHANE	(86 - 118 %)	102	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 06/28/01

Blasland, Bouck & Lee, Inc.
Project Reference: CHGE LITTLE BRITAIN ROAD PROJECT #205.29.003
Client Sample ID : MW94-1B

Date Sampled : 06/12/01 08:30 **Order #:** 470786 **Sample Matrix:** WATER
Date Received: 06/13/01 **Submission #:** R2107328 **Analytical Run** 65894

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 06/19/01			
ANALYTICAL DILUTION: 1.00			
ACETONE	20	20 U	UG/L
BENZENE	5.0	5.0 U	UG/L
BROMODICHLOROMETHANE	5.0	5.0 U	UG/L
BROMOFORM	5.0	5.0 U	UG/L
BROMOMETHANE	5.0	5.0 U	UG/L
2-BUTANONE (MEK)	10	10 U	UG/L
CARBON DISULFIDE	10	10 U	UG/L
CARBON TETRACHLORIDE	5.0	5.0 U	UG/L
CHLOROBENZENE	5.0	5.0 U	UG/L
CHLOROETHANE	5.0	5.0 U	UG/L
CHLOROFORM	5.0	5.0 U	UG/L
CHLOROMETHANE	5.0	5.0 U	UG/L
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHANE	5.0	5.0 U	UG/L
1,2-DICHLOROETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHENE	5.0	5.0 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	78	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
ETHYLBENZENE	5.0	5.0 U	UG/L
2-HEXANONE	10	10 U	UG/L
METHYLENE CHLORIDE	5.0	5.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/L
STYRENE	5.0	5.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	UG/L
TETRACHLOROETHENE	5.0	5.0 U	UG/L
TOLUENE	5.0	5.0 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/L
TRICHLOROETHENE	5.0	13	UG/L
VINYL CHLORIDE	5.0	5.0 U	UG/L
O-XYLENE	5.0	5.0 U	UG/L
M+P-XYLENE	5.0	5.0 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(86 - 115 %)	101	%
TOLUENE-D8	(88 - 110 %)	100	%
DIBROMOFLUOROMETHANE	(86 - 118 %)	99	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 06/28/01

Blasland, Bouck & Lee, Inc.
Project Reference: CHGE LITTLE BRITAIN ROAD PROJECT #205.29.003
Client Sample ID : MW96-6

Date Sampled : 06/12/01 09:50 **Order #:** 470787 **Sample Matrix:** WATER
Date Received: 06/13/01 **Submission #:** R2107328 **Analytical Run** 65894

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 06/19/01			
ANALYTICAL DILUTION: 1.00			
ACETONE	20	20 U	UG/L
BENZENE	5.0	5.0 U	UG/L
BROMODICHLOROMETHANE	5.0	5.0 U	UG/L
BROMOFORM	5.0	5.0 U	UG/L
BROMOMETHANE	5.0	5.0 U	UG/L
2-BUTANONE (MEK)	10	10 U	UG/L
CARBON DISULFIDE	10	10 U	UG/L
CARBON TETRACHLORIDE	5.0	5.0 U	UG/L
CHLOROBENZENE	5.0	5.0 U	UG/L
CHLOROETHANE	5.0	5.0 U	UG/L
CHLOROFORM	5.0	5.0 U	UG/L
CHLOROMETHANE	5.0	5.0 U	UG/L
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHANE	5.0	5.0 U	UG/L
1,2-DICHLOROETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHENE	5.0	5.0 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
ETHYLBENZENE	5.0	5.0 U	UG/L
2-HEXANONE	10	10 U	UG/L
METHYLENE CHLORIDE	5.0	5.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/L
STYRENE	5.0	5.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	UG/L
TETRACHLOROETHENE	5.0	5.0 U	UG/L
TOLUENE	5.0	5.0 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/L
TRICHLOROETHENE	5.0	5.0 U	UG/L
VINYL CHLORIDE	5.0	5.0 U	UG/L
O-XYLENE	5.0	5.0 U	UG/L
M+P-XYLENE	5.0	5.0 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(86 - 115 %)	103	%
TOLUENE-D8	(88 - 110 %)	103	%
DIBROMOFLUOROMETHANE	(86 - 118 %)	99	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 06/28/01

Blasland, Bouck & Lee, Inc.
Project Reference: CHGE LITTLE BRITAIN ROAD PROJECT #205.29.003
Client Sample ID : TRIP BLANK

Date Sampled : 06/11/01 **Order #:** 470788 **Sample Matrix:** WATER
Date Received: 06/13/01 **Submission #:** R2107328 **Analytical Run** 65894

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 06/19/01			
ANALYTICAL DILUTION: 1.00			
ACETONE	20	20 U	UG/L
BENZENE	5.0	5.0 U	UG/L
BROMODICHLOROMETHANE	5.0	5.0 U	UG/L
BROMOFORM	5.0	5.0 U	UG/L
BROMOMETHANE	5.0	5.0 U	UG/L
2-BUTANONE (MEK)	10	10 U	UG/L
CARBON DISULFIDE	10	10 U	UG/L
CARBON TETRACHLORIDE	5.0	5.0 U	UG/L
CHLOROBENZENE	5.0	5.0 U	UG/L
CHLOROETHANE	5.0	5.0 U	UG/L
CHLOROFORM	5.0	5.0 U	UG/L
CHLOROMETHANE	5.0	5.0 U	UG/L
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHANE	5.0	5.0 U	UG/L
1,2-DICHLOROETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHENE	5.0	5.0 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
ETHYLBENZENE	5.0	5.0 U	UG/L
2-HEXANONE	10	10 U	UG/L
METHYLENE CHLORIDE	5.0	5.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/L
STYRENE	5.0	5.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	UG/L
TETRACHLOROETHENE	5.0	5.0 U	UG/L
TOLUENE	5.0	5.0 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/L
TRICHLOROETHENE	5.0	5.0 U	UG/L
VINYL CHLORIDE	5.0	5.0 U	UG/L
O-XYLENE	5.0	5.0 U	UG/L
M+P-XYLENE	5.0	5.0 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(86 - 115 %)	102	%
TOLUENE-D8	(88 - 110 %)	101	%
DIBROMOFLUOROMETHANE	(86 - 118 %)	101	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 06/28/01

Blasland, Bouck & Lee, Inc.
Project Reference: CHGE LITTLE BRITAIN ROAD PROJECT #205.29.003
Client Sample ID : MW94-5 LAB DUPLICATE

Date Sampled : 06/12/01 12:35 **Order #:** 471381 **Sample Matrix:** WATER
Date Received: 06/13/01 **Submission #:** R2107328 **Analytical Run** 65894

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 06/19/01			
ANALYTICAL DILUTION: 1.00			
ACETONE	20	20 U	UG/L
BENZENE	5.0	5.0 U	UG/L
BROMODICHLOROMETHANE	5.0	5.0 U	UG/L
BROMOFORM	5.0	5.0 U	UG/L
BROMOMETHANE	5.0	5.0 U	UG/L
2-BUTANONE (MEK)	10	10 U	UG/L
CARBON DISULFIDE	10	10 U	UG/L
CARBON TETRACHLORIDE	5.0	5.0 U	UG/L
CHLOROBENZENE	5.0	5.0 U	UG/L
CHLOROETHANE	5.0	5.0 U	UG/L
CHLOROFORM	5.0	5.0 U	UG/L
CHLOROMETHANE	5.0	5.0 U	UG/L
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHANE	5.0	5.0 U	UG/L
1,2-DICHLOROETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHENE	5.0	5.0 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
ETHYLBENZENE	5.0	5.0 U	UG/L
2-HEXANONE	10	10 U	UG/L
METHYLENE CHLORIDE	5.0	5.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/L
STYRENE	5.0	5.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	UG/L
TETRACHLOROETHENE	5.0	5.0 U	UG/L
TOLUENE	5.0	5.0 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/L
TRICHLOROETHENE	5.0	5.0 U	UG/L
VINYL CHLORIDE	5.0	5.0 U	UG/L
O-XYLENE	5.0	5.0 U	UG/L
M+P-XYLENE	5.0	5.0 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(86 - 115 %)	100	%
TOLUENE-D8	(88 - 110 %)	103	%
DIBROMOFLUOROMETHANE	(86 - 118 %)	102	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 06/28/01

Project Reference:
Client Sample ID : METHOD BLANK

Date Sampled : **Order #:** 473637 **Sample Matrix:** WATER
Date Received: **Submission #:** **Analytical Run** 65894

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 06/19/01			
ANALYTICAL DILUTION: 1.00			
ACETONE	20	20 U	UG/L
BENZENE	5.0	5.0 U	UG/L
BROMODICHLOROMETHANE	5.0	5.0 U	UG/L
BROMOFORM	5.0	5.0 U	UG/L
BROMOMETHANE	5.0	5.0 U	UG/L
2-BUTANONE (MEK)	10	10 U	UG/L
CARBON DISULFIDE	10	10 U	UG/L
CARBON TETRACHLORIDE	5.0	5.0 U	UG/L
CHLOROBENZENE	5.0	5.0 U	UG/L
CHLOROETHANE	5.0	5.0 U	UG/L
CHLOROFORM	5.0	5.0 U	UG/L
CHLOROMETHANE	5.0	5.0 U	UG/L
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHANE	5.0	5.0 U	UG/L
1,2-DICHLOROETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHENE	5.0	5.0 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
ETHYLBENZENE	5.0	5.0 U	UG/L
2-HEXANONE	10	10 U	UG/L
METHYLENE CHLORIDE	5.0	5.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/L
STYRENE	5.0	5.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	UG/L
TETRACHLOROETHENE	5.0	5.0 U	UG/L
TOLUENE	5.0	5.0 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/L
TRICHLOROETHENE	5.0	5.0 U	UG/L
VINYL CHLORIDE	5.0	5.0 U	UG/L
O-XYLENE	5.0	5.0 U	UG/L
M+P-XYLENE	5.0	5.0 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(86 - 115 %)	99	%
TOLUENE-D8	(88 - 110 %)	103	%
DIBROMOFLUOROMETHANE	(86 - 118 %)	99	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 06/28/01

Project Reference:
Client Sample ID : METHOD BLANK

Date Sampled : **Order #:** 473639 **Sample Matrix:** WATER
Date Received: **Submission #:** **Analytical Run** 65894

DATE ANALYZED : 06/19/01
ANALYTICAL DILUTION: 1.00

ANALYTE	PQL	RESULT	UNITS
ACETONE	20	20 U	UG/L
BENZENE	5.0	5.0 U	UG/L
BROMODICHLOROMETHANE	5.0	5.0 U	UG/L
BROMOFORM	5.0	5.0 U	UG/L
BROMOMETHANE	5.0	5.0 U	UG/L
2-BUTANONE (MEK)	10	10 U	UG/L
CARBON DISULFIDE	10	10 U	UG/L
CARBON TETRACHLORIDE	5.0	5.0 U	UG/L
CHLOROBENZENE	5.0	5.0 U	UG/L
CHLOROETHANE	5.0	5.0 U	UG/L
CHLOROFORM	5.0	5.0 U	UG/L
CHLOROMETHANE	5.0	5.0 U	UG/L
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHANE	5.0	5.0 U	UG/L
1,2-DICHLOROETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHENE	5.0	5.0 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
ETHYLBENZENE	5.0	5.0 U	UG/L
2-HEXANONE	10	10 U	UG/L
METHYLENE CHLORIDE	5.0	5.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/L
STYRENE	5.0	5.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	UG/L
TETRACHLOROETHENE	5.0	5.0 U	UG/L
TOLUENE	5.0	5.0 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/L
TRICHLOROETHENE	5.0	5.0 U	UG/L
VINYL CHLORIDE	5.0	5.0 U	UG/L
O-XYLENE	5.0	5.0 U	UG/L
M+P-XYLENE	5.0	5.0 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(86 - 115 %)	101	%
TOLUENE-D8	(88 - 110 %)	102	%
DIBROMOFLUOROMETHANE	(86 - 118 %)	103	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 06/28/01

Project Reference:
Client Sample ID : METHOD BLANK

Date Sampled : **Order #:** 473641 **Sample Matrix:** WATER
Date Received: **Submission #:** **Analytical Run** 65894

DATE ANALYZED : 06/21/01
ANALYTICAL DILUTION: 1.00

ANALYTE	PQL	RESULT	UNITS
ACETONE	20	20 U	UG/L
BENZENE	5.0	5.0 U	UG/L
BROMODICHLOROMETHANE	5.0	5.0 U	UG/L
BROMOFORM	5.0	5.0 U	UG/L
BROMOMETHANE	5.0	5.0 U	UG/L
2-BUTANONE (MEK)	10	10 U	UG/L
CARBON DISULFIDE	10	10 U	UG/L
CARBON TETRACHLORIDE	5.0	5.0 U	UG/L
CHLOROBENZENE	5.0	5.0 U	UG/L
CHLOROETHANE	5.0	5.0 U	UG/L
CHLOROFORM	5.0	5.0 U	UG/L
CHLOROMETHANE	5.0	5.0 U	UG/L
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHANE	5.0	5.0 U	UG/L
1,2-DICHLOROETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHENE	5.0	5.0 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
ETHYLBENZENE	5.0	5.0 U	UG/L
2-HEXANONE	10	10 U	UG/L
METHYLENE CHLORIDE	5.0	5.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/L
STYRENE	5.0	5.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	UG/L
TETRACHLOROETHENE	5.0	5.0 U	UG/L
TOLUENE	5.0	5.0 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/L
TRICHLOROETHENE	5.0	5.0 U	UG/L
VINYL CHLORIDE	5.0	5.0 U	UG/L
O-XYLENE	5.0	5.0 U	UG/L
M+P-XYLENE	5.0	5.0 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(86 - 115 %)	101	%
TOLUENE-D8	(88 - 110 %)	103	%
DIBROMOFLUOROMETHANE	(86 - 118 %)	102	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD: 8260B TCL

LABORATORY REFERENCE SPIKE SUMMARY

REFERENCE ORDER #: 473638 ANALYTICAL RUN # : 65894

ANALYTE	TRUE VALUE	% RECOVERY	QC LIMITS
DATE ANALYZED : 06/19/01			
ANALYTICAL DILUTION: 1.0			
ACETONE	20.0	96	21 - 165
BENZENE	20.0	97	37 - 151
BROMODICHLOROMETHANE	20.0	100	35 - 155
BROMOFORM	20.0	95	45 - 169
BROMOMETHANE	20.0	108	10 - 242
2-BUTANONE (MEK)	20.0	91	25 - 162
CARBON DISULFIDE	20.0	95	45 - 148
CARBON TETRACHLORIDE	20.0	85	70 - 140
CHLOROBENZENE	20.0	96	37 - 160
CHLOROETHANE	20.0	99	53 - 149
CHLOROFORM	20.0	98	51 - 138
CHLOROMETHANE	20.0	113	10 - 273
DIBROMOCHLOROMETHANE	20.0	93	53 - 149
1,1-DICHLOROETHANE	20.0	101	59 - 155
1,2-DICHLOROETHANE	20.0	98	49 - 155
1,1-DICHLOROETHENE	20.0	86	10 - 234
CIS-1,2-DICHLOROETHENE	20.0	121	54 - 156
TRANS-1,2-DICHLOROETHENE	20.0	92	54 - 156
1,2-DICHLOROPROPANE	20.0	97	10 - 210
CIS-1,3-DICHLOROPROPENE	20.0	95	10 - 227
TRANS-1,3-DICHLOROPROPENE	20.0	99	17 - 183
ETHYLBENZENE	20.0	96	37 - 162
2-HEXANONE	20.0	85	22 - 155
METHYLENE CHLORIDE	20.0	96	10 - 221
4-METHYL-2-PENTANONE (MIBK)	20.0	89	46 - 157
STYRENE	20.0	99	66 - 144
1,1,2,2-TETRACHLOROETHANE	20.0	83	46 - 157
TETRACHLOROETHENE	20.0	90	64 - 148
TOLUENE	20.0	99	47 - 150
1,1,1-TRICHLOROETHANE	20.0	85	52 - 162
1,1,2-TRICHLOROETHANE	20.0	97	52 - 150
TRICHLOROETHENE	20.0	107	71 - 157
VINYL CHLORIDE	20.0	103	10 - 251
O-XYLENE	20.0	93	71 - 135
M+P-XYLENE	40.0	93	71 - 135

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD: 8260B TCL

LABORATORY REFERENCE SPIKE SUMMARY

REFERENCE ORDER #: 473640 ANALYTICAL RUN # : 65894

DATE ANALYZED : 06/19/01
ANALYTICAL DILUTION: 1.0

ANALYTE	TRUE VALUE	% RECOVERY	QC LIMITS
ACETONE	20.0	100	21 - 165
BENZENE	20.0	108	37 - 151
BROMODICHLOROMETHANE	20.0	106	35 - 155
BROMOFORM	20.0	107	45 - 169
BROMOMETHANE	20.0	111	10 - 242
2-BUTANONE (MEK)	20.0	101	25 - 162
CARBON DISULFIDE	20.0	96	45 - 148
CARBON TETRACHLORIDE	20.0	100	70 - 140
CHLOROBENZENE	20.0	103	37 - 160
CHLOROETHANE	20.0	107	53 - 149
CHLOROFORM	20.0	105	51 - 138
HLOROMETHANE	20.0	120	10 - 273
DIBROMOCHLOROMETHANE	20.0	99	53 - 149
1,1-DICHLOROETHANE	20.0	107	59 - 155
1,2-DICHLOROETHANE	20.0	108	49 - 155
1,1-DICHLOROETHENE	20.0	99	10 - 234
CIS-1,2-DICHLOROETHENE	20.0	102	54 - 156
TRANS-1,2-DICHLOROETHENE	20.0	100	54 - 156
1,2-DICHLOROPROPANE	20.0	100	10 - 210
CIS-1,3-DICHLOROPROPENE	20.0	107	10 - 227
TRANS-1,3-DICHLOROPROPENE	20.0	109	17 - 183
ETHYLBENZENE	20.0	107	37 - 162
2-HEXANONE	20.0	101	22 - 155
METHYLENE CHLORIDE	20.0	100	10 - 221
4-METHYL-2-PENTANONE (MIBK)	20.0	101	46 - 157
STYRENE	20.0	109	66 - 144
1,1,2,2-TETRACHLOROETHANE	20.0	102	46 - 157
TETRACHLOROETHENE	20.0	104	64 - 148
TOLUENE	20.0	106	47 - 150
1,1,1-TRICHLOROETHANE	20.0	98	52 - 162
1,1,2-TRICHLOROETHANE	20.0	110	52 - 150
TRICHLOROETHENE	20.0	105	71 - 157
VINYL CHLORIDE	20.0	109	10 - 251
O-XYLENE	20.0	106	71 - 135
M+P-XYLENE	40.0	105	71 - 135

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD: 8260B TCL

LABORATORY REFERENCE SPIKE SUMMARY

REFERENCE ORDER #: 473642 ANALYTICAL RUN # : 65894

ANALYTE	TRUE VALUE	% RECOVERY	QC LIMITS
DATE ANALYZED : 06/21/01			
ANALYTICAL DILUTION: 1.0			
ACETONE	20.0	116	21 - 165
BENZENE	20.0	109	37 - 151
BROMODICHLOROMETHANE	20.0	115	35 - 155
BROMOFORM	20.0	107	45 - 169
BROMOMETHANE	20.0	126	10 - 242
2-BUTANONE (MEK)	20.0	107	25 - 162
CARBON DISULFIDE	20.0	105	45 - 148
CARBON TETRACHLORIDE	20.0	92	70 - 140
CHLOROBENZENE	20.0	108	37 - 160
CHLOROETHANE	20.0	114	53 - 149
CHLOROFORM	20.0	110	51 - 138
CHLOROMETHANE	20.0	127	10 - 273
DIBROMOCHLOROMETHANE	20.0	104	53 - 149
1,1-DICHLOROETHANE	20.0	114	59 - 155
1,2-DICHLOROETHANE	20.0	113	49 - 155
1,1-DICHLOROETHENE	20.0	94	10 - 234
CIS-1,2-DICHLOROETHENE	20.0	110	54 - 156
TRANS-1,2-DICHLOROETHENE	20.0	106	54 - 156
1,2-DICHLOROPROPANE	20.0	108	10 - 210
CIS-1,3-DICHLOROPROPENE	20.0	111	10 - 227
TRANS-1,3-DICHLOROPROPENE	20.0	115	17 - 183
ETHYLBENZENE	20.0	109	37 - 162
2-HEXANONE	20.0	107	22 - 155
METHYLENE CHLORIDE	20.0	107	10 - 221
4-METHYL-2-PENTANONE (MIBK)	20.0	104	46 - 157
STYRENE	20.0	108	66 - 144
1,1,2,2-TETRACHLOROETHANE	20.0	102	46 - 157
TETRACHLOROETHENE	20.0	101	64 - 148
TOLUENE	20.0	112	47 - 150
1,1,1-TRICHLOROETHANE	20.0	95	52 - 162
1,1,2-TRICHLOROETHANE	20.0	110	52 - 150
TRICHLOROETHENE	20.0	104	71 - 157
VINYL CHLORIDE	20.0	116	10 - 251
O-XYLENE	20.0	103	71 - 135
M+P-XYLENE	40.0	103	71 - 135

Attachment 3

Groundwater Sampling Logs

GROUND-WATER SAMPLING LOG

Well No. **MW94-1B**

Key No.

Date/Time 11/29/2000

Sample ID

Duplicate Sample ID NA

MS/MSD ID NA

Site Name Little Britain Road Service Center

Sampling Personnel NEG/TMH

Weather Partly cloudy, mid 40s F

PID Background NA

PID Well NA

WELL INFORMATION

	TIC	TOC	BGL
Reference Point Marked on Casing		Top of outer casing	
Well Diameter		3.78 inches	
Well Depth		24.5 feet	
Water Table Depth		8.45 feet	
Depth to Casing Below Grade		0.33 feet	

Slug Test? N Redevelop? (Y/N) N

WELL WATER INFORMATION

Length of Water Column	16.05 feet
Volume of Water in Well	9.6 gallons
Pumping Rate of Pump	approx 0.3 gpm
Volume of Bailer	NA
Minutes of Pumping	110 minutes
Number of Bails	NA

EVACUATION INFORMATION

Volume of Water Removed from Well 30 gallons

Did well go dry? N

Evacuation Method: Bailer ( ) Grundfos Pump ( ) Peristaltic Pump (X) [Pump & dedicated tubing]

Pumping Rate mL/min

	Time	Water Level (ft)	Temperature (celcius)	pH	SpC (ms/cm)	Turbidity (NTU)	DO (mg/L)	Gallons removed
Initial	1750	8.45						
1	1805	11	12	5.9	0.9	64	5.2	5
2	1830	11	12	6	0.9	10	4.8	10
3	1855	11	12	5.9	1	10	5.2	15
4	1910	11	12	5.8	0.9	2	5.5	20
5	1925	11	12	6.5	0.9	3	6.2	25
6	1940	11	12	6.6	0.9	3	6.4	30
7								
8								
9								
10								
11								
12								
Final								

MISCELLANEOUS OBSERVATIONS/PROBLEMS Slight odor.

SAMPLE DESTINATION

Analysis Requested **TCL VOCs** Method 8260

Laboratory Columbia Analytical

Via Courier

Sent By TMH/NEG

Field Sampling Coordinator

Notes:
TIC = Top of inner casing
TOC = Top of outer casing
BGL = Below ground level
gpm = Gallons per minute
C = Degrees Centigrade
mS/cm = MilliSiemens per centimeter
SU = Standard unit
NTU = Nephelometric Turbidity Units
mg/L = Milligrams per liter

GROUND-WATER SAMPLING LOG

Well No. **MW94-5**

Key No.

Date/Time 11/30/2000

Sample ID

Duplicate Sample ID NA

MS/MSD ID NA

Site Name Little Britain Road Service Center

Sampling Personnel NEG/TMH

Weather Cloudy, low 30s F

PID Background NA

PID Well NA

WELL INFORMATION

	TIC	TOC	BGL
Reference Point Marked on Casing	Top of PVC		
Well Diameter	2"		
Well Depth	18 feet		
Water Table Depth	6.6 feet		
Depth to Casing Below Grade	0.57 feet		

Slug Test? N Redevelop? (Y/N) N

WELL WATER INFORMATION

Length of Water Column	11.4 feet
Volume of Water in Well	1.9 gallons
Pumping Rate of Pump	approx 0.15 gpm
Volume of Bailer	NA
Minutes of Pumping	45 minutes
Number of Bails	NA

EVACUATION INFORMATION

Volume of Water Removed from Well 7.5 gallons

Did well go dry? N

Evacuation Method: Bailer ( ) Grundfos Pump ( ) Peristaltic Pump (X) [Pump & dedicated tubing]

Pumping Rate _____ mL/min

	Time	Water Level (ft)	Temperature (celcius)	pH	SpC (ms/cm)	Turbidity (NTU)	DO (mg/L)	Gallons removed
Initial	800	6.6						
1	825	6.7	11	7	0.69	NR	1.8	5
2	845	6.75	11	7	0.69	2	2.9	7.5
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
Final								

MISCELLANEOUS OBSERVATIONS/PROBLEMS

SAMPLE DESTINATION

Analysis Requested **TCL VOCs** Method 8260

Laboratory Columbia Analytical

Via Courier

Sent By TMH/NEG

Field Sampling Coordinator

Notes:
TIC = Top of inner casing.
TOC = Top of outer casing.
BGL = Below ground level.
gpm = Gallons per minute.
C = Degrees Centigrade.
mS/cm = MilliSiemens per centimeter.
SU = Standard unit.
NTU = Nephelometric Turbidity Units
mg/L = Milligrams per liter.

GROUND-WATER SAMPLING LOG

Well No. **MW96-6**

Key No. See notes below

Date/Time 11/29/2000

Sample ID

Duplicate Sample ID NA

MS/MSD ID NA

Site Name Little Britain Road Service Center

Sampling Personnel NEG/TMH

Weather Partly cloudy, mid 40s F

PID Background NA

PID Well NA

WELL INFORMATION

	TIC	TOC	BGL
Reference Point Marked on Casing	Top of PVC		
Well Diameter	2"		
Well Depth	30.5 feet		
Water Table Depth	9.9 feet		
Depth to Casing Below Grade	0.36 feet		

Slug Test? N

Redevelop? (Y/N) N

WELL WATER INFORMATION

Length of Water Column	20.6 feet
Volume of Water in Well	3.4 gallons
Pumping Rate of Pump	approx 0.1 gpm
Volume of Bailer	NA
Minutes of Pumping	80 minutes
Number of Bails	NA

EVACUATION INFORMATION

Volume of Water Removed from Well 7.5 gallons

Did well go dry? Y N

Evacuation Method: Bailer ( ) Grundfos Pump ( ) Peristaltic Pump (X) [Pump & dedicated tubing]

Pumping Rate _____ mL/min

	Time	Water Level (ft)	Temperature (celcius)	pH	SpC (ms/cm)	Turbidity (NTU)	DO (mg/L)	Gallons removed
Initial	1530	9.9						
1	1545	21.9	12.6	5.14	0.577	11	4.8	2.5
2	1600	22.5	12.1	6.3	0.547	10	5.71	5
3	1615	21.95	12	6.31	0.528	10	2.43	6
4	1635	21.95	12.3	6.25	0.521	10	9.61	7
5	1655	21.5	12.5	6.31	0.515	10	4.12	7.5
6								
7								
8								
9								
10								
11								
12								
Final								

MISCELLANEOUS OBSERVATIONS/PROBLEMS Protective well cap destroyed. Locking cap still in place. Recalibrate Horiba due to DO results.

SAMPLE DESTINATION

Analysis Requested **TCL VOCs** Method 8260

Laboratory Columbia Analytical

Via Courier

Sent By TMH/NEG

Field Sampling Coordinator

Notes:
TIC = Top of inner casing.
TOC = Top of outer casing.
BGL = Below ground level.
gpm = Gallons per minute.
C = Degrees Centigrade.
mS/cm = MilliSiemens per centimeter.
SU = Standard unit.
NTU = Nephelometric Turbidity Units
mg/L = Milligrams per liter.

GROUND-WATER SAMPLING LOG

Well No. **MW96-7B**

Key No.

Date/Time 11/30/2000

Sample ID

Duplicate Sample ID NA

MS/MSD ID NA

Site Name Little Britain Road Service Center

Sampling Personnel NEG/TMH

Weather Cloudy, low 30s F

PID Background NA

PID Well NA

WELL INFORMATION

	TIC	TOC	BGL
Reference Point Marked on Casing		Top of outer casing	
Well Diameter		3.78 inches	
Well Depth		18 feet	
Water Table Depth		9.35 feet	
Depth to Casing Below Grade		0 feet	

Slug Test? N

Redevelop? (Y/N) N

WELL WATER INFORMATION

Length of Water Column	8.65 feet
Volume of Water in Well	5.2 gallons
Pumping Rate of Pump	approx 0.3 gpm
Volume of Bailer	NA
Minutes of Pumping	55 minutes
Number of Bails	NA

EVACUATION INFORMATION

Volume of Water Removed from Well 15 gallons

Did well go dry? N

Evacuation Method: Bailer ( ) Grundfos Pump ( ) Peristaltic Pump (X) [Pump & dedicated tubing]

Pumping Rate _____ mL/min

	Time	Water Level (ft)	Temperature (celcius)	pH	SpC (ms/cm)	Turbidity (NTU)	DO (mg/L)	Gallons removed
Initial	1545	9.35						
1	1600	9.45	NR	5.8	62.1	10	11.6	5
2	1820	9.45	NR	5.4	39	10	5.4	10
3	1640	9.45	NR	5.4	40.7	10	9.8	15
4								
5								
6								
7								
8								
9								
10								
11								
12								
Final								

MISCELLANEOUS OBSERVATIONS/PROBLEMS Horiba readings for temperature and DO were erratic. Possible meter damage due to use in temporary well water measurements.

SAMPLE DESTINATION

Analysis Requested **TCL VOCs** Method 8260

Laboratory Columbia Analytical

Via Courier

Sent By TMH/NEG

Field Sampling Coordinator

Notes:
TIC = Top of inner casing.
TOC = Top of outer casing.
BGL = Below ground level.
gpm = Gallons per minute.
C = Degrees Centigrade
mS/cm = MilliSiemens per centimeter.
SU = Standard unit.
NTU = Nephelometric Turbidity Units
mg/L = Milligrams per liter

GROUND-WATER SAMPLING LOG

Well No. **MW94-1B**

Key No.

Date/Time 06/12/2001

Sample ID

Duplicate Sample ID NA

MS/MSD ID NA

Site Name Little Britain Road Service Center

Sampling Personnel TMH/DGB

Weather

PID Background 0.0 ppm

PID Well 0.6 ppm

WELL INFORMATION

	TIC	TOC	BGL
Reference Point Marked on Casing		Top of outer casing	
Well Diameter		3.78 inches	
Well Depth		24.5 feet	
Water Table Depth		5.40 feet	
Depth to Casing Below Grade		0.33 feet	

Slug Test? N

Redevelop? (Y/N) N

WELL WATER INFORMATION

Length of Water Column	19.10 feet
Volume of Water in Well	
Pumping Rate of Pump	150-200 ml/min
Volume of Bailer	NA
Minutes of Pumping	36 minutes
Number of Bails	NA

EVACUATION INFORMATION

Volume of Water Removed from Well 8 liters

Did well go dry? N

Evacuation Method: Bailer ( ) Grundfos Pump ( ) Peristaltic Pump (X) [Pump & dedicated t

Pumping Rate 150-200 mL/min

	Time	Pumping Rate (ml/min)	Water Level (ft)	Temperature (celcius)	pH	SpC (ms/cm)	Turbidity (NTU)	DO (mg/L)
Initial	0715		5.4					
1	0751	150	5.58	13.6	7.11	1.64	484	0.94
2	0755	150	5.58	13.3	7.16	1.63	419	0.11
3	0801	200	5.6	13.1	7.09	1.58	75.4	1.44
4	0805	200	5.6	13.2	7.06	1.59	56.4	0.7
5	0808	200	5.61	13.1	7.05	1.59	50.6	0.17
6	0811	180	5.6	13.2	7.06	1.59	41.2	0.16
7	0814	180	5.6	13.2	7.07	1.59	41.4	0.09
8	0817	180	5.6	13.2	7.06	1.59	35.3	0.08
9	0820	180	5.6	13.2	7.09	1.6	28.3	0.03
10	0823	180	5.6	13.2	7.09	1.6	30.9	0.05
11	0827	180	5.6	13.3	7.14	1.6	28	0.01
12								
Final	0840		5.41					

MISCELLANEOUS OBSERVATIONS/PROBLEMS

SAMPLE DESTINATION

Analysis Requested **TCL VOCs** Method 8260

Laboratory Columbia Analytical

Via Fed Ex

Sent By TMH/DGB

Field Sampling Coordinator

Notes:
TIC = Top of inner casing.
TOC = Top of outer casing.
BGL = Below ground level.
gpm = Gallons per minute.
C = Degrees Centigrade.
mS/cm = MilliSiemens per centimeter.
SU = Standard unit.
NTU = Nephelometric Tu
mg/L = Milligrams per lite

GROUND-WATER SAMPLING LOG

Well No. **MW94-5**

Site Name Little Britain Road Service Center

Key No.

Sampling Personnel TMH/DGB

Date/Time 06/12/2001

Weather

Sample ID

PID Background 0.0 ppm

Duplicate Sample ID NA

PID Well 0.0 ppm

MS/MSD ID NA

WELL INFORMATION

	TIC	TOC	BGL
Reference Point Marked on Casing	Top of PVC		
Well Diameter	2 Inch		
Well Depth	18 feet		
Water Table Depth	5.74 feet		
Depth to Casing Below Grade	0.57 feet		

Slug Test? N

Redevelop? (Y/N) N

WELL WATER INFORMATION

Length of Water Column	12.26 feet
Volume of Water in Well	
Pumping Rate of Pump	220 ml/min
Volume of Bailer	NA
Minutes of Pumping	22 minutes
Number of Bails	NA

EVACUATION INFORMATION

Volume of Water Removed from Well 5 liters

Evacuation Method: Bailer ( ) Grundfos Pump ( ) Peristaltic Pump (X) [Pump & dedicated t

Did well go dry? N

Pumping Rate 220 mL/min

	Time	Pumping Rate (ml/min)	Water Level (ft)	Temperature (celcius)	pH	SpC (ms/cm)	Turbidity (NTU)	DO (mg/L)
Initial	1205		5.74					
1	1210	220	5.74	12.3	6.94	0.868	13.7	1.55
2	1214	220	5.74	12.1	6.78	0.865	9.6	1.65
3	1217	220	5.74	12.1	6.55	0.866	13.1	0.19
4	1220	220	5.74	11.9	6.48	0.866	14.5	0.13
5	1223	220	5.74	12.3	6.46	0.864	14	0.06
6	1226	220	5.75	12.4	6.44	0.863	20.4	0.06
7	1229	220	5.75	12.5	6.46	0.863	23.4	0.06
8	1232	220	5.75	12.7	6.46	0.863	22.1	0.05
9								
10								
11								
12								
Final	1239		5.75					

MISCELLANEOUS OBSERVATIONS/PROBLEMS

SAMPLE DESTINATION

Analysis Requested **TCL VOCs** Method 8260

Laboratory Columbia Analytical

Via Fed Ex

Sent By TMH/DGB

Field Sampling Coordinator

Notes:
TIC = Top of inner casing.
TOC = Top of outer casing.
BGL = Below ground level.
gpm = Gallons per minute.
C = Degrees Centigrade.
mS/cm = MilliSiemens per centimeter.
SU = Standard unit.
NTU = Nephelometric Tu
mg/L = Milligrams per lite

GROUND-WATER SAMPLING LOG

Well No. **MW96-6**

Key No.

Date/Time 06/12/2001

Sample ID

Duplicate Sample ID NA

MS/MSD ID NA

Site Name Little Britain Road Service Center

Sampling Personnel TMH/DGB

Weather

PID Background 0.0 ppm

PID Well 110 ppm

WELL INFORMATION

	TIC	TOC	BGL
Reference Point Marked on Casing	Top of PVC		
Well Diameter	2 inches		
Well Depth	31.04 feet		
Water Table Depth	9.93 feet		
Depth to Casing Below Grade	0.36 feet		

Slug Test? N

Redevelop? (Y/N) N

WELL WATER INFORMATION

Length of Water Column	21.11 feet
Volume of Water in Well	
Pumping Rate of Pump	50-110 ml/min
Volume of Bailer	NA
Minutes of Pumping	39 minutes
Number of Bails	NA

EVACUATION INFORMATION

Volume of Water Removed from Well 4 liters

Did well go dry? N

Evacuation Method: Bailer ( ) Grundfos Pump ( ) Peristaltic Pump (X) [Pump & dedicated t

Pumping Rate 50-110 mL/min

	Time	Pumping Rate (ml/min)	Water Level (ft)	Temperature (celcius)	pH	SpC (ms/cm)	Turbidity (NTU)	DO (mg/L)
Initial	0858		9.93					
1	0904	110	11.1	15.1	7.16	0.7	12	1.53
2	0913	80	11.84	16.1	6.85	0.696	9.1	0.26
3	0916	60	11.95	16.3	6.8	0.696	10.3	0.23
4	0920	50	12.02	16.7	6.77	0.694	10.7	0.26
5	0924	50	12.08	17.2	6.78	0.692	11.3	0.24
6	0928	50	12.14	17.6	6.81	0.693	12.2	0.22
7	0932	50	12.18	18.1	6.89	0.694	13.8	0.22
8	0936	50	12.25	18.4	6.99	0.695	12.6	0.22
9	0940	50	12.32	18.5	7.07	0.7	14.2	0.22
10	0943	50	12.35	18.5	7.11	0.701	15.5	0.23
11								
12								
Final	0958		12.19					

MISCELLANEOUS OBSERVATIONS/PROBLEMS

SAMPLE DESTINATION

Analysis Requested **TCL VOCs** Method 8260

Laboratory Columbia Analytical

Via Fed Ex

Sent By TMH/DGB

Field Sampling Coordinator

Notes:
TIC = Top of inner casing.
TOC = Top of outer casing.
BGL = Below ground level.
gpm = Gallons per minute.
C = Degrees Centigrade.
mS/cm = MilliSiemens per centimeter.
SU = Standard unit.
NTU = Nephelometric Tu
mg/L = Milligrams per lite

GROUND-WATER SAMPLING LOG

Well No. **MW96-7B**

Key No.

Date/Time 06/12/2001

Sample ID

Duplicate Sample ID NA

MS/MSD ID NA

Site Name Little Britain Road Service Center

Sampling Personnel TMH/DGB

Weather

PID Background 0.0 ppm

PID Well 0.0 ppm

WELL INFORMATION

	TIC	TOC	BGL
Reference Point Marked on Casing		Top of outer casing	
Well Diameter		3.78 inches	
Well Depth		18 feet	
Water Table Depth		8.0 feet	
Depth to Casing Below Grade		0 feet	

Slug Test? N

Redevelop? (Y/N) N

WELL WATER INFORMATION

Length of Water Column	10 feet
Volume of Water in Well	
Pumping Rate of Pump	180-220 ml/min
Volume of Bailer	NA
Minutes of Pumping	30 minutes
Number of Bails	NA

EVACUATION INFORMATION

Volume of Water Removed from Well 8 liters

Did well go dry? N

Evacuation Method: Bailer ( ) Grundfos Pump ( ) Peristaltic Pump (X) [Pump & dedicated t

Pumping Rate 180-220 mL/min

	Time	Pumping Rate (ml/min)	Water Level (ft)	Temperature (celcius)	pH	SpC (ms/cm)	Turbidity (NTU)	DO (mg/L)
Initial	1005		8					
1	1018	180	8.04	17	6.8	0.877	25.6	2.8
2	1022	200	8.04	17.1	6.75	0.897	16.7	1.49
3	1026	200	8.04	17	6.55	0.93	10.3	0.74
4	1029	200	8.04	16.9	6.45	0.932	8.7	0.41
5	1032	200	8.04	16.8	6.41	0.93	9.8	0.22
6	1035	200	8.04	16.8	6.39	0.925	14.1	0.18
7	1038	220	8.05	16.9	6.38	0.924	15.7	0.16
8	1041	220	8.05	16.9	6.39	0.919	16	0.14
9	1045	220	8.05	16.9	6.42	0.917	16.9	0.11
10	1048	220	8.05	17.1	6.45	0.917	18	0.1
11								
12								
Final	1056		8.02					

MISCELLANEOUS OBSERVATIONS/PROBLEMS

SAMPLE DESTINATION

Analysis Requested **TCL VOCs** Method 8260

Laboratory Columbia Analytical

Via Fed Ex

Sent By TMH/DGB

Field Sampling Coordinator

Notes:
TIC = Top of inner casing.
TOC = Top of outer casing.
BGL = Below ground level.
gpm = Gallons per minute.
C = Degrees Centigrade.
mS/cm = MilliSiemens per centimeter.
SU = Standard unit.
NTU = Nephelometric Tu
mg/L = Milligrams per lite

GROUND-WATER SAMPLING LOG

Well No. **MW01-8A**

Site Name Little Britain Road Service Center

Key No.

Sampling Personnel TMH/DGB

Date/Time 06/11/2001

Weather

Sample ID

PID Background 0.0 ppm

Duplicate Sample ID NA

PID Well NA

MS/MSD ID NA

WELL INFORMATION

	TIC	TOC	BGL
Reference Point Marked on Casing			
Well Diameter			
Well Depth	10.62 feet		
Water Table Depth	7.77 feet		
Depth to Casing Below Grade			

Slug Test? N

Redevelop? (Y/N) N

WELL WATER INFORMATION

Length of Water Column	2.85 feet
Volume of Water in Well	
Pumping Rate of Pump	50-80 ml/min
Volume of Bailer	NA
Minutes of Pumping	67 minutes
Number of Bails	NA

EVACUATION INFORMATION

Volume of Water Removed from Well 5 liters

Evacuation Method: Bailer ( ) Grundfos Pump ( ) Peristaltic Pump (X) [Pump & dedicated t

Did well go dry? N

Pumping Rate 50-80 mL/min

	Time	Pumping Rate (ml/min)	Water Level (ft)	Temperature (celcius)	pH	SpC (ms/cm)	Turbidity (NTU)	DO (mg/L)
Initial	1648		7.77					
1	1701	80	8.3	17	6.69	1.86	6	1.31
2	1704	80	8.14	17	6.63	1.82	8	1.19
3	1709	80	8.22	17	6.5	1.81	6.7	1.23
4	1713	80	8.28	17	6.42	1.8	15.6	1.17
5	1717	80	8.36	17	6.37	1.81	15.2	1.29
6	1721	60	8.34	17	6.37	1.82	21.2	1.35
7	1741	50	8.3	18.2	6.64	1.91	25.8	2.71
8	1745	50	8.3	18.2	6.62	1.91	25.1	1.52
9	1750		8.31	18.2	6.61	1.91	23.3	1.23
10	1753	50	8.32	18.1	6.61	1.91	12.4	1.16
11	1756		8.32	18.1	6.6	1.9	9.1	0.99
12	1759	50	8.34	18	6.6	1.89	5.6	0.91
13	1802		8.35	17.8	6.6	1.88	4.8	0.83
14	1806	50	8.36	17.7	6.6	1.86	4.6	0.91
15	1809		8.36	17.7	6.6	1.85	4.8	0.85
Final	1820		8.06					

MISCELLANEOUS OBSERVATIONS/PROBLEMS

SAMPLE DESTINATION

Analysis Requested **TCL VOCs** Method 8260

Laboratory Columbia Analytical

Via Fed Ex

Sent By TMH/DGB

Field Sampling Coordinator

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GROUND-WATER SAMPLING LOG

Well No. **MW01-8B**

Key No.

Date/Time 06/11/2001

Sample ID

Duplicate Sample ID NA

MS/MSD ID NA

Site Name Little Britain Road Service Center

Sampling Personnel TMH/DGB

Weather

PID Background 0.0 ppm

PID Well 0.0 ppm

WELL INFORMATION

	TIC	TOC	BGL
Reference Point Marked on Casing			
Well Diameter			
Well Depth	Not Measured		
Water Table Depth	8.63 feet		
Depth to Casing Below Grade			

Slug Test? N

Redevelop? (Y/N) N

WELL WATER INFORMATION

Length of Water Column	
Volume of Water in Well	
Pumping Rate of Pump	40-80 ml/min
Volume of Bailer	NA
Minutes of Pumping	79 minutes
Number of Bails	NA

EVACUATION INFORMATION

Volume of Water Removed from Well 5 liters

Did well go dry? N

Evacuation Method: Bailer ( ) Grundfos Pump ( ) Peristaltic Pump ([Pump & dedicated t

Pumping Rate 40-80 mL/min

	Time	Pumping Rate (ml/min)	Water Level (ft)	Temperature (celcius)	pH	SpC (ms/cm)	Turbidity (NTU)	DO (mg/L)
Initial	1428		8.6					
1	1450	80	9.23	14.4	9.61	0.893	67.5	0.81
2	1454		9.31	14.5	9.43	0.889	59.1	0.55
3	1457	70	9.31	15	9.36	0.888	49.1	0.76
4	1500		9.39	15.5	9.31	0.883	41.9	0.79
5	1504	40	9.46	15.9	9.29	0.881	42.2	0.61
6	1507		9.58	16.3	9.27	0.88	31.5	0.8
7	1510	40	9.27	16.7	9.27	0.881	34.6	0.27
8	1516		9.64	17.3	9.28	0.88	30.6	0.36
9	1519	40	9.67	17.6	9.3	0.879	29.4	0.39
10	1523		9.7	18	9.33	0.879	25.1	0.4
11	1526		9.73	18.4	9.36	0.878	24.5	0.33
12	1529	40	9.78	18.6	9.42	0.879	23.1	0.29
13	1533		9.81	18.9	9.47	0.878	22.3	0.36
14	1538		9.88	19.3	9.57	0.877	22.9	0.24
15	1543		9.92	19.6	9.63	0.877	16.9	0.35
16	1547		9.96	19.7	9.67	0.878	21.4	0.26
17	1550		9.99	19.9	9.69	0.877	22.3	0.26
18	1553		10.02	20	9.69	0.878	20.7	0.26
19	1557		10.05	20.2	9.71	0.878	21	0.26
20	1603		10.1	20.3	9.71	0.878	21.2	0.24
21	1606		10.13	20.4	9.71	0.878	21.1	0.23
22	1609		10.17	20.5	9.71	0.88	22.8	0.23
Final	1620		10.22					

MISCELLANEOUS OBSERVATIONS/PROBLEMS

SAMPLE DESTINATION

Analysis Requested **TCL VOCs** Method 8260

Laboratory Columbia Analytical

Via Fed Ex

Sent By TMH/DGB

Field Sampling Coordinator

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