NOVEMBER 1999

MONTHLY STATUS REPORT

PURSUANT TO CONSENT DECREE FOR GE-PITTSFIELD/HOUSATONIC RIVER SITE

GENERAL ELECTRIC COMPANY

PITTSFIELD, MASSACHUSETTS

Background

The General Electric Company (GE), the United States Environmental Protection Agency (EPA), the Massachusetts Department of Environmental Protection (MDEP), and other governmental entities have entered into a Consent Decree which was lodged in federal District Court on October 7, 1999. The Consent Decree is currently subject to public comment and review by the Court prior to final entry. In accordance with Paragraph 67 of the Consent Decree, GE has prepared the following monthly report that summarizes the status of activities conducted at the GE-Pittsfield/Housatonic River Site ("Site") (as defined in the Consent Decree).

The enclosed report covers activities in the areas listed below (as defined in the Consent Decree and/or the accompanying Statement of Work for Removal Actions Outside the River (SOW)). Only those areas that have had work activities for the month subject to reporting are included. However, prior to entry of the Consent Decree by the Court, where work activities were conducted in a particular area at the Site pursuant to the 1994 RCRA corrective action permit from EPA and/or the 1990 Administrative Consent Orders executed by GE and MDEP, such activities are included in this report. For a particular area, those activities conducted pursuant to the Consent Decree are noted with an asterisk.

General Consent Decree Activities

GE Plant Area (non-groundwater)

1. 20s, 30s, 40s Complexes
2. East Street Area 2 - South
3. East Street Area 2 - North
4. East Street Area 1 - North
5. Hill 78 and Building 71 Consolidation Areas
6. Hill 78 Area – Remainder
7. Unkamet Brook Area

Former Oxbow Areas (non-groundwater)

8. Former Oxbow Areas A & C
9. Lyman Street Area
10. Newell Street Area I
11. Newell Street Area II
12. Former Oxbow Areas J & K

Housatonic River

13. Upper ½ Mile Reach
14. 1 ½ Mile Reach (only for activities, if any, conducted by GE)
15. Rest of the River

Housatonic River Floodplain

16. Current Residential Properties Adjacent to 1 ½ Mile Reach (Actual/Potential Lawns)
17. Non-Residential Properties Adjacent to 1 ½ Mile Reach (excluding banks)
18. Current Residential Properties Downstream of Confluence (Actual/Potential Lawns)

Other Areas

19. Allendale School Property
20. Silver Lake Area

Groundwater Management Areas (GMAs)

21. Plant Site 1
22. Former Oxbows J & K
23. Plant Site 2
24. Plant Site 3
25. Former Oxbows A&C

GENERAL CONSENT DECREE ACTIVITIES

GE-PITTSFIELD/HOUSATONIC RIVER SITE
NOVEMBER 1999

a. **Activities Undertaken/Completed**

- Continued revision of the Field Sampling Plan (FSP)/Quality Assurance Project Plan (QAPP) (formerly the Sampling & Analysis Plan/Data Collection and Analysis Quality Assurance Plan).*

- Attended EPA public information meeting on November 16.

b. **Sampling/Test Results Received**

Not applicable

c. **Work Plans/Reports/Documents Submitted**

None

d. **Upcoming Scheduled Activities (next six weeks)**

- Continue preparation of revised FSP/QAPP.*

- Attend public meetings as appropriate.

e. **General Progress/Unresolved Issues/Potential Schedule Impacts**

No issues

f. **Proposed/Approved Work Plan Modifications**

None

ITEM 1

PLANT AREA
20s, 30s, 40s COMPLEXES
NOVEMBER 1999

a. **Activities Undertaken/Completed**

- Continue preparation of Pre-Design Investigation Work Plan.*
- Removal and off-site disposal of approximately 33,000 gallons of fuel oil from the Building 31 tank farm. Collected tank farm insulation samples.

b. **Sampling/Test Results Received**

See attached tables.

c. **Work Plans/Reports/Documents Submitted**

Submitted final excavation completion report on November 17 for excavation done to remove two truck ramps. The data from this excavation were previously transmitted to the Agencies in a pre-excavation notification report in April 1999.

d. **Upcoming Scheduled Activities (next six weeks)**

- Continue preparation of Pre-Design Investigation Work Plan.*
- Conduct demolition activities for the powerhouse stacks and the Building 31 Fuel Oil and Water Tank Farm. Debris will be sent for off-site disposal.

e. **General Progress/Unresolved Issues/Potential Schedule Impacts**

No issues

f. **Proposed/Approved Work Plan Modifications**

None

TABLE 1
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS
20s, 30s, AND 40s COMPLEXES
DATA RECEIVED AND SAMPLES COLLECTED DURING THE MONTH OF NOVEMBER 1999

Project Name	Sample-ID	Date Sampled	Depth Range	Matrix	Laboratory	Analyses	Date Received
Building 31 Powerhouse Demo Fuel Tank Sampling	31-TANK-1	10/22/99	NA	Oil	CTE	PCB,TCLP-Metals,Flash Point	11/2/99
Building 31 Powerhouse Demo Fuel Tank Sampling	31-TANK-2	10/22/99	NA	Oil	CTE	PCB,TCLP-Metals,Flash Point	11/2/99
Building 31 Powerhouse Demo Fuel Tank Sampling	31-TANK-3	10/22/99	NA	Oil	CTE	PCB,TCLP-Metals,Flash Point	11/2/99
Building 31 Powerhouse Demo Fuel Tank Sampling	31-TANK-DUP-1	10/22/99	(31-TANK-3)	Oil	CTE	PCB,TCLP-Metals,Flash Point	11/2/99
Building 31 Powerhouse Demo Insulation Sampling	31-TANK-TRST-1	11/30/99	NA	Insulation	CTE	PCB	
Building 31 Powerhouse Demo Insulation Sampling	31-TANK-TRST-2	11/30/99	NA	Insulation	CTE	PCB	
Building 31 Powerhouse Demo Insulation Sampling	31-TANK-TRST-3	11/30/99	NA	Insulation	CTE	PCB	
Building 31 Powerhouse Demo Insulation Sampling	31-TANK-TRST-DUP-1	11/30/99	(31-TANK-TRST-2)	Insulation	CTE	PCB	

Field duplicate sample locations are presented in parenthesis

TABLE 1

PRELIMINARY ANALYTICAL DATA
SUBJECT TO VERIFICATION

GENERAL ELECTRIC COMPANY - PITTSFIELD , MASSACHUSETTS
20s, 30s, 40s COMPLEX
BUILDING 31 POWERHOUSE DEMO FUEL TANK SAMPLING

SUMMARY OF PCB, TCLP - METALS, AND FLASHPOINT DATA

Parameter / Sample ID: / Date Collected:	31-TANK-1 10/22/99	31-TANK-2 10/22/99	31-TANK-3 10/22/99
PCBs (mg/Kg)			
Aroclor-1016	ND(7.8)	ND(7.2)	ND(6.9) [ND(7.7)]
Aroclor-1221	ND(7.8)	ND(7.2)	ND(6.9) [ND(7.7)]
Aroclor-1232	ND(7.8)	ND(7.2)	ND(6.9) [ND(7.7)]
Aroclor-1242	ND(7.8)	ND(7.2)	ND(6.9) [ND(7.7)]
Aroclor-1248	ND(7.8)	ND(7.2)	ND(6.9) [ND(7.7)]
Aroclor-1254	ND(7.8)	ND(7.2)	ND(6.9) [ND(7.7)]
Aroclor-1260	ND(7.8)	ND(7.2)	ND(6.9) [ND(7.7)]
Total PCBs	ND(7.8)	ND(7.2)	ND(6.9) [ND(7.7)]
TCLP - Metals (mg/L)			
Arsenic	ND(0.100)	ND(0.100)	ND(0.100) [ND(0.100)]
Barium	0.0180	ND(0.0100)	ND(0.0100) [0.0120]
Cadmium	ND(0.0100)	ND(0.0100)	ND(0.0100) [ND(0.0100)]
Chromium	0.150	ND(0.0250)	ND(0.0250) [ND(0.0250)]
Lead	ND(0.100)	ND(0.100)	ND(0.100) [ND(0.100)]
Mercury	ND(0.0200)	ND(0.0200)	ND(0.0200) [ND(0.0200)]
Selenium	ND(0.200)	ND(0.200)	ND(0.200) [ND(0.200)]
Silver	ND(0.0200)	ND(0.0200)	ND(0.0200) [ND(0.0200)]
Conventionals (°F)			
Flashpoint	>180	>180	>180 [>180]

Notes:

1) Samples were collected by Blasland, Bouck & Lee, Inc., and were submitted to CT&E Environmental Services, Inc. for analysis of PCBs, TCLP - Metals, and Flashpoint.
2) ND - Analyte was not detected. The value in parentheses is the associated detection limit.
3) Duplicate results are presented in brackets.

ITEM 2

PLANT AREA
EAST STREET AREA 2 - SOUTH
NOVEMBER 1999

a. Activities Undertaken/Completed

- Continued work on the relocation of the stormwater diversion structure and other utilities in association with relocation of Merrill Road.
- Collected sediment sample associated with the cleanout of the southside pumping station.

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

Submitted final excavation completion reports on November 16 and 30 for several facility-related excavations conducted pursuant to GE's Excavation Protocols, including excavations in East Street Area 2-South. Copies of these reports are attached to this monthly report as Attachments A and B.

d. Upcoming Scheduled Activities (next six weeks)

Continue Merrill Road related activities.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

TABLE 1
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS
EAST STREET AREA 2 - SOUTH
DATA RECEIVED AND SAMPLES COLLECTED DURING THE MONTH OF NOVEMBER 1999

Project Name	Sample-ID	Date Sampled	Depth Range	Matrix	Laboratory	Analyses	Date Received
South Side Pumping Station	SEPARATOR CLEANOUT-SOIL-1	11/17/99	NA	Sand	Adirondack	PCB,TCLP-Metals	

ITEM 3

PLANT AREA
EAST STREET AREA 2 - NORTH
NOVEMBER 1999

a. **Activities Undertaken/Completed**

- Continued activities associated with Merrill Road reconstruction.
- Collected water sample from the basement of Building 12, which was pumped as part of a facility maintenance project.

b. **Sampling/Test Results Received**

None

c. **Work Plans/Reports/Documents Submitted**

- Submitted letter on November 17 requesting that a manhole located near the former 12F tank farm be filled in since it will be within the new Merrill Road.
- Submitted final excavation completion reports on November 16 and 30 for several facility-related excavations conducted pursuant to GE's Excavation Protocols, including excavations in East Street Area 2-North. Copies of those reports are attached to this monthly report as Attachments A an B.

d. **Upcoming Scheduled Activities (next six weeks)**

Continue Merrill Road utility related work.

e. **General Progress/Unresolved Issues/Potential Schedule Impacts**

No issues

f. **Proposed/Approved Work Plan Modifications**

None

TABLE 1
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS
EAST STREET AREA 2 - NORTH
DATA RECEIVED AND SAMPLES COLLECTED DURING THE MONTH OF NOVEMBER 1999

Project Name	Sample-ID	Date Sampled	Depth Range	Matrix	Laboratory	Analyses	Date Received
Emergency Air & Steam Line Repair Soil Sampling	AIR - STEAM-1	10/28/99	NA	Soil	Adirondack	PCB	11/10/99
Emergency Air & Steam Line Repair Soil Sampling	AIR - STEAM-2	10/28/99	NA	Soil	Adirondack	PCB	11/10/99
Emergency Air & Steam Line Repair Soil Sampling	AIR - STEAM-3	10/28/99	NA	Soil	Adirondack	PCB	11/10/99
Emergency Air & Steam Line Repair Soil Sampling	AIR - STEAM-4	10/28/99	NA	Soil	Adirondack	PCB	11/10/99
Emergency Air & Steam Line Repair Soil Sampling	AIR - STEAM-5	10/28/99	NA	Soil	Adirondack	PCB	11/10/99
Emergency Air & Steam Line Repair Soil Sampling	AIR - STEAM-6	10/28/99	NA	Soil	Adirondack	PCB	11/10/99
Emergency Air & Steam Line Repair Soil Sampling	AIR - STEAM-7	10/28/99	NA	Soil	Adirondack	PCB	11/10/99
Emergency Air & Steam Line Repair Soil Sampling	AIR - STEAM-8	10/28/99	NA	Soil	Adirondack	PCB	11/10/99
Emergency Air & Steam Line Repair Soil Sampling	AIR - STEAM-DUP-1	10/28/99	(STEAM-2)	Soil	Adirondack	PCB	11/10/99
Emergency Air & Steam Line Repair Soil Sampling	AIR - STEAM-TCLP-1	10/28/99	NA	Soil	Adirondack	TCLP	11/10/99
Building 12 Basement Water Sampling	BLDG12-WATER-1	11/23/99	NA	Water	Adirondack	PCB	

Field duplicate sample locations are presented in parenthesis.

ITEM 4

PLANT AREA
EAST STREET AREA 1 - NORTH
NOVEMBER 1999

a. **Activities Undertaken/Completed**

Continued utility-related activities associated with Merrill Road reconstruction.

b. **Sampling/Test Results Received**

None

c. **Work Plans/Reports/Documents Submitted**

None

d. **Upcoming Scheduled Activities (next six weeks)**

Continue Merrill Road related activities

e. **Issues**

None

f. **General Progress/Unresolved Issues/Potential Schedule Impacts**

No issues

f. **Proposed/Approved Work Plan Modifications**

None

ITEM 5

PLANT AREA
HILL 78 & BUILDING 71 CONSOLIDATION AREAS
NOVEMBER 1999

***All activities described below for this item were conducted pursuant to the Consent Decree.**

a. **Activities Undertaken/Completed**

- Conducted weekly inspections of the Allendale School temporary TSCA stockpile.
- Placed silt fence around temporary Allendale TSCA stockpile.
- Conducted daily and monthly air monitoring. Note that daily/monthly monitoring has ceased until reactivation of OPCA activities.
- Paved temporary access road between Hill 78 OPCA and Building 71 OPCA.
- Sampled soil from Allendale School project frac tanks, which are located in the area of the OPCAs.

b. **Sampling/Test Results Received**

See attached.

c. **Work Plans/Reports/Documents Submitted**

None

d. **Upcoming Scheduled Activities (next six weeks)**

Conduct weekly inspections of Allendale School temporary TSCA stockpile.

e. **General Progress/Unresolved Issues/Potential Schedule Impacts**

No issues

f. **Proposed/Approved Work Plan Modifications**

None

TABLE 1
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS
HILL 78/BUILDING 71 ON PLANT CONSOLIDATION AREAS
DATA RECEIVED AND SAMPLES COLLECTED DURING THE MONTH OF NOVEMBER 1999

Project Name	Sample-ID	Date Sampled	Depth Range	Matrix	Laboratory	Analyses	Date Received
Allendale Frac Tank Sampling	ALLEN-TANK-1-COMP-1	11/1/99	NA	Sediment	CTE	PCB	11/9/99
Allendale Frac Tank Sampling	ALLEN-TANK-1-COMP-2	11/1/99	NA	Sediment	CTE	PCB	11/9/99
Allendale Frac Tank Sampling	ALLEN-TANK-1-COMP-DUP-1	11/1/99	(COMP-2)	Sediment	CTE	PCB	11/9/99
Access Road Soil Pile Sampling Program	ALLEN-COMP-1	10/25/99	NA	Soil	CTE	PCB	11/2/99
Access Road Soil Pile Sampling Program	ALLEN-COMP-2	10/25/99	NA	Soil	CTE	PCB	11/2/99
Access Road Soil Pile Sampling Program	ALLEN-COMP-DUP-1	10/25/99	(COMP-2)	Soil	CTE	PCB	11/2/99

Field duplicate sample locations are presented in parenthesis.

TABLE 1

PRELIMINARY ANALYTICAL DATA
SUBJECT TO VERIFICATION

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
HILL78/BUILDING 71 ON PLANT CONSOLIDATION AREA
ALLENDALE FRAC TANK SEDIMENT SAMPLING

SUMMARY OF PCB DATA
(Results in ppm, dry-weight)

Sample ID: / Date Collected:	ALLEN-TANK-1-COMP-1 11/01/99	ALLEN-TANK-1-COMP-2 11/01/99
PCBs		
Aroclor-1016	ND(0.22)	ND(0.043) [ND(0.043)]
Aroclor-1221	ND(0.22)	ND(0.043) [ND(0.043)]
Aroclor-1232	ND(0.22)	ND(0.043) [ND(0.043)]
Aroclor-1242	0.35	0.18 [0.18]
Aroclor-1248	ND(0.22)	ND(0.043) [ND(0.043)]
Aroclor-1254	ND(0.22)	ND(0.043) [ND(0.043)]
Aroclor-1260	1.7	0.99 [1.6]
Total PCBs	2.1	1.2 [1.8]

Notes:

1) Samples were collected by Blasland, Bouck & Lee, Inc., and were submitted to CT&E Environmental Services, Inc. for analysis of PCBs.
2) ND - Analyte was not detected. The value in parentheses is the associated detection limit.
3) Duplicate results are presented in brackets.

TABLE 2

PRELIMINARY ANALYTICAL DATA
SUBJECT TO VERIFICATION

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
HILL78/BUILDING 71 ON PLANT CONSOLIDATION AREA
ALLENDALE SCHOOL SOIL PILE SAMPLING

SUMMARY OF PCB DATA
(Results in ppm, dry-weight)

Sample ID: / Date Collected:	ALLEN-COMP-1 10/25/99	ALLEN-COMP-2 10/25/99
PCBs		
Aroclor-1016	ND(0.039)	ND(0.038) [ND(0.038)]
Aroclor-1221	ND(0.039)	ND(0.038) [ND(0.038)]
Aroclor-1232	ND(0.039)	ND(0.038) [ND(0.038)]
Aroclor-1242	ND(0.039)	ND(0.038) [ND(0.038)]
Aroclor-1248	ND(0.039)	ND(0.038) [ND(0.038)]
Aroclor-1254	ND(0.039)	ND(0.038) [ND(0.038)]
Aroclor-1260	0.46	0.042 [0.038 J]
Total PCBs	0.46	0.042 [0.038]

Notes:

1) Samples were collected by Blasland, Bouck & Lee, Inc., and were submitted to CT&E Environmental Services, Inc. for analysis of PCBs.
2) ND - Analyte was not detected. The value in parentheses is the associated detection limit.
3) Duplicate results are presented in brackets.
4) J - Indicates an estimated value less than the CLP-required quantitation limit.

ITEM 6

PLANT AREA
HILL 78 AREA - REMAINDER
NOVEMBER 1999

a. **Activities Undertaken/Completed**

None

b. **Sampling/Test Results Received**

None

c. **Work Plans/Reports/Documents Submitted**

Submitted a final excavation completion report on November 16 for several facility-related excavations conducted pursuant to GE's Excavation Protocols, including an excavation conducted at the Hill 78 Area-Remainder. A copy of that report is attached to this monthly report as Attachment A.

d. **Upcoming Scheduled Activities (next six weeks)**

None

e. **General Progress/Unresolved Issues/Potential Schedule Impacts**

No issues

f. **Proposed/Approved Work Plan Modifications**

None

ITEM 7

PLANT AREA
UNKAMET BROOK AREA
NOVEMBER 1999

a. **Activities Undertaken/Completed**

- Conducted monthly inspection of outfalls.
- Performed inspections of upper beaver dam and boom. No sheen was noted at downstream edge of beaver dam. (**Note:** The last monthly report incorrectly stated that a sheen was observed in October).
- Collected soil samples and performed some regrading in the OP-1 and -2 parking lot as part of the Merrill Road reconstruction project.
- Two small excavations were performed by General Dynamics in OP-1 to install a new sanitary sewer line.

b. **Sampling/Test Results Received**

None

c. **Work Plans/Reports/Documents Submitted**

Submitted a final excavation completion report on November 16 for several facility-related excavations conducted pursuant to GE's Excavation Protocols, including an excavation at the Unkamet Brook Area. A copy of that report is attached to this monthly report as Attachment A.

d. **Upcoming Scheduled Activities (next six weeks)**

Continue monthly inspections of beaver dam area and outfalls.

e. **General Progress/Unresolved Issues/Potential Schedule Impacts**

No issues

f. **Proposed/Approved Work Plan Modifications**

None

TABLE 1
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS
UNKAMET BROOK AREA
DATA RECEIVED AND SAMPLES COLLECTED DURING THE MONTH OF NOVEMBER 1999

Project Name	Sample-ID	Date Sampled	Depth Range	Matrix	Laboratory	Analyses	Date Received
General Dynamics Parking Lot Regrade Soil	GD-RG-SOIL-1	11/17/99	NA	Soil	Adirondack	PCB	
General Dynamics Parking Lot Regrade Soil	GD-RG-SOIL-10	11/17/99	NA	Soil	Adirondack	PCB	
General Dynamics Parking Lot Regrade Soil	GD-RG-SOIL-11	11/17/99	NA	Soil	Adirondack	PCB	
General Dynamics Parking Lot Regrade Soil	GD-RG-SOIL-12	11/17/99	NA	Soil	Adirondack	PCB	
General Dynamics Parking Lot Regrade Soil	GD-RG-SOIL-13	11/17/99	NA	Soil	Adirondack	PCB	
General Dynamics Parking Lot Regrade Soil	GD-RG-SOIL-14	11/17/99	NA	Soil	Adirondack	PCB	
General Dynamics Parking Lot Regrade Soil	GD-RG-SOIL-15	11/17/99	NA	Soil	Adirondack	PCB	
General Dynamics Parking Lot Regrade Soil	GD-RG-SOIL-16	11/17/99	NA	Soil	Adirondack	PCB	
General Dynamics Parking Lot Regrade Soil	GD-RG-SOIL-17	11/17/99	NA	Soil	Adirondack	PCB	
General Dynamics Parking Lot Regrade Soil	GD-RG-SOIL-18	11/17/99	NA	Soil	Adirondack	PCB	
General Dynamics Parking Lot Regrade Soil	GD-RG-SOIL-19	11/17/99	NA	Soil	Adirondack	PCB	
General Dynamics Parking Lot Regrade Soil	GD-RG-SOIL-2	11/17/99	NA	Soil	Adirondack	PCB	
General Dynamics Parking Lot Regrade Soil	GD-RG-SOIL-20	11/17/99	NA	Soil	Adirondack	PCB	
General Dynamics Parking Lot Regrade Soil	GD-RG-SOIL-21	11/17/99	NA	Soil	Adirondack	PCB	
General Dynamics Parking Lot Regrade Soil	GD-RG-SOIL-22	11/17/99	NA	Soil	Adirondack	PCB	
General Dynamics Parking Lot Regrade Soil	GD-RG-SOIL-23	11/17/99	NA	Soil	Adirondack	PCB	
General Dynamics Parking Lot Regrade Soil	GD-RG-SOIL-3	11/17/99	NA	Soil	Adirondack	PCB	
General Dynamics Parking Lot Regrade Soil	GD-RG-SOIL-4	11/17/99	NA	Soil	Adirondack	PCB	
General Dynamics Parking Lot Regrade Soil	GD-RG-SOIL-5	11/17/99	NA	Soil	Adirondack	PCB	
General Dynamics Parking Lot Regrade Soil	GD-RG-SOIL-6	11/17/99	NA	Soil	Adirondack	PCB	
General Dynamics Parking Lot Regrade Soil	GD-RG-SOIL-7	11/17/99	NA	Soil	Adirondack	PCB	
General Dynamics Parking Lot Regrade Soil	GD-RG-SOIL-8	11/17/99	NA	Soil	Adirondack	PCB	

Field duplicate sample locations are presented in parenthesis.

TABLE 1
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS
UNKAMET BROOK AREA
DATA RECEIVED AND SAMPLES COLLECTED DURING THE MONTH OF NOVEMBER 1999

Project Name	Sample-ID	Date Sampled	Depth Range	Matrix	Laboratory	Analyses	Date Received
General Dynamics Parking Lot Regrade Soil	GD-RG-SOIL-9	11/17/99	NA	Soil	Adirondack	PCB	
General Dynamics Parking Lot Regrade Soil	GD-RG-SOIL-DUP-1	11/17/99	(SOIL-23)	Soil	Adirondack	PCB	
General Dynamics Parking Lot Regrade Soil	GD-RG-SOIL-DUP-2	11/17/99	(SOIL-4)	Soil	Adirondack	PCB	
General Dynamics Parking Lot Regrade Soil	GD-RG-SOIL-TCLP-1	11/17/99	NA	Soil	Adirondack	TCLP	

Field duplicate sample locations are presented in parenthesis.

ITEM 10

FORMER OXBOW AREA
NEWELL STREET AREA I
NOVEMBER 1999

a. **Activities Undertaken/Completed**

None

b. **Sampling/Test Results Received**

See attached table.

c. **Work Plans/Reports/Documents Submitted**

None

d. **Upcoming Scheduled Activities (next six weeks)**

- Begin sampling activities at Parcel J9-23-17, following Agency approval of sampling plan.
- Send soil pile from 221/229 Newell Street, which is temporarily stored in Building 65, for off-site disposal.

e. **General Progress/Unresolved Issues/Potential Schedule Impacts**

No issues

f. **Proposed/Approved Work Plan Modifications**

None

TABLE 1
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS
NEWELL STREET AREA I
DATA RECEIVED AND SAMPLES COLLECTED DURING THE MONTH OF NOVEMBER 1999

Project Name	Sample-ID	Date Sampled	Depth Range	Matrix	Laboratory	Analyses	Date Received
221-229 Newell St. Soil Pile Sampling Program	VJS-SOIL-1	10/27/99	NA	Soil	CTE	PCB	11/4/99
221-229 Newell St. Soil Pile Sampling Program	VJS-SOIL-2	10/27/99	NA	Soil	CTE	PCB	11/4/99
221-229 Newell St. Soil Pile Sampling Program	VJS-SOIL-3	10/27/99	NA	Soil	CTE	PCB	11/4/99
221-229 Newell St. Soil Pile Sampling Program	VJS-COMP-1	10/27/99	NA	Soil	CTE	APPEN-IX	11/4/99
221-229 Newell St. Soil Pile Sampling Program	VJS-SOIL-DUP-1	10/27/99	(VJS-SOIL-1)	Soil	CTE	PCB	11/4/99

Field duplicate sample locations are presented in parenthesis.

TABLE 1

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
NEWELL STREET AREA I

SOIL PCB DATA
(Results in ppm, dry-weight)

Sample ID	Depth (feet)	Date Collected	Aroclor-1254	Aroclor-1260	Total PCBs
PARCEL J9-23-20					
Soil Pile Sampling					
VJS-SOIL-1	--	10/27/99	45 [85]	32 [54]	77 [140]
VJS-SOIL-2	--	10/27/99	14	13	27
VJS-SOIL-3	--	10/27/99	14	19	33

Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc , and were submitted to CT&E Environmental Services, Inc. for analysis of PCBs.
2. ND - Analyte was not detected. The value in parentheses is the associated detection limit.
3. Duplicate results are presented in brackets.

TABLE 2

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
NEWELL STREET AREA I

SOIL APPENDIX IX + 3 DATA
(Results in ppm, dry-weight)

Sample ID: Sample Depth(Feet): Date Collected:	MCP RCS-1 Reportable Concentrations	VJS-COMP-1 -- 10/27/99
Volatile Organics		
None Detected	--	--
Semivolatile Organics		
None Detected	--	--
Furans		
2,3,7,8-TCDF	Not Listed	0.00024
TCDFs (total)	Not Listed	0.0011 E
1,2,3,7,8-PeCDF	Not Listed	0 00011
2,3,4,7,8-PeCDF	Not Listed	0.00012
PeCDFs (total)	Not Listed	0.0017
1,2,3,4,7,8-HxCDF	Not Listed	0.00030
1,2,3,6,7,8-HxCDF	Not Listed	0.00016
1,2,3,7,8,9-HxCDF	Not Listed	0.0000083 J**
2,3,4,6,7,8-HxCDF	Not Listed	0 00011
HxCDFs (total)	Not Listed	0 0026
1,2,3,4,6,7,8-HpCDF	Not Listed	0.00053
1,2,3,4,7,8,9-HpCDF	Not Listed	0.00014
HpCDFs (total)	Not Listed	0.0012
OCDF	Not Listed	0.00068
Total Furans	Not Listed	0.0073
Dioxins		
2,3,7,8-TCDD	0.000004	0 0000030
TCDDs (total)	Not Listed	0.000068
1,2,3,7,8-PeCDD	Not Listed	0.000029
PeCDDs (total)	Not Listed	0.00019
1,2,3,4,7,8-HxCDD	Not Listed	0.000028
1,2,3,6,7,8-HxCDD	Not Listed	0.000040
1,2,3,7,8,9-HxCDD	Not Listed	0.000029
HxCDDs (total)	Not Listed	0.00052
1,2,3,4,6,7,8-HpCDD	Not Listed	0.00020
HpCDDs (total)	Not Listed	0 00043
OCDD	Not Listed	0.00063
Total Dioxins	Not Listed	0 0018
Total TEQs (MDEP TEFs)	0.000004	0.00043
Total TEQs (EPA TEFs)	Not Applicable	0.00018
Inorganics		
Barium	1000	238
Beryllium	0 7	0 190
Chromium	1000	5.00
Copper	1000	662
Lead	300	64 4
Nickel	300	9.80
Sulfide	Not Listed	14.7
Tin	Not Listed	51.8
Zinc	2500	133

(See notes on Page 2)

ITEM 13

HOUSATONIC RIVER AREA
UPPER 1/2 MILE REACH
NOVEMBER 1999

***All activities described below for this item were conducted pursuant to the Consent Decree.**

a. **Activities Undertaken/Completed**

- Installed water handling system including settling tanks, 6-inch piping network from work area to settling tanks and from settling tanks to Building 64G.
- Installed temporary access roads and work areas.
- Installed silt curtain and oil absorbent boom in accordance with the Work Plan.
- Installed sheetpiling for cell A (north bank downstream from the Newell Street Bridge).
- De-watered cell A and sealed leaks as required.
- Completed field layout of horizontal and vertical limits of excavation.
- Started excavation of TSCA and non-TSCA river sediments.
- Reported one oil sheen on November 19 observed during excavation activities.
- Conducted air particulate and PCB monitoring.
- Conducted water column (PCB and TSS) monitoring.

b. **Sampling/Test Results Received**

- Particulate air monitoring results from November 8 - 30 (see Table 1A attached).
- PCB air monitoring was performed on November 23-24 (see Table 1B attached).
- Water column results for TSS from November 8 - 24 (see Table 2 attached).
- Water column results for PCB on November 11 (see Table 2 attached).
- Isolation layer material for PCB, TPH (see Table 3).
- Caged mussel PCB and lipid data (see Table 4 attached).

ITEM 13
(cont'd)

HOUSATONIC RIVER AREA
UPPER 1/2 MILE REACH
NOVEMBER 1999

c. **Work Plans/Reports/Documents Submitted**

- Source Control Plan for Lyman Street Area
- Estimated project planning timetable for work to be completed through January 2000.
- "Summary of Meeting" reports for project status meetings.
- Miscellaneous construction material specification submittals.

d. **Upcoming Scheduled Activities (next six weeks)**

- Complete restoration activities in cell A
- Install sheetpiling, de-water cell, remove material, and complete restoration activities in cell B (south side of river 150 ft. from the Newell Street Bridge).
- Install sheetpiling, de-water cell, and begin excavation of material in cell C (north side of river 150 ft. from the Newell Street Bridge).
- Continue air and water column monitoring.

e. **General Progress/Unresolved Issues/Potential Schedule Impacts**

Work continued through November. A significant rain event, 2.8 inches on November 26, caused minor delays of approximately two days. No unresolved issues at this time.

f. **Proposed/Approved Work Plan Modifications**

None

TABLE 2

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
NEWELL STREET AREA I

SOIL APPENDIX IX + 3 DATA
(Results in ppm, dry-weight)

Notes.

1) Samples were collected by Blasland, Bouck & Lee, Inc., and were submitted to CT&E Environmental Services, Inc. for analysis of Appendix IX+3 constituents (excluding herbicides and pesticides).
2) J** - Indicates an estimated value between the lower calibration limit and the target detection limit.
3) E - Analyte exceeded calibration range.
4) Total dioxins/furans determined as the sum of the total homolog concentrations; non-detect values considered as zero.
5) Total 2,3,7,8-TCDD toxicity equivalents (TEQs) were calculated using both MDEP's and EPA's Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF congeners, although GE does not accept the validity of these TEFs.
6) With the exception of dioxin/furans, only those constituents detected in at least one sample are summarized.
7) -Shading indicates that value exceeds MCP RCS-1 reportable concentration.

TABLE 1

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
NEWELL STREET AREA I

SOIL PCB DATA
(Results in ppm, dry-weight)

Sample ID	Depth (feet)	Date Collected	Aroclor-1254	Aroclor-1260	Total PCBs
PARCEL J9-23-20					
Soil Pile Sampling					
VJS-SOIL-1	--	10/27/99	45 [85]	32 [54]	77 [140]
VJS-SOIL-2	--	10/27/99	14	13	27
VJS-SOIL-3	--	10/27/99	14	19	33

Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc., and were submitted to CT&E Environmental Services, Inc. for analysis of PCBs.
2. ND - Analyte was not detected The value in parentheses is the associated detection limit
3. Duplicate results are presented in brackets

Ambient Particulate Air Data for
Table 1A
Pittsfield, MA
Housatonic River
1/2-Mile Removal Action

MONTH OF NOVEMBER, 1999

Date	Sampler Location	Average Site Concentration (mg/m^3)	BM1[1] (mg/m^3)	Average Period (Hours:Min)	Predominant Wind Direction
11/08/1999	AM2 (south side of river)	0.004	0.005	9:45	WNW
11/09/1999	AM2 (south side of river)	0.015	0.013	9:15	SSW
11/10/1999	AM2 (south side of river)	0.025	0.031	10:30	W
11/11/1999	AM2 (south side of river)	0.005	0.005	9:00	N
11/12/1999	AM2 (south side of river)	0.013	0.008	9:45	SSW
11/15/1999	AM2 (south side of river)	0.004	0.002	9:45	WNW
11/16/1999	AM2 (south side of river)	0.004	0.005	9:45	WNW
11/17/1999	AM2 (south side of river)	0.003	0.005	3:45[1]	WNW, NW
11/18/1999	AM2 (south side of river)	0.004	0.008	9:30	WSW, SW, SSW
11/19/1999	AM2 (south side of river)	0.020	0.020	10:30	S
11/22/1999	AM2 (south side of river)	0.015	0.017	10:30	SSW
11/23/1999	AM2 (south side of river)	0.014	0.017	1:00[1]	SSW
11/24/1999[2]	AM2 (south side of river)	N/A	N/A	N/A	N/A
11/25/1999[3]	AM2 (south side of river)	N/A	N/A	N/A	N/A
11/26/1999[3]	AM2 (south side of river)	N/A	N/A	N/A	N/A
11/29/1999	AM2 (south side of river)	0.008	0.006	0:30[1]	WSW, WNW
11/30/1999	AM2 (south side of river)	0.004	0.004	8:15	N
Notification Level		0.120			

BM-1: Background monitoring location west of Bldg. 42.
AM-2: Air monitoring location near tennis courts within Lakewood Park, southeast bank.

[1] Sampling period was shortened due to instrument malfunction.

[2] Sampling was not performed due to precipitation/threat of precipitation.

[3] Sampling was not performed due to holiday.

Table 1B
PCB Air Monitoring Results
Month of November 1999

Date	BM-1 ug/m^3	AM-1 ug/m^3	AM-2 ug/m^3	AM-3 ug/m^3	AM-3 co-located ug/m^3	AM-4 ug/m^3
11/23 - 11/24/99	0.0056	0.0042	0.0023	0.0078	0.0082	0.0047
Notification Level	0.05	0.05	0.05	0.05	0.05	0.05

Notes:

BM-1: Background monitoring location west of Bldg. 42.
AM-1: Air monitoring location east of Bldg. 64V, near current work/staging area, northeast bank.
AM-2: Air monitoring location near tennis counts within Lakewood Park, southeast bank.
AM-3: Air monitoring location north bank, north of Bldg. 64W. This location is also a co-located site.
AM-4: Air monitoring location south bank, at 261 Newell St. behind building fomerly known as F.W. Webb.

TABLE 2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

NOVEMBER 1999

UPPER 1/2 MILE REACH REMOVAL ACTION
HOUSATONIC RIVER PCB/TSS/TURBIDITY MONITORING DURING CONSTRUCTION

Location	Date	Water Depth (ft)	Water Temp. (°C)	Flow (cfs)	Turbidity (ntu)			Sample ID	Total PCB Concentrations (ug/l)	Filtered PCB Concentrations (ug/l)	TSS (mg/l)
					High	Low	Daily Composite				
Upstream of Newell St Bridge	11/08/1999	2 1	9	89	27	3	4	---	---	---	---
Downstream of Lyman St. Bridge	11/08/1999	3 0	9	94	8	2	4	---	---	---	---
Upstream of Newell St. Bridge	11/09/1999	2 0	9	90	10	3	5	---	---	---	---
Downstream of Lyman St Bridge	11/09/1999	3.0	9	93	12	2	5	---	---	---	---
Upstream of Newell St. Bridge	11/10/1999	2.0	9	87	37	2	9	---	---	---	---
Downstream of Lyman St. Bridge	11/10/1999	3 0	9	100	16	2	5	---	---	---	---
Upstream of Newell St Bridge	11/11/1999	2 1	9	101	26	4	32	HR-11-11-99-U1	0.0373	ND(0.0250)	28
Downstream of Lyman St. Bridge	11/11/1999	3.1	9	110	37	4	27	HR-11-11-99-D1	0.0929	ND(0.0250)	22
Upstream of Newell St Bridge	11/12/1999	2 0	5.5	94	447	2	110	---	---	---	---
Downstream of Lyman St Bridge	11/12/1999	3 0	5.5	96	380	3	81	---	---	---	---
Upstream of Newell St. Bridge	11/15/1999	1.9	5.5	66	61	2	18	---	---	---	---
Downstream of Lyman St Bridge	11/15/1999	2 8	5	62	39	2	9	---	---	---	---
Upstream of Newell St. Bridge	11/16/1999	1.9	5 5	---	2	2	2	---	---	---	---
Downstream of Lyman St Bridge	11/16/1999	2.8	5 5	---	3	2	2	---	---	---	---
Upstream of Newell St. Bridge	11/17/1999	1 9	5.5	50	2	1	2	---	---	---	---
Downstream of Lyman St Bridge	11/17/1999	2.7	5 5	64	4	1	1	---	---	---	---
Upstream of Newell St Bridge	11/18/1999	2	5 5	56	6	4	4	---	---	---	---
Downstream of Lyman St. Bridge	11/18/1999	2 8	5.5	51	6	2	5	---	---	---	---
Upstream of Newell St. Bridge	11/19/1999	1 8	5 5	55	9	2	4	---	---	---	---
Downstream of Lyman St Bridge	11/19/1999	2 6	5.5	51	6	2	3	---	---	---	---

(See Notes on Page 2)

TABLE 2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

NOVEMBER 1999

UPPER 1/2 MILE REACH REMOVAL ACTION
HOUSATONIC RIVER PCB/TSS/TURBIDITY MONITORING DURING CONSTRUCTION

Location	Date	Water Depth (ft)	Water Temp. (°C)	Flow (cfs)	Turbidity (ntu)			Sample ID	Total PCB Concentrations (ug/l)	Filtered PCB Concentrations (ug/l)	TSS (mg/l)
					High	Low	Daily Composite				
Upstream of Newell St. Bridge	11/22/1999	1.9	5 5	44	2	2	2	---	---	---	---
Downstream of Lyman St. Bridge	11/22/1999	2.7	5.5	48	4	2	3	---	---	---	---
Upstream of Newell St Bridge	11/23/1999	2	6	48	9	1	7	HR-11-23-99-U1	NR	NR	NR
Downstream of Lyman St Bridge	11/23/1999	2.65	6	56	5	0	4	HR-11-23-99-D1	NR	NR	NR
Upstream of Newell St Bridge	11/24/1999	1 9	9	57	10	2	5	---	---	---	---
Downstream of Lyman St Bridge	11/24/1999	2 6	9	60	20	2	6	---	---	---	---
Upstream of Newell St. Bridge	11/29/1999	2.9	5	139	71	3	20	---	---	---	---
Downstream of Lyman St. Bridge	11/29/1999	3 5	5	167	64	4	13	---	---	---	---
Upstream of Newell St. Bridge	11/30/1999	2.65	4 5	129	15	2	5	---	---	---	---
Downstream of Lyman St. Bridge	11/30/1999	3 3	4 5	134	11	3	4	---	---	---	---

Notes:

1. PCB and TSS samples were collected by Blasland, Bouck, & Lee, Inc. and analyzed by Northeast Analytical, Inc.
2. Water depth taken at sampling point (i.e. middle of river)
3. ft - Feet
4. °C - degrees Celsius
5. cfs - cubic feet per second
6. ntu - nephelometric turbidity units
7. --- - No data obtained
8. ND(0.25) - Compound was analyzed for but not detected at the quantitation limit indicated in parentheses.
9. NR - Not yet reported
10. ug/l - micrograms per liter
11. mg/l - milligrams per liter
12. [ ] - Duplicate sample result

TABLE 3

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

ISOLATION LAYER MATERIAL SAMPLING
PCB & TPH DATA RECEIVED DURING NOVEMBER 1999
UPPER 1/2 MILE REACH
(Results are presented in dry-weight parts per million, ppm)

Sample ID	Date Collected	Total PCBs	TPH
PSG-SOIL-1	11/19/99	ND(0.0591)	---
PSG-SOIL-2	11/19/99	ND(0.0568) [ND(0.0599)]	--- ---
PSG-SOIL-TPH	11/19/99	---	ND(100)

Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc. and submitted to Northeast Analytical Services, Inc. for analysis of PCBs and Total Petroleum Hydrocarbons (TPH).
2. ND(0.10) - Analyte was not detected. The value in parentheses is the associated detection limit.
3. --- - Not analyzed.
4. Blind duplicate results are presented in brackets.

TABLE 4

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

PRE-REMEDIATION CAGED MUSSEL PCB DATA RECEIVED DURING NOVEMBER 1999
UPPER 1/2 MILE REACH
(Results are presented in parts per million, ppm)

Sample ID	Location	Date Collected	Number of Mussels	Length Range (mm)	Sample Weight (g)	Aroclor 1016, 1221, 1232, & 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Total PCBs	% Lipids
LOC 1 NB-E	Newell St. Bridge	9/16/99	6	65-71	205.6	ND(0.0537)	ND(0.0537)	0.130 AF	0.119 AG	0.249	0.486
LOC 1 NB-F	Newell St. Bridge	9/16/99	6	61-72	181.0	ND(0.0542)	ND(0.0542)	0.0960 AF	0.0960 AG	0 192	0.453
LOC 1 SB-E	Newell St. Bridge	9/16/99	6	54-69	160.8	ND(0.0537)	ND(0.0537)	0.0780 AF	0.0950 AG	0.173	0.298
LOC 1 SB-F	Newell St. Bridge	9/16/99	6	62-70	168.3	ND(0.0551)	ND(0.0551)	0.164 AF	0.135 AG	0.299	0.482
LOC 2 NB-E	Lyman St. Bridge	9/16/99	6	56-69	169.4	ND(0.0542)	0.161 PE	0.598 AF	0.588 AG	1.35	0.366
LOC 2 NB-F	Lyman St. Bridge	9/16/99	6	66-71	195.5	ND(0.0549)	0.160 PE	0.633 AF	0.700 AG	1.49	0.450
LOC 2 SB-E	Lyman St. Bridge	9/16/99	6	61-71	190.1	ND(0.0541)	0.186 PE	0.789 AF	0.701 AG	1.68	0.420
LOC 2 SB-F	Lyman St. Bridge	9/16/99	6	61-67	181.5	ND(0.0552)	0.992 PE	0.401 AF	0.408 AG	1.80	0.221
LOC 3 NB-E	Dawes Ave. Bridge	9/16/99	6	66-70	195.2	ND(0.0525)	0.184 PE	0.728 AF	0.857 AG	1.77	0.383
LOC 3 NB-F	Dawes Ave. Bridge	9/16/99	6	59-74	199.8	ND(0.0546)	0.207 PE	0.772 AF	0.874 AG	1.85	0.393
LOC 3 SB-E	Dawes Ave. Bridge	9/16/99	6	58-67	154.3	ND(0.0531)	0.285 PE	1.15 AF	1.24 AG	2.68	0.592
LOC 3 SB-F	Dawes Ave. Bridge	9/16/99	6	61-74	198.0	ND(0.0549)	0.198 PE	0.831 AF	0.973 AG	2.00	0.409

Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc. and submitted to Northeast Analytical, Inc. for analysis as whole body composites minus the shell for PCBs and percent lipids.
2. Sample weight represents the total weight of the unshucked composite.
3. Results are reported as received and have not been corrected for percent lipids.
4. ND(0.10) - Analyte was not detected. The value in parentheses is the associated detection limit.
5. PE - Aroclor 1248 is being used to report an altered PCB pattern exhibited by the sample. Actual Aroclor 1248 is not present in the sample, but is reported to more accurately quantify PCB present in sample that has undergone environmental alteration.
6. AF - Aroclor 1254 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
7. AG - Aroclor 1260 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.

ITEM 14

HOUSATONIC RIVER AREA
1-1/2 MILE REACH
NOVEMBER 1999

a. **Activities Undertaken/Completed**

On November 16, 1999, BBL (on GE's behalf) performed one round of water column monitoring at seven locations along the Housatonic River between Coltsville, MA and Great Barrington, MA. The one location in the 1½ Mile Reach was Dawes Avenue Bridge (Location 6). A composite grab sample was collected at this location and submitted to Northeast Analytical, Inc. (NEA) for PCB, TSS, POC, and chlorophyll-a analysis.*

b. **Sampling/Test Results Received**

See tabulated data that follow.

c. **Work Plans/Reports/Documents Submitted**

None

d. **Upcoming Scheduled Activities (next six weeks)**

None scheduled

e. **General Progress/Unresolved Issues/Potential Schedule Impacts**

No issues

f. **Proposed/Approved Work Plan Modifications**

None

TABLE 1

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

SURFACE WATER DATA RECEIVED DURING NOVEMBER 1999
1 1/2 MILE REACH
(Results are presented in parts per million, ppm)

Sample ID	Location	Date Collected	Aroclor 1016, 1221, 1232, 1242, & 1248	Aroclor 1254	Aroclor 1260	Total PCBs	POC	TSS	Chlorophyll (a)
LOCATION 6	Dawes Ave. Bridge	10/26/99	ND(0.0000250)	ND(0.0000250)	ND(0.0000250)	ND(0.0000250)	0.68	41	0.0012

Notes:

1. Sample was collected by Blasland, Bouck & Lee, Inc. and submitted to Northeast Analytical, Inc. and/or Aquatec Biological Sciences, for analysis of unfiltered PCBs, Total Suspended Solids (TSS), Particulate Organic Carbon (POC), and Chlorophyll (a).
2. Sampling methods involved the collection of composite grab samples at each location, representative of three stations (25, 50, and 75 percent of the total river width at each location) at 50 percent of the total river depth at each station.
3. ND - Compound was analyzed for, but was not detected. The detection limit is presented in parentheses.

ITEM 15

HOUSATONIC RIVER AREA
REST OF THE RIVER
NOVEMBER 1999

a. **Activities Undertaken/Completed**

- EPA performed floodplain soil sampling as part of the PCBs-by-congener sampling activities along the Housatonic River between the East/West Branch confluence and Woods Pond during the month of November. Split sampling was performed on behalf of GE by BBL. Five split samples were submitted to NEA for PCB analysis.*
- EPA performed extent-of-contamination floodplain sampling along the Housatonic River between the East/West Branch confluence and Woods Pond during November. Split sampling was performed on behalf of GE by BBL. Eight split samples were submitted to NEA for PCB analysis.*
- On November 16 BBL performed one round of water column monitoring at seven locations along the Housatonic River between Coltsville, MA and Great Barrington, MA. The six locations in the Rest of River are as follows: Hubbard Avenue Bridge (Location 1), Holmes Road Bridge (Location 7), New Lenox Road Bridge (Location 9), Woods Pond Headwaters (Location 10), Schweitzer Bridge (Location 12), and Division Street Bridge (Location 13). Sampling activities were performed downstream to upstream. Composite grab samples were collected at each location and submitted to NEA for PCB s, TSS, POC, and chlorophyll-a analysis.

b. **Sampling/Test Results Received**

See attached tables.

c. **Work Plans/Reports/Documents Submitted**

None

d. **Upcoming Scheduled Activities (next six weeks)**

- Continue Housatonic River monthly water column monitoring.
- Continue split bank soil and sediment sampling with EPA.*
- Continue split floodplain soil sampling with EPA.*

ITEM 15
(cont'd)

HOUSATONIC RIVER AREA
REST OF THE RIVER
NOVEMBER 1999

e. **General Progress/Unresolved Issues/Potential Schedule Impacts**

No issues

f. **Proposed/Approved Work Plan Modifications**

None

TABLE 1

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

SEDIMENT PCB DATA RECEIVED DURING NOVEMBER 1999 -- USEPA SPLIT SAMPLES
REST OF RIVER
(Results are presented in dry-weight parts per million, ppm)

Sample ID	Comments	Depth (Feet)	Date Collected	Aroclor 1016, 1221, 1232 1242, 1248, & 1254	Aroclor 1260	Total PCBs	TOC
H3-SD033202-0-0000C	PCBs congeners and fraction sediment sampling	0 - 0.5	10/26/99	ND(2.44)	74.2 AG	74.2	10000

Notes:

1. Samples represent sediment samples split with USEPA on behalf of GE by Blasland, Bouck & Lee, Inc. Samples were analyzed by Northeast Analytical, Inc. for PCBs and Total Organic Carbon (TOC).
2. ND(0.10) - Analyte was not detected. The value in parentheses is the associated detection limit.
3. AG - Aroclor 1260 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.

TABLE 2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

SOIL PCB DATA RECEIVED DURING NOVEMBER 1999 -- USEPA SPLIT SAMPLES
REST OF RIVER
(Results are presented in dry-weight parts per million, ppm)

Sample ID	Comments	Depth (Feet)	Date Collected	Aroclor 1016, 1221, 1232, 1242, & 1254	Aroclor 1248	Aroclor 1260	Total PCBs	TOC
H3-FL000913-0-0000	Human Health Risk Assessment	0 - 0.5	10/27/99	ND(1.27)	ND(1.27)	23.8 AG	23.8	34000
H3-BS000098-0-0005	Human Health Risk Assessment	0.5 - 1	10/27/99	ND(2.23)	ND(2.23)	54.7 AG	54.7	6400
H3-FL000959-0-0000	Floodplain PCB congeners	0 - 0.5	11/4/99	ND(0.720)	ND(0.720)	16.1 AG	16.1	NA
H3-FL000961-0-0000	Floodplain PCB congeners	0 - 0.5	11/4/99	ND(0.390)	ND(0.390)	10.8 AG	10.8	NA
H3-FL001068-0-0000	Extent of contamination - floodplain EPRI Area	0 - 0.5	11/10/99	ND(0.714)	ND(0.714)	16.5 AG	16.5	NA
H3-FL001070-0-0000	Extent of contamination - floodplain EPRI Area	0 - 0.5	11/10/99	ND(3.12)	ND(3.12)	72.0 AG	72.0	NA
H3-FL001071-0-0000	PCBs congeners-floodplain - EPRI Area	0 - 0.5	11/10/99	ND(2.56)	ND(2.56)	60.4 AG	60.4	NA
H3-FL001074-0-0000	PCBs congeners-floodplain - EPRI Area	0 - 0.5	11/10/99	ND(1.69)	ND(1.69)	39.7 AG	39.7	NA
H3-FL001091-0-0000	Extent of contamination - floodplain off East New Lenox Rd	0 - 0.5	11/11/99	ND(1.42)	1.49 PE	35.7 AG	37.2	NA
H3-FL001092-0-0000	Extent of contamination - floodplain off East New Lenox Rd	0 - 0.5	11/11/99	ND(2.40)	ND(2.40)	47.9 AG	47.9	NA

Notes:

1. Samples represent soil samples split with USEPA on behalf of GE by Blasland, Bouck & Lee, Inc. Samples were analyzed by Northeast Analytical, Inc. for PCBs and Total Organic Carbon (TOC).
2. ND(0.10) - Analyte was not detected. The value in parentheses is the associated detection limit.
3. AG - Aroclor 1260 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
4. PE - Aroclor 1248 is being used to report an altered PCB pattern exhibited by the sample. Actual Aroclor 1248 is not present in the sample, but is reported to more accurately quantify PCB present in sample that has undergone environmental alteration.
5. NA - Not analyzed.

TABLE 3

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

SURFACE WATER DATA RECEIVED DURING NOVEMBER 1999
REST OF RIVER
(Results are presented in parts per million, ppm)

Sample ID	Location	Date Collected	Aroclor 1016, 1221, 1232, 1242, & 1248	Aroclor 1254	Aroclor 1260	Total PCBs	POC	TSS	Chlorophyll (a)
LOCATION 1	Hubbard Ave. Bridge	10/26/99	ND(0.0000250) [ND(0.0000250)]	ND(0.0000250) [ND(0.0000250)]	ND(0.0000250) [ND(0.0000250)]	ND(0.0000250) [ND(0.0000250)]	0.52 [0.40]	1.7 [1.5]	0.0006 [0.0006]
LOCATION 7	Holmes Rd. Bridge	10/26/99	ND(0.0000250)	0.0000342 AF	0.0000330	0.0000672	0.50	5.2	0.0046
LOCATION 9	New Lenox Rd. Bridge	10/26/99	ND(0.0000250)	0.0000250 AF	0.0000276	0.0000526	0.49	5.0	0.0038
LOCATION 10	Headwaters of Woods Pond	10/26/99	ND(0.0000250)	0.0000368 AF	0.0000367	0.0000735	0.55	6.6	0.0032
LOCATION 12	Schweitzer Bridge	10/26/99	ND(0.0000250)	ND(0.0000250)	ND(0.0000250)	ND(0.0000250)	0.41	2.8	0.0028
LOCATION 13	Division St. Bridge	10/26/99	ND(0.0000250)	ND(0.0000250)	ND(0.0000250)	ND(0.0000250)	0.38	3.8	0.0015

Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc. and submitted to Northeast Analytical, Inc. and/or Aquatec Biological Sciences, for analysis of unfiltered PCBs, Total Suspended Solids (TSS), Particulate Organic Carbon (POC), and Chlorophyll (a).
2. Sampling methods involved the collection of composite grab samples at each location, representative of three stations (25, 50, and 75 percent of the total river width at each location) at 50 percent of the total river depth at each station.
3. ND - Compound was analyzed for, but was not detected. The detection limit is presented in parentheses.
4. Blind duplicate results are presented in brackets.
5. AF - Aroclor 1254 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.

TABLE 4

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

UNKAMET BROOK AREA/USEPA AREA 1 SURFACE WATER
PCB DATA RECEIVED DURING NOVEMBER 1999
REST OF RIVER
(Results are presented in parts per million, ppm)

Sample ID	Date	Aroclor 1016, 1221, 1232, 1242, 1248, & 1260	Aroclor 1254	Total PCBs
Unfiltered PCBs				
LOC-4	10/22/99	ND(0.0000250)	ND(0.0000250)	ND(0.0000250)
LOC-4A	10/22/99	ND(0.0000250)	0.0000369 AF	0.0000369
Filtered PCBs				
LOC-4	10/22/99	ND(0.0000250)	ND(0.0000250)	ND(0.0000250)
LOC-4A	10/22/99	ND(0.0000250)	ND(0.0000250)	ND(0.0000250)

Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc. and submitted to Northeast Analytical Services, Inc. for analysis of filtered and unfiltered PCBs.
2. ND - Analyte was not detected. The value in parentheses is the associated detection limit.
3. AF - Aroclor 1254 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.

TABLE 5

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

UNKAMET BROOK AREA/USEPA AREA 1 SURFACE WATER
APPENDIX IX+3 VOLATILE ORGANIC DATA RECEIVED DURING NOVEMBER 1999
REST OF RIVER
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	LOC-4 10/22/99	LOC-4A 10/22/99
Volatile Organics		
Acetone	0.0050 JB	0.031 B
Benzene	ND(0.010)	0.0020 J
Chlorobenzene	ND(0.010)	0.0090 J
Methylene Chloride	0.0020 J	0.0010 J

Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc. and submitted to Compuchem Environmental Corporation for analysis of Appendix IX + 3 volatile organic constituents.
2. ND - Analyte was not detected. The value in parentheses is the associated detection limit.
3. J - Indicates an estimated value less than the CLP-required quantitation limit.
4 Only those constituents detected in at least one sample are summarized.
5. B - Analyte was also detected in the associated method blank.

TABLE 6

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

HOUSATONIC RIVER 1998 FISH SAMPLING

REST OF RIVER
(Results are presented in parts per million, ppm)

Sample ID	Location	Date Collected	Species	Sample Type	Length (cm)	Weight (g)	Lipids (%)	Total PCB Congeners
WBC-BB-01	West Branch Confluence (WWTP) - H3	11/12/98	brown bullhead	fillet	25.5	220	1 14	9.18
WBC-YB-01	West Branch Confluence (WWTP) - H3	11/12/98	yellow bullhead	fillet	18.5	70	3.28	174.29
H3-TF07LB05-0-8S29 *	West Branch Confluence (WWTP) - H3	9/30/98	largemouth bass	fillet	---	---	0.434	5.39
H3-TF08LB08-0-8S30 *	West Branch Confluence (WWTP) - H3	9/30/98	largemouth bass	fillet	---	---	0.491	9.21
H3-TF09LB11-0-8S30 *	West Branch Confluence (WWTP) - H3	9/30/98	largemouth bass	fillet	---	---	2.79	38.2
H3-TF11LB22-0-8S30 *	West Branch Confluence (WWTP) - H3	10/1/98	largemouth bass	fillet	---	---	0.295	3.15
H3-TW10PSC1-0-8S30 *	West Branch Confluence (WWTP) - H3	9/30/98	pumpkinseed	whole body composite	---	---	2.84	35.1
WBC-PS-01	West Branch Confluence (WWTP) - H3	11/12/98	pumpkinseed	whole body composite	7.2-8.2	42.7	2.88	41.56
WBC-PS-02	West Branch Confluence (WWTP) - H3	11/12/98	pumpkinseed	whole body composite	8.4-8.9	56.1	3.25	37.6
H3-TF03YP01-0-8C02 *	West Branch Confluence (WWTP) - H3	10/2/98	yellow perch	fillet	---	---	0.569	26.6
H3-TF03YP02-0-8C02 *	West Branch Confluence (WWTP) - H3	10/3/98	yellow perch	fillet	---	---	0.581	6.39
H4-TFWPBB02-0-8C21 *	Woods Pond - H4	10/21/98	brown bullhead	fillet	---	---	3.05	31.8
H4-TFWPBB06-0-8C21 *	Woods Pond - H4	10/21/98	brown bullhead	fillet	---	---	1.7	9.58
H4-TFWPLB12-0-8C01 *	Woods Pond - H4	10/1/98	largemouth bass	fillet	---	---	0.542	7.11
H4-TFWPLB13-0-8C01 *	Woods Pond - H4	10/1/98	largemouth bass	fillet	---	---	0.177	5.43
H4-TFWPYP24-0-8C01 *	Woods Pond - H4	10/1/98	yellow perch	fillet	---	---	0.637	3.35
H4-TFWPYP25-0-8C01 *	Woods Pond - H4	10/1/98	yellow perch	fillet	---	---	0.525	2 48
H5-TFRPBB04-0-8C02 *	Rising Pond - H5	10/2/98	brown bullhead	fillet	---	---	1.07	1.29
RP-BB-01	Rising Pond - H5	11/10/98	brown bullhead	fillet	26.2	230	1.47	4.53
RP-BB-02	Rising Pond - H5	11/10/98	brown bullhead	fillet	27	230	1.57	5.03
RP-BB-03	Rising Pond - H5	11/10/98	brown bullhead	fillet	24	200	0.659	4.93
RP-BB-04	Rising Pond - H5	11/10/98	brown bullhead	fillet	25.9	205	2.79	13
RP-BB-05	Rising Pond - H5	11/10/98	brown bullhead	fillet	23.2	155	1.01	9.66
RP-BB-06	Rising Pond - H5	11/10/98	brown bullhead	fillet	26	210	1.86	7.53
RP-BB-07	Rising Pond - H5	11/10/98	brown bullhead	fillet	25.7	200	1.2	3.35
RP-BB-08	Rising Pond - H5	11/10/98	brown bullhead	fillet	27.8	280	2.41	6.99
RP-BB-09	Rising Pond - H5	11/10/98	brown bullhead	fillet	22 1	120	1.11	4.73
RP-BB-10	Rising Pond - H5	11/10/98	brown bullhead	fillet	27.7	260	1.55	3.33
RP-BB-11	Rising Pond - H5	11/10/98	brown bullhead	fillet	26 6	220	1.56	4.67
RP-BB-12	Rising Pond - H5	11/10/98	brown bullhead	fillet	23.5	150	1.3	3.69
RP-BB-13	Rising Pond - H5	11/10/98	brown bullhead	fillet	24.4	160	1.55	5.04
RP-BB-14	Rising Pond - H5	11/10/98	brown bullhead	fillet	25 2	190	3.27	7.18
RP-BB-15	Rising Pond - H5	11/10/98	brown bullhead	fillet	25	190	1.47	2.69
RP-CP-01	Rising Pond - H5	11/10/98	bluntnose minnow	whole body composite	7.7-9.2	40 1	5.02	15.2
RP-CP-02	Rising Pond - H5	11/10/98	bluntnose minnow	whole body composite	6.9-8	25.7	4.55	12.8

TABLE 6

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

HOUSATONIC RIVER 1998 FISH SAMPLING

REST OF RIVER
(Results are presented in parts per million, ppm)

Sample ID	Location	Date Collected	Species	Sample Type	Length (cm)	Weight (g)	Lipids (%)	Total PCB Congeners
RP-CP-03	Rising Pond - H5	11/10/98	bluntnose minnow	whole body composite	6.2-7.2	18.4	4	11.2
RP-CP-04	Rising Pond - H5	11/10/98	bluntnose minnow	whole body composite	5.8-6.7	21.9	3.62	10.4
RP-CP-05	Rising Pond - H5	11/10/98	bluntnose minnow	whole body composite	5.2-6.5	18.7	3.63	9.17
H5-TFRPLB09-0-8C02 *	Rising Pond - H5	10/2/98	largemouth bass	fillet	---	---	0.333	3.48
H5-TFRPLB11-0-8C02 *	Rising Pond - H5	10/2/98	largemouth bass	fillet	---	---	0 346	2 35
H5-TFRPLB13-0-8C02 *	Rising Pond - H5	10/2/98	largemouth bass	fillet	---	---	0.288	1.48
H5-TWRPPSC6-0-8C02 *	Rising Pond - H5	10/2/98	pumpkinseed	whole body	---	---	1.88	6.96
RP-YP-01	Rising Pond - H5	11/10/98	yellow perch	fillet	18.6	72	0.607	5.6
RP-YP-02	Rising Pond - H5	11/10/98	yellow perch	fillet	19.5	77	0 465	5.76
RP-YP-03	Rising Pond - H5	11/10/98	yellow perch	fillet	19.1	86	1.05	6 91
RP-YP-04	Rising Pond - H5	11/10/98	yellow perch	fillet	27.2	200	0.678	4.52
RP-YP-05	Rising Pond - H5	11/10/98	yellow perch	fillet	27.5	240	0.99	8 85
RP-YP-06	Rising Pond - H5	11/10/98	yellow perch	fillet	26.8	210	0.708	24.9
RP-YP-07	Rising Pond - H5	11/10/98	yellow perch	fillet	26.6	250	1.65	21.5
RP-YP-08	Rising Pond - H5	11/10/98	yellow perch	fillet	21.2	105	0.552	7
HR6-BB-01	Upstream of Konkapot River Confluence - HR6	11/11/98	brown bullhead	fillet	20.1	100	1.49	2.12
HR6-BB-02	Upstream of Konkapot River Confluence - HR6	11/12/98	brown bullhead	fillet	24.9	170	0.658	1.33
HR6-CP-01	Upstream of Konkapot River Confluence - HR6	11/11/98	bluntnose minnow	whole body composite	8.5-9.4	43.7	5.6	5.18
HR6-CP-02	Upstream of Konkapot River Confluence - HR6	11/11/98	bluntnose minnow	whole body composite	8.2-8 9	42.6	5.09	4 76
HR6-CP-03	Upstream of Konkapot River Confluence - HR6	11/11/98	bluntnose minnow	whole body composite	6.9-8.5	31.7	3.94	5 03
HR6-CP-04	Upstream of Konkapot River Confluence - HR6	11/11/98	bluntnose minnow	whole body composite	6 4-7.3	29	4.17	5.39
HR6-CP-05	Upstream of Konkapot River Confluence - HR6	11/11/98	bluntnose minnow	whole body composite	5.9-6.8	27.5	3.56	4.04
HR6-LB-22	Upstream of Konkapot River Confluence - HR6	11/11/98	largemouth bass	fillet	46.3	2000	2.75	7.17
HR6-LB-23	Upstream of Konkapot River Confluence - HR6	11/11/98	largemouth bass	fillet	33.8	460	0.897	2.65
HR6-LB-24	Upstream of Konkapot River Confluence - HR6	11/11/98	largemouth bass	whole body	25.5	250	3.75	0.195
HR6-LB-25	Upstream of Konkapot River Confluence - HR6	11/11/98	largemouth bass	whole body	29.1	340	0.578	0 943
HR6-LB-26	Upstream of Konkapot River Confluence - HR6	11/11/98	largemouth bass	whole body	20.5	110	0.524	ND(0.118)
HR6-PS-01	Upstream of Konkapot River Confluence - HR6	11/11/98	pumpkinseed	whole body composite	8 4-9.0	54.2	4.21	0.296
HR6-PS-02	Upstream of Konkapot River Confluence - HR6	11/11/98	pumpkinseed	whole body composite	8.3-8.8	50.5	3.86	0.27
HR6-PS-03	Upstream of Konkapot River Confluence - HR6	11/11/98	pumpkinseed	whole body composite	7.7-8.4	40.1	3.69	1 51
HR6-PS-04	Upstream of Konkapot River Confluence - HR6	11/11/98	pumpkinseed	whole body composite	7 5-8.0	35.5	2 86	2.49
HR6-PS-05	Upstream of Konkapot River Confluence - HR6	11/11/98	pumpkinseed	whole body composite	6.5-7.6	25 5	3.38	1.33
HR6-YP-22	Upstream of Konkapot River Confluence - HR6	11/11/98	yellow perch	fillet	28 9	290	0 968	6.24
HR6-YP-23	Upstream of Konkapot River Confluence - HR6	11/11/98	yellow perch	fillet	24.7	190	1 3	3.82
HR6-YP-24	Upstream of Konkapot River Confluence - HR6	11/11/98	yellow perch	fillet	28 6	310	2 67	9 56

TABLE 6

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

HOUSATONIC RIVER 1998 FISH SAMPLING

REST OF RIVER
(Results are presented in parts per million, ppm)

Sample ID	Location	Date Collected	Species	Sample Type	Length (cm)	Weight (g)	Lipids (%)	Total PCB Congeners
HR6-YP-25	Upstream of Konkapot River Confluence - HR6	11/11/98	yellow perch	fillet	28.4	290	1.02	5.93
HR6-YP-26	Upstream of Konkapot River Confluence - HR6	11/11/98	yellow perch	fillet	33.4	470	1.96	3.88
HR6-YP-27	Upstream of Konkapot River Confluence - HR6	11/11/98	yellow perch	fillet	30.1	365	2	5.14
HR6-YP-28	Upstream of Konkapot River Confluence - HR6	11/11/98	yellow perch	fillet	28.6	320	2	7.14
HR6-YP-29	Upstream of Konkapot River Confluence - HR6	11/11/98	yellow perch	fillet	28.2	310	1.8	4.5
HR6-YP-30	Upstream of Konkapot River Confluence - HR6	11/11/98	yellow perch	fillet	28.2	290	1.13	2.02
HR6-YP-31	Upstream of Konkapot River Confluence - HR6	11/11/98	yellow perch	fillet	30.3	370	1.44	8.28
HR6-YP-32	Upstream of Konkapot River Confluence - HR6	11/11/98	yellow perch	fillet	25.6	250	1.48	3.22
HR6-YP-33	Upstream of Konkapot River Confluence - HR6	11/11/98	yellow perch	fillet	30.2	400	1.27	2.2
HR6-YP-34	Upstream of Konkapot River Confluence - HR6	11/12/98	yellow perch	fillet	29.2	300	1.05	4.01
HR6-YP-35	Upstream of Konkapot River Confluence - HR6	11/12/98	yellow perch	fillet	30.9	450	0.599	1.04
HR6-YP-36	Upstream of Konkapot River Confluence - HR6	11/12/98	yellow perch	fillet	26.2	220	1.72	3.18
HR6-YP-37	Upstream of Konkapot River Confluence - HR6	11/12/98	yellow perch	fillet	21.9	130	1.21	1.15
HR6-YP-38	Upstream of Konkapot River Confluence - HR6	11/12/98	yellow perch	fillet	29.7	330	0.497	0.919
HR6-YP-39	Upstream of Konkapot River Confluence - HR6	11/12/98	yellow perch	fillet	27.7	280	0.778	1.71
HR6-YP-40	Upstream of Konkapot River Confluence - HR6	11/12/98	yellow perch	fillet	30.4	350	2.06	9.07
HR6-YP-41	Upstream of Konkapot River Confluence - HR6	11/12/98	yellow perch	fillet	26 5	210	1.67	4.66
H7-TFGPLB01-0-8C01 *	Goodrich Pond - H7	10/1/98	largemouth bass	fillet	---	---	1.02	10.8
H7-TFGPLB03-0-8C01 *	Goodrich Pond - H7	10/1/98	largemouth bass	fillet	---	---	0.366	0.352

Notes:

1. Data were previously received and inadvertently not reported.
2. Unless otherwise noted, samples were collected by Blasland, Bouck, & Lee, Inc. and submitted to Northeast Analytical, Inc. for analysis of PCBs and percent lipids.
3. * - Samples were collected by USEPA, and BBL split these samples for analysis by Northeast Analytical, Inc. for PCBs and percent lipids.
4. --- - Not available.
5. ND(0.10) - Analyte was not detected. The value in parentheses is the associated detection limit.
6. Results are reported as received and have not been corrected for percent lipids.

ITEM 19

OTHER AREAS
ALLENDALE SCHOOL PROPERTY
NOVEMBER 1999

a. **Activities Undertaken/Completed**

All final restoration activities have been completed.

b. **Sampling/Test Results Received**

See attached tables for sod sampling results obtained from several turf farms that were sampled for potential use of such sod in restoration activities at the Allendale School Property. In fact, only sod from the Four Star and Savage Turf farms were utilized at Allendale.

c. **Work Plans/Reports/Documents Submitted**

Weekly remediation status reports

d. **Upcoming Scheduled Activities (next six weeks)**

None

e. **General Progress/Unresolved Issues/Potential Schedule Impacts**

No issues

f. **Proposed/Approved Work Plan Modifications**

None

TABLE 1
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS
ALLENDALE SCHOOL PROPERTY
DATA RECEIVED AND SAMPLES COLLECTED DURING THE MONTH OF NOVEMBER 1999

Project Name	Sample-ID	Date Sampled	Depth Range	Matrix	Laboratory	Analyses	Date Received
Four Star Sod Farms Sampling Program	4-STAR-1M-1	10/1/99	0-0.167	Soil	CTE	PCB	11/2/99
Four Star Sod Farms Sampling Program	4-STAR-1M-2	10/1/99	0-0.167	Soil	CTE	PCB	11/2/99
Four Star Sod Farms Sampling Program	4-STAR-1M-3	10/1/99	0-0.167	Soil	CTE	PCB	11/2/99
Four Star Sod Farms Sampling Program	4-STAR-1M-4	10/1/99	0-0.167	Soil	CTE	PCB	11/2/99
Four Star Sod Farms Sampling Program	4-STAR-1M-5	10/1/99	0-0.167	Soil	CTE	PCB	11/2/99
Four Star Sod Farms Sampling Program	4-STAR-1M-6	10/1/99	0-0.167	Soil	CTE	PCB	11/2/99
Four Star Sod Farms Sampling Program	4-STAR-DUP-1	10/1/99	(4-STAR-1M-2)	Soil	CTE	PCB	11/2/99
Saratoga Sod Farm Sampling Program	SARA-TURF-1	10/4/99	0-0.167	Soil	CTE	PCB	11/2/99
Saratoga Sod Farm Sampling Program	SARA-TURF-2	10/4/99	0-0.167	Soil	CTE	PCB	11/2/99
Saratoga Sod Farm Sampling Program	SARA-TURF-3	10/4/99	0-0.167	Soil	CTE	PCB	11/2/99
Saratoga Sod Farm Sampling Program	SARA-TURF-DUP-1	10/4/99	(SARA-TURF-3)	Soil	CTE	PCB	11/2/99
Shuback Farms Sod Sampling Program	SHUB-DUP-1	9/21/99	(SHUB-I-1)	Soil	CTE	PCB	11/2/99
Shuback Farms Sod Sampling Program	SHUB-I-1	9/21/99	0-0.167	Soil	CTE	PCB	11/2/99
Shuback Farms Sod Sampling Program	SHUB-I-2	9/21/99	0-0.167	Soil	CTE	PCB	11/2/99
Shuback Farms Sod Sampling Program	SHUB-I-3	9/21/99	0-0.167	Soil	CTE	PCB	11/2/99
Shuback Farms Sod Sampling Program	SHUB-S1-4	9/21/99	0-0.167	Soil	CTE	PCB	11/2/99
Shuback Farms Sod Sampling Program	SHUB-S1-5	9/21/99	0-0.167	Soil	CTE	PCB	11/2/99
Shuback Farms Sod Sampling Program	SHUB-S1-6	9/21/99	0-0.167	Soil	CTE	PCB	11/2/99
Tuckahoe Turf Farm Sampling Program	TTF-303A-1	7/27/99	0-0.167	Soil	CTE	PCB	11/2/99
Tuckahoe Turf Farm Sampling Program	TTF-303A-2	7/27/99	0-0.167	Soil	CTE	PCB	11/2/99
Tuckahoe Turf Farm Sampling Program	TTF-303A-3	7/27/99	0-0.167	Soil	CTE	PCB	11/2/99

Field duplicate sample locations are presented in parenthesis.

TABLE 1
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS
ALLENDALE SCHOOL PROPERTY
DATA RECEIVED AND SAMPLES COLLECTED DURING THE MONTH OF NOVEMBER 1999

Project Name	Sample-ID	Date Sampled	Depth Range	Matrix	Laboratory	Analyses	Date Received
Tuckahoe Turf Farm Sampling Program	TTF-303A-4	7/27/99	0-0.167	Soil	CTE	PCB	11/2/99
Tuckahoe Turf Farm Sampling Program	TTF-303A-5	7/27/99	0-0.167	Soil	CTE	PCB	11/2/99
Tuckahoe Turf Farm Sampling Program	TTF-303A-6	7/27/99	0-0.167	Soil	CTE	PCB	11/2/99
Tuckahoe Turf Farm Sampling Program	TTF-303A-DUP-1	7/27/99	(TTF-303A-6)	Soil	CTE	PCB	11/2/99

Field duplicate sample locations are presented in parenthesis.

TABLE 1

PRELIMINARY ANALYTICAL DATA
SUBJECT TO VERIFICATION

GENERAL ELECTRIC COMPANY - PITTSFIELD , MASSACHUSETTS
ALLENDALE SCHOOL PROPERTY
SOD FARM SAMPLING

SUMMARY OF PCB DATA
(Results in ppm, dry-weight)

	Saratoga Sod Farm			Shuback Farms					
Sample ID:	SARA-TURF-1	SARA-TURF-2	SARA-TURF-3	SHUB-I-1	SHUB-I-2	SHUB-I-3	SHUB-S1-4	SHUB-S1-5	SHUB-S1-6
Date Collected:	10/04/99	10/04/99	10/04/99	09/21/99	09/21/99	09/21/99	09/21/99	09/21/99	09/21/99
PCBs									
Aroclor-1016	ND(0 043)	ND(0 042)	ND(0 042) [ND(0 046)]	ND(0 85) [ND(0 86)]	ND(0 78)	ND(0.82)	ND(0 72)	ND(0 74)	ND(0 77)
Aroclor-1221	ND(0 043)	ND(0.042)	ND(0 042) [ND(0 046)]	ND(0 85) [ND(0 86)]	ND(0 78)	ND(0 82)	ND(0 72)	ND(0 74)	ND(0 77)
Aroclor-1232	ND(0 043)	ND(0 042)	ND(0 042) [ND(0 046)]	ND(0 85) [ND(0 86)]	ND(0 78)	ND(0 82)	ND(0 72)	ND(0 74)	ND(0 77)
Aroclor-1242	ND(0.043)	ND(0 042)	ND(0 042) [ND(0 046)]	ND(0 85) [ND(0 86)]	ND(0 78)	ND(0 82)	ND(0 72)	ND(0 74)	ND(0 77)
Aroclor-1248	ND(0 043)	ND(0 042)	ND(0 042) [ND(0 046)]	ND(0 85) [ND(0 86)]	ND(0 78)	ND(0 82)	ND(0 72)	ND(0 74)	ND(0 77)
Aroclor-1254	ND(0 043)	ND(0 042)	ND(0 042) [ND(0 046)]	ND(0 85) [ND(0 86)]	ND(0 78)	ND(0 82)	ND(0 72)	ND(0 74)	ND(0 77)
Aroclor-1260	ND(0 043)	ND(0 042)	ND(0 042) [ND(0.046)]	ND(0 85) [ND(0 86)]	ND(0 78)	ND(0.82)	ND(0 72)	ND(0 74)	ND(0.77)
Total PCBs	ND(0 043)	ND(0 042)	ND(0 042) [ND(0 046)]	ND(0 85) [ND(0 86)]	ND(0 78)	ND(0 82)	ND(0 72)	ND(0 74)	ND(0.77)

	Tuckahoe Turf Farm						Savage Sod Farm		
Sample ID:	TTF-303A-1	TTF-303A-2	TTF-303A-3	TTF-303A-4	TTF-303A-5	TTF-303A-6	WHATELY-SOD-1	WHATELY-SOD-2	WHATELY-SOD-3
Date Collected:	09/27/99	09/27/99	09/27/99	09/27/99	09/27/99	09/27/99	05/04/99	05/04/99	05/04/99
PCBs									
Aroclor-1016	ND(0 40)	ND(0 30)	ND(0 30)	ND(0 30)	ND(0 40)	ND(0 40) [ND(0 40)]	ND(0 040)	ND(0 040)	ND(0 039)
Aroclor-1221	ND(0 40)	ND(0 30)	ND(0 30)	ND(0 30)	ND(0 40)	ND(0 40) [ND(0 40)]	ND(0 040)	ND(0.040)	ND(0 039)
Aroclor-1232	ND(0 40)	ND(0.30)	ND(0 30)	ND(0 30)	ND(0 40)	ND(0 40) [ND(0 40)]	ND(0.040)	ND(0 040)	ND(0.039)
Aroclor-1242	ND(0 40)	ND(0 30)	ND(0 30)	ND(0.30)	ND(0 40)	ND(0 40) [ND(0 40)]	ND(0.040)	ND(0 040)	ND(0 039)
Aroclor-1248	ND(0 40)	ND(0.30)	ND(0 30)	ND(0 30)	ND(0 40)	ND(0 40) [ND(0.40)]	ND(0 040)	ND(0 040)	ND(0 039)
Aroclor-1254	ND(0 40)	ND(0 30)	ND(0 30)	ND(0 30)	ND(0 40)	ND(0 40) [ND(0 40)]	ND(0 040)	ND(0 040)	ND(0 039)
Aroclor-1260	ND(0 40)	ND(0 30)	ND(0 30)	ND(0 30)	ND(0 40)	ND(0 40) [ND(0 40)]	ND(0 040)	ND(0 040)	ND(0 039)
Total PCBs	ND(0 40)	ND(0 30)	ND(0 30)	ND(0 30)	ND(0 40)	ND(0.40) [ND(0 40)]	ND(0 040)	ND(0 040)	ND(0 039)

	Four Star Sod Farms						Savage Sod Farm		
Sample ID:	4-STAR-1M-1	4-STAR-1M-2	4-STAR-1M-3	4-STAR-1M-4	4-STAR-1M-5	4-STAR-1M-6	LOWER-SOD-1	LOWER-SOD-2	LOWER-SOD-3
Date Collected:	10/01/99	10/01/99	10/01/99	10/01/99	10/01/99	10/01/99	05/04/99	05/04/99	05/04/99
PCBs									
Aroclor-1016	ND(0.040)	ND(0 10) [ND(0 040)]	ND(0 040)	ND(0 039)	ND(0 038)	ND(0 040)	ND(0 20)	ND(0 060) [ND(0 10)]	ND(0.10)
Aroclor-1221	ND(0 040)	ND(0 10) [ND(0 040)]	ND(0 040)	ND(0 039)	ND(0 038)	ND(0 040)	ND(0 20)	ND(0 060) [ND(0 10)]	ND(0.10)
Aroclor-1232	ND(0 040)	ND(0 10) [ND(0 040)]	ND(0.040)	ND(0 039)	ND(0 038)	ND(0 040)	ND(0 20)	ND(0 060) [ND(0.10)]	ND(0.10)
Aroclor-1242	ND(0 040)	ND(0 10) [ND(0 040)]	ND(0 040)	ND(0 039)	ND(0 038)	ND(0 040)	ND(0 20)	ND(0 060) [ND(0.10)]	ND(0.10)
Aroclor-1248	ND(0 040)	ND(0 10) [ND(0 040)]	ND(0 040)	ND(0 039)	ND(0 038)	ND(0.040)	ND(0 20)	ND(0 060) [ND(0 10)]	ND(0 10)
Aroclor-1254	ND(0.040)	ND(0 10) [ND(0 040)]	ND(0 040)	ND(0 039)	ND(0 038)	ND(0 040)	ND(0 20)	ND(0.060) [ND(0 10)]	ND(0.10)
Aroclor-1260	ND(0 040)	ND(0 10) [ND(0 040)]	ND(0.040)	ND(0 039)	ND(0 038)	ND(0 040)	ND(0 20)	ND(0 060) [ND(0 10)]	ND(0 10)
Total PCBs	ND(0 040)	ND(0 10) [ND(0 040)]	ND(0 040)	ND(0 039)	ND(0 038)	ND(0 040)	ND(0 20)	ND(0 060) [ND(0 10)]	ND(0 10)

Notes.

1) Samples were collected by Blasland, Bouck & Lee, Inc , and were submitted to CT&E Environmental Services, Inc for analysis of PCBs
2) ND - Analyte was not detected The value in parentheses is the associated detection limit
3) Duplicate results are presented in brackets

ITEM 21

GROUNDWATER MANAGEMENT AREA
PLANT SITE 1
NOVEMBER 1999

a. **Activities Undertaken/Completed**

- Continued automated groundwater and oil pumping at East Street Area 1 North and South. Ten gallons of oil were removed from the southside caisson. Continued monthly well monitoring and manual oil removal. 0.005 liters of oil were removed from wells 34, 72, and 131. Additionally, 0.5 and 0.4 liters were removed from wells 105 and 106, respectively. Summary tables follow.
- Continued automated groundwater and oil pumping at East Street Area 2-South. A total of 1,422 gallons of oil was removed from pumping systems 64X, 64S, 64V, RW-1(S), RW-1(X), RW-2(X) and 40R/64R. Continued monthly/weekly well monitoring and manual NAPL removal. Summary tables follow.
- Continued automated groundwater and oil pumping at the Lyman Street Area. A total of five gallons of LNAPL was removed from the recovery systems. Continued well monitoring and manual NAPL removal. LNAPL was removed from well LS-31 in quantities 0.6 liters. DNAPL was removed from wells LS-30, LS-31, LS-34, LS-34I, LSSC-07 and LSSC-16I in quantities of 0.7, 0.6 1.0, 1.0, 4.8 and 0.89 liters respectively. No seeps were observed during weekly riverbank inspections. Summary tables for well monitoring and oil recovery are attached.
- Continued automated DNAPL recovery at Newell Street Area II with the collection of 1310.4 gallons of DNAPL from the two automated collection systems. Continued well monitoring and manual NAPL removal. Summary tables follow.
- Begin semi-annual sampling of monitoring wells located near the groundwater recharge pond in East Street Area 2-South.

b. **Sampling/Test Results Received**

None

c. **Work Plans/Reports/Documents Submitted**

None

ITEM 21
(cont'd)

GROUNDWATER MANAGEMENT AREA
PLANT SITE 1
NOVEMBER 1999

d. **Upcoming Scheduled Activities (next six weeks)**

- Continue ongoing oil recovery and well monitoring activities.
- Prepare semi-annual monitoring report for East Street Area 1 North and South.
- Submit DNAPL pumping design for well RW-3(X) in East Street Area 2-South.
- Perform evaluation of DNAPL removal at wells LSSC-07 and -16I in Lyman Street Area and of the Newell Street Area II recovery systems.
- Perform semi-annual sampling of wells near the groundwater recharge pond in East Street Area 2-South.

e. **General Progress/Unresolved Issues/Potential Schedule Impacts**

No issues

f. **Proposed/Approved Work Plan Modifications**

None

TABLE 1
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS
EAST STREET AREA 2 - SOUTH
DATA RECEIVED AND SAMPLES COLLECTED DURING THE MONTH OF NOVEMBER 1999

Project Name	Sample-ID	Date Sampled	Depth Range	Matrix	Laboratory	Analyses	Date Received
Recharge Pond Groundwater Monitoring	22-GW-29	11/30/99	NA	Water	Quanterra	PCB,VOC,SVOC,TOX,TOC, Ph,Specific Conductance	
Recharge Pond Groundwater Monitoring	43-GW-29	11/30/99	NA	Water	Quanterra	PCB,VOC,SVOC,TOX,TOC, Ph,Specific Conductance	
Recharge Pond Groundwater Monitoring	44-GW-29	11/30/99	NA	Water	Quanterra	PCB,VOC,SVOC,TOX,TOC, Ph,Specific Conductance	
Recharge Pond Groundwater Monitoring	PG-GW-26	11/30/99	NA	Water	Quanterra	PCB,VOC,SVOC,TOX,TOC, Ph,Specific Conductance	

Field duplicate sample locations are presented in parenthesis

12/6/99

EAST STREET AREA 1 ACTIVE RECOVERY SYSTEMS
MONTHLY SUMMARY
November 1999

		Vol. Oil Collected	Vol. Water Recovered	Percent Downtime
Northside	Nov 98	0	16,100	
Caisson	Dec 98	0	17,000	
	Jan 99	0	20,900	
	Feb 99	1	25,900	
	Mar 99	0	38,200	
	Apr 99	0	12,900	
	May 99	0	25,500	
	Jun 99	0	23,600	
	Jul 99	0	18,000	
	Aug 99	2	16,900	
	Sep 99	0	22,400	
	Oct 99	0	23,600	0.89
	Nov 99	0	21,400	
Southside	Nov 98	0	16,220	
Caisson	Dec 98	15	43,020	
	Jan 99	10	52,690	3.5
	Feb 99	3	70,720	
	Mar 99	0	91,560	
	Apr 99	0	71,610	
	May 99	0	70,010	
	Jun 99	0	70,910	
	Jul 99	0	*	
	Aug 99	0	*	
	Sep 99	15	*	
	Oct 99	15	59,020	0.89
	Nov 99	10	72,130	

* Flow meter not functioning properly

Well ID	Date	Depth to Water	Depth to Petro	Petro Thickness (Ft.)	Oil Removed (L)
34	11/03/99	5.43	5.42	0.01	0.005
52	11/03/99	4.94	0.00	0.00	
72	11/03/99	6.40	6.39	0.01	0.005
105	11/03/99	8.13	7.28	0.85	0.50
106	11/03/99	7.68	7.62	0.06	0.40
131	11/03/99	4.00	3.97	0.03	0.005

EAST STREET AREA 2 ACTIVE RECOVERY SYSTEMS
MONTHLY SUMMARY
November 1999

	Month	Gal. Oil Collected	Gal. Water Recovered	Percent Downtime
64S	Nov 98	586 ***	187,010	
	Dec 98	648 ***	237,402	
	Jan 99	1183 ***	244,655	2.4
	Feb 99	1188 ***	525,812	
	Mar 99	687 ***	755,120	0.7
	Apr 99	600 ***	711,644	
	May 99	713 ***	550,617	
	Jun 99	280 ***	564,813	
	Jul 99	633 ***	383,882	
	Aug 99	547 ***	218,817	
	Sept 99	688 ***	297,272	0.25
	Oct 99	1156 ***	348,434	0.89
	Nov 99	672 ***	430,661	0.14
64V	Nov 98	1586	845,900	0.25
	Dec 98	1387	1,054,100	
	Jan 99	703	886,800	
	Feb 99	1594	1,019,000	
	Mar 99	1380	1,326,500	
	Apr 99	320	1,062,400	
	May 99	630	1,004,400	
	Jun 99	1084	1,106,400	
	Jul 99	708	971,200	
	Aug 99	728	840,300	
	Sept 99	745	979,900	
	Oct 99	1504	893,400	0.89
	Nov 99	717	1,933,100	
RW-1(X)	Nov 98	140 **	800,300	
	Dec 98	28 **	1,264,800	
	Jan 99	58 **	1,007,700	
	Feb 99	85 **	789,900	
	Mar 99	42 **	892,600	
	Apr 99	220 **	755,865	
	May 99	47 **	743,200	
	Jun 99	26 **	894,100	
	Jul 99	41 **	766,500	
	Aug 99	53 **	825,600	
	Sept 99	75 **	905,100	
	Oct 99	68 **	689,000	0.89
	Nov 99	33 **	654,400	0.9

EAST STREET AREA 2 ACTIVE RECOVERY SYSTEMS
MONTHLY SUMMARY
November 1999

	Month	Gal. Oil Collected	Gal. Water Recovered	Percent Downtime
RW-2(X)	Nov 98	0	818,600	
	Dec 98	0	525,400	
	Jan 99	0	403,200	3.8
	Feb 99	0	478,600	0.03
	Mar 99	0	559,500	0.7
	Apr 99	0	289,100	1.79
	May 99	0	417,300	
	Jun 99	0	527,600	
	Jul 99	0	437,500	
	Aug 99	0	394,200	
	Sept 99	0	495,929	
	Oct 99	0	414,600	0.89
	Nov 99	0	348,600	1.2
64X	Nov 98	140 **	446,400	0.25
	Dec 98	28 **	504,000	
	Jan 99	58 **	400,700	
	Feb 99	85 **	403,200	
	Mar 99	42 **	489,600	0.7
	Apr 99	220 **	475,200	
	May 99	47 **	403,200	
	Jun 99	26 **	504,000	
	Jul 99	41 **	403,200	
	Aug 99	53 **	403,200	
	Sept 99	75 **	517,171	
	Oct 99	68 **	403,200	0.89
	Nov 99	33 **	403,200	0.9
64R	Nov 98	1422 *	5,900	0.25
	Dec 98	1414 *	4,900	
	Jan 99	461 *	87,600	
	Feb 99	0 *	198,500	
	Mar 99	0 *	317,400	
	Apr 99	0 *	319,600	
	May 99	0 *	183,400	
	Jun 99	485 *	198,700	
	Jul 99	0 *	216,400	
	Aug 99	1812 *	160,200	
	Sept 99	1406 *	170,200	
	Oct 99	546 *	180,600	0.89
	Nov 99	0 *	117,400	

EAST STREET AREA 2 ACTIVE RECOVERY SYSTEMS
MONTHLY SUMMARY
November 1999

	Month	Gal. Oil Collected	Gal. Water Recovered	Percent Downtime
#40R	Nov 98	1422 *		
	Dec 98	1414 *		
	Jan 99	461 *		
	Feb 99	0 *		
	Mar 99	0 *		
	Apr 99	0 *		
	May 99	0 *		
	Jun 99	485 *		
	Jul 99	0 *		
	Aug 99	1812 *		
	Sept 99	1406 *		
	Oct 99	546 *		0.89
	Nov 99	0		
RW-1(S)	Nov 98	586 ***	379,253	
	Dec 98	648 ***	486,973	
	Jan 99	1183 ***	448,497	2.4
	Feb 99	1188 ***	630,853	
	Mar 99	687 ***	881,773	
	Apr 99	600 ***	701,478	
	May 99	713 ***	607,851	
	Jun 99	280 ***	643,808	
	Jul 99	633 ***	483,704	
	Aug 99	547 ***	398,667	
	Sept 99	688 ***	516,853	
	Oct 99	1156 ***	499,743	0.89
	Nov 99	672 ***	530,384	0.14

* oil collected is combination of 64R and 40R
** oil collected is combination of RW-1(X) and 64X
*** oil collected is combination of 64S and RW-1(S)

EAST STREET AREA II RIVERBANK

Weekly/Monthly Well Monitoring & Oil Removal

November 1999

Well ID	Date	Depth to Water	Depth to Petro	Petro Thickness	Oil Removed (L)
PZ-1S	11/03/99	17.15	17.13	0.02	
	11/11/99	17.64	17.61	0.03	
	11/18/99	18.18	18.17	0.01	
	11/24/99	18.25	18.18	0.07	
PZ-6S	11/03/99	11.58	0.00	0.00	
	11/11/99	12.03	0.00	0.00	
	11/18/99	12.64	0.00	0.00	
	11/24/99	12.78	0.00	0.00	
WP-1	11/03/99	6.43		0.00	
	11/11/99	6.99	6.98	0.01	
	11/18/99	7.57	7.56	0.01	
	11/24/99	7.63	7.62	0.01	
WP-6	11/03/99	*			
	11/11/99	*			
	11/18/99	3.41	0.00	0.00	
	11/24/99	3.44	0.00	0.00	
WELL 53	11/03/99	13.84	0.00	0.00	
	11/11/99	14.28	0.00	0.00	
	11/18/99	14.57	0.00	0.00	
	11/24/99	15.35	0.00	0.00	
WELL 54	11/03/99	13.12	0.00	0.00	
	11/11/99	13.52	0.00	0.00	
	11/18/99	13.81	0.00	0.00	
	11/24/99	14.44	0.00	0.00	
WELL E2SC-23	11/03/99	17.90	0.00	0.00	
	11/11/99	17.83	0.00	0.00	
	11/18/99	17.83	0.00	0.00	
	11/24/99	17.89	0.00	0.00	
WELL E2SC-24	11/03/99	14.92	0.00	0.00	
	11/11/99	15.50	0.00	0.00	
	11/18/99	15.99	0.00	0.00	
	11/24/99	16.40	0.00	0.00	
WELL 63	11/03/99	13.64	0.00	0.00	
	11/11/99	14.14	0.00	0.00	
	11/18/99	14.65	0.00	0.00	
	11/24/99	14.77	0.00	0.00	

EAST STREET AREA II RIVERBANK

Weekly/Monthly Well Monitoring & Oil Removal

November 1999

Well ID	Date	Depth to Water	Depth to Petro	Petro Thickness	Oil Removed (L)
RB-1	11/03/99	12.83	12.72	0.11	
ES2-1	11/01/99	13.10	0.00	0.00	
ES2-2A	11/01/99	7.71	0.00	0.00	
ES2-6	11/01/99	13.80	0.00	0.00	
ES2-7	11/01/99	7.54	0.00	0.00	
PZ-2S	11/01/99	13.65	13.64	0.01	
PZ-4S	11/03/99	7.89	0.00	0.00	

* Due to height of river, well was inaccessible.

Note: Wells WP-2, WP-3, WP-4, WP-5 and WP-13 were removed during sheetpiling on riverbank.

SLURRY WALL
Weekly Well Monitoring 1999
November 1999

SAMPLING DATE	WELL ID	MP ELEV (FT ABOVE) MSL)	OIL DEPTH (FT)	DEPTH TO WATER (FT)	OIL THICKNESS (FT)	CORRECTED WL ELEV (FT. ABOVE MSL)	MEASURED WL ELEV (FT. ABOVE MSL)
11/03/99	42	988.33	0.00	14.20	0.00	974.13	974.13
11/03/99	48	992.39	19.75	22.08	2.33	972.36	970.31
11/03/99	49R	988.71	0.00	15.89	0.00	972.82	972.82
11/03/99	49RR	989.80	0.00	17.15	0.00	972.65	972.65
11/03/99	55	989.45	16.75	18.18	1.43	972.53	971.27
11/03/99	56	987.28	15.56	15.64	0.08	971.71	971.64
11/03/99	57	989.80	0.00	13.98	0.00	975.82	975.82
11/03/99	58	985.79	0.00	13.86	0.00	971.93	971.93
11/03/99	59	986.32	0.00	15.12	0.00	971.20	971.20
11/03/99	64X-N	984.83	12.15	12.84	0.69	972.60	971.99
11/03/99	64X-S	981.56	8.90	9.93	1.03	972.54	971.63
11/03/99	64X-W	984.87	12.20	13.30	1.10	972.54	971.57
11/03/99	64V	987.29	22.10	22.30	0.20	965.17	964.99
11/10/99	42	988.33	0.00	14.09	0.00	974.24	974.24
11/10/99	48	992.39	19.58	21.99	2.41	972.52	970.40
11/10/99	49R	988.71	0.00	15.81	0.00	972.90	972.90
11/10/99	49RR	989.80	0.00	16.98	0.00	972.82	972.82
11/10/99	55	989.45	16.71	18.19	1.48	972.56	971.26
11/10/99	56	987.28	16.43	16.62	0.19	970.83	970.66
11/10/99	57	989.80	0.00	14.00	0.00	975.80	975.80
11/10/99	58	985.79	0.00	13.33	0.00	972.46	972.46
11/10/99	59	986.32	0.00	15.21	0.00	971.11	971.11
11/10/99	64X-N	984.83	12.60	12.88	0.28	972.20	971.95
11/10/99	64X-S	981.56	9.67	9.78	0.11	971.88	971.78
11/10/99	64X-W	984.87	13.00	13.96	0.96	971.75	970.91
11/10/99	64V	987.29	22.00	22.10	0.10	965.28	965.19
11/17/99	42	988.33	0.00	14.16	0.00	974.17	974.17

SLURRY WALL
Weekly Well Monitoring 1999
November 1999

SAMPLING DATE	WELL ID	MP ELEV (FT ABOVE) MSL)	OIL DEPTH (FT)	DEPTH TO WATER (FT)	OIL THICKNESS (FT)	CORRECTED WL ELEV (FT. ABOVE MSL)	MEASURED WL ELEV (FT. ABOVE MSL)
11/17/99	48	992.39	19.71	22.08	2.37	972.40	970.31
11/17/99	49R	988.71	0.00	15.98	0.00	972.73	972.73
11/17/99	49RR	989.80	0.00	17.14	0.00	972.66	972.66
11/17/99	55	989.45	16.85	18.54	1.69	972.40	970.91
11/17/99	56	987.28	16.56	16.69	0.13	970.70	970.59
11/17/99	57	989.80	0.00	14.03	0.00	975.77	975.77
11/17/99	58	985.79	0.00	13.51	0.00	972.28	972.28
11/17/99	59	986.32	0.00	15.30	0.00	971.02	971.02
11/17/99	64X-N	984.83	12.78	13.06	0.28	972.02	971.77
11/17/99	64X-S	981.56	9.84	9.99	0.15	971.70	971.57
11/17/99	64X-W	984.87	13.21	13.23	0.02	971.66	971.64
11/17/99	64V	987.29	22.00	22.90	0.90	965.18	964.39
11/24/99	42	988.33	0.00	14.34	0.00	973.99	973.99
11/24/99	48	992.39	20.09	22.67	2.58	971.99	969.72
11/24/99	49R	988.71	0.00	16.51	0.00	972.20	972.20
11/24/99	49RR	989.80	0.00	17.58	0.00	972.22	972.22
11/24/99	55	989.45	17.32	19.84	2.52	971.83	969.61
11/24/99	56	987.28	15.99	17.16	1.17	971.15	970.12
11/24/99	57	989.80	0.00	14.15	0.00	975.65	975.65
11/24/99	58	985.79	0.00	14.08	0.00	971.71	971.71
11/24/99	59	986.32	0.00	15.70	0.00	970.62	970.62
11/24/99	64X-N	984.83	12.95	13.20	0.25	971.85	971.63
11/24/99	64X-S	981.56	10.06	10.18	0.12	971.49	971.38
11/24/99	64X-W	984.87	13.42	13.43	0.01	971.45	971.44
11/24/99	64V	987.29	22.20	23.10	0.90	964.98	964.19

MISCELLANEOUS EAST STREET AREA II WELLS
Monthly Monitoring - November 1999

SAMPLING DATE	WELL NO	MEASURING PT ELEVATION (FT ABOVE MSL)	OIL DEPTH (FEET)	H20 DEPTH (FEET)	OIL THICKNESS (FEET)	CORRECTED WL ELEVATION (FT ABOVE MSL)
11/01/99	02	995.64	19.41	20.10	0.69	976.15
11/01/99	06	991.18	0.00	16.30	0.00	974.88
11/01/99	08	985.35	11.79	12.60	0.81	973.47
11/01/99	28	991.81	0.00	13.60	0.00	978.21
11/01/99	29	991.59	18.90	18.91	0.01	972.69
11/01/99	32	990.81	0.00	13.39	0.00	977.42
11/01/99	35	982.81	0.00	9.45	< 0.01	973.36
11/01/99	36	983.02	0.00	9.87	0.00	973.15
11/01/99	37	980.37	0.00	7.05	0.00	973.32
11/01/99	38	980.77	0.00	6.63	0.00	974.14
11/01/99	43	989.67	0.00	15.59	0.00	974.08
11/01/99	44	988.33	0.00	14.00	0.00	974.33
11/01/99	51	985.38	0.00	12.78	0.00	972.60
11/01/99	64	985.00	0.00	13.11	0.00	971.89
11/01/99	P-3	989.25	0.00	5.09	< 0.01	984.16
11/01/99	P-3D	988.54	0.00	11.09	0.00	977.45
11/01/99	P-7	989.10		Dry	0.00	989.10
11/01/99	POND			1.00		

EAST STREET AREA 2 WELLS
WEEKLY MEASUREMENT AND REMOVAL
OF RECOVERABLE LNAPL
November 1999

WELL ID	SAMPLING DATE	DEPTH TO WATER	DEPTH TO LNAPL	LNAPL THICKNESS (FT.)	LNAPL REMOVED (L)
BLDG. 42	11/01/99	20.50	0.00	< 0.01	
ELEVATOR	11/09/99	20.39	0.00	< 0.01	
	11/15/99	20.38	0.00	< 0.01	
	11/22/99	20.60	0.00	< 0.01	
	11/29/99	20.50	0.00	< 0.01	
WELL	11/03/99	18.20	17.80	0.40	0.25
13	11/11/99	18.56	17.92	0.64	0.38
	11/18/99	18.99	18.16	0.83	0.45
	11/24/99	19.18	18.22	0.96	0.60
WELL	11/03/99	11.18	11.15	0.03	0.03
14	11/11/99	18.34	18.29	0.05	0.03
	11/18/99	19.32	18.47	0.85	0.52
	11/24/99	19.50	18.52	0.98	0.60
WELL	11/03/99	16.00	15.95	0.05	0.03
15R	11/11/99	16.21	16.18	0.03	0.02
	11/18/99	16.50	16.44	0.06	0.015
	11/24/99	17.29	16.38	0.91	0.55
WELL	11/03/99	10.70	10.69	0.01	
50	11/11/99	10.84	10.82	0.02	
	11/18/99	11.11	10.89	0.22	
	11/24/99	11.06	11.03	0.03	
WELL	11/03/99	19.78	0.00	0.00	
66	11/11/99	17.63	0.00	0.00	
	11/18/99	17.75	0.00	0.00	
	11/24/99	18.24	0.00	0.00	
WELL	11/03/99	17.52	0.00	0.00	
TMP-1	11/11/99	19.86	0.00	0.00	
	11/18/99	20.03	0.00	0.00	
	11/24/99	20.47	0.00	0.00	

EAST STREET AREA 2 WELLS
WEEKLY MEASUREMENT AND REMOVAL
OF RECOVERABLE DNAPL
November 1999

WELL	SAMPLING DATE	DEPTH TO DNAPL (FEET)	DEPTH TO WATER (FEET)	DNAPL THICKNESS (FEET)	DNAPL REMOVED (L)
5	11/03/99	0.00	24.55	< 0.01	
	11/10/99	0.00	24.49	< 0.01	
	11/17/99	0.00	24.42	< 0.01	
	11/24/99	0.00	24.46	< 0.01	
E2SC-17	11/03/99	43.28	12.39	6.24	3.50
	11/11/99	43.66	13.05	5.86	
	11/24/99	49.40	13.81	0.10	0.015
E2SC-3I	11/03/99	39.50	9.15	7.85	1.50
	11/11/99	41.84	9.91	5.51	*
	11/18/99	No measurements taken			2.5 Gal.
	11/24/99	43.50	10.65	3.80	2 Gal.
ES2-17	11/03/99	0.00	13.73	< 0.01	
	11/10/99	0.00	13.71	< 0.01	
	11/17/99	0.00	13.84	< 0.01	
	11/24/99	0.00	13.99	< 0.01	
RW-3X	11/03/99	39.65	7.30	4.45	*
	11/11/99	39.74	8.56	4.36	*
	11/18/99	No measurements taken			21 Gal.
	11/24/99	38.52	9.00	5.98	5 Gal.
3-6C-EB-25	11/01/99	0.00	13.86	0.00	
	11/08/99	0.00	13.58	0.00	
	11/15/99	0.00	13.54	0.00	
	11/22/99	0.00	13.74	0.00	
	11/29/99	25.03	13.32	0.14	
3-6C-EB-26	11/01/99	0.00	14.78	0.00	
3-6C-EB-28	11/01/99	0.00	13.60	0.00	
	11/08/99	0.00	13.31	0.00	
	11/15/99	0.00	13.80	0.00	
	11/22/99	0.00	14.05	0.00	
	11/29/99	0.00	13.02	0.00	
3-6C-EB-29	11/01/99	0.00	13.72	0.00	
64V	11/29/99				***

* Pump clogged; no DNAPL recovered.
** Unable to gauge due to installation of recovery system; DNAPL was removed if present
*** No oil recovered in November

LYMAN STREET OPERATIONAL SUMMARY
November 1999

Sampling Month	Total Vol. Wtr. Pumped (gal)	RW-1/1R LNAPL Recovered (gal)	RW-1 DNAPL Recovered (gal)	RW-3 LNAPL Recovered (gal)
Nov 1996	295,841	--	5	125
Dec 1996	438,252	5	--	250
Jan 1997	384,341	--	3	63
Feb 1997	298,539	5	5	30
Mar 1997	301,285	--	4	35
Apr 1997	441,886	5	5	50
May 1997	315,880	4	--	45
Jun 1997	219,689	--	5	40
Jul 1997	261,603	--	2	15
Aug 1997	207,457	4	--	20
Sept 1997	139,277	--	5	20
Oct 1997	233,421	5	--	30
Nov 1997	178,917	--	5	30
Dec 1997	278,102	5	--	25
Jan 1998	298,359	5	--	30
Feb 1998	225,452	--	5	19
Mar 1998	284,690	5	1	30
Apr 1998	369,526	--	4	25
May 1998	256,523	15	--	24
June 1998	296,248	10	--	19.5
July 1998	279,085	5	5	21
Aug 1998	179,426	--	4	10
Sept 1998	258,164	--	2	19
Oct 1998	176,023	--	--	32
Nov 1998	152,718	4	5	5
Dec 1998	216,534	--	--	17
Jan 1999	225,797	4.5	--	15
Feb 1999	308,512	--	--	20
Mar 1999	322,310	--	--	10
Apr 1999	281,237	2	--	11
May 1999	254,277	2	--	10
June 1999	247,640	--	--	3
July 1999	177,891	7	--	8
Aug 1999	152,886	2	--	5
Sep 1999	184,642	4.5	--	10
Oct 1999	213,379	4	--	25
Nov 1999	208,897	--	--	5

Volume of water pumped is total from Wells RW-1, RW-2 and RW-3. As of September 9, 1998 RW-1 was replaced by RW-1(R).
There was no downtime in November.

LYMAN STREET 1999
Weekly Well Monitoring/Oil Recovery
November 1999

Well Name	Date	Depth to Water	Depth to Petro	Petro Thickness (feet)	Depth to DNAPL (feet)	DNAPL Thickness (feet)	Measured Water Elev. (feet)	Corrected Water Elev. (feet)
RW-1 (R)	11/03/99	16.30	16.29	0.01			968.77	968.78
RW-2	11/03/99	17.90	0.00	0.00			969.92	969.92
RW-3	11/03/99	16.45	16.32	0.13			967.63	967.75
LS-11	11/03/99	Dry						
LS-12	11/03/99	12.14	0.00	0.00	26.49	0.02	973.35	973.56
LS-2	11/03/99	12.31	12.26	0.05			971.01	971.06
LS-20	11/03/99	13.20	0.00	0.00			972.44	972.44
LS-21	11/03/99	11.25	11.02	0.23			972.17	972.38
LS-23	11/03/99	12.49	12 42	0.07			973.13	973.20
LS-24	11/03/99	14.08	0.00	0.00			972.50	972.50
LS-30	11/03/99	14.34	0.00	0.00	22.21	0.01	972.10	972.10
LS-31	11/03/99	14.39	14.21	0.18	22.78	0.63	972.70	972.87
LS-32	11/03/99	14.05	0.00	0.00			971.62	971.62
LS-33	11/03/99	14.34	0.00	0.00			972.00	972.00
LS-34	11/03/99	12.95	0.00	0.00	28.21	0.34	972.84	972.84
LS-35	11/03/99	14.56	0.00	0.00			972.24	972.24
LS-38	11/03/99	14.48	0.00	0.00			972.47	972.47
LS-4	11/03/99	12.49	0.00	0.00	17.71	0.45	972.02	972.02
LS-41	11/03/99	15.65	15.64	0.01			970.76	970.77
LS-43	11/03/99	8.10	0.00	0.00			973.28	973.28
LS-44	11/03/99	7.93	0.00	0.00			973.37	973.37
LS-45	11/03/99	7.43	0.00	0.00			973.12	973.12
P-1	11/03/99	6.37	0.00	0.00			971.94	971.94
P-2	11/03/99	3.48	0.00	0.00			972.72	972.72
P-3	11/03/99	8.26	0.00	0.00			972.05	972.05
P-4	11/03/99	5.12	5.11	0.01			972.02	972.03
P-5	11/03/99	7.74	0.00	0.00			972.53	972.53

LYMAN STREET 1999
Weekly Well Monitoring/Oil Recovery
November 1999

Well Name	Date	Depth to Water	Depth to Petro	Petro Thickness (feet)	Depth to DNAPL (feet)	DNAPL Thickness (feet)		Measured Water Elev. (feet)	Corrected Water Elev. (feet)
P-6	11/03/99	8.73	0.00	0.00				972.24	972.24
P-7	11/03/99	6.29	0.00	0.00				972.08	972.08
LSSC-06	11/03/99	12.45	0.00	0.00				972.46	972.46
LSSC-07	11/03/99	9.66	0.00	0.00	24.76	0.33		972.82	972.82
LSSC-08S	11/03/99	10.47	0.00	0.00				972.64	972.64
LSSC-16I	11/03/99	8.00	0.00	0.00				972.88	972.88
LSSC-18	11/03/99	14.68	0.00	0.00				972.64	972.64
LSSC-32	11/03/99	7.95	0.00	0.00				972.73	972.73
LSSC-33	11/03/99	7.67	0.00	0.00				972.82	972.82
LSSC-34I	11/03/99	12.17	0.00	0.00	26.96	1.54		972.57	972.57
LSSC-34S	11/03/99	12.44	0.00	0.00				972.57	972.57
River	11/03/99							972.73	972.73
RW-1 (R)	11/10/99	16.68	16.44	0.24				968.39	968.61
RW-2	11/10/99	20.11	0.00	0.00				967.71	967.71
RW-3	11/10/99	16.50	16.20	0.30				967.58	967.86
LS-12	11/11/99	12.80	0.00	0.00	26.44	0.07		972.69	972.90
LS-2	11/11/99	12.55	12.45	0.10	17.33	0.18	*	970.77	970.86
LS-21	11/11/99	11.86	11.63	0.23				971.56	971.77
LS-30	11/11/99	14.38	14.37	0.01	21.05	1.17		972.06	972.07
LS-31	11/11/99	15.16	14.20	0.96	22.29	1.04		971.93	972.82
LS-32	11/11/99	14.24	0.00	0.00				971.43	971.43
LS-33	11/11/99	14.88	0.00	0.00				971.46	971.46
LS-34	11/11/99	13.39	0.00	0.00	27.61	0.93		972.40	972.40
LS-38	11/11/99	15.22	0.00	0.00				971.73	971.73
LS-4	11/11/99	12.82	0.00	0.00	17.11	1.04		971.69	971.69
LS-41	11/11/99	15.87	0 00	0.00				970.54	970.54
LS-43	11/11/99	8.89	0.00	0.00				972.49	972.49

LYMAN STREET 1999
Weekly Well Monitoring/Oil Recovery
November 1999

Well Name	Date	Depth to Water	Depth to Petro	Petro Thickness (feet)	Depth to DNAPL (feet)	DNAPL Thickness (feet)	Measured Water Elev. (feet)	Corrected Water Elev. (feet)
LS-44	11/11/99	9.00	0.00	0.00			972.30	972.30
LS-45	11/11/99	8.53	0.00	0.00			972.02	972.02
P-1	11/11/99	6.90	6.89	0.01			971.41	971.42
P-3	11/11/99	8.85	0.00	0.00			971.46	971.46
P-4	11/11/99	5.81	5.69	0.12			971.33	971.44
P-6	11/11/99	9.66	0.00	0.00			971.31	971.31
P-7	11/11/99	7.06	0.00	0.00			971.31	971.31
LSSC-07	11/11/99	10.35	0.00	0.00	24.85	0.24	972.13	972.13
LSSC-08S	11/11/99	11.60	0.00	0.00			971.51	971.51
LSSC-16I	11/11/99	8.69	0.00	0.00	28.52	0.01	972.19	972.19
LSSC-18	11/11/99	15.46	0.00	0.00			971.86	971.86
LSSC-32	11/11/99	8.71	0.00	0.00			971.97	971.97
LSSC-33	11/11/99	8.52	0.00	0.00			971.97	971.97
LSSC-34I	11/11/99	12.82	0.00	0.00	28.31	0.19	971.92	971.92
LSSC-34S	11/11/99	13.08	0.00	0.00			971.93	971.93
River	11/11/99						971.33	971.33
RW-1 (R)	11/17/99	16.55	16.45	0.10			968.52	968.61
RW-2	11/17/99	19.45	0.00	0.00			968.37	968.37
RW-3	11/17/99	16.41	16.40	0.01			967.67	967.68
LS-12	11/18/99	13.53	0.00	0.00	26.32	0.15	971.96	972.29
LS-2	11/18/99	12.75	12.45	0.30			970.57	970.85
LS-21	11/18/99	12.22	11.87	0.35			971.20	971.53
LS-30	11/18/99	14.57	0 00	0.00	21.79	0.43	971.87	971.87
LS-31	11/18/99	14.53	14.40	0.13	22.47	0.85	972.56	972.68
LS-32	11/18/99	14.40	0.00	0.00			971.27	971.27
LS-33	11/18/99	15.15	0.00	0.00			971.19	971.19
LS-34	11/18/99	14.32	0.00	0.00	27.18	1.36	971.47	971.47

LYMAN STREET 1999
Weekly Well Monitoring/Oil Recovery
November 1999

Well Name	Date	Depth to Water	Depth to Petro	Petro Thickness (feet)	Depth to DNAPL (feet)	DNAPL Thickness (feet)	Measured Water Elev. (feet)	Corrected Water Elev. (feet)
LS-38	11/18/99	15.55	0.00	0.00	24.84	0.13	971.40	971.40
LS-4	11/18/99	13.04	13.03	0.01	17.04	1.11	971.47	971.48
LS-41	11/18/99	15.74	0.00	0.00			970.67	970.67
LS-43	11/18/99	9.27	0.00	0.00			972.11	972.11
LS-44	11/18/99	9.44	0.00	0.00			971.86	971.86
LS-45	11/18/99	8.95	0.00	0.00			971.60	971.60
P-1	11/18/99	7.26	7.25	0.01			971.05	971.06
P-3	11/18/99	9.16	0.00	0.00			971.15	971.15
P-4	11/18/99	6.25	6.04	0.21			970.89	971.09
P-6	11/18/99	10.07	0.00	0.00			970.90	970.90
P-7	11/18/99	7.51	0.00	0.00			970.86	970.86
LSSC-07	11/18/99	10.71	0.00	0.00	24.85	0.24	971.77	971.77
LSSC-08S	11/18/99	12.04	0.00	0.00			971.07	971.07
LSSC-16I	11/18/99	9.02	0.00	0.00	28.42	0.12	971.86	971.86
LSSC-18	11/18/99	15.86	0.00	0.00			971.46	971.46
LSSC-32	11/18/99	9.10	0.00	0.00			971.58	971.58
LSSC-33	11/18/99	8.95	0.00	0.00			971.54	971.54
LSSC-34I	11/18/99	13.18	13.17	0.01	27.85	0.65	971.56	971.57
LSSC-34S	11/18/99	13.42	0.00	0.00			971.59	971.59
River	11/18/99						970.30	970.30
RW-1 (R)	11/24/99	16.60	16.40	0.20			968.47	968.66
RW-2	11/24/99	17.10	0.00	0.00			970.72	970.72
RW-3	11/24/99	16.50	16.29	0.21			967.58	967.78
LS-12	11/24/99	13.59	0.00	0.00	26.37	0.15	971.90	971.92
LS-2	11/24/99	12.87	12.74	0.13			970.45	970.57
LS-21	11/24/99	12.52	12.50	0.02			970.90	970.92
LS-30	11/24/99	14.66	14.65	0.01	21.29	0.93	971.78	971.79

LYMAN STREET 1999
Weekly Well Monitoring/Oil Recovery
November 1999

Well Name	Date	Depth to Water	Depth to Petro	Petro Thickness (feet)	Depth to DNAPL (feet)	DNAPL Thickness (feet)	Measured Water Elev. (feet)	Corrected Water Elev. (feet)
LS-31	11/24/99	14.52	14.51	0.01	22.49	0.84	972.57	972.58
LS-32	11/24/99	14.52	0.00	0.00			971.15	971.15
LS-33	11/24/99	15.23	0.00	0.00			971.11	971.11
LS-34	11/24/99	13.88	0.00	0.00	28.01	0.54	971.91	971.91
LS-38	11/24/99	15.59	0.00	0.00	24.89	0.11	971.36	971.36
LS-4	11/24/99	13.05	13.04	0.01	17.07	0.99	971.46	971.47
LS-41	11/24/99	16.13	0.00	0.00			970.28	970.28
LS-43	11/24/99	9.31	0.00	0.00			972.07	972.07
LS-44	11/24/99	9.43	0.00	0.00			971.87	971.87
LS-45	11/24/99	8.92	0.00	0.00			971.63	971.63
P-1	11/24/99	7.32	7.31	0.01			970.99	971.00
P-3	11/24/99	9.24	0.00	0.00			971.07	971.07
P-4	11/24/99	6.21	6.13	0.08			970.93	971.00
P-6	11/24/99	10.07	0.00	0.00			970.90	970.90
P-7	11/24/99	7.56	0.00	0.00			970.81	970.81
LSSC-07	11/24/99	10.78	0.00	0.00	24.88	0.21	971.70	971.70
LSSC-08S	11/24/99	12.04	0.00	0.00			971.07	971.07
LSSC-16I	11/24/99	9.07	0.00	0.00	28.55	0.02	971.81	971.81
LSSC-18	11/24/99	16.92	0.00	0.00			970.40	970.40
LSSC-32	11/24/99	9.13	0.00	0.00			971.55	971.55
LSSC-33	11/24/99	8.97	0.00	0.00			971.52	971.52
LSSC-34I	11/24/99	13.23	13.22	0.01	27.62	0.94	971.51	971.52
LSSC-34S	11/24/99	13.49	0.00	0.00			971.52	971.52
River	11/24/99						970.86	970.86

* The bottom of this well was pumped on 11/18 and contained a mixture of sediment and LNAPL.

LYMAN STREET WELLS
Weekly Measurement and Removal
of Recoverable LNAPL
November 1999

Well ID	Date	Depth to Water	Depth to LNAPL	LNAPL Thickness	LNAPL Removed (L)
LS-2	11/03/99	12.31	12.26	0.05	
	11/11/99	12.55	12.45	0.10	
	11/18/99	12.75	12.45	0.30	
	11/24/99	12.87	12.74	0.13	
LS-21	11/03/99	11.25	11.02	0.23	
	11/11/99	11.86	11.63	0.23	
	11/18/99	12.22	11.87	0.35	
	11/24/99	12.52	12.50	0.02	
LS-31	11/03/99	14.39	14.21	0.18	
	11/11/99	15.16	14.20	0.96	0.60
	11/18/99	14.53	14.40	0.13	
	11/24/99	14.52	14.51	0.01	
LS-33	11/03/99	14.34	0.00	0.00	
	11/11/99	8.52	0.00	0.00	
	11/18/99	8.95	0.00	0.00	
	11/24/99	15.23	0.00	0.00	
LS-35	11/03/99	14.56	0.00	0.00	
LS-41	11/03/99	15.65	15.64	0.01	
	11/11/99	15.87	0.00	0.00	
	11/18/99	15.74	0.00	0.00	
	11/24/99	16.13	0.00	0.00	
P-4	11/03/99	5.12	5.11	0.01	
	11/11/99	5.81	5.69	0.12	
	11/18/99	6.25	6.04	0.21	
	11/24/99	6.21	6.13	0.08	
LSSC-06	11/03/99	12.45	0.00	0.00	

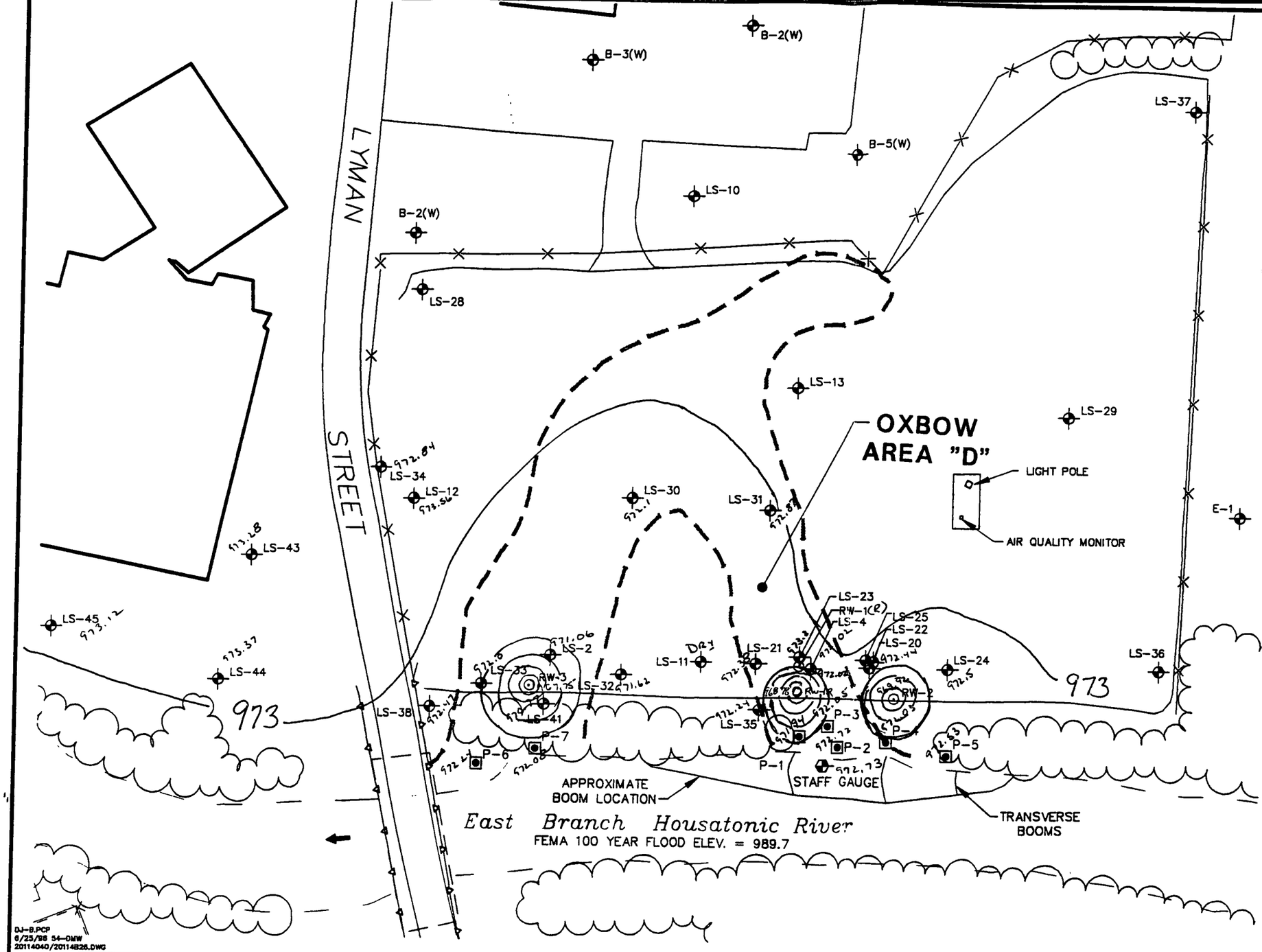
LYMAN STREET WELLS
Weekly Measurement and Removal
of Recoverable DNAPL
November 1999

Well ID	Date	Depth to Water	Depth to DNAPL	DNAPL Thickness	DNAPL Removed (L)
LS-4	11/03/99	12.49	17.71	0.45	
	11/11/99	12.82	17.11	1.04	
	11/18/99	13.04	17.04	1.11	
	11/24/99	13.05	17.07	0.99	
LS-12	11/03/99	12.14	26.49	0.02	
	11/11/99	12.80	26.44	0.07	
	11/18/99	13.53	26.32	0.15	
	11/24/99	13.59	26.37	0.15	
LS-30	11/03/99	14.34	22.21	0.01	
	11/11/99	14.38	21.05	1.17	0.70
	11/18/99	14.57	21.79	0.43	
	11/24/99	14.66	21.29	0.93	
LS-31	11/03/99	14.39	22.78	0.63	
	11/11/99	15.16	22.29	1.04	0.60
	11/18/99	14.53	22.47	0.85	
	11/24/99	14.52	22.49	0.84	
LS-34	11/03/99	12.95	28.21	0.34	
	11/11/99	13.39	27.61	0.93	
	11/18/99	14.32	27.18	1.36	1.00
	11/24/99	13.88	28.01	0.54	
LSSC-07	11/01/99	10.58	23.95	1.13	0.70
	11/02/99	10.59	24.70	0.39	0.24
	11/03/99	9.66	24.76	0.33	0.20
	11/04/99	9.78	24.84	0.24	0.15
	11/05/99	10.02	24.82	0.26	0.15
	11/08/99	10.31	24.37	0.72	0.45
	11/09/99	10.36	24.64	0.44	0.40
	11/10/99	10.37	24.93	0.15	0.185
	11/11/99	10.35	24.85	0.24	0.15
	11/12/99	10.36	24.88	0.21	0.19
	11/15/99	10.54	24.18	0.90	0.08
	11/16/99	10.55	24.90	0.19	0.13
	11/17/99	10.61	24.78	0.30	0.24
	11/18/99	10.70	24.85	0.24	0.30
	11/19/99	10.73	24.85	0.24	0.30
	11/22/99	10.72	24.54	0.54	0.45
	11/23/99	10.70	24.89	0.20	0.12
	11/24/99	10.78	24./-88	0.21	0.13
	11/29/99	10.79	24.88	0.21	0.13
	11/30/99	10.45	24.98	0.11	0.10

LYMAN STREET WELLS
Weekly Measurement and Removal
of Recoverable DNAPL
November 1999

Well ID	Date	Depth to Water	Depth to DNAPL	DNAPL Thickness	DNAPL Removed (L)
LSSC-16I	11/01/99	8.89	28.38	0.13	0.08
	11/02/99	8.90	28.53	0.01	0.005
	11/03/99	8.00	0.00	0.00	
	11/04/99	8.11	28.52	0.02	0.10
	11/05/99	10.02	24.82	0.26	0.15
	11/08/99	8.64	28.40	0.14	0.02
	11/09/99	8.65	0.00	0.00	
	11/10/99	8.69	28.49	0.04	0.035
	11/11/99	8.69	28.52	0.01	< 0.01
	11/12/99	8.67	28.49	0.04	0.03
	11/15/99	8.85	28.52	0.02	0.005
	11/16/99	8.86	28.49	0.05	0.005
	11/17/99	8.94	28.46	0.07	0.09
	11/18/99	9.02	28.42	0.12	0.18
	11/19/99	9.04	28.48	0.06	0.04
	11/22/99	9.02	28.47	0.05	0.03
	11/23/99	9.02	28.40	0.14	0.09
	11/24/99	9.07	28.55	0.02	0.015
	11/29/99	9.07	28.55	0.01	0.015
	11/30/99	9.04	28.50	0.06	< 0.01
LSSC-34I	11/03/99	12.17	26.96	1.54	1.00
	11/11/99	12.82	28.31	0.19	
	11/18/99	13.18	27.85	0.65	
	11/24/99	13.23	27.62	0.94	

Note: Began daily monitoring of wells LSSC-07 and LSSC-16I on 10/26/99



LEGEND

- EDGE OF WATER
- EDGE OF PAVEMENT
- FENCE LINE
- VEGETATION
- B-3(W) MONITORING WELL LOCATION
- RW-1 PUMPING WELL LOCATION
- P-7 WELL POINT LOCATION
- STAFF GAUGE
- APPROXIMATE BOUNDARY OF FORMER OXBOW
- INTERPRETED GROUNDWATER ELEVATION CONTOURS

Monitoring Point	Groundwater Level	Monitoring Point	Groundwater Level
LS-2	971.06	LS-41	970.77
LS-4	972.02	LS-43	973.28
LS-11	DRY	LS-44	973.37
LS-12	973.56	LS-45	973.12
LS-20	972.44	P-1	971.94
LS-21	972.38	P-2	972.72
LS-23	973.20	P-3	972.05
LS-24	972.50	P-4	972.03
LS-30	972.10	P-5	972.53
LS-31	972.87	P-6	972.24
LS-32	971.62	P-7	972.08
LS-33	972.00	RW-1(R)	968.78
LS-34	972.84	RW-2	969.92
LS-35	972.24	RW-3	967.75
LS-38	972.47	RIVER	972.73

NOTES:

1. Groundwater levels are corrected for oil, if present.
2. All boring and monitoring well locations are approximate.

DJ-8.PCP
6/25/98 54-DMW
20114040/20114826.DWG

0 60' 120'
SCALE: 1"= 60'

No	Date	Revisions	Init

Project Mgr
Designed by
Drawn by DC 12/6/99
Checked by
Prof Eng
PE License

GENERAL ELECTRIC • PITTSFIELD, MASSACHUSETTS
LYMAN ST PARKING LOT/USEPA AREA 5A

INTERPRETED GROUNDWATER ELEVATION CONTOURS

File Number
FILE NO.

Date
DATE
November 1999

1

NEWELL STREET AREA II
Automated DNAPL Recovery

	Date	Total Gallons Recovered
	System 1	
(Started 3/1/99)	March 1999	120.0
	April 1999	90.0
	May 1999	58.0
	June 1999	56.1
	July 1999	84.1
	August 1999	60.0
	September 1999	58.2
	October 1999	60.5
	November 1999	90.4
	System 2	
(Started 7/15/99)	July 1999	1900
	August 1999	2200
	September 1999	3291
	October 1999	1004
	November 1999	1220

Note: System 1 wells are NS-15, NS-30 and NS-32
System 2 well is N2SC-1I

NEWELL STREET AREA II WELLS
Weekly Measurement and Removal
of Recoverable DNAPL
November 1999

Well ID		Depth to Water	Depth to DNAPL	DNAPL Thickness	DNAPL Removed (L)
NS-31	11/01/99	14.32	0.00	0.00	
	11/08/99	13.95	0.00	0.00	
	11/15/99	14.25	0.00	0.00	
	11/22/99	14.45	0.00	0.00	
	11/29/99	13.45	0.00	0.00	
NS-34	11/01/99	14.85	0.00	0.00	
	11/08/99	13.48	0.00	0.00	
	11/15/99	14.77	0.00	0.00	
	11/22/99	14.98	0.00	0.00	
	11/29/99	13.93	0.00	0.00	
NS-35	11/01/99	11.05	0.00	0.00	
	11/08/99	10.69	0.00	0.00	
	11/15/99	10.96	0.00	0.00	
	11/22/99	11.17	0.00	0.00	
	11/29/99	10.17	0.00	0.00	
NS-36	11/01/99	13.11	0.00	0.00	
	11/08/99	12.79	0.00	0.00	
	11/15/99	13.05	0.00	0.00	
	11/22/99	13.26	0.00	0.00	
	11/29/99	12.13	0.00	0.00	
NS-37	11/01/99	14.58	0.00	0.00	
	11/08/99	14.21	0.00	0.00	
	11/15/99	14.46	0.00	0.00	
	11/22/99	14.64	0.00	0.00	
	11/29/99	13.76	0.00	0.00	
MW-1S	11/01/99	14.39	0.00	0.00	
	11/08/99	14.09	25.09	0.17	
	11/15/99	14.37	25.02	0.26	
	11/22/99	14.56	24.91	0.36	
	11/29/99	13.58	0.00	0.00	

NEWELL STREET AREA II WELLS
Weekly Measurement and Removal
of Recoverable DNAPL
November 1999

Well ID		Depth to Water	Depth to DNAPL	DNAPL Thickness	DNAPL Removed (L)
MW-1D	11/01/99	14.91	0.00	0.00	
	11/08/99	14.58	39.17	0.21	
	11/15/99	14.85	39.20	0.21	
	11/22/99	15.08	39.30	0.10	
	11/29/99	14.03	0.00	0.00	
NS2C-02	11/01/99	13.19	35.52	4.44	2.70
	11/08/99	12.84	35.56	4.41	2.80
	11/15/99	13.12	35.51	4.47	3.90
	11/22/99	13.34	35.62	4.37	4.10
	11/29/99	12.31	35.69	4.29	4.10
N2SC-03I	11/01/99	13.20	36.28	3.96	2.40
	11/08/99	12.89	36.33	3.91	2.40
	11/15/99	13.17	36.35	3.90	3.30
	11/22/99	13.42	36.31	3.93	3.70
	11/29/99	12.33	36.34	3.90	3.70
N2SC-03S	11/01/99	10.47	21.34	0.17	
	11/08/99	10.29	21.32	0.19	
	11/15/99	10.49	21.36	0.16	
	11/22/99	10.82	21.34	0.17	
	11/29/99	10.13	21.36	0.21	
N2SC-08	11/01/99	13.16	41.57	0.97	0.60
	11/08/99	12.88	42.11	0.48	
	11/15/99	13.15	41.66	0.84	0.07
	11/22/99	13.37	41.95	0.62	
	11/29/99	12.41	41.58	0.98	
N2SC-09S	11/01/99	12.93	18.15	0.01	
	11/08/99	13.03	18.05	0.19	
	11/15/99	13.52	17.99	0.25	
	11/22/99	14.14	18.02	0.23	
	11/29/99	11.23	17.99	0.26	

NEWELL STREET AREA II WELLS
Weekly Measurement and Removal
of Recoverable DNAPL
November 1999

Well ID		Depth to Water	Depth to DNAPL	DNAPL Thickness	DNAPL Removed (L)
N2SC-09I	11/01/99	14.87	43.40	0.11	
	11/08/99	14.59	43.36	0.20	
	11/15/99	14.84	43.35	0.17	
	11/22/99	15.10	43.33	0.23	
	11/29/99	14.11	43.33	0.19	
N2SC-07	11/01/99	11.89	0.00	0.00	
N2SC-11	11/01/99	13.19	0.00	0.00	
N2SC-12	11/01/99	11.59	0.00	0.00	

NEWELL STREET AREA II WELLS
Weekly Measurement and Removal
of Recoverable LNAPL
November 1999

Well ID	Date	Depth to Water	Depth to LNAPL	LNAPL Thickness	LNAPL Removed (L)
NS-10	11/01/99	10.70	10.36	0.34	
	11/08/99	10.59	10.23	0.36	
	11/15/99	10.91	10.43	0.48	
	11/22/99	11.14	10.73	0.41	
	11/29/99	10.11	9.78	0.33	
NS-33	11/01/99	12.70	0.00	0.00	
	11/08/99	12.54	0.00	0.00	
	11/15/99	12.87	0.00	0.00	
	11/22/99	13.06	0.00	0.00	
	11/29/99	12.32	0.00	0.00	

ITEM 23

GROUNDWATER MANAGEMENT AREA
PLANT SITE 2
NOVEMBER 1999

a. **Activities Undertaken/Completed**

Conducted monthly monitoring and oil removal at Building 51/59 oil plume (see following table).

b. **Sampling/Test Results Received**

See attached table.

c. **Work Plans/Reports/Documents Submitted**

None

d. **Upcoming Scheduled Activities (next six weeks)**

Continue Building 51/59 oil plume monitoring and recovery activities.

e. **General Progress/Unresolved Issues/Potential Schedule Impacts**

No issues

f. **Proposed/Approved Work Plan Modifications**

None

UNKAMET BROOK
GE Buildings 51, 59
November 1999

SAMPLING DATE	WELL NO	DEPTH TO OIL (FEET)	DEPTH TO WATER (FEET)	OILTHICK (FEET)	OIL REMOVED (L)
11/29/99	34B	0.00	14.82	0.00	
11/29/99	35B	0.00	11.70	0.00	
11/29/99	51-3		Paved over		
11/29/99	51-5	10.50	11.65	1.15	0.71
11/29/99	51-6	0.00	11.16	0.00	
11/29/99	51-7	0.00	10.85	0.00	
11/29/99	51-8	11.05	12.64	1.59	0.98
11/29/99	51-9	0.00	9.25	0.00	
11/29/99	51-11	0.00	8.61	0.00	
11/29/99	51-12	0.00	7.36	0.00	
11/29/99	51-13		Dry at 10.81'		
11/29/99	51-14	0.00	10.76		
11/29/99	51-15	10.44	10.85	0.41	
11/29/99	51-16		Dry at 9.69'		
11/29/99	51-17	10.35	11.57	1.22	0.70
11/29/99	51-18	0.00	11.01	0.00	
11/29/99	51-19	10.38	11.03	0.65	0.40
11/10/99	51-21	15.57	15.59	0.02	
11/17/99	51-21	15.63	15.69	0.06	
11/24/99	51-21	15.76	15.78	0.02	30 Gal.
11/29/99	59-1	0.00	11.86	0.00	
11/29/99	59-3	0.00	11.90	0.00	
11/29/99	59-7	12.08	12.66	0.58	0.36
11/29/99	UB-MW-9		Dry at 5.35'		
11/29/99	UB-MW-10	0.00	10.01	0.00	
11/29/99	UB-PZ-1		Dry at 13.3'		
11/29/99	UB-PZ-2	0.00	9.10	0.00	
11/29/99	UB-PZ-3	12.35	12.81	0.46	

TABLE 1
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS
PLANT SITE 2 GROUNDWATER MANAGEMENT AREA
DATA RECEIVED AND SAMPLES COLLECTED DURING THE MONTH OF NOVEMBER 1999

Project Name	Sample-ID	Date Sampled	Depth Range	Matrix	Laboratory	Analyses	Date Received
Semi-annual Ground Water Monitoring	114A	10/19/99	NA	Water	CompuChem	VOC	11/12/99
Semi-annual Ground Water Monitoring	114B	10/19/99	NA	Water	CompuChem	VOC	11/12/99
Semi-annual Ground Water Monitoring	114C	10/19/99	NA	Water	CompuChem	VOC	11/12/99
Semi-annual Ground Water Monitoring	16A	10/19/99	NA	Water	CompuChem	VOC	11/12/99
Semi-annual Ground Water Monitoring	16C	10/19/99	NA	Water	CompuChem	VOC	11/12/99
Semi-annual Ground Water Monitoring	16E	10/19/99	NA	Water	CompuChem	VOC	11/12/99
Semi-annual Ground Water Monitoring	GW-DUP-1	10/19/99	(16E)	Water	CompuChem	VOC	11/12/99
Semi-annual Ground Water Monitoring	111A	10/20/99	NA	Water	CompuChem	VOC	11/12/99
Semi-annual Ground Water Monitoring	111B	10/20/99	NA	Water	CompuChem	VOC	11/12/99
Semi-annual Ground Water Monitoring	2A	10/20/99	NA	Water	CompuChem	VOC	11/12/99
Semi-annual Ground Water Monitoring	39B	10/20/99	NA	Water	CompuChem	VOC	11/12/99
Semi-annual Ground Water Monitoring	39D	10/20/99	NA	Water	CompuChem	VOC	11/12/99
Semi-annual Ground Water Monitoring	39E	10/20/99	NA	Water	CompuChem	VOC	11/12/99
Semi-annual Ground Water Monitoring	GW-DUP-2	10/20/99	(39B)	Water	CompuChem	VOC	11/12/99
Semi-annual Ground Water Monitoring	89A	10/21/99	NA	Water	CompuChem	VOC	11/12/99
Semi-annual Ground Water Monitoring	89B	10/21/99	NA	Water	CompuChem	VOC	11/12/99
Semi-annual Ground Water Monitoring	89D	10/21/99	NA	Water	CompuChem	VOC	11/12/99
Semi-annual Ground Water Monitoring	95A	10/21/99	NA	Water	CompuChem	VOC	11/12/99
Semi-annual Ground Water Monitoring	95B	10/21/99	NA	Water	CompuChem	VOC	11/12/99
Semi-annual Ground Water Monitoring	95C	10/21/99	NA	Water	CompuChem	VOC	11/12/99
Semi-annual Ground Water Monitoring	115A	10/22/99	NA	Water	CompuChem	VOC	11/12/99

Field duplicate sample locations are presented in parenthesis.

TABLE 1
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS
PLANT SITE 2 GROUNDWATER MANAGEMENT AREA
DATA RECEIVED AND SAMPLES COLLECTED DURING THE MONTH OF NOVEMBER 1999

Project Name	Sample-ID	Date Sampled	Depth Range	Matrix	Laboratory	Analyses	Date Received
Semi-annual Ground Water Monitoring	115B	10/22/99	NA	Water	CompuChem	VOC	11/12/99
Semi-annual Ground Water Monitoring	90A	10/22/99	NA	Water	CompuChem	VOC	11/12/99
Semi-annual Ground Water Monitoring	90B	10/22/99	NA	Water	CompuChem	VOC	11/12/99
Semi-annual Surface Water Monitoring	LOC-4	10/22/99	NA	Water	NEA	PCB,PCB(f)	11/8/99
Semi-annual Surface Water Monitoring	LOC-4	10/22/99	NA	Water	CompuChem	VOC	11/12/99
Semi-annual Surface Water Monitoring	LOC-4A	10/22/99	NA	Water	NEA	PCB,PCB(f)	11/8/99
Semi-annual Surface Water Monitoring	LOC-4A	10/22/99	NA	Water	CompuChem	VOC	11/12/99
Semi-annual Surface Water Monitoring	UB-D1	10/22/99	(USW-2)	Water	NEA	PCB,PCB(f)	11/8/99
Semi-annual Surface Water Monitoring	UB-D1	10/22/99	(USW-2)	Water	CompuChem	VOC	11/12/99
Semi-annual Surface Water Monitoring	USW-10	10/22/99	NA	Water	NEA	PCB,PCB(f)	11/8/99
Semi-annual Surface Water Monitoring	USW-10	10/22/99	NA	Water	CompuChem	VOC	11/12/99
Semi-annual Surface Water Monitoring	USW-2	10/22/99	NA	Water	NEA	PCB,PCB(f)	11/8/99
Semi-annual Surface Water Monitoring	USW-2	10/22/99	NA	Water	CompuChem	VOC	11/12/99
Semi-annual Surface Water Monitoring	USW-4	10/22/99	NA	Water	NEA	PCB,PCB(f)	11/8/99
Semi-annual Surface Water Monitoring	USW-4	10/22/99	NA	Water	CompuChem	VOC	11/12/99

Field duplicate sample locations are presented in parenthesis.

TABLE 1

PRELIMINARY ANALYTICAL RESULTS
SUBJECT TO VERIFICATION

GENERAL ELECTRIC COMPANY
PITTSFIELD , MASSACHUSETTS
UNKAMET BROOK AREA SEMI-ANNUAL SURFACE WATER MONITORING

(Results are presented in parts per million, ppm)

Sample ID	Date Collected	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
Unfiltered PCBs					
LOC-4 - Housatonic River	10/22/99	ND(0.0000250)	ND(0.0000250)	ND(0.0000250)	ND(0.0000250)
LOC-4A - Housatonic River	10/22/99	ND(0.0000250)	0.0000369 AF	ND(0.0000250)	0.0000369
USW-10	10/22/99	0.0000824 PE	0.000124 AF	0.0000594	0.000266
USW-2	10/22/99	0.000496 PE [0.000212 PE]	0.000562 AF [0.000353 AF]	0.000553 [0.000247]	0.00161 [0.000812]
USW-4	10/22/99	0.0000803 PE	0.0000755 AF	0.0000341	0.000190
Filtered PCBs					
LOC-4 - Housatonic River	10/22/99	ND(0.0000250)	ND(0.0000250)	ND(0.0000250)	ND(0.0000250)
LOC-4A - Housatonic River	10/22/99	ND(0.0000250)	ND(0.0000250)	ND(0.0000250)	ND(0.0000250)
USW-10	10/22/99	ND(0.0000250)	ND(0.0000250)	ND(0.0000250)	ND(0.0000250)
USW-2	10/22/99	ND(0.0000250) [ND(0 0000250)]	ND(0.0000250) [ND(0 0000250)]	ND(0.0000250) [ND(0.0000250)]	ND(0.0000250) [ND(0.0000250)]
USW-4	10/22/99	ND(0.0000250)	ND(0.0000250)	ND(0.0000250)	ND(0.0000250)

Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc , and submitted to Northeast Analytical Services, Inc , for analysis of filtered and unfiltered PCBs
2. ND - Analyte was not detected The value in parentheses is the associated detection limit
3. Duplicate results are presented in brackets
4. PE - Aroclor 1248 is being used to report an altered PCB pattern exhibited by the sample Actual Aroclor 1248 is not present in the sample, but is reported to more accurately quantify PCB present in sample that has undergone environmental alteration.
5. AF - Aroclor 1254 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
6. Only those constituents detected in at least one sample are summarized.

TABLE 2

PRELIMINARY ANALYTICAL RESULTS
SUBJECT TO VERIFICATION

GENERAL ELECTRIC COMPANY
PITTSFIELD , MASSACHUSETTS
UNKAMET BROOK AREA SEMI-ANNUAL GROUNDWATER MONITORING
(Results are presented in parts per million, ppm)

	Housatonic River		Unkamet Brook		
Sample ID:	LOC-4	LOC-4A	USW-2	USW-4	USW-10
Parameter / Date Collected:	10/22/99	10/22/99	10/22/99	10/22/99	10/22/99
Volatile Organics					
Acetone	0.0050 JB	0.031 B	0.0080 JB [0.0070 JB]	ND(0.010)	0.044 B
Benzene	ND(0.010)	0.0020 J	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
Chlorobenzene	ND(0.010)	0.0090 J	0.0020 J [0.0020 J]	ND(0.010)	0.0070 J
Methylene Chloride	0.0020 J	0.0010 J	0.0020 J [0.0010 J]	0.0020 J	0.0020 J

Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc., and were submitted to Compuchem Environmental Corporation for analysis of Appendix IX + 3 volatile organic constituents.
2. ND - Analyte was not detected. The value in parentheses is the associated detection limit.
3. J - Indicates an estimated value less than the CLP-required quantitation limit.
4. Duplicate results are presented in brackets.
5. Only those constituents detected in at least one sample are summarized.

TABLE 3

PRELIMINARY ANALYTICAL RESULTS
SUBJECT TO VERIFICATION

GENERAL ELECTRIC COMPANY
PITTSFIELD , MASSACHUSETTS
UNKAMET BROOK AREA SEMI ANNUAL GROUNDWATER MONITORING
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	2A 10/20/99	16A 10/19/99	16C 10/19/99	16E 10/19/99	39B 10/20/99	39D 10/20/99	39E 10/20/99	89A 10/21/99	89B 10/21/99	89D 10/21/99
Volatile Organics										
1,1-Dichloroethane	ND(0.10)	0.0020 J	ND(0.010)	ND(0.010) [ND(0.010)]	ND(0.010) [ND(0.10)]	ND(0.010)	ND(0.010)	ND(0.10)	ND(0.010)	ND(0.010)
2-Butanone	ND(0.10)	ND(0.010)	ND(0.010)	ND(0.010) [0.0020 J]	ND(0.010) [ND(0.10)]	ND(0.010)	ND(0.010)	ND(0.10)	ND(0.010)	ND(0.010)
4-Methyl-2-pentanone	ND(0.10)	0.035	ND(0.010)	ND(0.010) [ND(0.010)]	ND(0.010) [ND(0.10)]	ND(0.010)	ND(0.010)	ND(0.10)	ND(0.010)	ND(0 010)
Acetone	0.015 J	0.15 B	ND(0.010)	0.0010 J [ND(0.010)]	0.0030 JB [0.018 J]	0.0020 J	0.0020 J	0.028 J	0.0030 J	0.0020 JB
Acetonitrile	ND(0.10)	0 010	ND(0.010)	ND(0.010) [ND(0.010)]	ND(0.010) [ND(0.10)]	ND(0.010)	ND(0.010)	ND(0.10)	ND(0.010)	ND(0.010)
Acrylonitrile	ND(1.0)	ND(0.10)	ND(0.10)	ND(0.10) [ND(0.10)]	ND(0.10) [ND(1.0)]	ND(0.10)	ND(0.10)	ND(1.0)	ND(0.10)	ND(0.10)
Benzene	29 D	16 D	0.0020 J	ND(0.010) [ND(0.010)]	1.3 DJ [1.5]	ND(0.010)	ND(0.010)	2.1 D	0.0030 J	ND(0.010)
Chlorobenzene	190 D	42 D	0.0060 J	ND(0.010) [0.0040 J]	36 D [31 D]	0.028 B	ND(0.010)	5.6 D	0.17	0.0040 J
Chloroform	ND(0.10)	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]	0.0030 J [ND(0.10)]	ND(0.010)	ND(0.010)	ND(0.10)	ND(0.010)	ND(0.010)
Ethylbenzene	0.10	0.058	ND(0.010)	ND(0.010) [ND(0.010)]	ND(5.0) [0.49]	ND(0.010)	ND(0.010)	ND(0.10)	ND(0.010)	ND(0.010)
Isobutanol	ND(2.5)	ND(0.25)	ND(0.25)	ND(0.25) [ND(0.25)]	ND(0.25) [ND(2.5)]	ND(0.25)	ND(0.25)	ND(2.5)	ND(0.25)	ND(0.25)
Methylene Chloride	0.015 J	0 014	0.0020 J	0.0030 J [0.0010 J]	0.0020 J [ND(0.10)]	0.0020 J	0.0030 J	ND(0.10)	0.0020 J	0.0030 JB
Propionitrile	ND(2.5)	ND(0.25)	ND(0 25)	ND(0.25) [ND(0.25)]	ND(0.25) [ND(2.5)]	ND(0.25)	ND(0.25)	ND(2.5)	ND(0.25)	ND(0:25)
Tetrachloroethene	0.017 J	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]	0.019 [ND(0.10)]	ND(0.010)	ND(0.010)	ND(0.10)	ND(0.010)	ND(0.010)
Toluene	2.5 DJ	0.85 DJ	ND(0.010)	ND(0.010) [ND(0 010)]	ND(5.0) [0.54]	ND(0.010)	ND(0.010)	ND(0.10)	ND(0.010)	ND(0.010)
trans-1,2-Dichloroethene	ND(0.10)	0.0080 J	ND(0.010)	ND(0 010) [ND(0.010)]	ND(0.010) [ND(0.10)]	ND(0.010)	ND(0.010)	ND(0 10)	ND(0.010)	ND(0.010)
Trichloroethene	7.3 DJ	0.010	ND(0 010)	ND(0 010) [ND(0.010)]	0 13 [0 13]	ND(0.010)	ND(0.010)	ND(0.10)	ND(0.010)	ND(0.010)
Vinyl Chloride	ND(0.10)	0.064	ND(0.010)	ND(0.010) [ND(0.010)]	0 0090 J [0.010 J]	ND(0.010)	ND(0.010)	ND(0.10)	ND(0.010)	ND(0.010)
Xylenes (total)	0.064 J	0 042	ND(0 010)	ND(0.010) [ND(0.010)]	ND(5.0) [0.66]	ND(0.010)	ND(0.010)	ND(0.10)	ND(0.010)	ND(0.010)

See notes on page 2 of 2

TABLE 3

PRELIMINARY ANALYTICAL RESULTS
SUBJECT TO VERIFICATION

GENERAL ELECTRIC COMPANY
PITTSFIELD , MASSACHUSETTS
UNKAMET BROOK AREA SEMI ANNUAL GROUNDWATER MONITORING
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	90A 10/22/99	90B 10/22/99	95A 10/21/99	95B 10/21/99	95C 10/21/99	111A 10/20/99	111B 10/20/99	114A 10/19/99	114B 10/19/99	114C 10/19/99	115A 10/22/99	115B 10/22/99
Volatile Organics												
1,1-Dichloroethane	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(0.010)
2-Butanone	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	0.0020 J	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
4-Methyl-2-pentanone	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(0.010)
Acetone	0.0020 JB	0.0020 JB	0.0020 J	0.0020 J	0.0030 JB	0.0040 J	0.0010 J	ND(0.010)	ND(0.010)	0.0040 JB	0.0020 JB	0.0020 JB
Acetonitrile	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(0.010)
Acrylonitrile	0.0010 JB	ND(0 10)	ND(0.10)	ND(0.10)	ND(0.10)	0.0010 J	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)
Benzene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0 010)	ND(0.010)	ND(0.010)	0.0050 J	ND(0.010)	ND(0.010)	ND(0.010)
Chlorobenzene	0.012	0.024	0.0010 J	0.036	0.029	0.0070 JB	ND(0 010)	0.0050 J	0.40 D	0.0060 J	0.0040 J	0.0060 J
Chloroform	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(0.010)
Ethylbenzene	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(0.010)
Isobutanol	0.0060 JB	ND(0.25)	ND(0.25)	ND(0 25)	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)
Methylene Chloride	0.0020 JB	0.0030 JB	0.0030 J	0 0030 J	0.0030 JB	0.0020 J	0.0030 J	ND(0.010)	0.0030 J	0.0020 J	0.0020 JB	0.0020 JB
Propionitrile	0.0050 JB	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)
Tetrachloroethene	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(0.010)
Toluene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	0.0010 J	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	0.0030 J	ND(0.010)	ND(0.010)
trans-1,2-Dichloroethene	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(0.010)
Trichloroethene	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(0.010)
Vinyl Chloride	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(0.010)
Xylenes (total)	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(0.010)

Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc., and were submitted to Compuchem Environmental Corporation for analysis of Appendix IX + 3 volatile organic constituents.
2 ND - Analyte was not detected The value in parentheses is the associated detection limit.
3 J - Indicates an estimated value less than the CLP-required quantitation limit
4. Duplicate results are presented in brackets.
5. Only those constituents detected in at least one sample are summarized.
6. D - Compound quantitated using a secondary dilution.

ITEM 24

GROUNWATER MANAGEMENT AREA
PLANT SITE 3
NOVEMBER 1999

a. **Activities Undertaken/Completed**

Conducted weekly monitoring and LNAPL removal at well H78B-8R (summary attached).

b. **Sampling/Test Results Received**

None

c. **Work Plans/Reports/Documents Submitted**

None

d. **Upcoming Scheduled Activities (next six weeks)**

Continue LNAPL monitoring/removal at well H78B-8R.

e. **General Progress/Unresolved Issues/Potential Schedule Impacts**

No issues

f. **Proposed/Approved Work Plan Modifications**

None

HILL 78 WELL MONITORING
AND RECOVERY OF LNAPL
November 1999

(Monitoring Started 6/1/99)

WELL ID	SAMPLING DATE	DEPTH TO WATER	DEPTH TO LNAPL	LNAPL THICKNESS	LNAPL REMOVED (L)
H78B-8R	06/01/99	28.52	28.44	0.08	
	06/03/99	28.66	28.49	0.17	0.40
	06/07/99	28.75	28.70	0.05	0.05
	06/15/99	29.12	29.09	0.03	0.07
	06/29/99	30.03	29.60	0.42	1.00
	07/06/99	29.71	29.40	0.31	0.72
	07/14/99	29.64	29.57	0.07	0.17
	07/27/99	29.97	29.95	0.02	0.01
Note:	Between 7/19 and 7/21, LNAPL recovery test was performed and .09 liter of oil was removed.				
	08/04/99	30.25	30.22	0.03	0.015
	08/11/99	30.53	30.50	0.03	0.015
	08/18/99	30.54	30.53	0.01	0.005
	08/27/99	30.91	30.90	0.01	0.005
	09/03/99	30.65	0.00	0.00	
	09/09/99	30.96	30.95	0.01	
	09/17/99	30.68	30.67	0.01	
	09/20/99	30.54	30.53	0.01	
	09/27/99	30.84	30.83	0.01	0.01
	10/05/99	29.51	29.50	0.01	0.005
	10/11/99	29.31	29.30	0.01	0.005
	10/18/99	29.14	29.13	0.01	0.005
	10/25/99	28.84	28.83	0.01	0.005
	11/01/99	28.70	28.69	0.01	0.005
	11/08/99	28.74	28.73	0.01	0.005
	11/15/99	29.84	29.83	0.01	0.005
	11/22/99	30.10	30.09	0.01	0.005
	11/29/99	29.86	29.84	0.02	0.005

ATTACHMENT A

November 16, 1999

Ms. J. Lyn Cutler
Section Chief, Special Projects
Bureau of Waste Site Cleanup
Department of Environmental Protection
436 Dwight Street
Springfield, MA 01103

Mr. Bryan Olson
RCRA Corrective Action Section
Office of Remediation and Restoration
U.S. Environmental Protection Agency
One Congress Street, Suite 1100
Boston, MA 02114-2023

Re: GE Pittsfield Maintenance Excavations

Dear Ms. Cutler and Mr. Olson:

In accordance with our *Protocols for the Management of Excavation Activities*, this letter serves as final notification for several emergency and planned minor excavations.

Bollard installation at Pittsfield Generating Company - DEP File No. 1-0714 – Hill 78 Landfill Area
Location: Standard Grid N33-O33, Pittsfield Generating Company Site
Activity: Installation of Bollards. Soil was excavated into drums and held at GE pending analytical results. No backfill required.
Dimensions and Volume: 5 excavations, each 8" diameter by 4' deep, < 1 yard
Analytical: Attached, PCB up to 6.2 ppm.
Material Disposition: Soil shipped to High Acres Landfill & Recycling Center, Fairport, NY.

Underground phone line installation for Area 2 Source Control Project - DEP File No. 1-0142 – East St. Area 2
Location: Standard Grid T9, south of Truck Scale
Activity: Installation of underground phone line. Soil was excavated into drums and held pending analytical results. Excavation was filled with clean material.
Dimensions and Volume: 20' x 0.5' x 0.5' < 1 cubic yard
Analytical: Attached, PCB up to 300 ppm, Area 2 constituents included metals and coal tar residues. See attached report.
Material Disposition: This material was shipped as RCRA/TSCA regulated to disposal on Massachusetts manifest number MAK246521 to Clean Harbors Inc. for disposal.

Installation of portable truck scale - DEP File No. 1- 0142 - East St. Area 2
Location: Standard Grid R10, South side of East St.
Activity: 5 minor excavations were done to install a portable truck scale. Soil was excavated onto polyethylene sheeting and covered with polyethylene sheeting pending analytical results.
Dimensions and Volume: 5 excavations 5' x 14' x 2', 5 - 6 yds. each, total 28 yards
Analytical: Attached PCB up to 2.4 ppm. No Area 2 constituents
Material Disposition: Shipped to Model City Landfill in Model City N.Y. on manifest number NYB9157752.

Repair Speed Bump - Plastics Avenue, DEP File No. 1- 0148 – Unkamet Brook
Location: Standard Grid L41-L42, Plastics Avenue
Activity: Emergency excavation to remove recently installed speed bump. Asphalt was excavated into drums pending analytical.
Dimensions and Volume: 12' x 2' x .5', total 0.5 cubic yards
Analytical: Attached, PCB undetected at <1.1 ppm. PID < 10
Material Disposition: Asphalt shipped to High Acres Landfill & Recycling Center, Fairport, NY.

Water Main Repair – Bldg. 14, DEP File No. 1- 0145 – East St. Area 1
Location: Standard Grid M16, Bldg. 14
Activity: Emergency repair of broken water line. 2 minor excavations were dug. Soil was excavated onto polyethylene sheeting and covered with polyethylene sheeting pending analytical results.
Dimensions and Volume: 2 excavations 5'x 4'x 8' and 4' x 8'x 9', 5 yds. concrete, 10 yds. soil.
Analytical: Attached, PCB undetected at <1.1 ppm. PID < 10
Material Disposition: Material shipped to High Acres Landfill & Recycling Center, Fairport, NY.

Collapsed Electrical Duct repair – Bldg. 3C yard, DEP File No. 1- 0142 - East St. Area 2
Location: Standard Grid O13, south of Bldg. 3C
Activity: Emergency repair collapsed electrical duct. Soil was excavated into drums pending analytical results. The excavation was filled with clean material
Dimensions and Volume: 4' x 3' x 6', 2.7 cubic yards
Analytical: Attached, PCB up to 7.8 ppm.
Material Disposition: High Acres Landfill and Recycling Center, Fairport, NY.

Storm Drain repair – Bldg. 3C yard, DEP File No. 1- 0142 - East St. Area 2
Location: Standard Grid O13, south of Bldg. 3C
Activity: Planned minor repair of collapsed storm drain. Soil was excavated onto polyethylene sheeting and covered with polyethylene sheeting pending analytical results. Excavation was filled with clean material.
Dimensions and Volume: 3' x 3' x 1.5' < 1 yd. Mostly brick
Analytical: Attached, PCB - 22 ppm.
Material Disposition: High Acres Landfill and Recycling Center, Fairport, NY.

Storm Drain repair – Outside bldg. 17 DEP File No. 1- 0142 - East St. Area 2
Location: Standard Grid K10, corner of Bldg. 17
Activity: Planned minor repair of collapsed storm drain. Drain collapsed further during repair. Soil and masonry was excavated onto polyethylene sheeting and covered with polyethylene sheeting pending analytical results. Excavation was filled with clean material.
Dimensions and Volume: 7' x 7' x 5', 9 yds. including masonry
Analytical: Attached, PCB - 2.4 ppm.
Material Disposition: High Acres Landfill and Recycling Center, Fairport, NY.

Storm Drain repair – Outside bldg. 5 DEP File No. 1- 0142 - East St. Area 2
Location: Standard Grid N12, corner of Bldg. 5
Activity: 2 Planned minor repairs of collapsed storm drain. Drain collapsed further during repair. Soil and masonry was excavated onto polyethylene sheeting and covered with polyethylene sheeting pending analytical. Excavation was filled with clean material.
Dimensions and Volume: 2 at 4' x 4' x 4' each, 5 yds. including masonry
Analytical: Attached, PCB - 1.9 ppm.
Material Disposition: High Acres Landfill and Recycling Center, Fairport, NY.

Catch basin repairs – Surrounding bldg. 8 - DEP File No. 1- 0142 - East St. Area 2
Location: Standard Grid M12, surrounding bldg. 8 and east of bldg. 19
Activity: Planned minor cleanouts and repairs of catch basins. Soil was excavated onto polyethylene sheeting and covered with same pending analytical. Excavation was filled with clean material.
Dimensions and Volume: 8 excavations 3' x 3' x 1 ft. deep and 14 cleanouts at approximately 1 yd each. Approximately 16 yards total of soil and masonry.
Analytical: Attached, PCB - up to 42 ppm.
Material Disposition: Shipped as TSCA regulated to Model City Landfill in Model City N.Y. on manifest number NYG0416592.

Catch basin repairs – East bldg. 19 - DEP File No. 1- 0142 - East St. Area 2
Location: Standard Grid M12, surrounding bldg. 8 and east of bldg. 19
Activity: Planned minor cleanouts and repairs of catch basins. Soil was excavated onto polyethylene sheeting and covered with same pending analytical. Excavation was filled with clean material.
Dimensions and Volume: 2 excavations, 3' x 3' x 4 ft. deep and 3 cleanouts at 5 yds. each. Approx.18 yards total of soil and masonry.
Analytical: Attached, PCB - 0.13 ppm.
Material Disposition: High Acres Landfill and Recycling Center, Fairport, NY.

This completes notification for these excavations. Please contact me at 413-494-4391 if you have any concerns regarding this notification.

Yours truly,

William A. Fessler
Manager EHS and Facilities

cc: JD Ciampa, GE
AT Cole, GEC
SM Cooke, McDermott, Will & Emery
MT. Carroll, GE
S. Steenstrup, DEP
AJ Thomas, GE

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

REQUEST FOR SAMPLING

TO: Files
FROM: Bruce Eulian
RE: Pittsfield Generating Co. Ballard Installation Drum Sampling (GE Drum #'s 44432, 44433, 44444, 44442)

DATE: June 9, 1999
FILE NO.: 101.95.110

INITIATOR: Aimee Cole (GEC)

DATE: 5/6/99

LOCATION: Building 78

CONTACT PERSON: Aimee Cole (GEC) **EXT:** 2534

ITEM DESCRIPTION:

1.) Soil

PURPOSE: To collect a sample for GE to determine the proper disposal method of the soil in GE Drum #'s 44432, 44433, 44444 and 44442 located in Building 78, which originated from the Pittsfield Generating Co. Ballard Installation.

NOTES: See attached sample request letter from Aimee Cole (GEC) to Bruce Eulian (BBL) dated May 6, 1999.

1.) One (1) field composite sample is to be collected for PCB and TCLP (no herbicides or pesticides) analyses.

2.) GE requests that the sample collected be analyzed by Adirondack Laboratory - Albany, NY under PO# GEATC05.

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

SAMPLING PROGRAM FIELD SUMMARY

TO: Files
FROM: Bruce Eulian
RE: Pittsfield Generating Co. Ballard Installation Drum Sampling (GE Drum #'s 44432, 44433, 44444, 44442)

DATE: June 9, 1999
FILE NO.: 101.95.110
cc: Bill Fessler (GE)

The following is a summary of the sampling program conducted 5/20/99 on the soil in GE Drum # 's 44432, 44433, 44444, and 44442, located in building 78, which originated from the Pittsfield Generating Co. Ballard Installation.

At the request of Aimee Cole (GEC) the following sampling program was implemented:

- One (1) field-composite sample was collected for PCB and TCLP (no herbicides or pesticides) analyses

Note:

The sample was collected using a 2" O D. piece of Lexan® tube

A summary table of the sampling program has been included (Table 1), along with a drawing showing the site location (Figure 1). Analytical results provided by Adirondack Environmental Services - Albany, NY (Attachment 1) and a copy of the chain of custody that accompanied the sample (Attachment 2) have also been included.

SAMPLING REQUEST

DATE: MAY 6, 1999

TO: B. Eulian - BBL cc: J. Nicholson - GE

FROM: A. Cole - GEC AC

RE: PITTSFIELD GENERATING CO. BALLARD INSTALLATION

Please take a composite sample from drums numbered 44432, 44433, 44444, and 44442 located in bldg. 78 for PCB and TCLP analysis.

BBL Project number: ~~2041B~~ 10195-110.??? Pittsfield Generating Co. Excavations
Turnaround Time: Standard
Lab & PO# : Adirondack - GEATC 05
Fax copy to: J. Nicholson
Final Copy to: A. Cole
Invoice to: A. Cole

Please provide a COC to Jeff Nicholson in the GE lab.

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Pittsfield Generating Co.
Ballard Installation Drum Sampling
(GE Drum #'s 44432, 44433, 44444 and 44442)

(101.95.110)

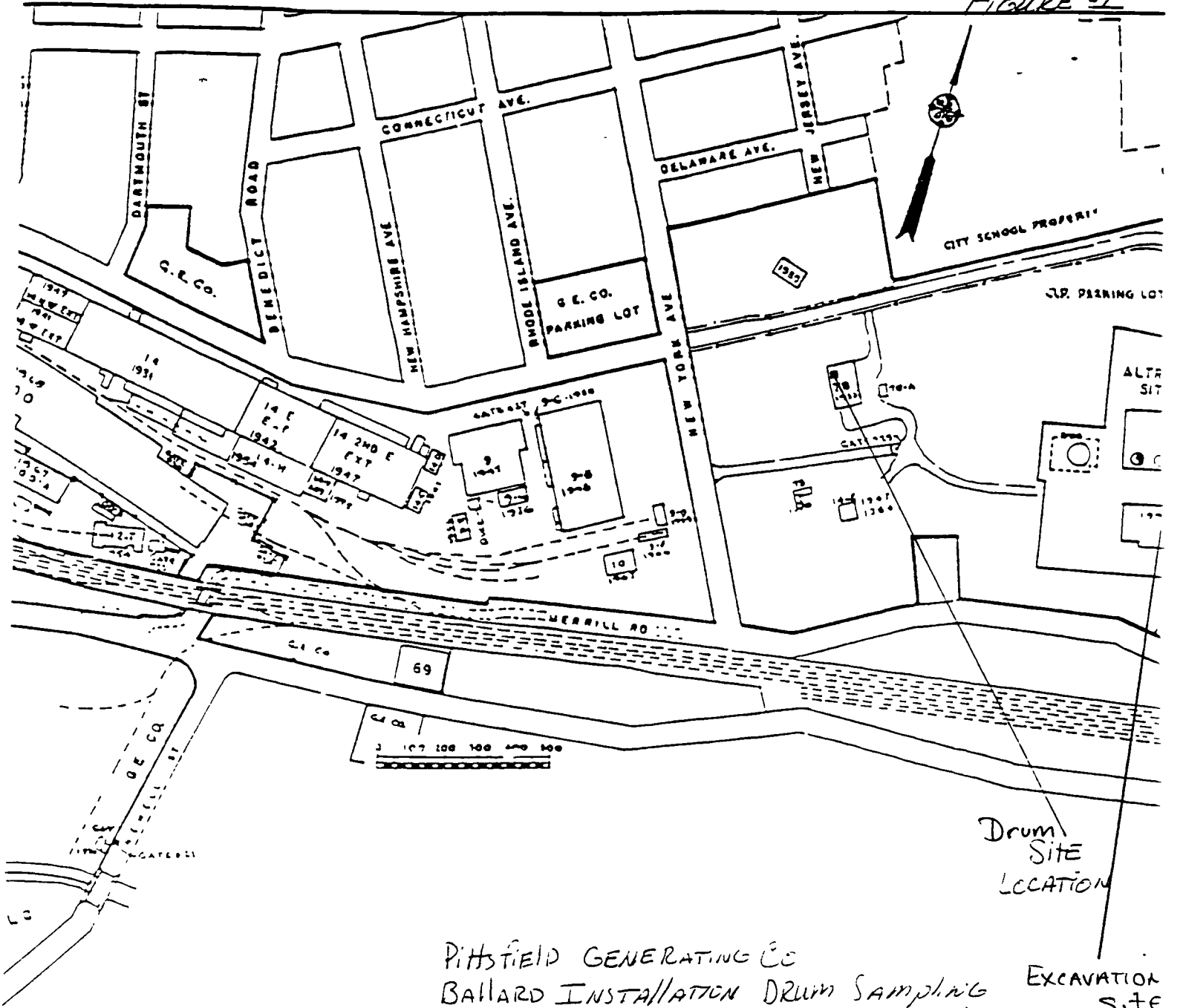
Table 1

LAB ID	SAMPLE DATE	PCBs ppm	SAMPLE MATERIAL	SAMPLE TYPE	SEE FIGURE
PGC-BI-1	5/20/99	6 2	SOIL	FIELD-COMPOSITE	1

NOTES:

SAMPLE WAS COLLECTED USING A 2" O D PIECE OF LEXAN® TUBE
THE SAMPLE WAS ALSO ANALYZED FOR TCLP (NO HERBICIDES OR PESTICIDES), SEE ANALYTICAL RESULTS

FIGURE -1



PITTSFIELD GENERATING CO
BALLARD INSTALLATION DRUM SAMPLING
(DRUM #'S 44432, 44433, 44444 44442)

(101.95.11C)

PITTSFIELD WORK

GROUND PLAN

SHEET-1

CORRECTED TO JAN 1, 1994

SCALE 1" = 200'

DWG 40 68

Attachment 1

Adirondack
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LABORATORY REPORT

for

General Electric Company
Mail Drop C23
100 Woodlawn Avenue
Pittsfield, MA 01201

Attention: J. Nicholson C23

Purchase Order #: 101.95.110
PJ:GEATC 05

Report date: 06/03/99
Number of samples analyzed: 1
AES Project ID: 990521AC
Invoice #: 200479

CC: B.E. Eulain

CC: A. Cole
ELAP ID#: 10709

AIHA ID#: 7866
Page 1

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CLIENT: General Electric Company
CLIENT'S SAMPLE ID: PCG-BI-1
AES sample #: 990521AC01
Samples taken by: S.L.L./A.M.
MATRIX: Solid Sample
Date Sampled: 05/20/99
Date sample received: 05/21/99
Location: Ballard Install composite

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
PCB-1016	EPA-8082	<1.2	ug/g Dry	KF-PCB-AC8	05/25/99
PCB-1221	EPA-8082	<1.2	ug/g Dry	KF-PCB-AC8	05/25/99
PCB-1232	EPA-8082	<1.2	ug/g Dry	KF-PCB-AC8	05/25/99
PCB-1242	EPA-8082	<1.2	ug/g Dry	KF-PCB-AC8	05/25/99
PCB-1248	EPA-8082	<1.2	ug/g Dry	KF-PCB-AC8	05/25/99
PCB-1254	EPA-8082	<1.2	ug/g Dry	KF-PCB-AC8	05/25/99
PCB-1260	EPA-8082	6.2	ug/g Dry	KF-PCB-AC8	05/25/99
TCLP Extraction (ZHE)	EPA-1311	Complete		MG-BT-1	05/24/99
Benzene - TCLP Extract	EPA-8260	<85	ug/l	MG-BT-1	05/25/99
Carbon Tetrachloride-TCLP Ext.	EPA-8260	<85	ug/l	MG-BT-1	05/25/99
Chlorobenzene-TCLP Extract	EPA-8260	<85	ug/l	MG-BT-1	05/25/99
Chloroform-TCLP Extract	EPA-8260	<85	ug/l	MG-BT-1	05/25/99
1,2-Dichloroethane-TCLP Ext.	EPA-8260	<85	ug/l	MG-BT-1	05/25/99
1,1-Dichloroethene-TCLP Ext.	EPA-8260	<85	ug/l	MG-BT-1	05/25/99
Methyl Ethyl Ketone-TCLP Ext.	EPA-8260	<170	ug/l	MG-BT-1	05/25/99
Tetrachloroethylene-TCLP Ext.	EPA-8260	<85	ug/l	MG-BT-1	05/25/99
Trichloroethylene-TCLP Extract	EPA-8260	<85	ug/l	MG-BT-1	05/25/99
Vinyl Chloride-TCLP Extraction	EPA-8260	<170	ug/l	MG-BT-1	05/25/99
TCLP Extraction	EPA-1311	Complete		METALS	05/24/99
Nitrobenzene-TCLP Extract	EPA-8270	<100	ug/l	MT-BU-13	05/27/99

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CLIENT: General Electric Company
CLIENT'S SAMPLE ID: PCG-BI-1
AES sample #: 990521AC01
Samples taken by: S.L.L./A.M.
MATRIX: Solid Sample
Date Sampled: 05/20/99
Date sample received: 05/21/99
Location: Ballard Install composite

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Pyridine-TCLP Extract	EPA-8270	<100	ug/l	MT-BU-13	05/27/99
Cresols (Total) TCLP Extract.	EPA-8270	<100	ug/l	MT-BU-13	05/27/99
1,4-Dichlorobenzene-TCLP Ext.	EPA-8270	<100	ug/l	MT-BU-13	05/27/99
2,4-Dinitrotoluene-TCLP Ext.	EPA-8270	<100	ug/l	MT-BU-13	05/27/99
Hexachlorobenzene-TCLP Extract	EPA-8270	<100	ug/l	MT-BU-13	05/27/99
Hexachlorobutadiene-TCLP Ext.	EPA-8270	<100	ug/l	MT-BU-13	05/27/99
Hexachloroethane-TCLP Extract	EPA-8270	<100	ug/l	MT-BU-13	05/27/99
Pentachlorophenol-TCLP Extract	EPA-8270	<500	ug/l	MT-BU-13	05/27/99
2,4,5-Trichlorophenol-TCLP Ext	EPA-8270	<100	ug/l	MT-BU-13	05/27/99
2,4,6-Trichlorophenol-TCLP Ext	EPA-8270	<100	ug/l	MT-BU-13	05/27/99
Arsenic-TCLP Extraction	EPA-6010	<0.5	mg/l	CG-I-1N-60	05/27/99
Barium-TCLP Extraction	EPA-6010	0.19	mg/l	CG-I-1N-60	05/27/99
Cadmium-TCLP Extraction	EPA-6010	<0.01	mg/l	CG-I-1N-60	05/27/99
Chromium-TCLP Extraction	EPA-6010	<0.05	mg/l	CG-I-1N-60	05/27/99
Lead-TCLP Extraction	EPA-6010	<0.5	mg/l	CG-I-1N-60	05/27/99
Mercury-TCLP Extraction	EPA-7470	<0.02	mg/l	KH-PSN-41	05/25/99
Selenium-TCLP Extraction	EPA-6010	<0.1	mg/l	CG-I-1N-60	05/27/99
Silver-TCLP Extraction	EPA-6010	<0.02	mg/l	CG-I-1N-60	05/27/99

APPROVED BY: _____
Report date: 06/03/99

Attachment 2

Adirondack
314 North Pearl Street
Albany, New York 12207
518-434-4546/434-0891 FAX

1 of 1

A full service analytical research laboratory offering solutions to environmental concerns

CHAIN OF CUSTODY RECORD

BLASLAND BOUCK & LEE

CLIENT NAME: GE Pittsfield

ADDRESS: 100 WOODLAWN AVE.

PROJECT NAME (Location): Pittsfield Generating Co. Ballard Installation Drum Sampling.

PO NUMBER: 101.95.110 GEATC 05

SAMPLERS: (Signature) STEPHEN LEWITT / ALEC MARCONI

AES SAMPLE NUMBER	CLIENT SAMPLE IDENTIFICATION & LOCATION	DATE SAMPLED	TIME A=a.m. P=p.m.		SAMPLE TYPE MATRIX	COMP	GRAB	NUMBER OF CONT'S	ANALYSIS REQUIRED
990521 AC01	PCG-RI-1	5/20/99	1330	A/P	Soil	X		3	PCBs + TCLP Ethanol Pesticides Herbicides
				A/P					
				A/P					
				A/P					
				A/P					
				A/P					
				A/P					
				A/P					
				A/P					
				A/P					
				A/P					
				A/P					
				A/P					
				A/P					
				A/P					

Turnaround Time: STANDARD TURNAROUND TIME REQUESTED

Laboratory Approval:

Relinquished by: (Signature)	Received by: (Signature)	Date/Time 5/21 11:22
Relinquished by: (Signature)	Received by: (Signature)	Date/Time
Relinquished by: (Signature)	Received by: (Signature)	Date/Time
Dispatched by: (Signature) / Date/Time	Received for Laboratory by:	Date/Time 5/24/99 12:30
Method of Shipment:	Send Report To: B. Euliano, A. Cole, J. Nicholson	Client Phone No.: (413) 494 4317

The Laboratory reserves the right to return hazardous samples to the client or may levy an appropriate fee per container for disposal.

WHITE - Lab Copy YELLOW - Sampler Copy PINK - Generator Copy

(2) Pittsfield Generating Co. Ballard Installation
Drum Sampling, Drum # 44432, 44433, 44444, 44442
100.95.110

Sample ID	Date	Time	Location	Description	
PGC-BI-1	5/20/98	1330	Bld 78	Field Composite	soil

Drum #s: 44432
44433 TECH: Lexan Tube
44444
44442

Drum #	Length of soil column
44432	1'10"
44433	1'8"
44444	1'11"
44442	1'1"

Analysis: PCBs + [illegible]
[illegible] to [illegible] Lab Albany NY.

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engineers & scientists

REQUEST FOR SAMPLING

TO: Files
FROM: Bruce Eulian
RE: East St. Area 2 Source Control Project - Phone Line Installation Beneath Security Gate South of 64 Scale (GE Drum #'s 45636, 45624, 45625, 45637)

DATE: April 28, 1999
FILE NO.: 201.81.001

INITIATOR: Aimee Cole (GEC)

DATE: 4/01/99

LOCATION: Bldg 12-STS Annex

CONTACT PERSON: Aimee Cole (GEC) **EXT:** 2534

ITEM DESCRIPTION:

1.) Soil

PURPOSE: To collect samples at G.E.'s request for disposal classification of the soil in GE Drum #'s 45636, 45624, 45625 and 45637 which originated from the East St. Area 2 phone line installation, beneath the security gate south of the 64 scale.

NOTES: See attached sample request letter from Aimee Cole (GEC) to Bruce Eulian (BBL) dated April 1, 1999.

1.) One (1) composite sample from the four drums is to be collected for PCB, VOC, SVOC, Total Metals, Phenol, and Cyanide analysis.

2.) GE requests that the sample collected be analyzed by Quanterra Environmental Services, Pittsburgh, PA under PO # A896-014671.

ASM
April 28 1999
(c)

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

SAMPLING PROGRAM FIELD SUMMARY

TO: Files
FROM: Bruce Eulian
RE: East St. Area 2 Source Control Project - Phone Line Installation Beneath Security Gate South of 64 Scale Drum Sampling (GE Drum #'s 45636, 45624, 45625, 45637)

DATE: April 28, 1999
FILE NO.: 201.81.001
cc: Bill Fessler (GE)

The following is a summary of the sampling program conducted 4/8/99 on the soil in GE Drum #'s 45636, 45624, 45625 and 45637. The GE Drum's originated from the East St. Area 2 phone line installation, beneath the security gate south of the 64 scale.

At the request of Aimee Cole (GEC) the following sampling program was implemented:

- One (1) composite sample from the four drums was collected for PCBs, VOC, SVOC, Total Metals, Phenol, and Cyanide analysis.

Note:

The samples were collected using a clear lexan tube.

The VOC samples were collected using an EN-CORE sampling system

A summary table of the sampling program has been included (Table 1), along with a drawing showing the site location (Figure 1). Analytical results provided by Quanterra Environmental, Pittsburgh, PA (Attachment 1) and a copy of the chain of custody that accompanied the sample (Attachment 2) have also been included.

BBL
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engineers & scientists

PHONE LINE INSTALLATION BENEATH GATE SOUTH OF 64 SCALE
DRUM SAMPLING (GE DRUM #'s 45636, 45624, 45637, and 45625)
Building 12 STS

(201.81.001)

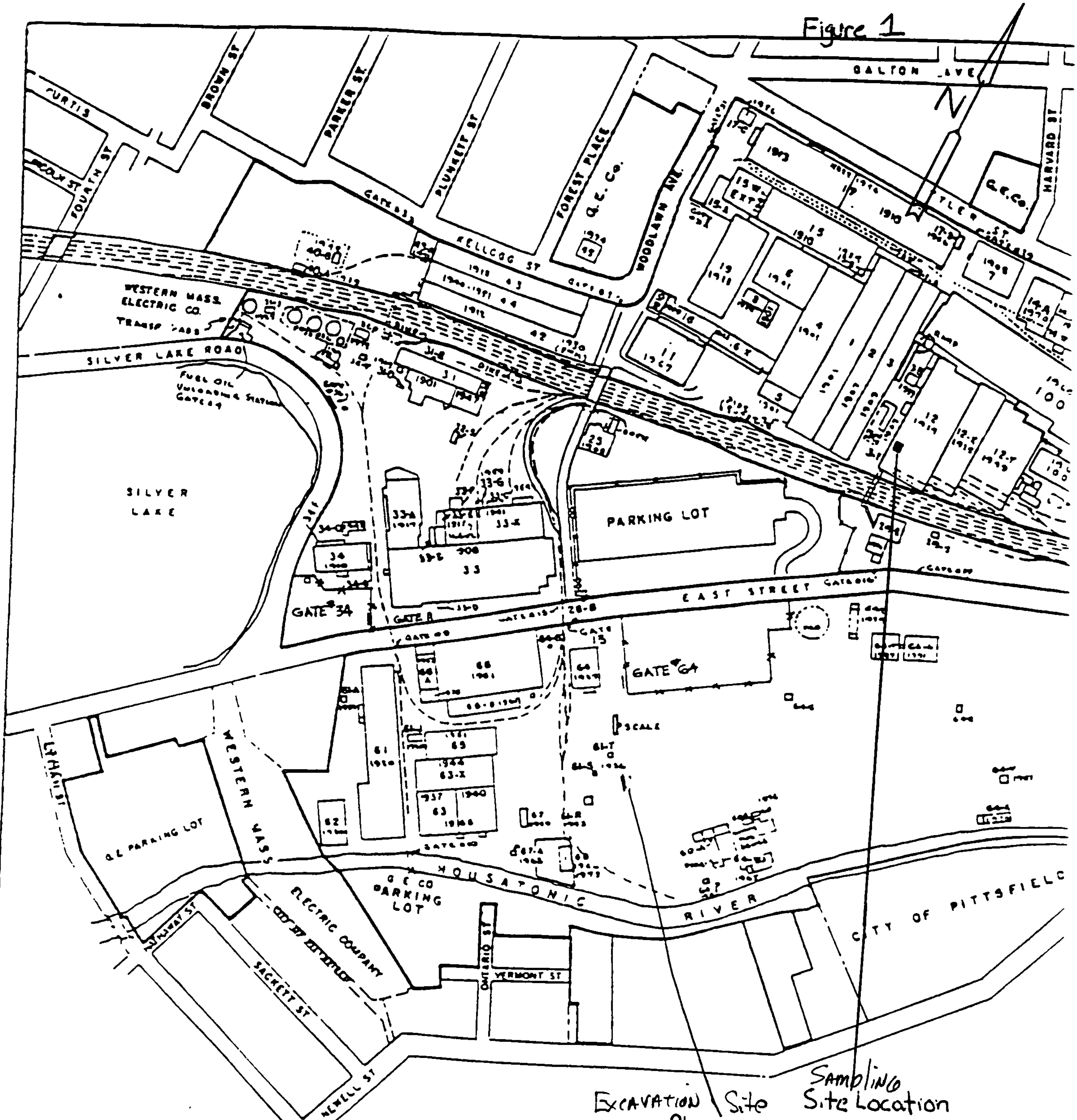
Table 1

LAB ID	SAMPLE DATE	GE DRUM #'s	PCBs	VOCs	SVOC	TOTAL METALS	PHENOL	CYANIDE	SAMPLE MATERIAL	SAMPLE TYPE	SOIL COLUMN (INCHES)
12-STS-45636-1	4-6-99	45636 45624 45625 45637	SEE LAB REPORT	SEE LAB REPORT	SEE LAB REPORT	SEE LAB REPORT	SEE LAB REPORT	SEE LAB REPORT	SOIL	DISCRETE-GRAB FIELD COMPOSITE	24"

Notes:

The sample was collected using a clear Lexan tube
The VOC samples were collected using EN-CORE samplers

Figure 1


N
DALTON AVE
CURTIS
BROWN ST
PARKER ST
PLUNKETT ST
FOREST PLACE
G.E. Co.
WOODLAWN AVE.
FOURTH ST
KELLOGG ST
HARVARD ST
G.E.Co.
WESTERN MASS. ELECTRIC CO.
SILVER LAKE ROAD
SILVER LAKE
PARKING LOT
EAST STREET
GATE #34
GATE 8
GATE 64
SCALE
WESTERN MASS.
ELECTRIC COMPANY
G.E. PARKING LOT
G E CO PARKING LOT
HOUSATONIC RIVER
CITY OF PITTSFIELD
ONTARIO ST
VERMONT ST
SACKETT ST
NEWELL ST
Excavation Site
Sampling Site Location

Phone Line Beneath Security Gate South of 64 Scale Soil Sampling

20181-001

Attachment 1

Quanterra Incorporated
450 William Pitt Way
Pittsburgh Pennsylvania 15238

412 820-8380 Telephone
412 820-2080 Fax

ANALYTICAL REPORT

PROJECT NO. 201.81.001

Phone Line Instl. S 64 Scale

Lot #: C9D090130

Amy Cole

General Electric Company

QUANTERRA INCORPORATED

Veronica Bortot

Veronica Bortot
Project Manager

April 26, 1999

Quanterra

CASE NARRATIVE

GENERAL ELECTRIC
PITTSFIELD, MA

SITE: PHONE LINE INSTALATION BENEATH
SECURITY GATE SOUTH OF 64 SCALE

QUANTERRA LOT NO. C9D090130

SHIPMENT:
Samples were received at Quanterra Pittsburgh, PA on April 8, 1999 in good condition.

NOTE:
Except where noted, no problems were observed during the analyses.

GC/MS SEMIVOLATILES:
Due to matrix interference, sample 12 STS-45636-1 was analyzed diluted. Only the diluted analysis is reported.

PHENOL:
Due to matrix interference, sample 12 STS-45636-1 was analyzed diluted. Only the diluted analysis is reported. Due to the dilution required, the surrogates were diluted out.

PCB's:
Due to the abundance of target compounds, sample 12 STS-45636-1 was analyzed diluted. Only the diluted analysis is reported. Due to the dilution required, the surrogates were diluted out.

METALS:
The matrix spike exceeded the 75-125% control limits for chromium, calcium and magnesium.

The duplicate RPD exceeded the control limits for chromium, lead, barium, cobalt, copper, nickel, vanadium, calcium, iron, magnesium and manganese.

Sample 12 STS-45636-1, serial dilution, duplicate and the matrix spike were over the instrument's linear range for iron.

Sample 12 STS-45636-1, serial dilution, duplicate and the matrix spike were diluted for cadmium, lead, antimony, selenium and thallium. Iron and manganese are over-range and iron IEC's exist for cadmium, lead and antimony. Iron and manganese IEC's exist for selenium and thallium.
Additionally, sample 12 STS-45636-1, serial dilution, duplicate and the matrix spike were diluted for copper, manganese and zinc. Iron is over range and iron IEC's exist for copper, manganese and zinc.

Due to iron saturation, sample 12 STS-45636-1 duplicate, was diluted for beryllium, cobalt and vanadium.

SAMPLE SUMMARY

Quanterra

C9D090130

WO #	SAMPLE#	CLIENT SAMPLE ID	DATE	TIME
CTFHG	001	12-STS-45636-1	04/07/99	09:57

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

METHODS SUMMARY

Quanterra

C9D090130

PARAMETER	ANALYTICAL METHOD	PREPARATION METHOD
Inductively Coupled Plasma (ICP) Metals	SW846 6010B	SW846 3050B
Mercury in Solid Waste (Manual Cold-Vapor)	SW846 7471A	SW846 7471A
Phenols by GC	SW846 8041	
PCBs	SW846 8082	SW846 3550
Semivolatile Organic Compounds by GC/MS	SW846 8270C	SW846 3550B
Total Cyanide	SW846 9012A	SW846 9012A
Total Residue as Percent Solids	MCAWW 160.3 MOD	MCAWW 160.3 MOD
Trace Inductively Coupled Plasma (ICP) Metals	SW846 6010B	SW846 3050B
Volatile Organics by GC/MS	SW846 8260B	SW846 5035

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists
6723 Towpath Road, P.O. Box 66
Syracuse, New York 13214-0066
TEL: (315) 446-9120

PLEASE SEND LAB REPORT TO:
BRUCE EULIAN
Blasland, Bouck & Lee, Inc.
C/O GENERAL ELECTRIC CO.
100 WOODLAWN AVE
PITTSFIELD, MA 01201

CHAIN OF CUSTODY RECORD

1 of 1

PROJECT NO.	PROJECT NAME
201.81.001	Phone Line Installation Beneath Security Gate South of 64 Scale

LAB ID	CUSTODY TAPE NUMBER	DATE	TIME	COMP.	GRAB	SAMPLE TYPE: SOLID	SAMPLE TYPE: WIPE	SAMPLE TYPE: WATER	Number of Containers	PCBs	VOC	SVOC	TOTAL Metals	Phenol	Cyanide	MS/MSD	REMARKS
12-STS-45636-1		4/7/99	0957	X		X			8	X	X	X	X	X	X	X	EXTRA VOLUME FOR MS/MSD
TEMP BLANK																	STANDARD TURN - AROUND TIME PLEASE.
																	PLEASE Fax Results To: Jeff Nicholson (GE) @ 413-494-6707
																	P.O.# A896-014671

	DATE	TIME			DATE	TIME	
Sampled by: (Signature) Alexander S. Marcony	4/7/99		**Received by:** (Signature)	**Relinquished by:** (Signature)			**Received by:** (Signature)
Relinquished by: (Signature) Alexander S. Marcony	4/7/99	1700	**Received by:** (Signature)	**Relinquished by:** (Signature)			**Received by:** (Signature)
Relinquished by: (Signature)	DATE	TIME	**Received for Laboratory by:** (Signature) Patrick R. Faust	DATE 4/8/99	TIME 09:27		**Remarks:** SENT TO QUANTERRA ENVIRONMENTAL VIA FED EX #809219532068

GENERAL ELECTRIC COMPANY

Client Sample ID: 12-STS-45636-1

GC/MS Volatiles

Lot-Sample #...: C9D090130-001	**Work Order #...:** CTFHG103	**Matrix.....:** SOLID
Date Sampled...: 04/07/99	**Date Received..:** 04/08/99	**MS Run #.....:** 9102055
Prep Date.....: 04/11/99	**Analysis Date..:** 04/11/99	
Prep Batch #...: 9102183		
Dilution Factor: 1		
% Moisture.....: 6.6	**Method.....:** SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	**6.4 J**	**21**	**ug/kg**
Benzene	ND	5.4	ug/kg
Bromodichloromethane	ND	5.4	ug/kg
Bromoform	ND	5.4	ug/kg
Bromomethane	ND	11	ug/kg
2-Butanone	ND	21	ug/kg
Carbon disulfide	ND	5.4	ug/kg
Carbon tetrachloride	ND	5.4	ug/kg
Chlorobenzene	ND	5.4	ug/kg
Dibromochloromethane	ND	5.4	ug/kg
Chloroethane	ND	11	ug/kg
Chloroform	ND	5.4	ug/kg
Chloromethane	ND	11	ug/kg
1,1-Dichloroethane	ND	5.4	ug/kg
1,2-Dichloroethane	ND	5.4	ug/kg
1,1-Dichloroethene	ND	5.4	ug/kg
1,2-Dichloroethene (total)	ND	5.4	ug/kg
1,2-Dichloropropane	ND	5.4	ug/kg
cis-1,3-Dichloropropene	ND	5.4	ug/kg
trans-1,3-Dichloropropene	ND	5.4	ug/kg
Ethylbenzene	ND	5.4	ug/kg
2-Hexanone	ND	21	ug/kg
Methylene chloride	**1.9 J**	**5.4**	**ug/kg**
4-Methyl-2-pentanone	ND	21	ug/kg
Styrene	ND	5.4	ug/kg
1,1,2,2-Tetrachloroethane	ND	5.4	ug/kg
Tetrachloroethene	ND	5.4	ug/kg
Toluene	ND	5.4	ug/kg
1,1,1-Trichloroethane	ND	5.4	ug/kg
1,1,2-Trichloroethane	ND	5.4	ug/kg
Trichloroethene	ND	5.4	ug/kg
Vinyl chloride	ND	11	ug/kg
Xylenes (total)	ND	5.4	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	115	(57 - 124)
Toluene-d8	109	(48 - 145)
4-Bromofluorobenzene	84	(35 - 136)
Dibromofluoromethane	125	(56 - 137)

(Continued on next page)

GENERAL ELECTRIC COMPANY

Client Sample ID: 12-STS-45636-1

GC/MS Volatiles

Lot-Sample #...: C9D090130-001 Work Order #...: CTFHG103 Matrix.....: SOLID

NOTE(S):

J Estimated result. Result is less than RL.

Results and reporting limits have been adjusted for dry weight.

GENERAL ELECTRIC COMPANY

Client Sample ID: 12-STS-45636-1

GC/MS Semivolatiles

Lot-Sample #...: C9D090130-001	**Work Order #...:** CTFHG105	**Matrix.....:** SOLID
Date Sampled...: 04/07/99	**Date Received..:** 04/08/99	**MS Run #.....:** 9104043
Prep Date.....: 04/14/99	**Analysis Date..:** 04/16/99	
Prep Batch #...: 9104173		
Dilution Factor: 10		
% Moisture.....: 6.6	**Method.....:** SW846 8270C	

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acenaphthene	ND	3500	ug/kg
Acenaphthylene	ND	3500	ug/kg
Anthracene	ND	3500	ug/kg
Benzo(a)anthracene	ND	3500	ug/kg
Benzo(a)pyrene	ND	3500	ug/kg
Benzo(b)fluoranthene	ND	3500	ug/kg
Benzo(k)fluoranthene	ND	3500	ug/kg
Benzo(ghi)perylene	**650 J**	**3500**	**ug/kg**
bis(2-Chloroethoxy) methane	ND	3500	ug/kg
bis(2-Chloroethyl) ether	ND	3500	ug/kg
bis(2-Ethylhexyl) phthalate	ND	3500	ug/kg
4-Bromophenyl phenyl ether	ND	3500	ug/kg
Butyl benzyl phthalate	ND	3500	ug/kg
Carbazole	ND	3500	ug/kg
4-Chloroaniline	ND	3500	ug/kg
4-Chloro-3-methylphenol	ND	3500	ug/kg
2-Chloronaphthalene	ND	3500	ug/kg
2-Chlorophenol	ND	3500	ug/kg
4-Chlorophenyl phenyl ether	ND	3500	ug/kg
Chrysene	ND	3500	ug/kg
Dibenz(a,h)anthracene	ND	3500	ug/kg
Dibenzofuran	ND	3500	ug/kg
1,2-Dichlorobenzene	ND	3500	ug/kg
1,3-Dichlorobenzene	ND	3500	ug/kg
1,4-Dichlorobenzene	ND	3500	ug/kg
3,3'-Dichlorobenzidine	ND	17000	ug/kg
2,4-Dichlorophenol	ND	3500	ug/kg
Diethyl phthalate	ND	3500	ug/kg
2,4-Dimethylphenol	ND	3500	ug/kg
Dimethyl phthalate	ND	3500	ug/kg
Di-n-butyl phthalate	ND	3500	ug/kg
Di-n-octyl phthalate	ND	3500	ug/kg
2,4-Dinitrophenol	ND	17000	ug/kg
4,6-Dinitro-2-methylphenol	ND	17000	ug/kg

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GENERAL ELECTRIC COMPANY

Client Sample ID: 12-STS-45636-1

GC/MS Semivolatiles

Lot-Sample #...: C9D090130-001 Work Order #...: CTFHG105 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
2,4-Dinitrotoluene	ND	3500	ug/kg
2,6-Dinitrotoluene	ND	3500	ug/kg
Fluoranthene	**2700 J**	**3500**	**ug/kg**
Fluorene	ND	3500	ug/kg
Hexachlorobenzene	ND	3500	ug/kg
Hexachlorobutadiene	ND	3500	ug/kg
Hexachlorocyclopentadiene	ND	17000	ug/kg
Hexachloroethane	ND	3500	ug/kg
Indeno(1,2,3-cd)pyrene	**630 J**	**3500**	**ug/kg**
Isophorone	ND	3500	ug/kg
2-Methylnaphthalene	ND	3500	ug/kg
2-Methylphenol	ND	3500	ug/kg
3-Methylphenol & 4-Methylphenol	ND	3500	ug/kg
Naphthalene	ND	3500	ug/kg
2-Nitroaniline	ND	17000	ug/kg
3-Nitroaniline	ND	17000	ug/kg
4-Nitroaniline	ND	17000	ug/kg
Nitrobenzene	ND	3500	ug/kg
2-Nitrophenol	ND	3500	ug/kg
4-Nitrophenol	ND	17000	ug/kg
N-Nitrosodi-n-propylamine	ND	3500	ug/kg
N-Nitrosodiphenylamine	ND	3500	ug/kg
2,2'-oxybis(1-Chloropropane)	ND	3500	ug/kg
Pentachlorophenol	ND	17000	ug/kg
Phenanthrene	**1500 J**	**3500**	**ug/kg**
Phenol	ND	3500	ug/kg
Pyrene	**2000 J**	**3500**	**ug/kg**
1,2,4-Trichlorobenzene	ND	3500	ug/kg
2,4,5-Trichlorophenol	ND	3500	ug/kg
2,4,6-Trichlorophenol	ND	3500	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	88	(35 - 110)
Terphenyl-d14	48	(23 - 135)
2-Fluorophenol	70	(12 - 103)
2-Fluorobiphenyl	77	(25 - 124)
Phenol-d5	83	(18 - 160)
2,4,6-Tribromophenol	77	(38 - 149)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

GENERAL ELECTRIC COMPANY

Client Sample ID: 12-STS-45636-1

GC Semivolatiles

Lot-Sample #...: C9D090130-001	Work Order #...: CTFHG10F	Matrix.....: SOLID
Date Sampled...: 04/07/99	Date Received..: 04/08/99	MS Run #.....: 9110098
Prep Date.....: 04/20/99	Analysis Date..: 04/22/99	
Prep Batch #...: 9110262		
Dilution Factor: 10		
% Moisture.....: 6.6	Method.....: SW846 8041	

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Phenol	ND	3600	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4-Dibromophenol	NC,DIL	(28 - 100)

NOTE(S):

NC The recovery and/or RPD were not calculated.

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

SAMPLE DILUTED 10X DUE TO MATRIX

GENERAL ELECTRIC COMPANY

Client Sample ID: 12-STS-45636-1

GC Semivolatiles

Lot-Sample #...: C9D090130-001	**Work Order #...:** CTFHG102	**Matrix.....:** SOLID
Date Sampled...: 04/07/99	**Date Received..:** 04/08/99	**MS Run #.....:** 9102003
Prep Date.....: 04/11/99	**Analysis Date..:** 04/13/99	
Prep Batch #...: 9102102		
Dilution Factor: 500		
% Moisture.....: 6.6	**Method.....:** SW846 8082	

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aroclor 1016	ND	18000	ug/kg
Aroclor 1221	ND	18000	ug/kg
Aroclor 1232	ND	18000	ug/kg
Aroclor 1242	ND	18000	ug/kg
Aroclor 1248	ND	18000	ug/kg
Aroclor 1254	**130000**	**18000**	**ug/kg**
Aroclor 1260	**170000**	**18000**	**ug/kg**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	NC,DIL	(41 - 130)
Decachlorobiphenyl	NC,DIL	(50 - 131)

NOTE(S):

NC The recovery and/or RPD were not calculated.

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

GENERAL ELECTRIC COMPANY

Client Sample ID: 12-STS-45636-1

TOTAL Metals

Lot-Sample #...: C9D090130-001 Matrix.....: SOLID
Date Sampled...: 04/07/99 Date Received..: 04/08/99
% Moisture.....: 6.6

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 9101104						
Mercury	0.77	0.11	mg/kg	SW846 7471A	04/11/99	CTFHG10W
		Dilution Factor: 1		MS Run #.....: 9101004		
Prep Batch #...: 9103170						
Silver	0.74	0.54	mg/kg	SW846 6010B	04/13-04/19/99	CTFHG106
		Dilution Factor: 1		MS Run #.....: 9103042		
Arsenic	11.4	1.1	mg/kg	SW846 6010B	04/13-04/19/99	CTFHG107
		Dilution Factor: 1		MS Run #.....: 9103042		
Cadmium	1.0	0.43	mg/kg	SW846 6010B	04/13-04/19/99	CTFHG108
		Dilution Factor: 2		MS Run #.....: 9103042		
Chromium	71.0	0.54	mg/kg	SW846 6010B	04/13-04/19/99	CTFHG109
		Dilution Factor: 1		MS Run #.....: 9103042		
Sodium	190 B	535	mg/kg	SW846 6010B	04/13-04/17/99	CTFHG12M
		Dilution Factor: 1		MS Run #.....: 9103042		
Lead	223	0.64	mg/kg	SW846 6010B	04/13-04/19/99	CTFHG10A
		Dilution Factor: 2		MS Run #.....: 9103042		
Antimony	4.6	2.1	mg/kg	SW846 6010B	04/13-04/19/99	CTFHG10C
		Dilution Factor: 2		MS Run #.....: 9103042		
Selenium	ND	1.1	mg/kg	SW846 6010B	04/13-04/19/99	CTFHG10D
		Dilution Factor: 2		MS Run #.....: 9103042		
Thallium	0.56 B	2.1	mg/kg	SW846 6010B	04/13-04/19/99	CTFHG10E
		Dilution Factor: 2		MS Run #.....: 9103042		
Aluminum	3090	21.4	mg/kg	SW846 6010B	04/13-04/17/99	CTFHG10G
		Dilution Factor: 1		MS Run #.....: 9103042		
Barium	41.2	21.4	mg/kg	SW846 6010B	04/13-04/17/99	CTFHG10H
		Dilution Factor: 1		MS Run #.....: 9103042		
Beryllium	0.26 B	0.54	mg/kg	SW846 6010B	04/13-04/17/99	CTFHG10J
		Dilution Factor: 1		MS Run #.....: 9103042		
Calcium	11600	535	mg/kg	SW846 6010B	04/13-04/17/99	CTFHG10K
		Dilution Factor: 1		MS Run #.....: 9103042		

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GENERAL ELECTRIC COMPANY

Client Sample ID: 12-STS-45636-1

TOTAL Metals

Lot-Sample #...: C9D090130-001 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cobalt	20.0	5.4	mg/kg	SW846 6010B	04/13-04/17/99	CTFHG10L
		Dilution Factor: 1		MS Run #.....: 9103042		
Copper	317	5.4	mg/kg	SW846 6010B	04/13-04/17/99	CTFHG10M
		Dilution Factor: 2		MS Run #.....: 9103042		
Iron	64400	21.4	mg/kg	SW846 6010B	04/13-04/17/99	CTFHG10N
		Dilution Factor: 2		MS Run #.....: 9103042		
Potassium	286 B	535	mg/kg	SW846 6010B	04/13-04/17/99	CTFHG10P
		Dilution Factor: 1		MS Run #.....: 9103042		
Magnesium	6910	535	mg/kg	SW846 6010B	04/13-04/17/99	CTFHG10Q
		Dilution Factor: 1		MS Run #.....: 9103042		
Manganese	1160	3.2	mg/kg	SW846 6010B	04/13-04/17/99	CTFHG10R
		Dilution Factor: 2		MS Run #.....: 9103042		
Nickel	84.5	4.3	mg/kg	SW846 6010B	04/13-04/17/99	CTFHG10T
		Dilution Factor: 1		MS Run #.....: 9103042		
Vanadium	15.8	5.4	mg/kg	SW846 6010B	04/13-04/17/99	CTFHG10U
		Dilution Factor: 1		MS Run #.....: 9103042		
Zinc	474	4.3	mg/kg	SW846 6010B	04/13-04/17/99	CTFHG10V
		Dilution Factor: 2		MS Run #.....: 9103042		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

GENERAL ELECTRIC COMPANY

Client Sample ID: 12-STS-45636-1

General Chemistry

Lot-Sample #...: C9D090130-001 Work Order #...: CTFHG Matrix.....: SOLID
Date Sampled...: 04/07/99 Date Received..: 04/08/99
% Moisture.....: 6.6

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	93.4		%	MCAWW 160.3 MOD	04/12-04/13/99	9103161
	Dilution Factor: 1		MS Run #.....:			
Total Cyanide	ND	2.7	mg/kg	SW846 9012A	04/12-04/14/99	9102244
	Dilution Factor: 1		MS Run #.....: 9102080			

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: C9D090130 **Work Order #...:** CTH6K101 **Matrix.....:** SOLID
MB Lot-Sample #: C9D120000-183

Prep Date.....: 04/11/99
Analysis Date..: 04/11/99 **Prep Batch #...:** 9102183
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	20	ug/kg	SW846 8260B
Benzene	ND	5.0	ug/kg	SW846 8260B
Bromodichloromethane	ND	5.0	ug/kg	SW846 8260B
Bromoform	ND	5.0	ug/kg	SW846 8260B
Bromomethane	ND	10	ug/kg	SW846 8260B
2-Butanone	ND	20	ug/kg	SW846 8260B
Carbon disulfide	ND	5.0	ug/kg	SW846 8260B
Carbon tetrachloride	ND	5.0	ug/kg	SW846 8260B
Chlorobenzene	ND	5.0	ug/kg	SW846 8260B
Dibromochloromethane	ND	5.0	ug/kg	SW846 8260B
Chloroethane	ND	10	ug/kg	SW846 8260B
Chloroform	ND	5.0	ug/kg	SW846 8260B
Chloromethane	ND	10	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloroethene (total)	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
Ethylbenzene	ND	5.0	ug/kg	SW846 8260B
2-Hexanone	ND	20	ug/kg	SW846 8260B
Methylene chloride	ND	5.0	ug/kg	SW846 8260B
4-Methyl-2-pentanone	ND	20	ug/kg	SW846 8260B
Styrene	ND	5.0	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
Tetrachloroethene	ND	5.0	ug/kg	SW846 8260B
Toluene	ND	5.0	ug/kg	SW846 8260B
1,1,1-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
Trichloroethene	ND	5.0	ug/kg	SW846 8260B
Vinyl chloride	ND	10	ug/kg	SW846 8260B
Xylenes (total)	ND	5.0	ug/kg	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	91	(57 - 124)
Toluene-d8	103	(48 - 145)
4-Bromofluorobenzene	99	(35 - 136)
Dibromofluoromethane	117	(56 - 137)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: C9D090130 **Work Order #...:** CTKGH101 **Matrix.....:** SOLID
MB Lot-Sample #: C9D140000-173

Prep Date.....: 04/14/99
Analysis Date..: 04/15/99 **Prep Batch #...:** 9104173
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acenaphthene	ND	330	ug/kg	SW846 8270C
Acenaphthylene	ND	330	ug/kg	SW846 8270C
Anthracene	ND	330	ug/kg	SW846 8270C
Benzo(a)anthracene	ND	330	ug/kg	SW846 8270C
Benzo(a)pyrene	ND	330	ug/kg	SW846 8270C
Benzo(b)fluoranthene	ND	330	ug/kg	SW846 8270C
Benzo(k)fluoranthene	ND	330	ug/kg	SW846 8270C
Benzo(ghi)perylene	ND	330	ug/kg	SW846 8270C
bis(2-Chloroethoxy) methane	ND	330	ug/kg	SW846 8270C
bis(2-Chloroethyl) ether	ND	330	ug/kg	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	330	ug/kg	SW846 8270C
4-Bromophenyl phenyl ether	ND	330	ug/kg	SW846 8270C
Butyl benzyl phthalate	ND	330	ug/kg	SW846 8270C
Carbazole	ND	330	ug/kg	SW846 8270C
4-Chloroaniline	ND	330	ug/kg	SW846 8270C
4-Chloro-3-methylphenol	ND	330	ug/kg	SW846 8270C
2-Chloronaphthalene	ND	330	ug/kg	SW846 8270C
2-Chlorophenol	ND	330	ug/kg	SW846 8270C
4-Chlorophenyl phenyl ether	ND	330	ug/kg	SW846 8270C
Chrysene	ND	330	ug/kg	SW846 8270C
Dibenz(a,h)anthracene	ND	330	ug/kg	SW846 8270C
Dibenzofuran	ND	330	ug/kg	SW846 8270C
1,2-Dichlorobenzene	ND	330	ug/kg	SW846 8270C
1,3-Dichlorobenzene	ND	330	ug/kg	SW846 8270C
1,4-Dichlorobenzene	ND	330	ug/kg	SW846 8270C
3,3'-Dichlorobenzidine	ND	1600	ug/kg	SW846 8270C
2,4-Dichlorophenol	ND	330	ug/kg	SW846 8270C
Diethyl phthalate	ND	330	ug/kg	SW846 8270C
2,4-Dimethylphenol	ND	330	ug/kg	SW846 8270C
Dimethyl phthalate	ND	330	ug/kg	SW846 8270C
Di-n-butyl phthalate	ND	330	ug/kg	SW846 8270C
Di-n-octyl phthalate	ND	330	ug/kg	SW846 8270C
2,4-Dinitrophenol	ND	1600	ug/kg	SW846 8270C
4,6-Dinitro-2-methylphenol	ND	1600	ug/kg	SW846 8270C
2,4-Dinitrotoluene	ND	330	ug/kg	SW846 8270C
2,6-Dinitrotoluene	ND	330	ug/kg	SW846 8270C

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: C9D090130 **Work Order #...:** CTKGH101 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Fluoranthene	ND	330	ug/kg	SW846 8270C
Fluorene	ND	330	ug/kg	SW846 8270C
Hexachlorobenzene	ND	330	ug/kg	SW846 8270C
Hexachlorobutadiene	ND	330	ug/kg	SW846 8270C
Hexachlorocyclopentadiene	ND	1600	ug/kg	SW846 8270C
Hexachloroethane	ND	330	ug/kg	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	330	ug/kg	SW846 8270C
Isophorone	ND	330	ug/kg	SW846 8270C
2-Methylnaphthalene	ND	330	ug/kg	SW846 8270C
2-Methylphenol	ND	330	ug/kg	SW846 8270C
3-Methylphenol & 4-Methylphenol	ND	330	ug/kg	SW846 8270C
Naphthalene	ND	330	ug/kg	SW846 8270C
2-Nitroaniline	ND	1600	ug/kg	SW846 8270C
3-Nitroaniline	ND	1600	ug/kg	SW846 8270C
4-Nitroaniline	ND	1600	ug/kg	SW846 8270C
Nitrobenzene	ND	330	ug/kg	SW846 8270C
2-Nitrophenol	ND	330	ug/kg	SW846 8270C
4-Nitrophenol	ND	1600	ug/kg	SW846 8270C
N-Nitrosodi-n-propylamine	ND	330	ug/kg	SW846 8270C
N-Nitrosodiphenylamine	ND	330	ug/kg	SW846 8270C
2,2'-oxybis(1-Chloropropa	ND	330	ug/kg	SW846 8270C
Pentachlorophenol	ND	1600	ug/kg	SW846 8270C
Phenanthrene	ND	330	ug/kg	SW846 8270C
Phenol	ND	330	ug/kg	SW846 8270C
Pyrene	ND	330	ug/kg	SW846 8270C
1,2,4-Trichlorobenzene	ND	330	ug/kg	SW846 8270C
2,4,5-Trichlorophenol	ND	330	ug/kg	SW846 8270C
2,4,6-Trichlorophenol	ND	330	ug/kg	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	84	(35 - 110)
Terphenyl-d14	67	(23 - 135)
2-Fluorophenol	70	(12 - 103)
2-Fluorobiphenyl	80	(25 - 124)
Phenol-d5	73	(18 - 160)
2,4,6-Tribromophenol	127	(38 - 149)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: C9D090130 **Work Order #...:** CTKGH103 **Matrix.....:** SOLID
MB Lot-Sample #: C9D140000-173

Prep Date.....: 04/14/99
Analysis Date..: 04/21/99 **Prep Batch #...:** 9104173
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acenaphthene	ND	330	ug/kg	SW846 8270C
Acenaphthylene	ND	330	ug/kg	SW846 8270C
Anthracene	ND	330	ug/kg	SW846 8270C
Benzo(a)anthracene	ND	330	ug/kg	SW846 8270C
Benzo(a)pyrene	ND	330	ug/kg	SW846 8270C
Benzo(b)fluoranthene	ND	330	ug/kg	SW846 8270C
Benzo(k)fluoranthene	ND	330	ug/kg	SW846 8270C
Benzo(ghi)perylene	ND	330	ug/kg	SW846 8270C
bis(2-Chloroethoxy) methane	ND	330	ug/kg	SW846 8270C
bis(2-Chloroethyl) ether	ND	330	ug/kg	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	330	ug/kg	SW846 8270C
4-Bromophenyl phenyl ether	ND	330	ug/kg	SW846 8270C
Butyl benzyl phthalate	ND	330	ug/kg	SW846 8270C
4-Chloroaniline	ND	330	ug/kg	SW846 8270C
4-Chloro-3-methylphenol	ND	330	ug/kg	SW846 8270C
2-Chloronaphthalene	ND	330	ug/kg	SW846 8270C
2-Chlorophenol	ND	330	ug/kg	SW846 8270C
4-Chlorophenyl phenyl ether	ND	330	ug/kg	SW846 8270C
Chrysene	ND	330	ug/kg	SW846 8270C
Dibenz(a,h)anthracene	ND	330	ug/kg	SW846 8270C
Dibenzofuran	ND	330	ug/kg	SW846 8270C
1,2-Dichlorobenzene	ND	330	ug/kg	SW846 8270C
1,3-Dichlorobenzene	ND	330	ug/kg	SW846 8270C
1,4-Dichlorobenzene	ND	330	ug/kg	SW846 8270C
3,3'-Dichlorobenzidine	ND	1600	ug/kg	SW846 8270C
2,4-Dichlorophenol	ND	330	ug/kg	SW846 8270C
Diethyl phthalate	ND	330	ug/kg	SW846 8270C
2,4-Dimethylphenol	ND	330	ug/kg	SW846 8270C
Dimethyl phthalate	ND	330	ug/kg	SW846 8270C
Di-n-butyl phthalate	ND	330	ug/kg	SW846 8270C
Di-n-octyl phthalate	ND	330	ug/kg	SW846 8270C
2,4-Dinitrophenol	ND	1600	ug/kg	SW846 8270C
4,6-Dinitro-2-methylphenol	ND	1600	ug/kg	SW846 8270C
2,4-Dinitrotoluene	ND	330	ug/kg	SW846 8270C
2,6-Dinitrotoluene	ND	330	ug/kg	SW846 8270C
Fluoranthene	ND	330	ug/kg	SW846 8270C

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: C9D090130 **Work Order #...:** CTKGH103 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Fluorene	ND	330	ug/kg	SW846 8270C
Hexachlorobenzene	ND	330	ug/kg	SW846 8270C
Hexachlorobutadiene	ND	330	ug/kg	SW846 8270C
Hexachlorocyclopentadiene	ND	1600	ug/kg	SW846 8270C
Hexachloroethane	ND	330	ug/kg	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	330	ug/kg	SW846 8270C
Isophorone	ND	330	ug/kg	SW846 8270C
2-Methylnaphthalene	ND	330	ug/kg	SW846 8270C
2-Methylphenol	ND	330	ug/kg	SW846 8270C
Naphthalene	ND	330	ug/kg	SW846 8270C
2-Nitroaniline	ND	1600	ug/kg	SW846 8270C
3-Nitroaniline	ND	1600	ug/kg	SW846 8270C
4-Nitroaniline	ND	1600	ug/kg	SW846 8270C
Nitrobenzene	ND	330	ug/kg	SW846 8270C
2-Nitrophenol	ND	330	ug/kg	SW846 8270C
4-Nitrophenol	ND	1600	ug/kg	SW846 8270C
N-Nitrosodi-n-propylamine	ND	330	ug/kg	SW846 8270C
N-Nitrosodiphenylamine	ND	330	ug/kg	SW846 8270C
2,2'-oxybis(1-Chloropropa	ND	330	ug/kg	SW846 8270C
Pentachlorophenol	ND	1600	ug/kg	SW846 8270C
Phenanthrene	ND	330	ug/kg	SW846 8270C
Phenol	ND	330	ug/kg	SW846 8270C
Pyrene	ND	330	ug/kg	SW846 8270C
1,2,4-Trichlorobenzene	ND	330	ug/kg	SW846 8270C
2,4,5-Trichlorophenol	ND	330	ug/kg	SW846 8270C
2,4,6-Trichlorophenol	ND	330	ug/kg	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	76	(35 - 110)
Terphenyl-d14	72	(23 - 135)
2-Fluorophenol	70	(12 - 103)
2-Fluorobiphenyl	82	(25 - 124)
Phenol-d5	74	(18 - 160)
2,4,6-Tribromophenol	74	(38 - 149)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: C9D090130 **Work Order #...:** CTTE0101 **Matrix.....:** SOLID
MB Lot-Sample #: C9D200000-262

Prep Date.....: 04/20/99
Analysis Date..: 04/23/99 **Prep Batch #...:** 9110262
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Phenol	ND	330	ug/kg	SW846 8041

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4-Dibromophenol	74	(28 - 100)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: C9D090130 **Work Order #...:** CTH12101 **Matrix.....:** SOLID
MB Lot-Sample #: C9D120000-102

Prep Date.....: 04/11/99
Analysis Date..: 04/12/99 **Prep Batch #...:** 9102102
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aroclor 1016	ND	33	ug/kg	SW846 8082
Aroclor 1221	ND	33	ug/kg	SW846 8082
Aroclor 1232	ND	33	ug/kg	SW846 8082
Aroclor 1242	ND	33	ug/kg	SW846 8082
Aroclor 1248	ND	33	ug/kg	SW846 8082
Aroclor 1254	ND	33	ug/kg	SW846 8082
Aroclor 1260	ND	33	ug/kg	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	74	(41 - 130)
Decachlorobiphenyl	92	(50 - 131)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: C9D090130 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: C9D110000-104 **Prep Batch #...:** 9101104						
Mercury	**0.028 B**	**0.10**	**mg/kg**	**SW846 7471A**	**04/11/99**	**CTGXP101**
		Dilution Factor: 1				
MB Lot-Sample #: C9D130000-170 **Prep Batch #...:** 9103170						
Silver	ND	0.50	mg/kg	SW846 6010B	04/13-04/19/99	CTJ7110K
		Dilution Factor: 1				
Arsenic	ND	1.0	mg/kg	SW846 6010B	04/13-04/19/99	CTJ7110L
		Dilution Factor: 1				
Cadmium	ND	0.20	mg/kg	SW846 6010B	04/13-04/19/99	CTJ7110M
		Dilution Factor: 1				
Chromium	**0.080 B**	**0.50**	**mg/kg**	**SW846 6010B**	**04/13-04/19/99**	**CTJ7110N**
		Dilution Factor: 1				
Sodium	ND	500	mg/kg	SW846 6010B	04/13-04/17/99	CTJ7111G
		Dilution Factor: 1				
Lead	ND	0.30	mg/kg	SW846 6010B	04/13-04/19/99	CTJ71101
		Dilution Factor: 1				
Antimony	ND	1.0	mg/kg	SW846 6010B	04/13-04/19/99	CTJ71102
		Dilution Factor: 1				
Selenium	ND	0.50	mg/kg	SW846 6010B	04/13-04/19/99	CTJ71103
		Dilution Factor: 1				
Thallium	ND	1.0	mg/kg	SW846 6010B	04/13-04/19/99	CTJ71104
		Dilution Factor: 1				
Aluminum	ND	20.0	mg/kg	SW846 6010B	04/13-04/17/99	CTJ71105
		Dilution Factor: 1				
Barium	**0.053 B**	**20.0**	**mg/kg**	**SW846 6010B**	**04/13-04/17/99**	**CTJ71106**
		Dilution Factor: 1				
Beryllium	ND	0.50	mg/kg	SW846 6010B	04/13-04/17/99	CTJ71107
		Dilution Factor: 1				
Calcium	**2.8 B**	**500**	**mg/kg**	**SW846 6010B**	**04/13-04/17/99**	**CTJ71108**
		Dilution Factor: 1				

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: C9D090130 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cobalt	ND	5.0 Dilution Factor: 1	mg/kg	SW846 6010B	04/13-04/17/99	CTJ71109
Copper	**0.69 B**	**2.5** Dilution Factor: 1	**mg/kg**	**SW846 6010B**	**04/13-04/17/99**	**CTJ7110A**
Iron	**0.88 B**	**10.0** Dilution Factor: 1	**mg/kg**	**SW846 6010B**	**04/13-04/17/99**	**CTJ7110C**
Magnesium	ND	500 Dilution Factor: 1	mg/kg	SW846 6010B	04/13-04/17/99	CTJ7110E
Manganese	ND	1.5 Dilution Factor: 1	mg/kg	SW846 6010B	04/13-04/17/99	CTJ7110F
Nickel	ND	4.0 Dilution Factor: 1	mg/kg	SW846 6010B	04/13-04/17/99	CTJ7110G
Potassium	ND	500 Dilution Factor: 1	mg/kg	SW846 6010B	04/13-04/17/99	CTJ7110D
Vanadium	ND	5.0 Dilution Factor: 1	mg/kg	SW846 6010B	04/13-04/17/99	CTJ7110H
Zinc	ND	2.0 Dilution Factor: 1	mg/kg	SW846 6010B	04/13-04/17/99	CTJ7110J

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

B Estimated result. Result is less than RL.

METHOD BLANK REPORT

General Chemistry

Client Lot #...: C9D090130 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Cyanide		Work Order #: CTHE9101		MB Lot-Sample #: C9D120000-244		
	ND	2.5	mg/kg	SW846 9012A	04/12-04/14/99	9102244
		Dilution Factor: 1				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: C9D090130 **Work Order #...:** CTH6K102 **Matrix.....:** SOLID
LCS Lot-Sample#: C9D120000-183
Prep Date.....: 04/11/99 **Analysis Date..:** 04/11/99
Prep Batch #...: 9102183
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Benzene	**95**	**(66 - 142)**	**SW846 8260B**
Toluene	**104**	**(59 - 139)**	**SW846 8260B**
1,1-Dichloroethene	**94**	**(54 - 139)**	**SW846 8260B**
Trichloroethene	**99**	**(61 - 132)**	**SW846 8260B**
Chlorobenzene	**101**	**(60 - 133)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	97	(80 - 120)
Toluene-d8	105	(81 - 117)
4-Bromofluorobenzene	96	(74 - 121)
Dibromofluoromethane	106	(70 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: C9D090130 **Work Order #...:** CTKGH102 **Matrix.....:** SOLID
LCS Lot-Sample#: C9D140000-173
Prep Date.....: 04/14/99 **Analysis Date..:** 04/15/99
Prep Batch #...: 9104173
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Phenol	**104**	**(34 - 106)**	**SW846 8270C**
2-Chlorophenol	**102**	**(37 - 111)**	**SW846 8270C**
1,4-Dichlorobenzene	**83**	**(31 - 120)**	**SW846 8270C**
N-Nitrosodi-n-propylamine	**101**	**(14 - 155)**	**SW846 8270C**
1,2,4-Trichlorobenzene	**70**	**(37 - 126)**	**SW846 8270C**
4-Chloro-3-methylphenol	**72**	**(42 - 113)**	**SW846 8270C**
Acenaphthene	**82**	**(43 - 128)**	**SW846 8270C**
4-Nitrophenol	**89**	**(34 - 134)**	**SW846 8270C**
2,4-Dinitrotoluene	**79**	**(45 - 134)**	**SW846 8270C**
Pentachlorophenol	**86**	**(25 - 140)**	**SW846 8270C**
Pyrene	**61**	**(49 - 136)**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	86	(35 - 110)
Terphenyl-d14	64	(23 - 135)
2-Fluorobiphenyl	74	(25 - 124)
2-Fluorophenol	82	(12 - 103)
Phenol-d5	106	(18 - 160)
2,4,6-Tribromophenol	125	(38 - 149)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: C9D090130 **Work Order #...:** CTH12102 **Matrix.....:** SOLID
LCS Lot-Sample#: C9D120000-102
Prep Date.....: 04/11/99 **Analysis Date..:** 04/12/99
Prep Batch #...: 9102102
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Aroclor 1016	**96**	**(54 - 115)**	**SW846 8082**
Aroclor 1260	**91**	**(62 - 136)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	92	(41 - 130)
Decachlorobiphenyl	97	(50 - 131)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: C9D090130 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: C9D110000-104 **Prep Batch #...:** 9101104					
Mercury	106	(80 - 120) Dilution Factor: 1	SW846 7471A	04/11/99	CTGXP102
LCS Lot-Sample#: C9D130000-170 **Prep Batch #...:** 9103170					
Lead	99	(80 - 120) Dilution Factor: 1	SW846 6010B	04/13-04/19/99	CTJ7110P
Antimony	107	(80 - 120) Dilution Factor: 1	SW846 6010B	04/13-04/19/99	CTJ7110Q
Selenium	104	(80 - 120) Dilution Factor: 1	SW846 6010B	04/13-04/19/99	CTJ7110R
Thallium	104	(80 - 120) Dilution Factor: 1	SW846 6010B	04/13-04/19/99	CTJ7110T
Aluminum	102	(80 - 120) Dilution Factor: 1	SW846 6010B	04/13-04/17/99	CTJ7110U
Barium	96	(80 - 120) Dilution Factor: 1	SW846 6010B	04/13-04/17/99	CTJ7110V
Beryllium	93	(80 - 120) Dilution Factor: 1	SW846 6010B	04/13-04/17/99	CTJ7110W
Calcium	104	(80 - 120) Dilution Factor: 1	SW846 6010B	04/13-04/17/99	CTJ7110X
Arsenic	103	(80 - 120) Dilution Factor: 1	SW846 6010B	04/13-04/19/99	CTJ7111A
Cadmium	99	(80 - 120) Dilution Factor: 1	SW846 6010B	04/13-04/19/99	CTJ7111C
Chromium	98	(80 - 120) Dilution Factor: 1	SW846 6010B	04/13-04/19/99	CTJ7111D
Sodium	105	(80 - 120) Dilution Factor: 1	SW846 6010B	04/13-04/17/99	CTJ7111H

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: C9D090130 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cobalt	95	(80 - 120) Dilution Factor: 1	SW846 6010B	04/13-04/17/99	CTJ71110
Copper	98	(80 - 120) Dilution Factor: 1	SW846 6010B	04/13-04/17/99	CTJ71111
Iron	104	(80 - 120) Dilution Factor: 1	SW846 6010B	04/13-04/17/99	CTJ71112
Potassium	106	(80 - 120) Dilution Factor: 1	SW846 6010B	04/13-04/17/99	CTJ71113
Magnesium	105	(80 - 120) Dilution Factor: 1	SW846 6010B	04/13-04/17/99	CTJ71114
Manganese	96	(80 - 120) Dilution Factor: 1	SW846 6010B	04/13-04/17/99	CTJ71115
Nickel	95	(80 - 120) Dilution Factor: 1	SW846 6010B	04/13-04/17/99	CTJ71116
Vanadium	98	(80 - 120) Dilution Factor: 1	SW846 6010B	04/13-04/17/99	CTJ71117
Zinc	96	(80 - 120) Dilution Factor: 1	SW846 6010B	04/13-04/17/99	CTJ71118
Silver	100	(80 - 120) Dilution Factor: 1	SW846 6010B	04/13-04/19/99	CTJ71119

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: C9D090130 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Cyanide		Work Order #: CTHE9102	LCS Lot-Sample#: C9D120000-244		
	95	(41 - 159)	SW846 9012A	04/12-04/14/99	9102244
		Dilution Factor: 1			

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...:	C9D090130	**Work Order #...:**	CTFHG111-MS CTFHG112-MSD	**Matrix.....:**	SOLID
MS Lot-Sample #:	C9D090130-001				
Date Sampled...:	04/07/99	**Date Received..:**	04/08/99	**MS Run #.....:**	9102055
Prep Date.....:	04/11/99	**Analysis Date..:**	04/11/99		
Prep Batch #...:	9102183				
Dilution Factor:	1	**% Moisture.....:**	6.6		

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	**95**	**(70 - 130)**			**SW846 8260B**
	105	**(70 - 130)**	**11**	**(0-20)**	**SW846 8260B**
Chlorobenzene	**99**	**(70 - 130)**			**SW846 8260B**
	99	**(70 - 130)**	**0.01**	**(0-17)**	**SW846 8260B**
1,1-Dichloroethene	**94**	**(70 - 130)**			**SW846 8260B**
	98	**(70 - 130)**	**4.3**	**(0-19)**	**SW846 8260B**
Toluene	**93**	**(70 - 130)**			**SW846 8260B**
	107	**(70 - 130)**	**14**	**(0-24)**	**SW846 8260B**
Trichloroethene	**93**	**(70 - 130)**			**SW846 8260B**
	95	**(70 - 130)**	**2.1**	**(0-20)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	89	(57 - 124)
	96	(57 - 124)
Toluene-d8	95	(48 - 145)
	102	(48 - 145)
4-Bromofluorobenzene	92	(35 - 136)
	88	(35 - 136)
Dibromofluoromethane	98	(56 - 137)
	103	(56 - 137)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...:	C9D090130	**Work Order #...:**	CTFWJ102-MS	**Matrix.....:**	SOLID
MS Lot-Sample #:	C9D090181-011		CTFWJ103-MSD		
Date Sampled...:	04/08/99	**Date Received..:**	04/09/99	**MS Run #.....:**	9104043
Prep Date.....:	04/14/99	**Analysis Date..:**	04/16/99		
Prep Batch #...:	9104173				
Dilution Factor:	1	**% Moisture.....:**	34		

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Phenol	**78**	**(15 - 115)**			**SW846 8270C**
	82	**(15 - 115)**	**4.7**	**(0-34)**	**SW846 8270C**
2-Chlorophenol	**78**	**(26 - 111)**			**SW846 8270C**
	85	**(26 - 111)**	**7.9**	**(0-36)**	**SW846 8270C**
1,4-Dichlorobenzene	**73**	**(23 - 120)**			**SW846 8270C**
	73	**(23 - 120)**	**0.50**	**(0-27)**	**SW846 8270C**
N-Nitrosodi-n-propylamine	**90**	**(23 - 159)**			**SW846 8270C**
	94	**(23 - 159)**	**5.0**	**(0-52)**	**SW846 8270C**
1,2,4-Trichlorobenzene	**71**	**(23 - 130)**			**SW846 8270C**
	68	**(23 - 130)**	**3.8**	**(0-52)**	**SW846 8270C**
4-Chloro-3-methylphenol	**70**	**(31 - 121)**			**SW846 8270C**
	71	**(31 - 121)**	**0.92**	**(0-15)**	**SW846 8270C**
Acenaphthene	**87**	**(10 - 198)**			**SW846 8270C**
	89	**(10 - 198)**	**2.6**	**(0-62)**	**SW846 8270C**
4-Nitrophenol	**92**	**(12 - 147)**			**SW846 8270C**
	94	**(12 - 147)**	**2.0**	**(0-68)**	**SW846 8270C**
2,4-Dinitrotoluene	**83**	**(10 - 175)**			**SW846 8270C**
	85	**(10 - 175)**	**1.6**	**(0-56)**	**SW846 8270C**
Pentachlorophenol	**83**	**(10 - 144)**			**SW846 8270C**
	82	**(10 - 144)**	**2.0**	**(0-26)**	**SW846 8270C**
Pyrene	**106**	**(10 - 200)**			**SW846 8270C**
	102	**(10 - 200)**	**2.8**	**(0-55)**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	69	(12 - 103)
	68	(12 - 103)
2-Fluorobiphenyl	82	(25 - 124)
	85	(25 - 124)
Phenol-d5	85	(18 - 160)
	90	(18 - 160)
Nitrobenzene-d5	87	(35 - 110)
	86	(35 - 110)
Terphenyl-d14	85	(23 - 135)
	82	(23 - 135)
2,4,6-Tribromophenol	142	(38 - 149)
	140	(38 - 149)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...:	C9D090130	**Work Order #...:**	CTFRR103-MS	**Matrix.....:**	SOLID
MS Lot-Sample #:	C9D090170-008		CTFRR104-MSD		
Date Sampled...:	03/29/99	**Date Received..:**	04/09/99	**MS Run #.....:**	9102003
Prep Date.....:	04/11/99	**Analysis Date..:**	04/12/99		
Prep Batch #...:	9102102				
Dilution Factor:	1	**% Moisture.....:**	18		

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Aroclor 1016	**81**	**(49 - 138)**			**SW846 8082**
	79	**(49 - 138)**	**1.7**	**(0-24)**	**SW846 8082**
Aroclor 1260	**85**	**(59 - 164)**			**SW846 8082**
	86	**(59 - 164)**	**0.94**	**(0-26)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	78	(41 - 130)
	73	(41 - 130)
Decachlorobiphenyl	90	(50 - 131)
	86	(50 - 131)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

ient Lot #...: C9D090130 **Matrix.....:** SOLID
te Sampled...: 04/07/99 **Date Received..:** 04/08/99

ercnt Moisture: 34

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: C9D090130-001 **Prep Batch #...:** 9101104					
Mercury	133 N	(75 - 125)	SW846 7471A	04/11/99	CTFHG10X
		Dilution Factor: 1			
		MS Run #.....: 9101004			
MS Lot-Sample #: C9D090130-001 **Prep Batch #...:** 9103170					
Silver	103	(75 - 125)	SW846 6010B	04/13-04/19/99	CTFHG11Q
		Dilution Factor: 1			
		MS Run #.....: 9103042			
Arsenic	97	(75 - 125)	SW846 6010B	04/13-04/19/99	CTFHG11R
		Dilution Factor: 1			
		MS Run #.....: 9103042			
Cadmium	103	(75 - 125)	SW846 6010B	04/13-04/19/99	CTFHG11T
		Dilution Factor: 2			
		MS Run #.....: 9103042			
Chromium	187 N	(75 - 125)	SW846 6010B	04/13-04/19/99	CTFHG11U
		Dilution Factor: 1			
		MS Run #.....: 9103042			
Sodium	98	(75 - 125)	SW846 6010B	04/13-04/17/99	CTFHG12P
		Dilution Factor: 1			
		MS Run #.....: 9103042			
Lead	NC	(75 - 125)	SW846 6010B	04/13-04/19/99	CTFHG116
		Dilution Factor: 2			
		MS Run #.....: 9103042			
Antimony	83	(75 - 125)	SW846 6010B	04/13-04/19/99	CTFHG117
		Dilution Factor: 2			
		MS Run #.....: 9103042			
Selenium	99	(75 - 125)	SW846 6010B	04/13-04/19/99	CTFHG118
		Dilution Factor: 2			
		MS Run #.....: 9103042			
Thallium	98	(75 - 125)	SW846 6010B	04/13-04/19/99	CTFHG119
		Dilution Factor: 2			
		MS Run #.....: 9103042			

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

lient Lot #...: C9D090130 **Matrix.....:** SOLID
ate Sampled...: 04/07/99 **Date Received..:** 04/08/99

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Aluminum	NC	(75 - 125)	SW846 6010B	04/13-04/17/99	CTFHG11A
		Dilution Factor: 1			
		MS Run #.....: 9103042			
Barium	112	(75 - 125)	SW846 6010B	04/13-04/17/99	CTFHG11C
		Dilution Factor: 1			
		MS Run #.....: 9103042			
Beryllium	90	(75 - 125)	SW846 6010B	04/13-04/17/99	CTFHG11D
		Dilution Factor: 1			
		MS Run #.....: 9103042			
Calcium	212 N	(75 - 125)	SW846 6010B	04/13-04/17/99	CTFHG11E
		Dilution Factor: 1			
		MS Run #.....: 9103042			
Cobalt	92	(75 - 125)	SW846 6010B	04/13-04/17/99	CTFHG11F
		Dilution Factor: 1			
		MS Run #.....: 9103042			
Copper	NC	(75 - 125)	SW846 6010B	04/13-04/17/99	CTFHG11G
		Dilution Factor: 2			
		MS Run #.....: 9103042			
Iron	NC	(75 - 125)	SW846 6010B	04/13-04/17/99	CTFHG11H
		Dilution Factor: 2			
		MS Run #.....: 9103042			
Magnesium	152 N	(75 - 125)	SW846 6010B	04/13-04/17/99	CTFHG11K
		Dilution Factor: 1			
		MS Run #.....: 9103042			
Manganese	NC	(75 - 125)	SW846 6010B	04/13-04/17/99	CTFHG11L
		Dilution Factor: 2			
		MS Run #.....: 9103042			
Nickel	117	(75 - 125)	SW846 6010B	04/13-04/17/99	CTFHG11M
		Dilution Factor: 1			
		MS Run #.....: 9103042			
Potassium	100	(75 - 125)	SW846 6010B	04/13-04/17/99	CTFHG11J
		Dilution Factor: 1			
		MS Run #.....: 9103042			

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: C9D090130 **Matrix.....:** SOLID
Date Sampled...: 04/07/99 **Date Received..:** 04/08/99

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	102	(75 - 125)	SW846 6010B	04/13-04/17/99	CTFHG11N
		Dilution Factor: 1			
		MS Run #.....: 9103042			
Zinc	NC	(75 - 125)	SW846 6010B	04/13-04/17/99	CTFHG11P
		Dilution Factor: 2			
		MS Run #.....: 9103042			

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Results and reporting limits have been adjusted for dry weight.

NC The recovery and/or RPD were not calculated.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: C9D090130 **Matrix.....:** SOLID
Date Sampled...: 04/07/99 **Date Received..:** 04/08/99

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Cyanide		WO#: CTEE4114-MS/CTEE4115-MSD				MS Lot-Sample #: C9D080168-002	
	46 N	(75 - 125)			SW846 9012A	04/12-04/14/99	9102244
	46 N	(75 - 125)	0.94	(0-20)	SW846 9012A	04/12-04/14/99	9102244

Dilution Factor: 1
MS Run #.....: 9102080

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Results and reporting limits have been adjusted for dry weight.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: C9D090130
Date Sampled...: 04/07/99 **Date Received..:** 04/08/99 **Matrix.....:** SOLID

Percnt Moisture: 34

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Cyanide		Work Order #...: CTFHG113		MS Lot-Sample #: C9D090130-001	
	89	(75 - 125)	SW846 9012A	04/12-04/14/99	9102244

Dilution Factor: 1
MS Run #.....: 9102080

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Results and reporting limits have been adjusted for dry weight.

SAMPLE DUPLICATE EVALUATION REPORT

Metals

Client Lot #...: C9D090130 **Work Order #...:** CTFHG-SMP, CTFHG-DUP **Matrix.....:** SOLID

Date Sampled...: 04/07/99 **Date Received..:** 04/08/99

% Moisture.....: 6.6

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH
Silver						SD Lot-Sample #: C9D090130-001		
	0.74	0.77	mg/kg	4.4	(0-20)	SW846 6010B	04/13-04/19/99	91031
		Dilution Factor: 1						
		Prep Date.....: 9103042			Analysis Date..:		Prep Batch #...:	
Arsenic						SD Lot-Sample #: C9D090130-001		
	11.4	11.1	mg/kg	2.7	(0-20)	SW846 6010B	04/13-04/19/99	91031
		Dilution Factor: 1						
		Prep Date.....: 9103042			Analysis Date..:		Prep Batch #...:	
Cadmium						SD Lot-Sample #: C9D090130-001		
	1.0	1.5	mg/kg	37	(0-20)	SW846 6010B	04/13-04/19/99	91031
		Dilution Factor: 2						
		Prep Date.....: 9103042			Analysis Date..:		Prep Batch #...:	
Chromium						SD Lot-Sample #: C9D090130-001		
	71.0	142	mg/kg	67	(0-20)	SW846 6010B	04/13-04/19/99	91031
		Dilution Factor: 1						
		Prep Date.....: 9103042			Analysis Date..:		Prep Batch #...:	
Sodium						SD Lot-Sample #: C9D090130-001		
	190 B	204	mg/kg	6.7	(0-20)	SW846 6010B	04/13-04/17/99	91031
		Dilution Factor: 1						
		Prep Date.....: 9103042			Analysis Date..:		Prep Batch #...:	
Lead						SD Lot-Sample #: C9D090130-001		
	223	352	mg/kg	45	(0-20)	SW846 6010B	04/13-04/19/99	91031
		Dilution Factor: 2						
		Prep Date.....: 9103042			Analysis Date..:		Prep Batch #...:	
Antimony						SD Lot-Sample #: C9D090130-001		
	4.6	5.3	mg/kg	14	(0-20)	SW846 6010B	04/13-04/19/99	91031
		Dilution Factor: 2						
		Prep Date.....: 9103042			Analysis Date..:		Prep Batch #...:	
Selenium						SD Lot-Sample #: C9D090130-001		
	ND	ND	mg/kg	0	(0-20)	SW846 6010B	04/13-04/19/99	910317
		Dilution Factor: 2						
		Prep Date.....: 9103042			Analysis Date..:		Prep Batch #...:	
Thallium						SD Lot-Sample #: C9D090130-001		
	0.56 B	1.0	mg/kg	56	(0-20)	SW846 6010B	04/13-04/19/99	910317
		Dilution Factor: 2						
		Prep Date.....: 9103042			Analysis Date..:		Prep Batch #...:	

(Continued on next page)

SAMPLE DUPLICATE EVALUATION REPORT

Metals

Lot-Sample #...: C9D090130-000 **Work Order #...:** CTFHG-SMP CTFHG-DUP **Matrix.....:** SOLID

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH
Aluminum						SD Lot-Sample #: C9D090130-001		
	3090	3290	mg/kg	6.3	(0-20)	SW846 6010B	04/13-04/17/99	910317
		Dilution Factor: 1						
		Prep Date.....: 9103042			Analysis Date..:		Prep Batch #...:	
Barium						SD Lot-Sample #: C9D090130-001		
	41.2	125	mg/kg	101	(0-20)	SW846 6010B	04/13-04/17/99	910317
		Dilution Factor: 1						
		Prep Date.....: 9103042			Analysis Date..:		Prep Batch #...:	
Beryllium						SD Lot-Sample #: C9D090130-001		
	0.26 B	0.16	mg/kg	43	(0-20)	SW846 6010B	04/13-04/17/99	910317
		Dilution Factor: 1						
		Prep Date.....: 9103042			Analysis Date..:		Prep Batch #...:	
Calcium						SD Lot-Sample #: C9D090130-001		
	11600	17700	mg/kg	42	(0-20)	SW846 6010B	04/13-04/17/99	910317
		Dilution Factor: 1						
		Prep Date.....: 9103042			Analysis Date..:		Prep Batch #...:	
Cobalt						SD Lot-Sample #: C9D090130-001		
	20.0	31.9	mg/kg	46	(0-20)	SW846 6010B	04/13-04/17/99	910317(
		Dilution Factor: 1						
		Prep Date.....: 9103042			Analysis Date..:		Prep Batch #...:	
Copper						SD Lot-Sample #: C9D090130-001		
	317	512	mg/kg	47	(0-20)	SW846 6010B	04/13-04/17/99	910317(
		Dilution Factor: 2						
		Prep Date.....: 9103042			Analysis Date..:		Prep Batch #...:	
Iron						SD Lot-Sample #: C9D090130-001		
	64400	159000	mg/kg	84	(0-20)	SW846 6010B	04/13-04/17/99	910317(
		Dilution Factor: 2						
		Prep Date.....: 9103042			Analysis Date..:		Prep Batch #...:	
Mercury						SD Lot-Sample #: C9D090130-001		
	0.77	0.99	mg/kg	25	(0-20)	SW846 7471A	04/11/99	9101104
		Dilution Factor: 1						
		Prep Date.....: 9101004			Analysis Date..:		Prep Batch #...:	
Potassium						SD Lot-Sample #: C9D090130-001		
	286 B	295	mg/kg	2.9	(0-20)	SW846 6010B	04/13-04/17/99	9103170
		Dilution Factor: 1						
		Prep Date.....: 9103042			Analysis Date..:		Prep Batch #...:	

(Continued on next page)

SAMPLE DUPLICATE EVALUATION REPORT

Metals

Lot-Sample #...: C9D090130-000 **Work Order #...:** CTFHG-SMP CTFHG-DUP **Matrix.....:** SOLID

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH
Magnesium						SD Lot-Sample #: C9D090130-001		
	6910	9500	mg/kg	32	(0-20)	SW846 6010B	04/13-04/17/99	910317
		Dilution Factor: 1						
		Prep Date.....: 9103042			Analysis Date..:		Prep Batch #...:	
Manganese						SD Lot-Sample #: C9D090130-001		
	1160	1610	mg/kg	32	(0-20)	SW846 6010B	04/13-04/17/99	910317
		Dilution Factor: 2						
		Prep Date.....: 9103042			Analysis Date..:		Prep Batch #...:	
Nickel						SD Lot-Sample #: C9D090130-001		
	84.5	220	mg/kg	89	(0-20)	SW846 6010B	04/13-04/17/99	910317
		Dilution Factor: 1						
		Prep Date.....: 9103042			Analysis Date..:		Prep Batch #...:	
Vanadium						SD Lot-Sample #: C9D090130-001		
	15.8	22.0	mg/kg	33	(0-20)	SW846 6010B	04/13-04/17/99	910317
		Dilution Factor: 1						
		Prep Date.....: 9103042			Analysis Date..:		Prep Batch #...:	
Zinc						SD Lot-Sample #: C9D090130-001		
	474	530	mg/kg	11	(0-20)	SW846 6010B	04/13-04/17/99	910317(
		Dilution Factor: 2						
		Prep Date.....: 9103042			Analysis Date..:		Prep Batch #...:	

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: C9D090130 **Work Order #...:** CTFHG-SMP CTFHG-DUP **Matrix.....:** SOLID

Date Sampled...: 04/07/99 **Date Received..:** 04/08/99

% Moisture.....: 6.6

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH
Total Cyanide						SD Lot-Sample #: C9D090130-001		
	ND	ND	mg/kg	0	(0-35)	SW846 9012A	04/12-04/14/99	910224

Dilution Factor: 1

Prep Date.....: 9102080 Analysis Date..: Prep Batch #...:

Attachment 2

3BL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists
6723 Towpath Road, P.O. Box 66
Syracuse, New York 13214-0066
TEL: (315) 446-9120

PLEASE SEND LAB REPORT TO.
BRUCE EULIAN
Blasland, Bouck & Lee, Inc.
C/O GENERAL ELECTRIC CO
100 WOODLAWN AVE
PITTSFIELD, MA 01201

CHAIN OF CUSTODY RECORD

PROJECT NO. 201.81.001

PROJECT NAME Phone Line Installation Beneath Security Gate South of 64 scale

LAB ID	CUSTODY TAPE NUMBER	DATE	TIME	COMP.	GRAB	SAMPLE TYPE: SOLID	SAMPLE TYPE: WIPE	SAMPLE TYPE: WATER	Number of Containers	PCBs	VOC	SVOC	TOTAL METALS	RCRA	Cyanide	MS/MSD	REMARKS
12-STS-45636-1		4/7/99	0957	X		X			8	X	X	X	X	X	X	X	EXTRA VOLUME FOR MS/MSD
TEMP BLANK																	STANDARD TURN-AROUND TIME PLEASE
																	PLEASE Fax Results To: Jeff Nicholson (GE) @ 413-494-6707
																	P.O.# A896-014671

Sampled by: (Signature) Alexander S Marcum	DATE 4/7/99	TIME	**Received by:** (Signature)	**Relinquished by:** (Signature)	DATE	TIME	**Received by:** (Signature)			
Relinquished by: (Signature) Alexander S Marcum	DATE 4/7/99	TIME 1700	**Received by:** (Signature)	**Relinquished by:** (Signature)	DATE	TIME	**Received by:** (Signature)			
Relinquished by: (Signature)	DATE	TIME	**Received for Laboratory by:** (Signature)	DATE	TIME	**Remarks:** SENT TO QUANTERRA ENVIRONMENTAL VIA FED EX #809219532068				

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

REQUEST FOR SAMPLING

TO: Files
FROM: Bruce Eulian
RE: Truck Scale Relocation Soil Piles
Bldg 64 Parking Lot

DATE: June 9, 1999
FILE NO.: 201.94.05

INITIATOR: Aimee Cole (GEC)

DATE: 4/7/99

LOCATION: Bldg 14SS

CONTACT PERSON: Aimee Cole (GEC) **EXT:** 2534

ITEM DESCRIPTION:

1.) Soil

PURPOSE: To collect samples at G.E.'s request for disposal classification of the soil placed in building 64 parking lot which originated from the truck scale relocation

NOTES: See attached sample request letter from Aimee Cole (GEC) to Bruce Eulian (BBL) dated April 7, 1999.

1.) Eight (8) discrete-grab samples are to be collected for PCBs analysis

2.) One (1) composite sample is to be collected for VOC, SVOC, Total Metals, Phenol, and Cyanide analysis

3.) GE requests that the samples collected be analyzed by Quanterra Environmental Services - Pittsburgh, PA. under P O. # A897-031615.

jh
June 9 1999
C:\WPWIN\insum99\1913_64pl_truck_scale cov wpd (c)

SAMPLING REQUEST

DATE: APRIL 7, 1999

TO: B. Eulian - BBL cc by e-mail: Nicholson - GE

FROM: A. Cole - GEC AC
Requestor: J. Levesque - GE

RE: TRUCK SCALE RELOCATION

Environmental operations is planning on relocating the truck scale to the 64 parking lot off of East St. The installation will require 5 excavations of about 3 yards apiece. Please check with John Levesque for the timing of this sampling. It should follow the installation of the scale scheduled to be done in the next couple of weeks.

Take a minimum of 3 discrete samples in each pile for PCB analysis (method 8082). Please take a composite sample from each of the piles which will be covered with poly for other area 2 constituents. This includes VOC (method 5035), SVOC (method 8270), Total metals (method 6010), Phenol (method 8040) and Cyanide (method 9010).

Note: Combine to 25 yards - do 3 discrete PCB composite piles for A2 Constituents. A.C. 4/22/99

BBL Project number: Residential remediation support
Lab & PO# : Quanterra A897-031615 ***Turnaround:*** standard
Fax copy to: J. Nicholson
Final Copy to: A. Cole
Invoice to: J. Levesque

Please provide a COC to Jeff Nicholson in the GE lab.

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

SAMPLING PROGRAM FIELD SUMMARY

TO: Files
FROM: Bruce Eulian
RE: Truck Scale Relocation Soil Piles
Bldg. 64 Parking Lot

DATE: June 9, 1999
FILE NO.: 201.94.05
cc: Bill Fessler (GE)

The following is a summary of the sampling program conducted 4/22/99 on the soil placed in the building 64 parking lot The soil originated from the Truck Scale Relocation.

At the request of J Levesque (GE) the following sampling program was implemented·

- Eight (8) discrete-grab samples were collected for PCBs analysis
- One (1) composite sample was collected for VOC, SVOC, Total Metals, Phenol, and Cyanide analysis.

Notes:

The soil piles were approximately 28 cubic yards (all piles combined).
The samples were collected using 2" O.D Lexan® tubes.

A summary table of the sampling program has been included (Table 1), along with drawings showing the site location (Figure 1) and sample locations (Figure 2). Analytical results provided by Quanterra, Inc - Pittsburgh, PA. (Attachment 1) and a copy of the chain of custody that accompanied the samples (Attachment 2) have also been included.

jh
June 9 1999
C:\WPWIN\insum99\1913_64pl_truck_scale sum wpd (c)

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

Truck Scale Relocation Soil Piles
Bldg. 64 Parking LOt

(201.94.05)

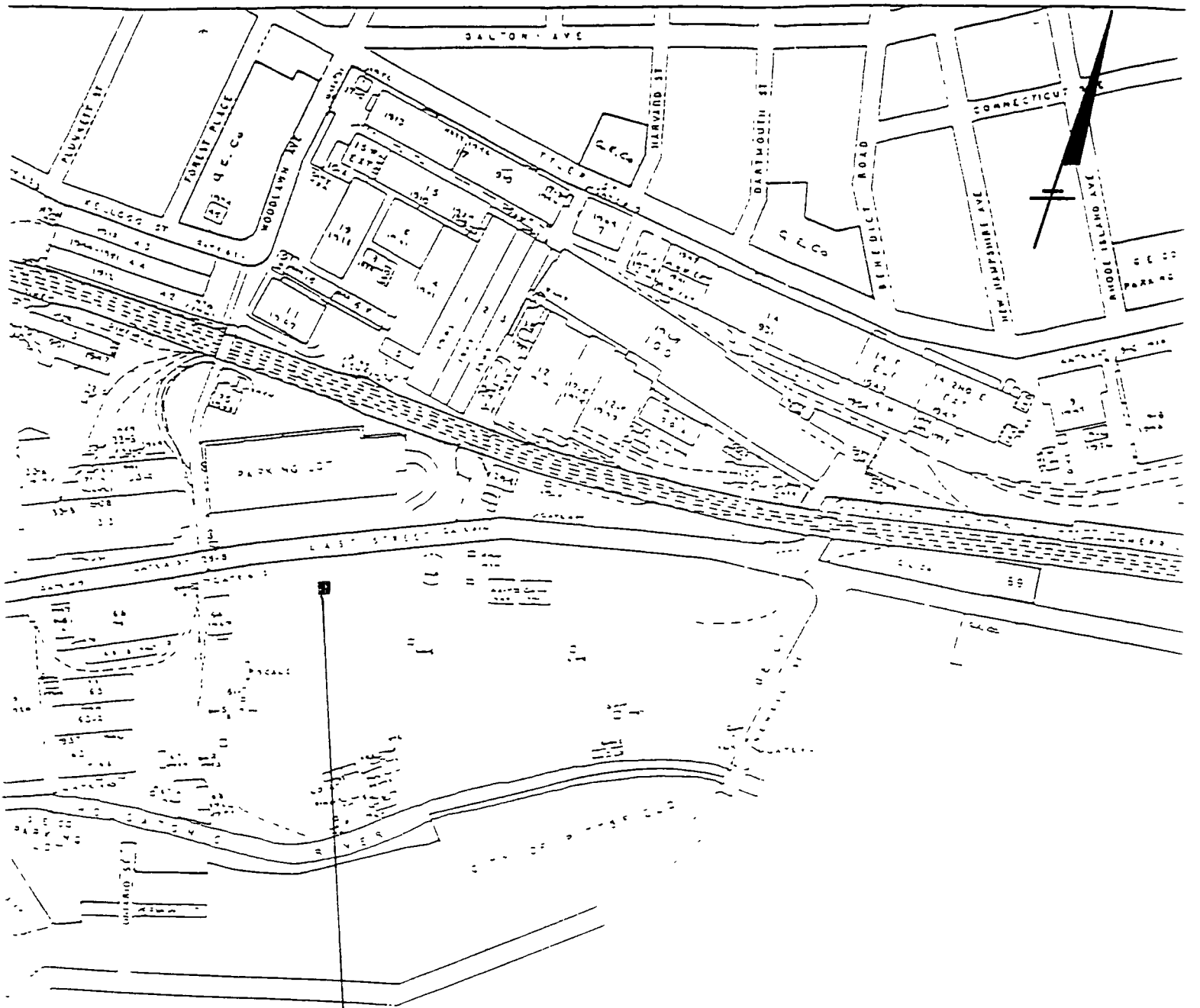
Table 1

LAB ID	SAMPLE DATE	PCBs (ppm)	VOC, SVOC, TOTAL METALS, PHENOL, CYANIDE	SAMPLE MATERIAL	SAMPLE TYPE	SAMPLE LOCATION	SEE FIGURE
TSR-C1	4-12-99	1 9	N/A	SOIL	DISCRETE-GRAB	1	2
TSR-C2	4-12-99	1 5	N/A	SOIL	DISCRETE-GRAB	2	2
TSR-C3	4-12-99	1 5	N/A	SOIL	DISCRETE-GRAB	3	2
TSR-C4	4-12-99	2 4	N/A	SOIL	DISCRETE-GRAB	4	2
TSR-C5	4-12-99	1 9	N/A	SOIL	DISCRETE-GRAB	5	2
TSR-C6	4-12-99	2.1	N/A	SOIL	DISCRETE-GRAB	6, 7, 8	2
TSR-C7	4-12-99	2 1	N/A	SOIL	DISCRETE-GRAB	9, 10, 11	2
TSR-C8	4-12-99	1 7	N/A	SOIL	DISCRETE-GRAB	12, 13, 14	2
TSR-C9	4-12-99	N/A	SEE RESULTS	SOIL	FIELD-COMPOSITE	1 - 14	2
TSR-C10	4-12-99	N/A	SEE RESULTS	SOIL	FIELD-COMPOSITE	1 - 14	2

Notes:

The soil piles were approximately 28 cubic yards (all piles combined)
The samples were collected using 2" O D Lexan® tubes

FIGURE 1



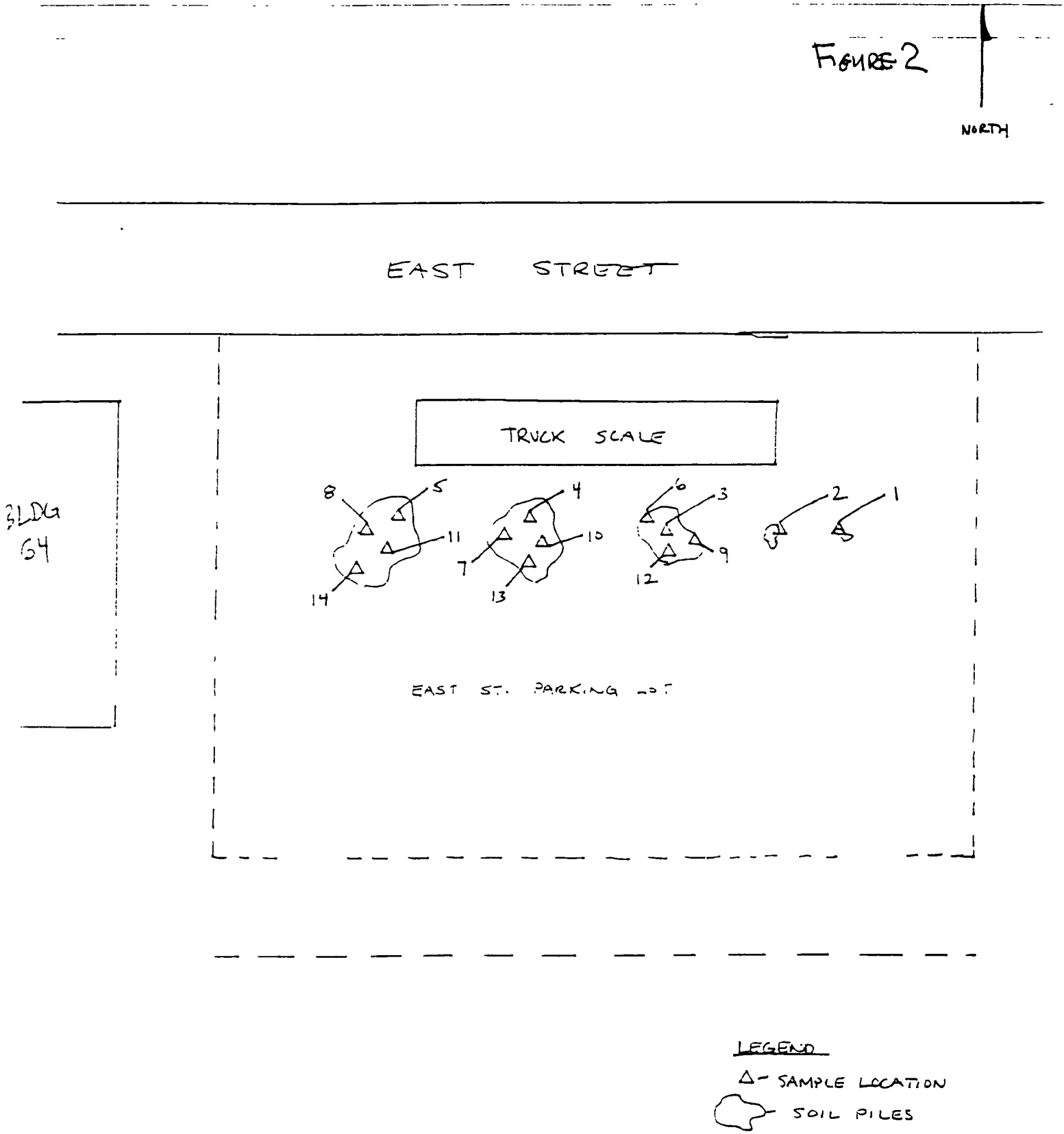
TRUCK SCALE RELOCATION
SOIL PILES SAMPLING -
BLDG 64 PARKING LOT

(201.94.05)

BLASLAND, BOUCK & LEE
ENGINEERS & GEOSCIENTISTS

SUBJECT	PROJ. NO	BY	DATE	SHEET
TRUCK SCALE RELOCATION EAST ST. PARKING LOT SOIL PILES	201.94.05	BWK	4/22/99	1

FIGURE 2



LEGEND

Δ- SAMPLE LOCATION

SOIL PILES

** NOTE: ALL SOIL PILES WERE COMBINED FOR 28 yd^3.

Attachment 1

Truck Scale Relocation Soil Samples
Information sent from V Bortot in emal format

C9d23125

B. Eulian

Quanterra #	Sample #	Sample Type	Date	SDG #	CAS #	Parameter	Amount	Qualifier Code	Units	Reporting Limit	Method
C9D230125001	TSR-C1	SOIL	04/22/1999	BBL772	Q1082	Percent Solids	94 4		%		MCAWW 160.3 MODIFIED
C9D230125001	TSR-C1	SOIL	04/22/1999	BBL772	11096-82-5	Aroclor 1260	190		ug/kg	35	SW846 8082
C9D230125001	TSR-C1	SOIL	04/22/1999	BBL772	11097-69-1	Aroclor 1254	35	U	ug/kg	35	SW846 8082
C9D230125001	TSR-C1	SOIL	04/22/1999	BBL772	11104-28-2	Aroclor 1221	35	U	ug/kg	35	SW846 8082
C9D230125001	TSR-C1	SOIL	04/22/1999	BBL772	11141-16-5	Aroclor 1232	35	U	ug/kg	35	SW846 8082
C9D230125001	TSR-C1	SOIL	04/22/1999	BBL772	12672-29-6	Aroclor 1248	35	U	ug/kg	35	SW846 8082
C9D230125001	TSR-C1	SOIL	04/22/1999	BBL772	12674-11-2	Aroclor 1016	35	U	ug/kg	35	SW846 8082
C9D230125001	TSR-C1	SOIL	04/22/1999	BBL772	2051-24-3	Decachlorobiphenyl	98		PERCENT		SW846 8082
C9D230125001	TSR-C1	SOIL	04/22/1999	BBL772	53469-21-9	Aroclor 1242	35	U	ug/kg	35	SW846 8082
C9D230125001	TSR-C1	SOIL	04/22/1999	BBL772	877-09-8	Tetrachloro-m-xylene	100		PERCENT		SW846 8082
C9D230125001D	TSR-C1	SOIL	04/22/1999	BBL772	11096-82-5	Aroclor 1260	70		PERCEN	35	SW846 8082
C9D230125001D	TSR-C1	SOIL	04/22/1999	BBL772	12674-11-2	Aroclor 1016	86		PERCEN	35	SW846 8082
C9D230125001D	TSR-C1	SOIL	04/22/1999	BBL772	2051-24-3	Decachlorobiphenyl	97		PERCENT		SW846 8082
C9D230125001D	TSR-C1	SOIL	04/22/1999	BBL772	877-09-8	Tetrachloro-m-xylene	94		PERCENT		SW846 8082
C9D230125001S	TSR-C1	SOIL	04/22/1999	BBL772	11096-82-5	Aroclor 1260	70		PERCEN	35	SW846 8082
C9D230125001S	TSR-C1	SOIL	04/22/1999	BBL772	12674-11-2	Aroclor 1016	89		PERCEN	35	SW846 8082
C9D230125001S	TSR-C1	SOIL	04/22/1999	BBL772	2051-24-3	Decachlorobiphenyl	99		PERCENT		SW846 8082
C9D230125001S	TSR-C1	SOIL	04/22/1999	BBL772	877-09-8	Tetrachloro-m-xylene	94		PERCENT		SW846 8082
C9D230125001X	TSR-C1 DUP	SOIL	04/22/1999	BBL772	Q1082	Percent Solids	94 4		%		MCAWW 160.3 MODIFIED
C9D230125002	TSR-C2	SOIL	04/22/1999	BBL772	Q1082	Percent Solids	92 9		%		MCAWW 160.3 MODIFIED
C9D230125002	TSR-C2	SOIL	04/22/1999	BBL772	11096-82-5	Aroclor 1260	150		ug/kg	36	SW846 8082
C9D230125002	TSR-C2	SOIL	04/22/1999	BBL772	11097-69-1	Aroclor 1254	36	U	ug/kg	36	SW846 8082
C9D230125002	TSR-C2	SOIL	04/22/1999	BBL772	11104-28-2	Aroclor 1221	36	U	ug/kg	36	SW846 8082
C9D230125002	TSR-C2	SOIL	04/22/1999	BBL772	11141-16-5	Aroclor 1232	36	U	ug/kg	36	SW846 8082
C9D230125002	TSR-C2	SOIL	04/22/1999	BBL772	12672-29-6	Aroclor 1248	36	U	ug/kg	36	SW846 8082
C9D230125002	TSR-C2	SOIL	04/22/1999	BBL772	12674-11-2	Aroclor 1016	36	U	ug/kg	36	SW846 8082
C9D230125002	TSR-C2	SOIL	04/22/1999	BBL772	2051-24-3	Decachlorobiphenyl	92		PERCENT		SW846 8082
C9D230125002	TSR-C2	SOIL	04/22/1999	BBL772	53469-21-9	Aroclor 1242	36	U	ug/kg	36	SW846 8082
C9D230125002	TSR-C2	SOIL	04/22/1999	BBL772	877-09-8	Tetrachloro-m-xylene	92		PERCENT		SW846 8082
C9D230125003	TSR-C3	SOIL	04/22/1999	BBL772	Q1082	Percent Solids	95 4		%		MCAWW 160.3 MODIFIED
C9D230125003	TSR-C3	SOIL	04/22/1999	BBL772	11096-82-5	Aroclor 1260	150		ug/kg	35	SW846 8082
C9D230125003	TSR-C3	SOIL	04/22/1999	BBL772	11097-69-1	Aroclor 1254	35	U	ug/kg	35	SW846 8082
C9D230125003	TSR-C3	SOIL	04/22/1999	BBL772	11104-28-2	Aroclor 1221	35	U	ug/kg	35	SW846 8082
C9D230125003	TSR-C3	SOIL	04/22/1999	BBL772	11141-16-5	Aroclor 1232	35	U	ug/kg	35	SW846 8082
C9D230125003	TSR-C3	SOIL	04/22/1999	BBL772	12672-29-6	Aroclor 1248	35	U	ug/kg	35	SW846 8082
C9D230125003	TSR-C3	SOIL	04/22/1999	BBL772	12674-11-2	Aroclor 1016	35	U	ug/kg	35	SW846 8082
C9D230125003	TSR-C3	SOIL	04/22/1999	BBL772	2051-24-3	Decachlorobiphenyl	98		PERCENT		SW846 8082
C9D230125003	TSR-C3	SOIL	04/22/1999	BBL772	53469-21-9	Aroclor 1242	35	U	ug/kg	35	SW846 8082
C9D230125003	TSR-C3	SOIL	04/22/1999	BBL772	877-09-8	Tetrachloro-m-xylene	100		PERCENT		SW846 8082
C9D230125004	TSR-C4	SOIL	04/22/1999	BBL772	Q1082	Percent Solids	93 2		%		MCAWW 160.3 MODIFIED
C9D230125004	TSR-C4	SOIL	04/22/1999	BBL772	11096-82-5	Aroclor 1260	240		ug/kg	35	SW846 8082
C9D230125004	TSR-C4	SOIL	04/22/1999	BBL772	11097-69-1	Aroclor 1254	35	U	ug/kg	35	SW846 8082
C9D230125004	TSR-C4	SOIL	04/22/1999	BBL772	11104-28-2	Aroclor 1221	35	U	ug/kg	35	SW846 8082
C9D230125004	TSR-C4	SOIL	04/22/1999	BBL772	11141-16-5	Aroclor 1232	35	U	ug/kg	35	SW846 8082
C9D230125004	TSR-C4	SOIL	04/22/1999	BBL772	12672-29-6	Aroclor 1248	35	U	ug/kg	35	SW846 8082

Truck Scale Relocation Soil Samples
Information sent from V Bortot in emal format

C9d23125

Quanterra #	Sample #	Sample Type	Date	SDG #	CAS #	Parameter	Amount	Qualifier Code	Units	Reporting Limit	Method
C9D230125004	TSR-C4	SOIL	04/22/1999	BBL772	12674-11-2	Aroclor 1016	35	U	ug/kg	35	SW846 8082
C9D230125004	TSR-C4	SOIL	04/22/1999	BBL772	2051-24-3	Decachlorobiphenyl	98		PERCENT		SW846 8082
C9D230125004	TSR-C4	SOIL	04/22/1999	BBL772	53469-21-9	Aroclor 1242	35	U	ug/kg	35	SW846 8082
C9D230125004	TSR-C4	SOIL	04/22/1999	BBL772	877-09-8	Tetrachloro-m-xylene	91		PERCENT		SW846 8082
C9D230125005	TSR-C5	SOIL	04/22/1999	BBL772	Q1082	Percent Solids	94 7		%		MCAWW 160 3 MODIFIED
C9D230125005	TSR-C5	SOIL	04/22/1999	BBL772	11096-82-5	Aroclor 1260	190		ug/kg	35	SW846 8082
C9D230125005	TSR-C5	SOIL	04/22/1999	BBL772	11097-69-1	Aroclor 1254	35	U	ug/kg	35	SW846 8082
C9D230125005	TSR-C5	SOIL	04/22/1999	BBL772	11104-28-2	Aroclor 1221	35	U	ug/kg	35	SW846 8082
C9D230125005	TSR-C5	SOIL	04/22/1999	BBL772	11141-16-5	Aroclor 1232	35	U	ug/kg	35	SW846 8082
C9D230125005	TSR-C5	SOIL	04/22/1999	BBL772	12672-29-6	Aroclor 1248	35	U	ug/kg	35	SW846 8082
C9D230125005	TSR-C5	SOIL	04/22/1999	BBL772	12674-11-2	Aroclor 1016	35	U	ug/kg	35	SW846 8082
C9D230125005	TSR-C5	SOIL	04/22/1999	BBL772	2051-24-3	Decachlorobiphenyl	96		PERCENT		SW846 8082
C9D230125005	TSR-C5	SOIL	04/22/1999	BBL772	53469-21-9	Aroclor 1242	35	U	ug/kg	35	SW846 8082
C9D230125005	TSR-C5	SOIL	04/22/1999	BBL772	877-09-8	Tetrachloro-m-xylene	89		PERCENT		SW846 8082
C9D230125006	TSR-C6	SOIL	04/22/1999	BBL772	Q1082	Percent Solids	94 7		%		MCAWW 160 3 MODIFIED
C9D230125006	TSR-C6	SOIL	04/22/1999	BBL772	11096-82-5	Aroclor 1260	210		ug/kg	35	SW846 8082
C9D230125006	TSR-C6	SOIL	04/22/1999	BBL772	11097-69-1	Aroclor 1254	35	U	ug/kg	35	SW846 8082
C9D230125006	TSR-C6	SOIL	04/22/1999	BBL772	11104-28-2	Aroclor 1221	35	U	ug/kg	35	SW846 8082
C9D230125006	TSR-C6	SOIL	04/22/1999	BBL772	11141-16-5	Aroclor 1232	35	U	ug/kg	35	SW846 8082
C9D230125006	TSR-C6	SOIL	04/22/1999	BBL772	12672-29-6	Aroclor 1248	35	U	ug/kg	35	SW846 8082
C9D230125006	TSR-C6	SOIL	04/22/1999	BBL772	12674-11-2	Aroclor 1016	35	U	ug/kg	35	SW846 8082
C9D230125006	TSR-C6	SOIL	04/22/1999	BBL772	2051-24-3	Decachlorobiphenyl	93		PERCENT		SW846 8082
C9D230125006	TSR-C6	SOIL	04/22/1999	BBL772	53469-21-9	Aroclor 1242	35	U	ug/kg	35	SW846 8082
C9D230125006	TSR-C6	SOIL	04/22/1999	BBL772	877-09-8	Tetrachloro-m-xylene	85		PERCENT		SW846 8082
C9D230125007	TSR-C7	SOIL	04/22/1999	BBL772	Q1082	Percent Solids	93 7		%		MCAWW 160 3 MODIFIED
C9D230125007	TSR-C7	SOIL	04/22/1999	BBL772	11096-82-5	Aroclor 1260	210		ug/kg	35	SW846 8082
C9D230125007	TSR-C7	SOIL	04/22/1999	BBL772	11097-69-1	Aroclor 1254	35	U	ug/kg	35	SW846 8082
C9D230125007	TSR-C7	SOIL	04/22/1999	BBL772	11104-28-2	Aroclor 1221	35	U	ug/kg	35	SW846 8082
C9D230125007	TSR-C7	SOIL	04/22/1999	BBL772	11141-16-5	Aroclor 1232	35	U	ug/kg	35	SW846 8082
C9D230125007	TSR-C7	SOIL	04/22/1999	BBL772	12672-29-6	Aroclor 1248	35	U	ug/kg	35	SW846 8082
C9D230125007	TSR-C7	SOIL	04/22/1999	BBL772	12674-11-2	Aroclor 1016	35	U	ug/kg	35	SW846 8082
C9D230125007	TSR-C7	SOIL	04/22/1999	BBL772	2051-24-3	Decachlorobiphenyl	97		PERCENT		SW846 8082
C9D230125007	TSR-C7	SOIL	04/22/1999	BBL772	53469-21-9	Aroclor 1242	35	U	ug/kg	35	SW846 8082
C9D230125007	TSR-C7	SOIL	04/22/1999	BBL772	877-09-8	Tetrachloro-m-xylene	92		PERCENT		SW846 8082
C9D230125008	TSR-C8	SOIL	04/22/1999	BBL772	Q1082	Percent Solids	94 2		%		MCAWW 160 3 MODIFIED
C9D230125008	TSR-C8	SOIL	04/22/1999	BBL772	11096-82-5	Aroclor 1260	170		ug/kg	35	SW846 8082
C9D230125008	TSR-C8	SOIL	04/22/1999	BBL772	11097-69-1	Aroclor 1254	35	U	ug/kg	35	SW846 8082
C9D230125008	TSR-C8	SOIL	04/22/1999	BBL772	11104-28-2	Aroclor 1221	35	U	ug/kg	35	SW846 8082
C9D230125008	TSR-C8	SOIL	04/22/1999	BBL772	11141-16-5	Aroclor 1232	35	U	ug/kg	35	SW846 8082
C9D230125008	TSR-C8	SOIL	04/22/1999	BBL772	12672-29-6	Aroclor 1248	35	U	ug/kg	35	SW846 8082
C9D230125008	TSR-C8	SOIL	04/22/1999	BBL772	12674-11-2	Aroclor 1016	35	U	ug/kg	35	SW846 8082
C9D230125008	TSR-C8	SOIL	04/22/1999	BBL772	2051-24-3	Decachlorobiphenyl	99		PERCENT		SW846 8082
C9D230125008	TSR-C8	SOIL	04/22/1999	BBL772	53469-21-9	Aroclor 1242	35	U	ug/kg	35	SW846 8082
C9D230125008	TSR-C8	SOIL	04/22/1999	BBL772	877-09-8	Tetrachloro-m-xylene	85		PERCENT		SW846 8082

Truck Scale Relocation Soil Samples
Information sent from V Bortot in emal format

Quanterra #	Sample #	Sample Type	Date	SDG #	CAS #	Parameter	Amount	Qualifier Code	Units	Reporting Limit	Method
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	100-01-6	4-Nitroaniline	1700	U	ug/kg	1700	SW846 8270C
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	100-02-7	4-Nitrophenol	1700	U	ug/kg	1700	SW846 8270C
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	101-55-3	4-Bromophenyl phenyl ether	350	U	ug/kg	350	SW846 8270C
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	105-67-9	2,4-Dimethylphenol	350	U	ug/kg	350	SW846 8270C
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	106-46-7	1,4-Dichlorobenzene	350	U	ug/kg	350	SW846 8270C
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	106-47-8	4-Chloroaniline	350	U	ug/kg	350	SW846 8270C
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	108-60-1	2,2'-oxybis(1-Chloropropane)	350	U	ug/kg	350	SW846 8270C
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	108-95-2	Phenol	350	U	ug/kg	350	SW846 8270C
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	111-44-4	bis(2-Chloroethyl) ether	350	U	ug/kg	350	SW846 8270C
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	111-91-1	bis(2-Chloroethoxy)methane	350	U	ug/kg	350	SW846 8270C
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	117-81-7	bis(2-Ethylhexyl) phthalate	350	U	ug/kg	350	SW846 8270C
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	117-84-0	Di-n-octyl phthalate	350	U	ug/kg	350	SW846 8270C
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	118-74-1	Hexachlorobenzene	350	U	ug/kg	350	SW846 8270C
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	118-79-6	2,4,6-Tribromophenol	100		PERCENT		SW846 8270C
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	120-12-7	Anthracene	350	U	ug/kg	350	SW846 8270C
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	120-82-1	1,2,4-Trichlorobenzene	350	U	ug/kg	350	SW846 8270C
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	120-83-2	2,4-Dichlorophenol	350	U	ug/kg	350	SW846 8270C
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	121-14-2	2,4-Dinitrotoluene	350	U	ug/kg	350	SW846 8270C
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	129-00-0	Pyrene	350	U	ug/kg	350	SW846 8270C
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	131-11-3	Dimethyl phthalate	350	U	ug/kg	350	SW846 8270C
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	132-64-9	Dibenzofuran	350	U	ug/kg	350	SW846 8270C
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	1718-51-0	Terphenyl-d14	71		PERCENT		SW846 8270C
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	191-24-2	Benzo(ghi)perylene	350	U	ug/kg	350	SW846 8270C
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	193-39-5	Indeno(1,2,3-cd)pyrene	37	J	ug/kg	350	SW846 8270C
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	205-99-2	Benzo(b)fluoranthene	350	U	ug/kg	350	SW846 8270C
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	206-44-0	Fluoranthene	350	U	ug/kg	350	SW846 8270C
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	207-08-9	Benzo(k)fluoranthene	350	U	ug/kg	350	SW846 8270C
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	208-96-8	Acenaphthylene	350	U	ug/kg	350	SW846 8270C
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	218-01-9	Chrysene	350	U	ug/kg	350	SW846 8270C
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	321-60-8	2-Fluorobiphenyl	107		PERCENT		SW846 8270C
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	367-12-4	2-Fluorophenol	88		PERCENT		SW846 8270C
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	4165-60-0	Nitrobenzene-d5	92		PERCENT		SW846 8270C
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	4165-62-2	Phenol-d5	91		PERCENT		SW846 8270C
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	50-32-8	Benzo(a)pyrene	350	U	ug/kg	350	SW846 8270C
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	51-28-5	2,4-Dinitrophenol	1700	U	ug/kg	1700	SW846 8270C
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	534-52-1	4,6-Dinitro-2-methylphenol	1700	U	ug/kg	1700	SW846 8270C
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	53-70-3	Dibenz(a,h)anthracene	350	U	ug/kg	350	SW846 8270C
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	541-73-1	1,3-Dichlorobenzene	350	U	ug/kg	350	SW846 8270C
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	56-55-3	Benzo(a)anthracene	350	U	ug/kg	350	SW846 8270C
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	59-50-7	4-Chloro-3-methylphenol	350	U	ug/kg	350	SW846 8270C
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	606-20-2	2,6-Dinitrotoluene	350	U	ug/kg	350	SW846 8270C
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	621-64-7	N-Nitrosodi-n-propylamine	350	U	ug/kg	350	SW846 8270C
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	65794-96-9	3-Methylphenol & 4-Methylpheno	350	U	ug/kg	350	SW846 8270C
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	67-72-1	Hexachloroethane	350	U	ug/kg	350	SW846 8270C
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	7005-72-3	4-Chlorophenyl phenyl ether	350	U	ug/kg	350	SW846 8270C
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	77-47-4	Hexachlorocyclopentadiene	1700	U	ug/kg	1700	SW846 8270C
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	78-59-1	Isophorone	350	U	ug/kg	350	SW846 8270C

Truck Scale Relocation Soil Samples

Information sent from V. Bortot in email format

C9d23125

Quanterra #	Sample #	Sample Type	Date	SDG #	CAS #	Parameter	Amount	Qualifier Code	Units	Reporting Limit	Method
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	83-32-9	Acenaphthene	350	U	ug/kg	350	SW846 8270C
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	84-66-2	Diethyl phthalate	350	U	ug/kg	350	SW846 8270C
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	84-74-2	Di-n-butyl phthalate	350	U	ug/kg	350	SW846 8270C
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	85-01-8	Phenanthrene	350	U	ug/kg	350	SW846 8270C
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	85-68-7	Butyl benzyl phthalate	350	U	ug/kg	350	SW846 8270C
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	86-30-6	N-Nitrosodiphenylamine	350	U	ug/kg	350	SW846 8270C
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	86-73-7	Fluorene	350	U	ug/kg	350	SW846 8270C
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	86-74-8	Carbazole	350	U	ug/kg	350	SW846 8270C
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	87-68-3	Hexachlorobutadiene	350	U	ug/kg	350	SW846 8270C
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	87-86-5	Pentachlorophenol	1700	U	ug/kg	1700	SW846 8270C
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	88-06-2	2,4,6-Trichlorophenol	350	U	ug/kg	350	SW846 8270C
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	88-74-4	2-Nitroaniline	1700	U	ug/kg	1700	SW846 8270C
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	88-75-5	2-Nitrophenol	350	U	ug/kg	350	SW846 8270C
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	91-20-3	Naphthalene	350	U	ug/kg	350	SW846 8270C
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	91-57-6	2-Methylnaphthalene	350	U	ug/kg	350	SW846 8270C
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	91-58-7	2-Chloronaphthalene	350	U	ug/kg	350	SW846 8270C
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	91-94-1	3,3'-Dichlorobenzidine	1700	U	ug/kg	1700	SW846 8270C
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	95-48-7	2-Methylphenol	350	U	ug/kg	350	SW846 8270C
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	95-50-1	1,2-Dichlorobenzene	350	U	ug/kg	350	SW846 8270C
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	95-57-8	2-Chlorophenol	350	U	ug/kg	350	SW846 8270C
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	95-95-4	2,4,5-Trichlorophenol	350	U	ug/kg	350	SW846 8270C
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	98-95-3	Nitrobenzene	350	U	ug/kg	350	SW846 8270C
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	99-09-2	3-Nitroaniline	1700	U	ug/kg	1700	SW846 8270C
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	Q1082	Percent Solids	94 2		%		MCAWW 160 3 MODIFIED
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	7429-90-5	Aluminum	5940		mg/kg	21 2	SW846 6010B
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	7439-89-6	Iron	18400		mg/kg	10.6	SW846 6010B
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	7439-92-1	Lead	16 4		mg/kg	0 32	SW846 6010B
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	7439-95-4	Magnesium	6120		mg/kg	531	SW846 6010B
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	7439-96-5	Manganese	473		mg/kg	1 6	SW846 6010B
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	7440-02-0	Nickel	13 1		mg/kg	4 2	SW846 6010B
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	7440-09-7	Potassium	303	B	mg/kg	531	SW846 6010B
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	7440-22-4	Silver	0 53	U	mg/kg	0 53	SW846 6010B
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	7440-23-5	Sodium	52 6	B	mg/kg	531	SW846 6010B
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	7440-28-0	Thallium	0 52	B	mg/kg	1.1	SW846 6010B
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	7440-36-0	Antimony	0 15	B	mg/kg	1 1	SW846 6010B
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	7440-38-2	Arsenic	4 7		mg/kg	1 1	SW846 6010B
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	7440-39-3	Barium	24 7		mg/kg	21 2	SW846 6010B
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	7440-41-7	Beryllium	0 2	B	mg/kg	0 53	SW846 6010B
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	7440-43-9	Cadmium	0 1	B	mg/kg	0 21	SW846 6010B
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	7440-47-3	Chromium	6 5		mg/kg	0 53	SW846 6010B
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	7440-48-4	Cobalt	8 3		mg/kg	5 3	SW846 6010B
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	7440-50-8	Copper	17 9		mg/kg	2 7	SW846 6010B
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	7440-62-2	Vanadium	9 3		mg/kg	5.3	SW846 6010B
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	7440-66-6	Zinc	53 4		mg/kg	2 1	SW846 6010B
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	7440-70-2	Calcium	7740		mg/kg	531	SW846 6010B
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	7782-49-2	Selenium	0 27	B	mg/kg	0 53	SW846 6010B
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	100-41-4	Ethylbenzene	5 6	U	ug/kg	5 6	SW846 8260B
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	100-42-5	Styrene	5 6	U	ug/kg	5 6	SW846 8260B

Truck Scale Relocation Soil Samples
Information sent from V. Bortot in emal format.

C9d23125

Quanterra #	Sample #	Sample Type	Date	SDG #	CAS #	Parameter	Amount	Qualifier Code	Units	Reporting Limit	Method
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	10061-01-5	cis-1,3-Dichloropropene	5.6	U	ug/kg	5.6	SW846 8260B
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	10061-02-6	trans-1,3-Dichloropropene	5.6	U	ug/kg	5.6	SW846 8260B
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	107-06-2	1,2-Dichloroethane	5.6	U	ug/kg	5.6	SW846 8260B
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	108-10-1	4-Methyl-2-pentanone	23	U	ug/kg	23	SW846 8260B
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	108-88-3	Toluene	5.6	U	ug/kg	5.6	SW846 8260B
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	108-90-7	Chlorobenzene	5.6	U	ug/kg	5.6	SW846 8260B
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	124-48-1	Dibromochloromethane	5.6	U	ug/kg	5.6	SW846 8260B
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	127-18-4	Tetrachloroethene	5.6	U	ug/kg	5.6	SW846 8260B
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	1330-20-7	Xylenes (total)	5.6	U	ug/kg	5.6	SW846 8260B
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	17060-07-0	1,2-Dichloroethane-d4	100		PERCENT		SW846 8260B
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	1868-53-7	Dibromofluoromethane	94		PERCENT		SW846 8260B
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	2037-26-5	Toluene-d8	75		PERCENT		SW846 8260B
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	460-00-4	4-Bromofluorobenzene	61		PERCENT		SW846 8260B
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	540-59-0	1,2-Dichloroethene (total)	5.6	U	ug/kg	5.6	SW846 8260B
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	56-23-5	Carbon tetrachloride	5.6	U	ug/kg	5.6	SW846 8260B
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	591-78-6	2-Hexanone	23	U	ug/kg	23	SW846 8260B
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	67-64-1	Acetone	17	J	ug/kg	23	SW846 8260B
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	67-66-3	Chloroform	5.6	U	ug/kg	5.6	SW846 8260B
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	71-43-2	Benzene	5.6	U	ug/kg	5.6	SW846 8260B
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	71-55-6	1,1,1-Trichloroethane	5.6	U	ug/kg	5.6	SW846 8260B
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	74-83-9	Bromomethane	11	U	ug/kg	11	SW846 8260B
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	74-87-3	Chloromethane	11	U	ug/kg	11	SW846 8260B
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	75-00-3	Chloroethane	11	U	ug/kg	11	SW846 8260B
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	75-01-4	Vinyl chloride	11	U	ug/kg	11	SW846 8260B
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	75-09-2	Methylene chloride	5.6	U	ug/kg	5.6	SW846 8260B
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	75-15-0	Carbon disulfide	5.6	U	ug/kg	5.6	SW846 8260B
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	75-25-2	Bromoform	5.6	U	ug/kg	5.6	SW846 8260B
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	75-27-4	Bromodichloromethane	5.6	U	ug/kg	5.6	SW846 8260B
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	75-34-3	1,1-Dichloroethane	5.6	U	ug/kg	5.6	SW846 8260B
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	75-35-4	1,1-Dichloroethene	5.6	U	ug/kg	5.6	SW846 8260B
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	78-87-5	1,2-Dichloropropane	5.6	U	ug/kg	5.6	SW846 8260B
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	78-93-3	2-Butanone	3.9	J	ug/kg	23	SW846 8260B
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	79-00-5	1,1,2-Trichloroethane	5.6	U	ug/kg	5.6	SW846 8260B
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	79-01-6	Trichloroethene	5.6	U	ug/kg	5.6	SW846 8260B
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	79-34-5	1,1,2,2-Tetrachloroethane	5.6	U	ug/kg	5.6	SW846 8260B
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	108-95-2	Phenol	35	U	ug/kg	35	SW846 8270B
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	615-58-7	2,4-Dibromophenol	108		PERCENT		SW846 8041
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	7439-97-6	Mercury	0.066	B	mg/kg	0.1	SW846 7471A
C9D230125009	TSR-C9	SOIL	04/22/1999	BBL772	57-12-5	Total Cyanide	2.7	U	mg/kg	2.7	SW846 9012

Truck Scale Relocation Soil Samples
Information sent from V. Bortot in email format.

C9d23125

Quanterra #	Sample #	Sample Type	Date	SDG #	CAS #	Parameter	Amount	Qualifier Code	Units	Reporting Limit	Method
C9D230125009X	TSR-C9 DUP	SOIL	04/22/1999	BBL772	7429-90-5	Aluminum	6320		mg/kg	21.2	SW846 6010B
C9D230125009X	TSR-C9 DUP	SOIL	04/22/1999	BBL772	7439-89-6	Iron	20300		mg/kg	10.6	SW846 6010B
C9D230125009X	TSR-C9 DUP	SOIL	04/22/1999	BBL772	7439-92-1	Lead	24		mg/kg	0.32	SW846 6010B
C9D230125009X	TSR-C9 DUP	SOIL	04/22/1999	BBL772	7439-95-4	Magnesium	8010		mg/kg	531	SW846 6010B
C9D230125009X	TSR-C9 DUP	SOIL	04/22/1999	BBL772	7439-96-5	Manganese	486		mg/kg	1.6	SW846 6010B
C9D230125009X	TSR-C9 DUP	SOIL	04/22/1999	BBL772	7440-02-0	Nickel	14.8		mg/kg	4.2	SW846 6010B
C9D230125009X	TSR-C9 DUP	SOIL	04/22/1999	BBL772	7440-09-7	Potassium	320		mg/kg	531	SW846 6010B
C9D230125009X	TSR-C9 DUP	SOIL	04/22/1999	BBL772	7440-22-4	Silver	0.53	U	mg/kg	0.53	SW846 6010B
C9D230125009X	TSR-C9 DUP	SOIL	04/22/1999	BBL772	7440-23-5	Sodium	45		mg/kg	531	SW846 6010B
C9D230125009X	TSR-C9 DUP	SOIL	04/22/1999	BBL772	7440-28-0	Thallium	0.49		mg/kg	1.1	SW846 6010B
C9D230125009X	TSR-C9 DUP	SOIL	04/22/1999	BBL772	7440-36-0	Antimony	1.1	U	mg/kg	1.1	SW846 6010B
C9D230125009X	TSR-C9 DUP	SOIL	04/22/1999	BBL772	7440-38-2	Arsenic	5.4		mg/kg	1.1	SW846 6010B
C9D230125009X	TSR-C9 DUP	SOIL	04/22/1999	BBL772	7440-39-3	Barium	31.5		mg/kg	21.2	SW846 6010B
C9D230125009X	TSR-C9 DUP	SOIL	04/22/1999	BBL772	7440-41-7	Beryllium	0.23		mg/kg	0.53	SW846 6010B

Truck Scale Relocation Soil Samples

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C9d23125

Quanterra #	Sample #	Sample Type	Date	SDG #	CAS #	Parameter	Amount	Qualifier Code	Units	Reporting Limit	Method
C9D230125009X	TSR-C9 DUP	SOIL	04/22/1999	BBL772	7440-43-9	Cadmium	0.15		mg/kg	0.21	SW846 6010B
C9D230125009X	TSR-C9 DUP	SOIL	04/22/1999	BBL772	7440-47-3	Chromium	7.2		mg/kg	0.63	SW846 6010B
C9D230125009X	TSR-C9 DUP	SOIL	04/22/1999	BBL772	7440-48-4	Cobalt	9.1		mg/kg	53	SW846 6010B
C9D230125009X	TSR-C9 DUP	SOIL	04/22/1999	BBL772	7440-50-8	Copper	19		mg/kg	27	SW846 6010B
C9D230125009X	TSR-C9 DUP	SOIL	04/22/1999	BBL772	7440-62-2	Vanadium	10		mg/kg	53	SW846 6010B
C9D230125009X	TSR-C9 DUP	SOIL	04/22/1999	BBL772	7440-66-6	Zinc	65.5		mg/kg	21	SW846 6010B
C9D230125009X	TSR-C9 DUP	SOIL	04/22/1999	BBL772	7440-70-2	Calcium	10800		mg/kg	531	SW846 6010B
C9D230125009X	TSR-C9 DUP	SOIL	04/22/1999	BBL772	7782-49-2	Selenium	0.53	U	mg/kg	0.53	SW846 6010B
C9D230125009X	TSR-C9 DUP	SOIL	04/22/1999	BBL772	7439-97-6	Mercury	0.08		mg/kg	0.11	SW846 7471A
					57-12-5	Total Cyanide	2.7	U	mg/kg	2.7	SW846 9012A
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	100-01-6	4-Nitroaniline	1700	U	ug/kg	1700	SW846 8270C
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	100-02-7	4-Nitrophenol	1700	U	ug/kg	1700	SW846 8270C
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	101-55-3	4-Bromophenyl phenyl ether	350	U	ug/kg	350	SW846 8270C
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	105-67-9	2,4-Dimethylphenol	350	U	ug/kg	350	SW846 8270C
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	106-46-7	1,4-Dichlorobenzene	350	U	ug/kg	350	SW846 8270C
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	106-47-8	4-Chloroaniline	350	U	ug/kg	350	SW846 8270C
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	108-60-1	2,2'-oxybis(1-Chloropropane)	350	U	ug/kg	350	SW846 8270C
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	108-95-2	Phenol	350	U	ug/kg	350	SW846 8270C
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	111-44-4	bis(2-Chloroethyl) ether	350	U	ug/kg	350	SW846 8270C
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	111-91-1	bis(2-Chloroethoxy)methane	350	U	ug/kg	350	SW846 8270C
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	117-81-7	bis(2-Ethylhexyl) phthalate	180	J	ug/kg	350	SW846 8270C
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	117-84-0	Di-n-octyl phthalate	350	U	ug/kg	350	SW846 8270C
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	118-74-1	Hexachlorobenzene	350	U	ug/kg	350	SW846 8270C
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	118-79-6	2,4,6-Tribromophenol	80		PERCENT		SW846 8270C
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	120-12-7	Anthracene	350	U	ug/kg	350	SW846 8270C
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	120-82-1	1,2,4-Trichlorobenzene	350	U	ug/kg	350	SW846 8270C
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	120-83-2	2,4-Dichlorophenol	350	U	ug/kg	350	SW846 8270C
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	121-14-2	2,4-Dinitrotoluene	350	U	ug/kg	350	SW846 8270C
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	129-00-0	Pyrene	350	U	ug/kg	350	SW846 8270C
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	131-11-3	Dimethyl phthalate	350	U	ug/kg	350	SW846 8270C
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	132-64-9	Dibenzofuran	350	U	ug/kg	350	SW846 8270C
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	1718-51-0	Terphenyl-d14	64		PERCENT		SW846 8270C
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	191-24-2	Benzo(ghi)perylene	350	U	ug/kg	350	SW846 8270C
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	193-39-5	Indeno(1,2,3-cd)pyrene	350	U	ug/kg	350	SW846 8270C
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	205-99-2	Benzo(b)fluoranthene	350	U	ug/kg	350	SW846 8270C
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	206-44-0	Fluoranthene	150	J	ug/kg	350	SW846 8270C
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	207-08-9	Benzo(k)fluoranthene	350	U	ug/kg	350	SW846 8270C
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	208-96-8	Acenaphthylene	350	U	ug/kg	350	SW846 8270C
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	218-01-9	Chrysene	350	U	ug/kg	350	SW846 8270C
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	321-60-8	2-Fluorobiphenyl	84		PERCENT		SW846 8270C
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	367-12-4	2-Fluorophenol	86		PERCENT		SW846 8270C
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	4165-60-0	Nitrobenzene-d5	90		PERCENT		SW846 8270C
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	4165-62-2	Phenol-d5	88		PERCENT		SW846 8270C
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	50-32-8	Benzo(a)pyrene	350	U	ug/kg	350	SW846 8270C
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	51-28-5	2,4-Dinitrophenol	1700	U	ug/kg	1700	SW846 8270C
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	534-52-1	4,6-Dinitro-2-methylphenol	1700	U	ug/kg	1700	SW846 8270C
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	53-70-3	Dibenz(a,h)anthracene	350	U	ug/kg	350	SW846 8270C

Truck Scale Relocation Soil Samples
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C9d23125

Quanterra #	Sample #	Sample Type	Date	SDG #	CAS #	Parameter	Amount	Qualifier Code	Units	Reporting Limit	Method
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	541-73-1	1,3-Dichlorobenzene	350	U	ug/kg	350	SW846 8270C
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	56-55-3	Benzo(a)anthracene	350	U	ug/kg	350	SW846 8270C
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	59-50-7	4-Chloro-3-methylphenol	350	U	ug/kg	350	SW846 8270C
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	606-20-2	2,6-Dinitrotoluene	350	U	ug/kg	350	SW846 8270C
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	621-64-7	N-Nitrosodi-n-propylamine	350	U	ug/kg	350	SW846 8270C
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	65794-96-9	3-Methylphenol & 4-Methylpheno	350	U	ug/kg	350	SW846 8270C
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	67-72-1	Hexachloroethane	350	U	ug/kg	350	SW846 8270C
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	7005-72-3	4-Chlorophenyl phenyl ether	350	U	ug/kg	350	SW846 8270C
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	77-47-4	Hexachlorocyclopentadiene	1700	U	ug/kg	1700	SW846 8270C
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	78-59-1	Isophorone	350	U	ug/kg	350	SW846 8270C
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	83-32-9	Acenaphthene	350	U	ug/kg	350	SW846 8270C
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	84-66-2	Diethyl phthalate	350	U	ug/kg	350	SW846 8270C
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	84-74-2	Di-n-butyl phthalate	350	U	ug/kg	350	SW846 8270C
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	85-01-8	Phenanthrene	350	U	ug/kg	350	SW846 8270C
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	85-68-7	Butyl benzyl phthalate	350	U	ug/kg	350	SW846 8270C
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	86-30-6	N-Nitrosodiphenylamine	350	U	ug/kg	350	SW846 8270C
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	86-73-7	Fluorene	350	U	ug/kg	350	SW846 8270C
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	86-74-8	Carbazole	350	U	ug/kg	350	SW846 8270C
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	87-68-3	Hexachlorobutadiene	350	U	ug/kg	350	SW846 8270C
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	87-86-5	Pentachlorophenol	1700	U	ug/kg	1700	SW846 8270C
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	88-06-2	2,4,6-Trichlorophenol	350	U	ug/kg	350	SW846 8270C
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	88-74-4	2-Nitroaniline	1700	U	ug/kg	1700	SW846 8270C
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	88-75-5	2-Nitrophenol	350	U	ug/kg	350	SW846 8270C
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	91-20-3	Naphthalene	350	U	ug/kg	350	SW846 8270C
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	91-57-6	2-Methylnaphthalene	350	U	ug/kg	350	SW846 8270C
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	91-58-7	2-Chloronaphthalene	350	U	ug/kg	350	SW846 8270C
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	91-94-1	3,3'-Dichlorobenzidine	1700	U	ug/kg	1700	SW846 8270C
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	95-48-7	2-Methylphenol	350	U	ug/kg	350	SW846 8270C
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	95-50-1	1,2-Dichlorobenzene	350	U	ug/kg	350	SW846 8270C
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	95-57-8	2-Chlorophenol	350	U	ug/kg	350	SW846 8270C
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	95-95-4	2,4,5-Trichlorophenol	350	U	ug/kg	350	SW846 8270C
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	98-95-3	Nitrobenzene	350	U	ug/kg	350	SW846 8270C
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	99-09-2	3-Nitroaniline	1700	U	ug/kg	1700	SW846 8270C
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	Q1082	Percent Solids	83.6		%	1	MCAWW 160.3 MOD
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	7429-90-5	Aluminum	5380		mg/kg	21.4	SW846 6010B
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	7439-89-6	Iron	23400		mg/kg	10.7	SW846 6010B
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	7439-92-1	Lead	29.5		mg/kg	0.32	SW846 6010B
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	7439-95-4	Magnesium	6110		mg/kg	534	SW846 6010B
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	7439-96-5	Manganese	413		mg/kg	1.6	SW846 6010B
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	7440-02-0	Nickel	14.5		mg/kg	4.3	SW846 6010B
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	7440-09-7	Potassium	310	B	mg/kg	534	SW846 6010B
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	7440-22-4	Silver	0.53	U	mg/kg	0.53	SW846 6010B
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	7440-23-5	Sodium	150	B	mg/kg	534	SW846 6010B
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	7440-28-0	Thallium	0.84	B	mg/kg	0.84	SW846 6010B
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	7440-36-0	Antimony	1.1	U	mg/kg	1.1	SW846 6010B
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	7440-38-2	Arsenic	3.6		mg/kg	1.6	SW846 6010B
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	7440-39-3	Barium	27.1		mg/kg	2.1	SW846 6010B
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	7440-41-7	Beryllium	0.28	B	mg/kg	0.53	SW846 6010B

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3C YARD COLLAPSED MANHOLE DRUM SAMPLING
(GE DRUM #'s 44510, 44540, 44538, 44539, 44511, 44536, and 44537)
Building 12 STS

(201.78.10)

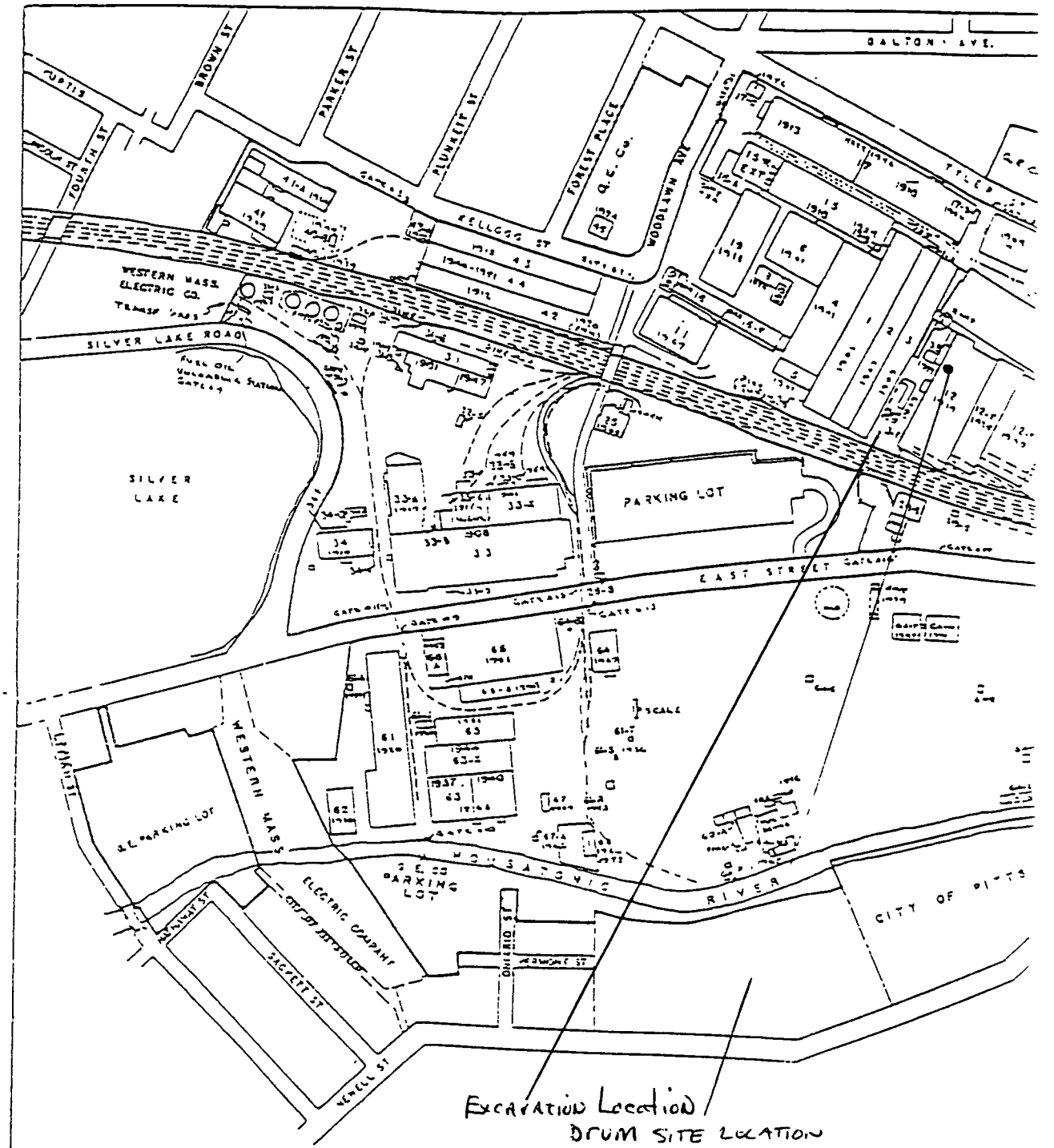
Table 1

LAB ID	SAMPLE DATE	GE DRUM #'s	PCBs (ppm)	SAMPLE MATERIAL	SAMPLE TYPE
12STS-44510-C1	10-4-99	44510 44540 44538 44539 44511 44536 44537	7.8	SOIL	DISCRETE-GRAB FIELD COMPOSITE

Notes:

The sample was collected using a clear Lexan tube

FIGURE 1



3C YARD COLLAPSED MANHOLE REPAIR
DRUM SAMPLING (GE DRUM #s
44516, 44540, 44538, 44511,
44536, and 44537)

(201 78.10)

ATTACHMENT 1

3C Electrical Duct

Adirondack Environmental Services, Inc.
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LABORATORY REPORT

for

General Electric Company
Mail Drop C23
100 Woodlawn Avenue
Pittsfield, MA 01201

Attention: Jeff Nicholson C23

PJ:201.78.10
Purchase Order #: A899-025445

CC: Amy Cole

Report date: 10/07/99
Number of samples analyzed: 1
AES Project ID: 991004AC
Invoice #: 205165

ELAP ID#: 10709

AIHA ID#: 7866

Adirondack Environmental Services, Inc.
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CLIENT: General Electric Company
CLIENT'S SAMPLE ID: 12STS-44510-C1
AES sample #: 991004AC01 Sample taken by: A. Marconi
MATRIX: Soil

Date Sampled: 10/04/99
Date sample received: 10/04/99
Location: 3C Yard composite

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
PCB-1016	EPA-8082	<1	ug/g Dry	KF-PCBAD21	10/05/99
PCB-1221	EPA-8082	<1	ug/g Dry	KF-PCBAD21	10/05/99
PCB-1232	EPA-8082	<1	ug/g Dry	KF-PCBAD21	10/05/99
PCB-1242	EPA-8082	<1	ug/g Dry	KF-PCBAD21	10/05/99
PCB-1248	EPA-8082	<1	ug/g Dry	KF-PCBAD21	10/05/99
PCB-1254	EPA-8082	<1	ug/g Dry	KF-PCBAD21	10/05/99
PCB-1260	EPA-8082	7.8	ug/g Dry	KF-PCBAD21	10/05/99

APPROVED BY: _____
Report date: 10/07/99

ATTACHMENT 2

Adirondack Environmental Services, Inc.
314 North Pearl Street
Albany, New York 12207
518-434-4546/434-0891 FAX

A full service analytical research laboratory offering solutions to environmental concerns

CHAIN OF CUSTODY RECORD

BLASLAND BOUCK + LEE

CLIENT NAME: G.E. PITTSFIELD

ADDRESS: 100 WOODLAWN AVE.

PROJECT NAME (Location): 3C YARD COLLARED MANHOLE REPORT

PO NUMBER: (201.78.10) A899-002445

SAMPLERS: (Names): ALEX MACCONE

SAMPLERS: (Signature): Alexander J Maccone

AES SAMPLE NUMBER	CLIENT SAMPLE IDENTIFICATION & LOCATION	DATE SAMPLED	TIME A=a.m. P=p.m.		SAMPLE TYPE: MATRIX	COMP	GRAB	NUMBER OF CONT'S	ANALYSIS REQUIRED
991004 AC01	12STS-44510-C1	10/4/99	1530	P	SOIL	X		1	PCBS
	# INVOICE TO A. COLE #								
	# FINAL COPY TO A. COLE #								
								5	
								2	7-99

Turnaround Time: STANDARD TURNAROUND TIME

Laboratory Approval:

Relinquished by: (Signature) Alexander J Maccone	**Received by:** (Signature) Andrew R. Smith	**Date/Time** 10-4 | 6:15 PM
Relinquished by: (Signature)	**Received by:** (Signature)	**Date/Time**
Relinquished by: (Signature)	**Received by:** (Signature)	**Date/Time**
Dispatched by: (Signature) / **Date/Time**	**Received for Laboratory by:** KL Fuller	**Date/Time** 10/4/99 7:45 PM
Method of Shipment: DELIVERED BY COURIER	**Send Report To:** J. NICHOLSON A. COLE	**Client Phone No.:**

The Laboratory reserves the right to return hazardous samples to the client or may levy an appropriate fee per container for disposal.

WHITE - Lab Copy YELLOW - Sampler Copy PINK - Generator Copy

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REQUEST FOR SAMPLING

TO: Files
FROM: Bruce Eulian
RE: Buildings 5, 17, and 3C Catch Basin Repairs Sampling Program

DATE: October 11, 1999
FILE NO.: 201.78.10

INITIATOR: Aimee Cole (GEC)

DATE: 9/17/99

LOCATION: Building 14SS

CONTACT PERSON: Aimee Cole (GEC) **EXT:** 2534

ITEM DESCRIPTION:

1.) Soil

PURPOSE: To collect samples at G.E.'s request for disposal classification of the material excavated during the repairs to the catch basins from building 5 area, building 17 area, and building 3C yard. The generated piles were staged in building 14SS.

NOTES: See attached sample request letter from Aimee Cole (GEC) to Bruce Eulian (BBL) dated August 31, 1999.

1.) Three (3) discrete-grab samples are to collected and analyzed for PCB analysis and screened for VOCs in accordance with the *Protocols for the Management of Excavation Activities.*

2.) GE requests that the samples collected be analyzed by Adirondack Environmental Services, Inc. - Albany, NY, under PO# A899-040192.

SAMPLING REQUEST

DATE: AUGUST 31, 1999

TO: B. Eulian - BBL cc ... J. Nicholson

FROM: A. Cole - GEC

RE: BLDG. 5, BLDG. 17 AND 3C CATCH BASIN / STORM DRAIN REPAIRS

Please sample the soil generated from several routine catch basin and storm drain repairs which is staged in bldg. 14SS. Sample at the rate of 5 samples for 20 yards (a minimum of 3 for lesser quantities) for PCB method 8082, dry weight analysis. Please sample for PCB method 8082, dry weight analysis. There is material from bldg. 5 area, bldg. 17 area and bldg. 3C yard. There are multiple piles all marked with their origin. Composite piles from the same locations for your samples. This material is a combination of masonry and soil. Please take PID readings on the soil. If the PID comes back higher than 10 units please take samples for VOC and 1,2,4-trichlorobenzene analysis in accordance with the *Protocols for the Management of Excavation Activities.*

BBL Project number: 201.78.10
Lab & PO# : Adirondack – PO# A899-040192 Method Detection Level 1 ppm!
Fax copy to: J. Nicholson
Final Copy to: A. Cole
Invoice to: A. Cole

Please provide a COC to Jeff Nicholson in the GE lab.

9/10/99 AC

3C Catch Basin Material is marked "Bldg 2 & 3C" and is located on the east end of bldg 14 SS.

17) 8x11x3
3C) 7x4x1
5) 7x10x2

BBL
BLASLAND, BOUCK & LEE, INC.
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SAMPLING PROGRAM FIELD SUMMARY

TO: Files
FROM: Bruce Eulian
RE: Buildings 5, 17, and 3C Catch Basin Repairs Sampling Program

DATE: October 11, 1999
FILE NO.: 201.78.10
cc: Bill Fessler (GE)

The following is a summary of the sampling program conducted 9/17/99 on the material excavated during the catch basin repairs from building 5 area. building 17 area, and building 3C yard.

At the request of Aimee Cole (GEC) the following sampling program was implemented:

- Three (3) field-composite samples were collected for PCB analysis.
- PID readings were obtained on the samples. None of the samples required VOC or 1,2,4 Trichlorobenzene analysis.

Notes:

The piles of material totaled approximately 16 cubic yards of material

The samples were collected using a stainless steel scoop.

A summary table of the sampling program has been included (Table 1), along with drawings showing the site location (Figure 1) and sample locations (Figure 2). Analytical results provided by Adirondack Environmental Services, Inc. - Albany, NY (Attachment 1), a PID calibration form (Attachment 2) and a copy of the chain of custody that accompanied the samples (Attachment 3) have also been included.

BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Buildings 5, 17, and 3C Catch Basin Repairs Sampling Program

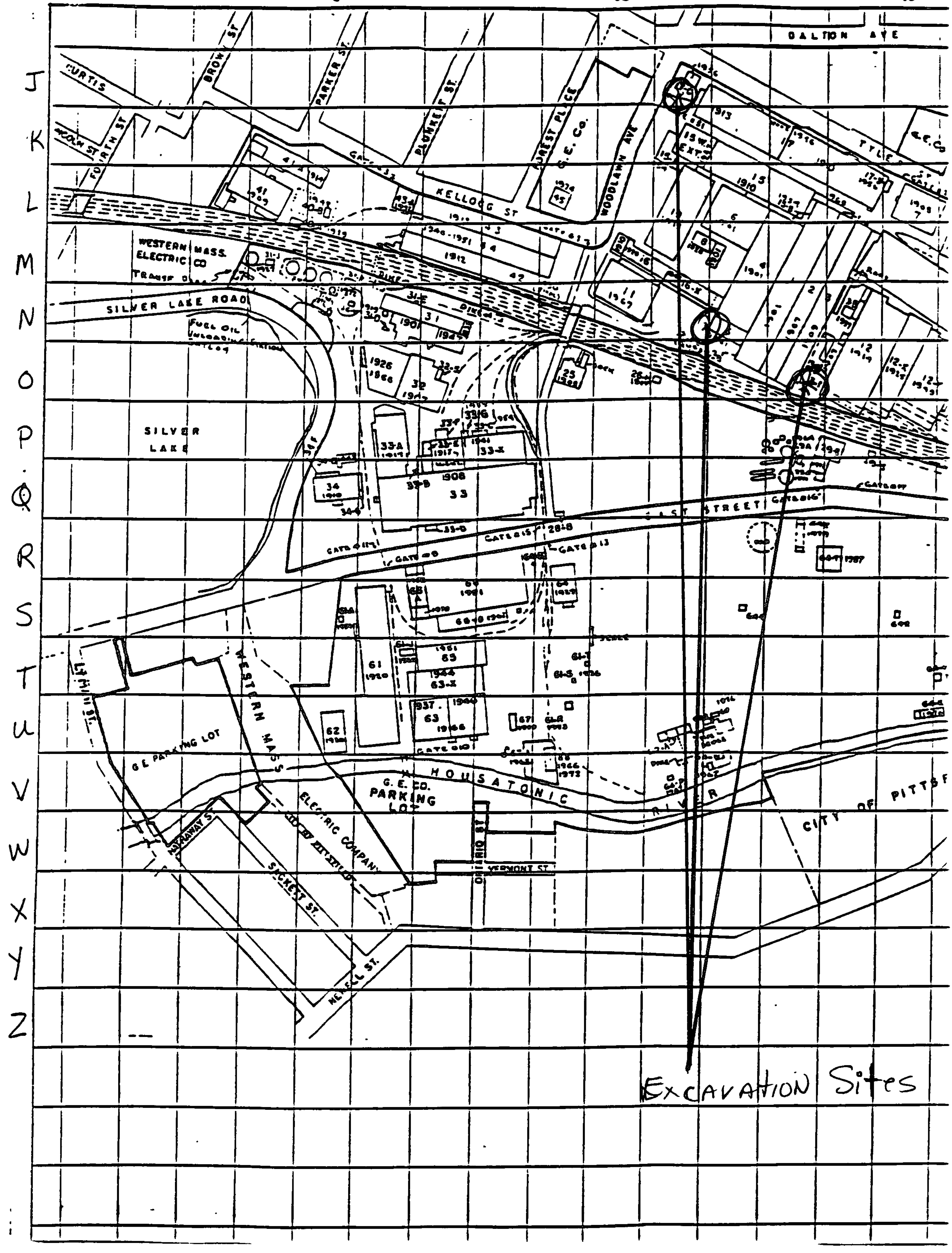
(201.78.10)

Table 1

LAB ID	SAMPLE DATE	PCBs (ppm)	PID READINGS (PPM)	SAMPLE MATERIAL	SAMPLE TYPE	SAMPLE LOCATION NUMBER	SEE FIGURE
3C-CB-1	9/17/99	22	0 3	SOIL	FIELD-COMPOSITE	1	2
17-CB-1	9/17/99	2.4	1 1	SOIL	FIELD-COMPOSITE	2	2
5-CB-1	9/17/99	1 9	0 7	SOIL	FIELD-COMPOSITE	3	2

Note The soil samples were collected using a stainless steel scoop

FIGURE 1

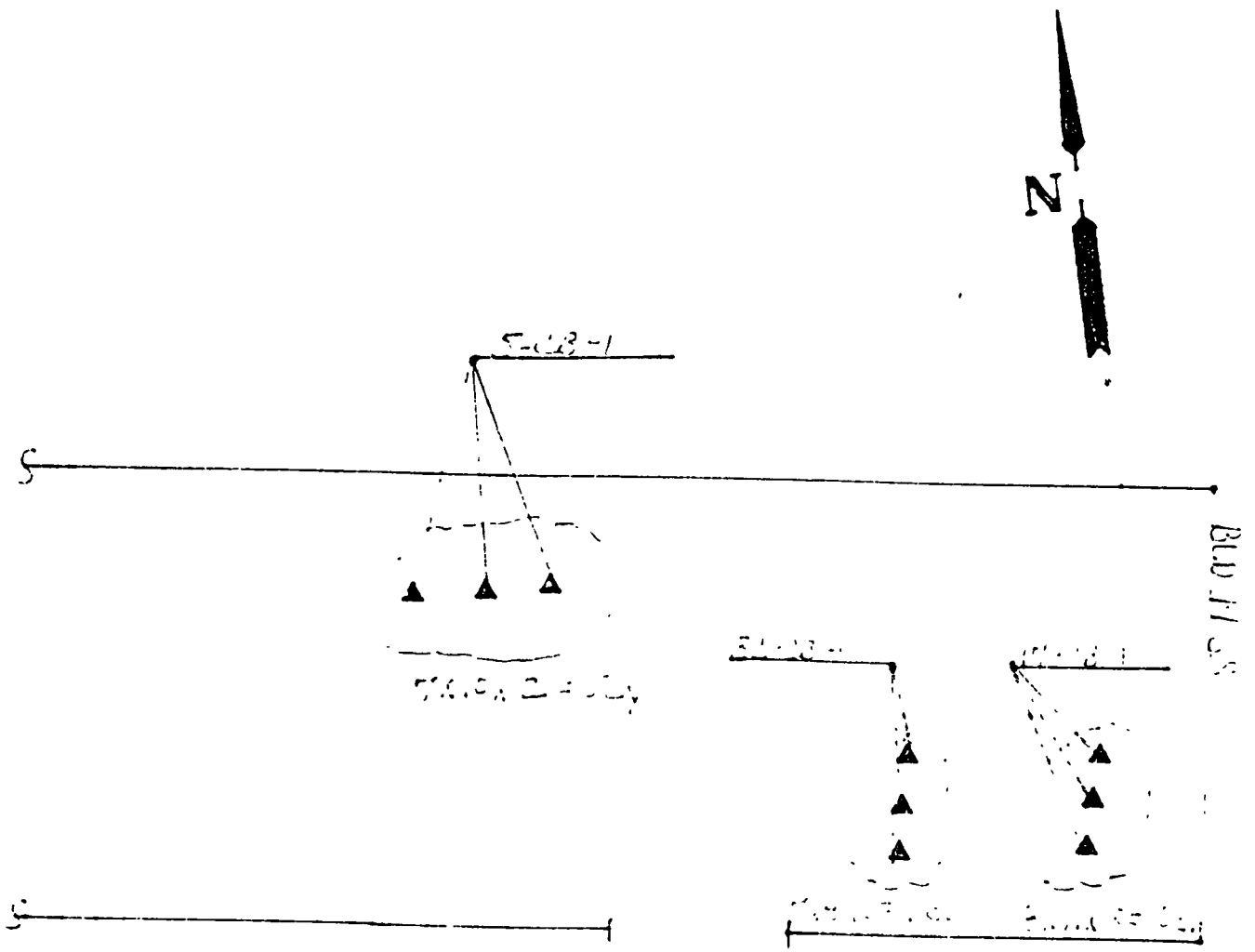


DALTON AVE
CURTIS
BROWN ST
PARKER ST
PLUNKETT ST
FOREST PLACE
G.E. Co.
WOODLAWN AVE
KELLOGG ST
WESTERN MASS. ELECTRIC CO
SILVER LAKE ROAD
FUEL OIL UNLOADING STATION
SILVER LAKE
EAST STREET
WESTERN MASS. ELECTRIC COMPANY
GE PARKING LOT
G. E. CO. PARKING LOT
HOUSATONIC RIVER
CITY OF PITTSF
ONTARIO ST
VERMONT ST
SACKETT ST
NEWELL ST
Excavation Sites

BLASLAND, BOUCK & LEE
ENGINEERS & GEOSCIENTISTS

SUBJECT	PROJ. NO.	BY	DATE	SHEET
Building 5, 17, 3C Catch Basin, Storm Drain Repair Sampling	201.78.10	SLC	9/17/99	1

FIGURE 2



Attachment 1

Adirondack Environmental Services, Inc.
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LABORATORY REPORT

for

General Electric Company
Mail Drop C23
100 Woodlawn Avenue
Pittsfield, MA 01201

Attention: Jeff Nicholson C23

Purchase Order #: A899-040192

Report date: 09/27/99
Number of samples analyzed: 6
AES Project ID 990917RS
Invoice #: 204674

CC. A.Cole (GE)

ELAP ID#: 10709

NEHA ID#: 7866

Adirondack Environmental Services, Inc.
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CLIENT: General Electric Company
CLIENT'S SAMPLE ID: 3C-CS-1
AES sample #: 990917ASC1
Samples taken by: A.Marconi
MATRIX: Soil

Date Sampled: 09/17/99
Date sample received: 09/20/99
Location: Bldg 5,17,3C
composite

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
PCB-1016	EPA-8082	<1	ug/g Dry	KF-PCBAD15	09/20/99
PCB-1221	EPA-8082	<1	ug/g Dry	KF-PCBAD15	09/20/99
PCB-1232	EPA-8082	<1	ug/g Dry	KF-PCBAD15	09/20/99
PCB-1242	EPA-8082	<1	ug/g Dry	KF-PCBAD15	09/20/99
PCB-1248	EPA-8082	<1	ug/g Dry	KF-PCBAD15	09/20/99
PCB-1254	EPA-8082	<1	ug/g Dry	KF-PCBAD15	09/20/99
PCB-1260	EPA-8082	22	ug/g Dry	KF-PCBAD15	09/20/99

Adirondack Environmental Services, Inc.
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CLIENT: General Electric Company
CLIENT'S SAMPLE ID: 17-CB-1
AES sample #: 990917AS02 Samples taken by: A.Marconi
MATRIX: Soil

Date Sampled: 09/17/99
Date sample received: 09/20/99
Location: Bldg 5,17,3C
composite

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
PCB-1016	EPA-8082	<1	ug/g Dry	KF-PCBAD15	09/20/99
PCB-1221	EPA-8082	<1	ug/g Dry	KF-PCBAD15	09/20/99
PCB-1232	EPA-8082	<1	ug/g Dry	KF-PCBAD15	09/20/99
PCB-1242	EPA-8082	<1	ug/g Dry	KF-PCBAD15	09/20/99
PCB-1248	EPA-8082	<1	ug/g Dry	KF-PCBAD15	09/20/99
PCB-1254	EPA-8082	<1	ug/g Dry	KF-PCBAD15	09/20/99
PCB-1260	EPA-8082	1.4	ug/g Dry	KF-PCBAD15	09/20/99

Adirondack Environmental Services, Inc.
Experience is the solution
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CLIENT: General Electric Company
CLIENT'S SAMPLE ID: 5-CB-1
AES sample #: 990917AS03
Samples taken by: A.Marconi
MATRIX: Soil
Date Sampled: 09/17/99
Date sample received: 09/20/99
Location: Bldg 5,17,3C composite

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
PCB-1016	EPA-8082	<1	ug/g Dry	KF-PCBAD15	09/20/99
PCB-1221	EPA-8082	<1	ug/g Dry	KF-PCBAD15	09/20/99
PCB-1232	EPA-8082	<1	ug/g Dry	KF-PCBAD15	09/20/99
PCB-1242	EPA-8082	<1	ug/g Dry	KF-PCBAD15	09/20/99
PCB-1248	EPA-8082	<1	ug/g Dry	KF-PCBAD15	09/20/99
PCB-1254	EPA-8082	<1	ug/g Dry	KF-PCBAD15	09/20/99
PCB-1260	EPA-8082	1.9	ug/g Dry	KF-PCBAD15	09/20/99

Adirondack Environmental Services, Inc.
Experience is the solution
314 North Pearl Street • Albany, New York 12207 • 800-848-4983 • (518) 434-4546 • Fax (518) 434-0891

CLIENT: General Electric Company
CLIENT'S SAMPLE ID: 5-CB-1 MS
AES sample #: 990917AS04
Samples taken by: A.Marconi
MATRIX: Soil
Date Sampled: 09/17/99
Date sample received: 09/20/99
Location: Bldg 5,17,3C composite

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
PCB	EPA-8082	114	%	KF-PCBMD15	09/20/99

Truck Scale Relocation Soil Samples
Information sent from V. Bortot in email format.

C9d23125

Quanterra #	Sample #	Sample Type	Date	SDG #	CAS #	Parameter	Amount	Qualifier Code	Units	Reporting Limit	Method
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	7440-43-9	Cadmium	0.2	B	mg/kg	0.21	SW846 6010B
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	7440-47-3	Chromium	8.2		mg/kg	0.53	SW846 6010B
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	7440-48-4	Cobalt	9.5		mg/kg	5.3	SW846 6010B
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	7440-50-8	Copper	19.4		mg/kg	2.7	SW846 6010B
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	7440-62-2	Vanadium	10.4		mg/kg	5.3	SW846 6010B
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	7440-66-6	Zinc	65.7		mg/kg	2.1	SW846 6010B
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	7440-70-2	Calcium	8610		mg/kg	534	SW846 6010B
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	7782-49-2	Selenium	0.53	U	mg/kg	0.53	SW846 6010B
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	100-41-4	Ethylbenzene	5.4	U	ug/kg	5.4	SW846 8260B
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	100-42-5	Styrene	5.4	U	ug/kg	5.4	SW846 8260B
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	10061-01-5	cis-1,3-Dichloropropene	5.4	U	ug/kg	5.4	SW846 8260B
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	10061-02-6	trans-1,3-Dichloropropene	5.4	U	ug/kg	5.4	SW846 8260B
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	107-06-2	1,2-Dichloroethane	5.4	U	ug/kg	5.4	SW846 8260B
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	108-10-1	4-Methyl-2-pentanone	22	U	ug/kg	22	SW846 8260B
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	108-88-3	Toluene	5.4	U	ug/kg	5.4	SW846 8260B
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	108-90-7	Chlorobenzene	5.4	U	ug/kg	5.4	SW846 8260B
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	124-48-1	Dibromochloromethane	5.4	U	ug/kg	5.4	SW846 8260B
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	127-18-4	Tetrachloroethene	5.4	U	ug/kg	5.4	SW846 8260B
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	1330-20-7	Xylenes (total)	5.4	U	ug/kg	5.4	SW846 8260B
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	17060-07-0	1,2-Dichloroethane-d4	100		PERCENT	5.4	SW846 8260B
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	1868-53-7	Dibromofluoromethane	94		PERCENT		SW846 8260B
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	2037-26-5	Toluene-d8	73		PERCENT		SW846 8260B
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	460-00-4	4-Bromofluorobenzene	65		PERCENT		SW846 8260B
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	540-59-0	1,2-Dichloroethene (total)	5.4	U	ug/kg	5.4	SW846 8260B
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	56-23-5	Carbon tetrachloride	5.4	U	ug/kg	5.4	SW846 8260B
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	591-78-6	2-Hexanone	22	U	ug/kg	22	SW846 8260B
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	67-64-1	Acetone	20	J	ug/kg	22	SW846 8260B
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	67-66-3	Chloroform	5.4	U	ug/kg	5.4	SW846 8260B
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	71-43-2	Benzene	5.4	U	ug/kg	5.4	SW846 8260B
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	71-55-6	1,1,1-Trichloroethane	5.4	U	ug/kg	5.4	SW846 8260B
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	74-83-9	Bromomethane	11	U	ug/kg	11	SW846 8260B
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	74-87-3	Chloromethane	11	U	ug/kg	11	SW846 8260B
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	75-00-3	Chloroethane	11	U	ug/kg	11	SW846 8260B
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	75-01-4	Vinyl chloride	11	U	ug/kg	11	SW846 8260B
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	75-09-2	Methylene chloride	2.4	J	ug/kg	5.4	SW846 8260B
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	75-15-0	Carbon disulfide	5.4	U	ug/kg	5.4	SW846 8260B
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	75-25-2	Bromoform	5.4	U	ug/kg	5.4	SW846 8260B
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	75-27-4	Bromodichloromethane	5.4	U	ug/kg	5.4	SW846 8260B
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	75-34-3	1,1-Dichloroethane	5.4	U	ug/kg	5.4	SW846 8260B
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	75-35-4	1,1-Dichloroethene	5.4	U	ug/kg	5.4	SW846 8260B
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	78-87-5	1,2-Dichloropropane	5.4	U	ug/kg	5.4	SW846 8260B
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	78-93-3	2-Butanone	4	J	ug/kg	5.4	SW846 8260B
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	79-00-5	1,1,2-Trichloroethane	5.4	U	ug/kg	5.4	SW846 8260B
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	79-01-6	Trichloroethene	5.4	U	ug/kg	5.4	SW846 8260B
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	79-34-5	1,1,2,2-Tetrachloroethane	5.4	U	ug/kg	5.4	SW846 8260B
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	108-95-2	Phenol	35	U	ug/kg	35	SW846 8270C
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	615-58-7	2,4-Dibromophenol	93		PERCENT		SW846 8041
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	7439-97-6	Mercury	0.12		mg/kg	0.11	SW846 7471A

Truck Scale Relocation Soil Samples
Information sent from V. Bortot in email format.

C9d23125

Quanterra #	Sample #	Sample Type	Date	SDG #	CAS #	Parameter	Amount	Qualifier Code	Units	Reporting Limit	Method
C9D230125010	TSR-C10	SOIL	04/22/1999	BBL772	57-12-5	Total Cyanide	2.7	U	mg/kg	2.7	SW846 9012A
C9D230125010D	TSR-C10	SOIL	04/22/1999	BBL772	615-58-7	2,4-Dibromophenol	92		PERCENT		SW846 8270C
C9D230125010S	TSR-C10	SOIL	04/22/1999	BBL772	615-58-7	2,4-Dibromophenol	90		PERCENT		SW846 8270C
C9D230125011	TSR-DUP-1	SOIL	04/22/1999	BBL772	Q1082	Percent Solids	84.4		%		MCAWW 160.3 MODIFIED
C9D230125011	TSR-DUP-1	SOIL	04/22/1999	BBL772	11096-82-5	Aroclor 1260	170		ug/kg	35	SW846 8082
C9D230125011	TSR-DUP-1	SOIL	04/22/1999	BBL772	11097-69-1	Aroclor 1254	35	U	ug/kg	35	SW846 8082
C9D230125011	TSR-DUP-1	SOIL	04/22/1999	BBL772	11104-28-2	Aroclor 1221	35	U	ug/kg	35	SW846 8082
C9D230125011	TSR-DUP-1	SOIL	04/22/1999	BBL772	11141-16-5	Aroclor 1232	35	U	ug/kg	35	SW846 8082
C9D230125011	TSR-DUP-1	SOIL	04/22/1999	BBL772	12672-29-6	Aroclor 1248	35	U	ug/kg	35	SW846 8082
C9D230125011	TSR-DUP-1	SOIL	04/22/1999	BBL772	12674-11-2	Aroclor 1016	35	U	ug/kg	35	SW846 8082
C9D230125011	TSR-DUP-1	SOIL	04/22/1999	BBL772	2051-24-3	Decachlorobiphenyl	97		PERCENT		SW846 8082
C9D230125011	TSR-DUP-1	SOIL	04/22/1999	BBL772	53469-21-9	Aroclor 1242	35	U	ug/kg	35	SW846 8082
C9D230125011	TSR-DUP-1	SOIL	04/22/1999	BBL772	877-09-8	Tetrachloro-m-xylene	92		PERCENT		SW846 8082
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	100-01-6	4-Nitroaniline	1700	U	ug/kg	1700	SW846 8270C
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	100-02-7	4-Nitrophenol	1700	U	ug/kg	1700	SW846 8270C
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	101-55-3	4-Bromophenyl phenyl ether	350	U	ug/kg	350	SW846 8270C
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	105-67-9	2,4-Dimethylphenol	350	U	ug/kg	350	SW846 8270C
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	106-46-7	1,4-Dichlorpbenzene	350	U	ug/kg	350	SW846 8270C
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	106-47-8	4-Chloroaniline	350	U	ug/kg	350	SW846 8270C
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	108-60-1	2,2'-oxybis(1-Chloropropane)	350	U	ug/kg	350	SW846 8270C
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	108-95-2	Phenol	350	U	ug/kg	350	SW846 8270C
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	111-44-4	bis(2-Chloroethyl) ether	350	U	ug/kg	350	SW846 8270C
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	111-91-1	bis(2-Chloroethoxy)methane	350	U	ug/kg	350	SW846 8270C
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	117-81-7	bis(2-Ethylhexyl) phthalate	350	U	ug/kg	350	SW846 8270C
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	117-84-0	Di-n-octyl phthalate	350	U	ug/kg	350	SW846 8270C
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	118-74-1	Hexachlorobenzene	350	U	ug/kg	350	SW846 8270C
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	118-79-6	2,4,6-Tribromophenol	92		PERCENT		SW846 8270C
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	120-12-7	Anthracene	350	U	ug/kg	350	SW846 8270C
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	120-82-1	1,2,4-Trichlorobenzene	350	U	ug/kg	350	SW846 8270C
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	120-83-2	2,4-Dichlorophenol	350	U	ug/kg	350	SW846 8270C
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	121-14-2	2,4-Dinitrotoluene	350	U	ug/kg	350	SW846 8270C
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	129-00-0	Pyrene	350	U	ug/kg	350	SW846 8270C
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	131-11-3	Dimethyl phthalate	350	U	ug/kg	350	SW846 8270C
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	132-64-9	Dibenzofuran	350	U	ug/kg	350	SW846 8270C
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	1718-51-0	Terphenyl-d14	65		PERCENT		SW846 8270C
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	191-24-2	Benzo(ghi)perylene	350	U	ug/kg	350	SW846 8270C
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	193-39-5	Indeno(1,2,3-cd)pyrene	350	U	ug/kg	350	SW846 8270C
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	205-99-2	Benzo(b)fluoranthene	350	U	ug/kg	350	SW846 8270C
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	206-44-0	Fluoranthene	350	U	ug/kg	350	SW846 8270C
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	207-08-9	Benzo(k)fluoranthene	350	U	ug/kg	350	SW846 8270C
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	208-96-8	Acenaphthylene	350	U	ug/kg	350	SW846 8270C
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	218-01-9	Chrysene	350	U	ug/kg	350	SW846 8270C
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	321-60-8	2-Fluorobiphenyl	97		PERCENT		SW846 8270C
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	367-12-4	2-Fluorophenol	83		PERCENT		SW846 8270C
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	4165-60-0	Nitrobenzene-d5	87		PERCENT		SW846 8270C
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	4165-62-2	Phenol-d5	92		PERCENT		SW846 8270C

Truck Scale Relocation Soil Samples

Information sent from V. Bortot in email format.

C9d23125

Quanterra #	Sample #	Sample Type	Date	SDG #	CAS #	Parameter	Amount	Qualifier Code	Units	Reporting Limit	Method
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	50-32-8	Benzo(a)pyrene	350	U	ug/kg	350	SW846 8270C
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	51-28-5	2,4-Dinitrophenol	1700	U	ug/kg	1700	SW846 8270C
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	534-52-1	4,6-Dinitro-2-methylphenol	1700	U	ug/kg	1700	SW846 8270C
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	53-70-3	Dibenz(a,h)anthracene	350	U	ug/kg	350	SW846 8270C
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	541-73-1	1,3-Dichlorobenzene	350	U	ug/kg	350	SW846 8270C
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	56-55-3	Benzo(a)anthracene	350	U	ug/kg	350	SW846 8270C
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	59-50-7	4-Chloro-3-methylphenol	350	U	ug/kg	350	SW846 8270C
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	606-20-2	2,6-Dinitrotoluene	350	U	ug/kg	350	SW846 8270C
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	621-64-7	N-Nitrosodi-n-propylamine	350	U	ug/kg	350	SW846 8270C
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	65794-96-9	3-Methylphenol & 4-Methylpheno	350	U	ug/kg	350	SW846 8270C
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	67-72-1	Hexachloroethane	350	U	ug/kg	350	SW846 8270C
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	7005-72-3	4-Chlorophenyl phenyl ether	350	U	ug/kg	350	SW846 8270C
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	77-47-4	Hexachlorocyclopentadiene	1700	U	ug/kg	1700	SW846 8270C
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	78-59-1	Isophorone	350	U	ug/kg	350	SW846 8270C
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	83-32-9	Acenaphthene	350	U	ug/kg	350	SW846 8270C
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	84-66-2	Diethyl phthalate	350	U	ug/kg	350	SW846 8270C
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	84-74-2	Di-n-butyl phthalate	350	U	ug/kg	350	SW846 8270C
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	85-01-8	Phenanthrene	350	U	ug/kg	350	SW846 8270C
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	85-68-7	Butyl benzyl phthalate	350	U	ug/kg	350	SW846 8270C
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	86-30-6	N-Nitrosodiphenylamine	350	U	ug/kg	350	SW846 8270C
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	86-73-7	Fluorene	350	U	ug/kg	350	SW846 8270C
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	86-74-8	Carbazole	350	U	ug/kg	350	SW846 8270C
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	87-68-3	Hexachlorobutadiene	350	U	ug/kg	350	SW846 8270C
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	87-86-5	Pentachlorophenol	1700	U	ug/kg	1700	SW846 8270C
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	88-06-2	2,4,6-Trichlorophenol	350	U	ug/kg	350	SW846 8270C
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	88-74-4	2-Nitroaniline	1700	U	ug/kg	1700	SW846 8270C
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	88-75-5	2-Nitrophenol	350	U	ug/kg	350	SW846 8270C
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	91-20-3	Naphthalene	350	U	ug/kg	350	SW846 8270C
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	91-57-6	2-Methylnaphthalene	350	U	ug/kg	350	SW846 8270C
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	91-58-7	2-Chloronaphthalene	350	U	ug/kg	350	SW846 8270C
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	91-94-1	3,3'-Dichlorobenzidine	1700	U	ug/kg	1700	SW846 8270C
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	95-48-7	2-Methylphenol	350	U	ug/kg	350	SW846 8270C
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	95-50-1	1,2-Dichlorobenzene	350	U	ug/kg	350	SW846 8270C
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	95-57-8	2-Chlorophenol	350	U	ug/kg	350	SW846 8270C
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	95-95-4	2,4,5-Trichlorophenol	350	U	ug/kg	350	SW846 8270C
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	98-95-3	Nitrobenzene	350	U	ug/kg	350	SW846 8270C
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	99-09-2	3-Nitroaniline	1700	U	ug/kg	1700	SW846 8270C
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	Q1082	Percent Solids	93 8		%		MCAWW 160.3 MODIFIED
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	7429-90-5	Aluminum	5660		mg/kg	21.3	SW846 6010B
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	7439-89-6	Iron	19800		mg/kg	10.7	SW846 6010B
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	7439-92-1	Lead	19 9		mg/kg	0.32	SW846 6010B
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	7439-95-4	Magnesium	5260		mg/kg	533	SW846 6010B
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	7439-96-5	Manganese	598		mg/kg	1 6	SW846 6010B
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	7440-02-0	Nickel	17 3		mg/kg	4 3	SW846 6010B
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	7440-09-7	Potassium	322	B	mg/kg	533	SW846 6010B
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	7440-22-4	Silver	0 53	U	mg/kg	0.53	SW846 6010B
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	7440-23-5	Sodium	196	B	mg/kg	533	SW846 6010B
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	7440-28-0	Thallium	1 1	U	mg/kg	1 1	SW846 6010B

Truck Scale Relocation Soil Samples
Information sent from V. Bortot in emal format

Quanterra #	Sample #	Sample Type	Date	SDG #	CAS #	Parameter	Amount	Qualifier Code	Units	Reporting Limit	Method
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	7440-36-0	Antimony	0 12	B	mg/kg	1.1	SW846 6010B
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	7440-38-2	Arsenic	4 9		mg/kg	1.1	SW846 6010B
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	7440-39-3	Barium	29 8		mg/kg	21.3	SW846 6010B
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	7440-41-7	Beryllium	0 26	B	mg/kg	0 53	SW846 6010B
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	7440-43-9	Cadmium	0 16	B	mg/kg	0 21	SW846 6010B
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	7440-47-3	Chromium	6.1		mg/kg	0 53	SW846 6010B
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	7440-48-4	Cobalt	11 7		mg/kg	5.3	SW846 6010B
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	7440-50-8	Copper	21		mg/kg	2 7	SW846 6010B
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	7440-62-2	Vanadium	9 1		mg/kg	5.3	SW846 6010B
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	7440-66-6	Zinc	62 4		mg/kg	2.1	SW846 6010B
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	7440-70-2	Calcium	7110		mg/kg	533	SW846 6010B
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	7782-49-2	Selenium	0 53	U	mg/kg	0 53	SW846 6010B
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	100-41-4	Ethylbenzene	5 5	U	ug/kg	5 5	SW846 8260B
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	100-42-5	Styrene	5 5	U	ug/kg	5 5	SW846 8260B
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	10061-01-5	cis-1,3-Dichloropropene	5 5	U	ug/kg	5 5	SW846 8260B
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	10061-02-6	trans-1,3-Dichloropropene	5 5	U	ug/kg	5 5	SW846 8260B
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	107-06-2	1,2-Dichloroethane	5 5	U	ug/kg	5 5	SW846 8260B
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	108-10-1	4-Methyl-2-pentanone	22	U	ug/kg	22	SW846 8260B
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	108-88-3	Toluene	5 5	U	ug/kg	5 5	SW846 8260B
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	108-90-7	Chlorobenzene	5 5	U	ug/kg	5 5	SW846 8260B
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	124-48-1	Dibromochloromethane	5 5	U	ug/kg	5 5	SW846 8260B
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	127-18-4	Tetrachloroethene	5 5	U	ug/kg	5.5	SW846 8260B
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	1330-20-7	Xylenes (total)	5 5	U	ug/kg	5.5	SW846 8260B
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	17060-07-0	1,2-Dichloroethane-d4	93		PERCENT		SW846 8260B
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	1868-53-7	Dibromofluoromethane	86		PERCENT		SW846 8260B
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	2037-26-5	Toluene-d8	67		PERCENT		SW846 8260B
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	460-00-4	4-Bromofluorobenzene	57		PERCENT		SW846 8260B
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	540-59-0	1,2-Dichloroethene (total)	5 5	U	ug/kg	5 5	SW846 8260B
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	56-23-5	Carbon tetrachloride	5 5	U	ug/kg	5.5	SW846 8260B
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	591-78-6	2-Hexanone	22	U	ug/kg	22	SW846 8260B
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	67-64-1	Acetone	22		ug/kg	22	SW846 8260B
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	67-66-3	Chloroform	5 5	U	ug/kg	5 5	SW846 8260B
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	71-43-2	Benzene	5 5	U	ug/kg	5 5	SW846 8260B
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	71-55-6	1,1,1-Trichloroethane	5 5	U	ug/kg	5 5	SW846 8260B
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	74-83-9	Bromomethane	11	U	ug/kg	11	SW846 8260B
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	74-87-3	Chloromethane	11	U	ug/kg	11	SW846 8260B
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	75-00-3	Chloroethane	11	U	ug/kg	11	SW846 8260B
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	75-01-4	Vinyl chloride	11	U	ug/kg	11	SW846 8260B
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	75-09-2	Methylene chloride	2 7	J	ug/kg	5 5	SW846 8260B
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	75-15-0	Carbon disulfide	5 5	U	ug/kg	5.5	SW846 8260B
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	75-25-2	Bromoform	5 5	U	ug/kg	5.5	SW846 8260B
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	75-27-4	Bromodichloromethane	5 5	U	ug/kg	5.5	SW846 8260B
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	75-34-3	1,1-Dichloroethane	5 5	U	ug/kg	5.5	SW846 8260B
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	75-35-4	1,1-Dichloroethene	5 5	U	ug/kg	5 5	SW846 8260B
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	78-87-5	1,2-Dichloropropane	5 5	U	ug/kg	5 5	SW846 8260B
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	78-93-3	2-Butanone	5 5	U	ug/kg	5 5	SW846 8260B
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	79-00-5	1,1,2-Trichloroethane	22	U	ug/kg	22	SW846 8260B
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	79-01-6	Trichloroethene	5 5	U	ug/kg	5 5	SW846 8260B
							5 5	U	ug/kg	5 5	SW846 8260B

Truck Scale Relocation Soil Samples
Information sent from V Bortot in emal format

Quanterra #	Sample #	Sample Type	Date	SDG #	CAS #	Parameter	Amount	Qualifier Code	Units	Reporting Limit	Method
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	79-34-5	1,1,2,2-Tetrachloroethane	5 5	U	ug/kg	5 5	SW846 8260B
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	108-95-2	Phenol	35	U	ug/kg	35	SW846 8041
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	615-58-7	2,4-Dibromophenol	99		PERCENT		SW846 8041
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	7439-97-6	Mercury	0 063	B	mg/kg	0 11	SW846 7471A
C9D230125012	TSR-DUP-2	SOIL	04/22/1999	BBL772	57-12-5	Total Cyanide	2 7	U	mg/kg	2.7	SW846 9012A

Attachment 2

412-820-2148

SAMPLING REQUEST

DATE: APRIL 7, 1999

TO: B. Eulian - BBL cc by e-mail: Nichoison - GE

FROM: A. Cole - GEC AC
Requestor: J. Levesque - GE

RE: TRUCK SCALE RELOCATION

Environmental operations is planning on relocating the truck scale to the 64 parking lot off of East St. The installation will require 5 excavations of about 3 yards apiece. Please check with John Levesque for the timing of this sampling. It should follow the installation of the scale scheduled to be done in the next couple of weeks.

Take a minimum of 3 discrete samples in each pile for PCB analysis (method 8082). Please take a composite sample from each of the piles which will be covered with poly for other area 2 constituents. This includes VOC (method 5035), SVOC (method 8270), Total metals (method 6010), Phenol (method 8040) and Cyanide (method 9010).

201-94-05

BBL Project number: Residential remediation support
Lab & PO#: Quanterra A897-031615 ***Turnaround:*** ~~standard~~ 7 DAY TURNAROUND
Fax copy to: J. Nicholson
Final Copy to: A. Cole
Invoice to: J. Levesque

Please provid[illegible] ...holson in the GE lab.

~~TR-[illegible]~~
TSR-C1

PCB —
VOC - 1 3c ↓ - 1 - 30g encore
SVOC — 8
TOT METAL
PHENOL SD 3-8 oz
CYANIDE

SAMPLING REQUEST

DATE: MAY 6, 1999

TO: B. Eulian - BBL cc: J. Nicholson - GE

FROM: A. Cole - GEC

RE: GENERAL DYNAMICS SPEED BUMP

Please take a composite sample from drums numbered 44870 and 44479 located in bldg. 78 for PCB and TCLP analysis.

BBL Project number: ~~2078~~ 101-95-110.??? General Dynamics/Plastics Ave.
Lab & PO# : Adirondack - GEATC 05
Fax copy to: A. Cole
Final Copy to: J. Nicholson
Invoice to: A. Cole

Please provide a COC to Jeff Nicholson in the GE lab.

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SAMPLING PROGRAM FIELD SUMMARY

TO: Files
FROM: Bruce Eulian
RE: Pittsfield Generating Co. Ballard Installation Drum Sampling (GE Drum #'s 44432, 44433, 44444, 44442)

DATE: June 9, 1999
FILE NO.: 101.95.110
cc: Bill Fessler (GE)

The following is a summary of the sampling program conducted 5/20/99 on the soil in GE Drum # 's 44432, 44433, 44444, and 44442, located in building 78, which originated from the Pittsfield Generating Co. Ballard Installation.

At the request of Aimee Cole (GEC) the following sampling program was implemented

- One (1) field-composite sample was collected for PCB and TCLP (no herbicides or pesticides) analyses

Note:

The sample was collected using a 2" O D piece of Lexan® tube

A summary table of the sampling program has been included (Table 1), along with a drawing showing the site location (Figure 1) Analytical results provided by Adirondack Environmental Services - Albany, NY (Attachment 1) and a copy of the chain of custody that accompanied the sample (Attachment 2) have also been included.

EWK
June 9 1999
C:\WPWIN\insum99\Ballard drum sum wpd (c)

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

Pittsfield Generating Co.
Ballard Installation Drum Sampling
(GE Drum #'s 44432, 44433, 44444 and 44442)

(101.95.110)

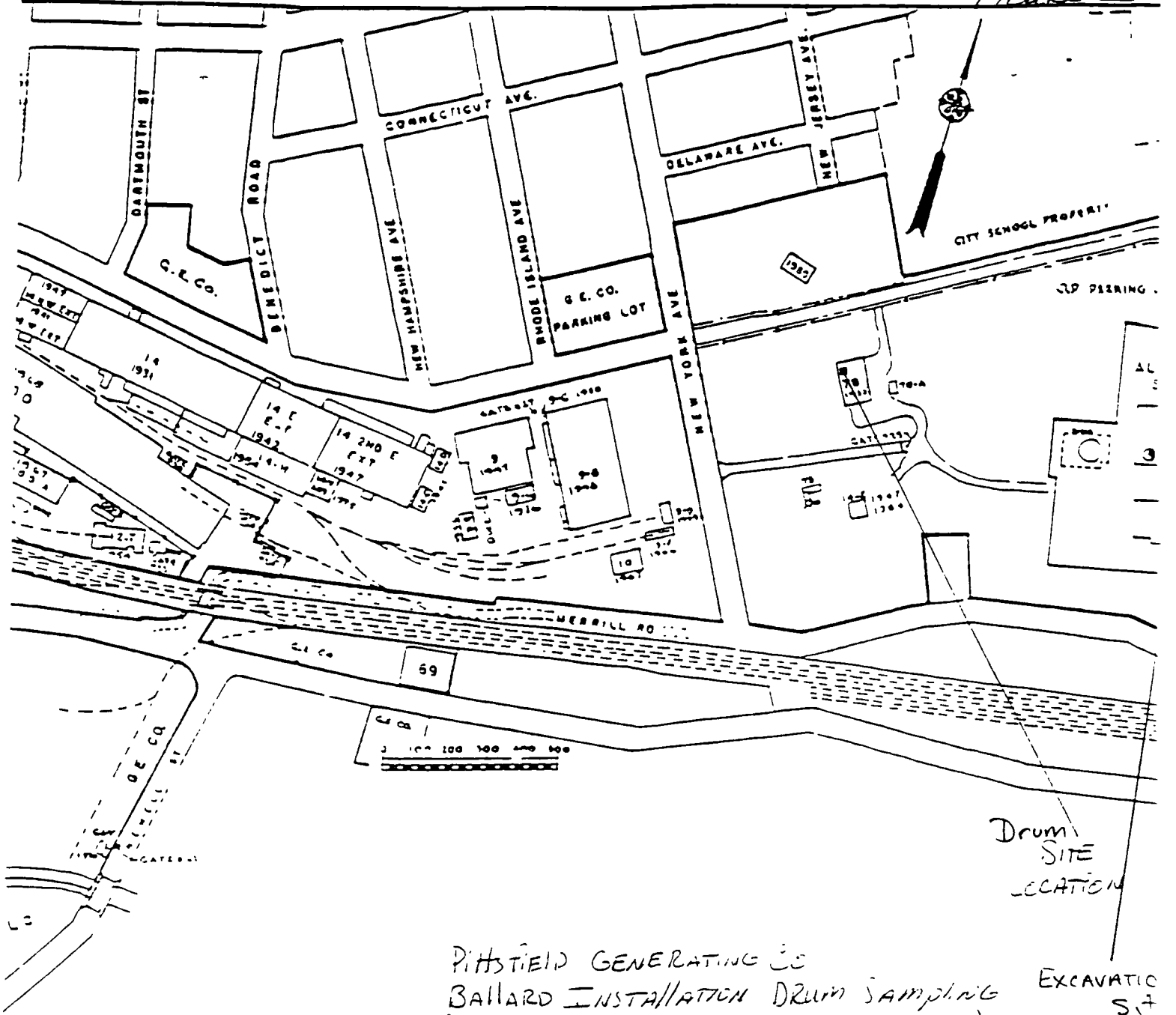
Table 1

LAB ID	SAMPLE DATE	PCBs ppm	SAMPLE MATERIAL	SAMPLE TYPE	SEE FIGURE
PGC-BI-1	5/20/99	6 2	SOIL	FIELD-COMPOSITE	1

NOTES:

SAMPLE WAS COLLECTED USING A 2" O D PIECE OF LEXAN® TUBE
THE SAMPLE WAS ALSO ANALYZED FOR TCLP (NO HERBICIDES OR PESTICIDES). SEE ANALYTICAL RESULTS

FIGURE -1



PITTSFIELD GENERATING CO
BALLARD INSTALLATION DRUM SAMPLING
(DRUMS 44432, 44433, 44444 44442)

(101.95.11C)

PITTSFIELD WOR

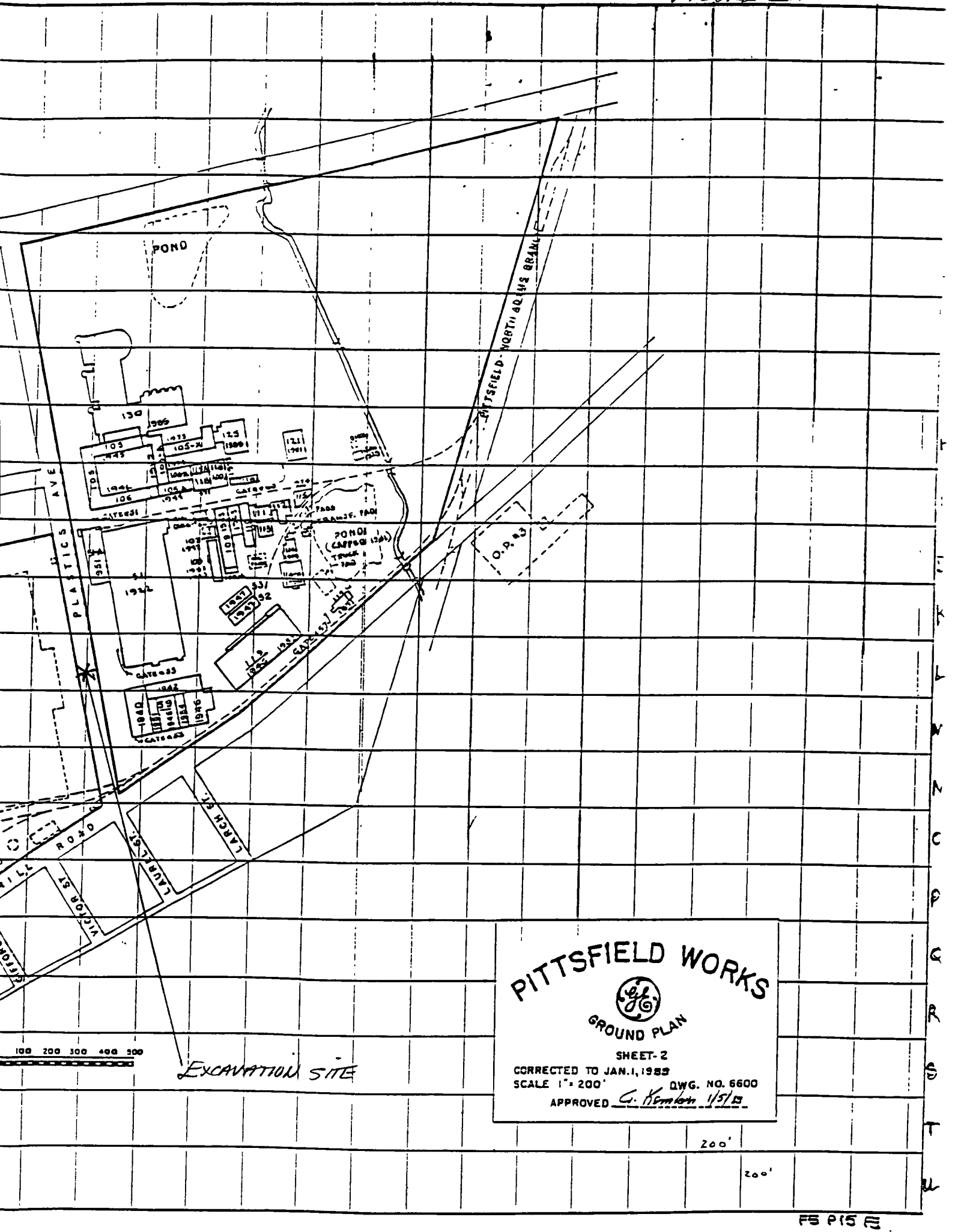
GROUND PLAN

SHEET-1

CORRECTED TO JAN 1, 1994

SCALE 1"=200'

DWG NO 5



PITTSFIELD WORKS

GROUND PLAN

SHEET-2

CORRECTED TO JAN. 1, 1982

SCALE 1" = 200' DWG. NO. 6600

APPROVED C. Kemlon 1/5/83

FS P15 E

Attachment 1

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LABORATORY REPORT

for

General Electric Company
Mail Drop C23
100 Woodlawn Avenue
Pittsfield, MA 01201

Attention: J. Nicholson C23

Purchase Order #: 101.95.110
PJ:GEATC 05

Report date: 06/03/99
Number of samples analyzed: 1
AES Project ID: 990521AB
Invoice #: 200478

CC: B.E. Eulain

CC: A. Cole
ELAP ID#: 10709

AIHA ID#: 7865

Adirondack

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CLIENT: General Electric Company
CLIENT'S SAMPLE ID: GD-SB-1
AES sample #: 990521AB01

Date Sampled: 05/20/99
Date sample received: 05/21/99
Samples taken by: S.L.L./A.M.
MATRIX: Solid Sample
Location: General Dynamic composite

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
PCB-1016	EPA-8082	<1.1	ug/g Dry	KF-PCB-AC8	05/25/99
PCB-1221	EPA-8082	<1.1	ug/g Dry	KF-PCB-AC8	05/25/99
PCB-1232	EPA-8082	<1.1	ug/g Dry	KF-PCB-AC8	05/25/99
PCB-1242	EPA-8082	<1.1	ug/g Dry	KF-PCB-AC8	05/25/99
PCB-1248	EPA-8082	<1.1	ug/g Dry	KF-PCB-AC8	05/25/99
PCB-1254	EPA-8082	<1.1	ug/g Dry	KF-PCB-AC8	05/25/99
PCB-1260	EPA-8082	<1.1	ug/g Dry	KF-PCB-AC8	05/25/99
TCLP Extraction (ZHE)	EPA-1311	Complete		MG-BT-1	05/24/99
Benzene - TCLP Extract	EPA-8260	<85	ug/l	MG-BT-1	05/25/99
Carbon Tetrachloride-TCLP Ext.	EPA-8260	<85	ug/l	MG-BT-1	05/25/99
Chlorobenzene-TCLP Extract	EPA-8260	<85	ug/l	MG-BT-1	05/25/99
Chloroform-TCLP Extract	EPA-8260	<85	ug/l	MG-BT-1	05/25/99
1,2-Dichloroethane-TCLP Ext.	EPA-8260	<85	ug/l	MG-BT-1	05/25/99
1,1-Dichloroethene-TCLP Ext.	EPA-8260	<85	ug/l	MG-BT-1	05/25/99
Methyl Ethyl Ketone-TCLP Ext.	EPA-8260	<170	ug/l	MG-BT-1	05/25/99
Tetrachlorethylene-TCLP Ext.	EPA-8260	<85	ug/l	MG-BT-1	05/25/99
Trichloroethylene-TCLP Extract	EPA-8260	<85	ug/l	MG-BT-1	05/25/99
Vinyl Chloride-TCLP Extraction	EPA-8260	<170	ug/l	MG-BT-1	05/25/99
TCLP Extraction	EPA-1311	Complete		METALS	05/24/99
Nitrobenzene-TCLP Extract	EPA-8270	<100	ug/l	MT-BU-13	05/27/99

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CLIENT: General Electric Company
CLIENT'S SAMPLE ID: GD-SB-1
AES sample #: 990521AB01
Samples taken by: S.L.L./A.M.
MATRIX: Solid Sample
Date Sampled: 05/20/99
Date sample received: 05/21/99
Location: General Dynamic composite

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Pyridine-TCLP Extract	EPA-8270	<100	ug/l	MT-BU-13	05/27/99
Cresols (Total) TCLP Extract.	EPA-8270	<100	ug/l	MT-BU-13	05/27/99
1,4-Dichlorobenzene-TCLP Ext.	EPA-8270	<100	ug/l	MT-BU-13	05/27/99
2,4-Dinitrotoluene-TCLP Ext.	EPA-8270	<100	ug/l	MT-BU-13	05/27/99
Hexachlorobenzene-TCLP Extract	EPA-8270	<100	ug/l	MT-BU-13	05/27/99
Hexachlorobutadiene-TCLP Ext.	EPA-8270	<100	ug/l	MT-BU-13	05/27/99
Hexachloroethane-TCLP Extract	EPA-8270	<100	ug/l	MT-BU-13	05/27/99
Pentachlorophenol-TCLP Extract	EPA-8270	<500	ug/l	MT-BU-13	05/27/99
2,4,5-Trichlorophenol-TCLP Ext	EPA-8270	<100	ug/l	MT-BU-13	05/27/99
2,4,6-Trichlorophenol-TCLP Ext	EPA-8270	<100	ug/l	MT-BU-13	05/27/99
Arsenic-TCLP Extraction	EPA-6010	<0.5	mg/l	CG-I-1N-60	05/27/99
Barium-TCLP Extraction	EPA-6010	0.17	mg/l	CG-I-1N-60	05/27/99
Cadmium-TCLP Extraction	EPA-6010	<0.01	mg/l	CG-I-1N-60	05/27/99
Chromium-TCLP Extraction	EPA-6010	<0.05	mg/l	CG-I-1N-60	05/27/99
Lead-TCLP Extraction	EPA-6010	<0.5	mg/l	CG-I-1N-60	05/27/99
Mercury-TCLP Extraction	EPA-7470	<0.02	mg/l	KH-PSN-41	05/25/99
Selenium-TCLP Extraction	EPA-6010	<0.1	mg/l	CG-I-1N-60	05/27/99
Silver-TCLP Extraction	EPA-6010	<0.02	mg/l	CG-I-1N-60	05/27/99

APPROVED BY: Christopher Hess
Report date: 06/03/99

Attachment 2

BBL
BLASLAND, BOUCK & LEE, INC
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REQUEST FOR SAMPLING

TO: Files
FROM: Bruce Eulian
RE: Building 14 Water Main Repair Soil and Concrete Sampling Program

DATE: July 9, 1999
FILE NO.: 201.78.17

INITIATOR: Aimee Cole (GEC)

DATE: 6/16 /99

LOCATION: Bldg 14SS

CONTACT PERSON: Aimee Cole (GEC) **EXT:** 2534

ITEM DESCRIPTION:

1.) Soil and Concrete

PURPOSE: To collect samples at G.E.'s request for disposal classification of the soil and concrete placed in building 14SS which originated from the repair of a broken water main in Building 14

NOTES: See attached sample request letter from Aimee Cole (GEC) to Bruce Eulian (BBL) dated June 16, 1999

1.) Three (3) discrete-grab samples of soil and one (1) field composite sample of concrete are to be collected for PCBs (Method 8082) analysis. The soil samples are to be screened for Volatile Organic Compounds in accordance with the ***Protocols for the Management of Excavation Activities***. If any of the PID readings are greater than 10 units, VOC and 1,2,4 Trichlorobenzene analysis will also be performed on those samples.

2.) One (1) field composite sample of soil is to be collected for TCLP analysis, excluding pesticides and herbicides.

3.) GE requests that the samples collected be analyzed by Adirondack Environmental Services, Inc. - Albany, NY, under PO GEATC05.

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1 of 1

A full service analytical research laboratory offering solutions to environmental concerns

CHAIN OF CUSTODY RECORD

CLIENT NAME: Blasland Bouck + Lee

PROJECT NAME (Location): GENERAL DYNAMICS SPEED BUMP DRUM SAMPLING

SAMPLERS: (Names) STEPHEN L. LEWITT / ALEX MARCONI

ADDRESS: GE Pittsfield

PO NUMBER: 101.95.110

SAMPLERS: (Signature)

100 WOODLAWN AVE

GEATC 05

AES SAMPLE NUMBER	CLIENT SAMPLE IDENTIFICATION & LOCATION	DATE SAMPLED	TIME A=a.m. P=p.m.		SAMPLE TYPE MATRIX	COMP	GRAB	NUMBER OF CONT'S	ANALYSIS REQUIRED
990521AB01	GD-SB-1	5/20/99	1350	P	Asphalt	X		3	PCBs + TCLP EXCLUDING PESTICIDES + HERBICIDES

Turnaround Time: STANDARD TURNAROUND TIME REQUESTED

Laboratory Approval:

Relinquished by: (Signature)	Received by: (Signature)	Date/Time
[signature]	[signature]	5/21 11:20
Relinquished by: (Signature)	Received by: (Signature)	Date/Time
Relinquished by: (Signature)	Received by: (Signature)	Date/Time

Dispatched by: (Signature) | Date/Time | Received for Laboratory by: [signature] | Date/Time 5/21/99 12:30

Method of Shipment: PICKED UP BY COURIER

Send Report To: D. EWLIAN, A. COLE, J. Nicholson

Client Phone No.: (413) 454-4317

The Laboratory reserves the right to return hazardous samples to the client or may levy an appropriate fee per container for disposal.

WHITE - Lab Copy YELLOW - Sampler Copy PINK - Generator Copy

Adirondack Environmental Services Inc.

SAMPLING REQUEST

DATE: JUNE 16, 1999

TO: B. Eulian - BBL cc by e-mail: J. Nicholson

FROM: A. Cole - GEC

RE: BLDG. 14 WATER MAIN REPAIR

Please sample the material generated from the repair of a broken water main in bldg. 14. The material is piled in 14SS and marked. Take 3 samples for for PCB method 8082, dry weight analysis. Take a composite of the pile for TCLP analysis, no pest, no herb. Take PID readings on the soil. If the PID comes back higher than 10 units please take samples for VOC and 1,2,4 trichlorobenzene analysis in accordance with the *Protocols for the Management of Excavation Activities*. There is concrete involved so take a separate composite of the concrete for PCB only please.

BBL Project number: 201 78.17
Turnaround time: Standard
Lab & PO# : Adirondack - GEATC 05
Note: We always need a method detection limit of 1 ppm on soils please
Fax copy to: J. Nicholson
Final Copy to: A. Cole
Invoice to: A. Cole

Please provide a COC to Jeff Nicholson in the GE lab

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

SAMPLING PROGRAM FIELD SUMMARY

TO: Files
FROM: Bruce Eulian
RE: Building 14 Water Main Repair Soil And Concrete Sampling Program

DATE: July 9, 1999
FILE NO.: 201.78.17
cc: Bill Fessler (GE)

The following is a summary of the sampling program conducted 6/18/99 on the soil and concrete placed in Building 14SS. The soil and concrete originated from the repair of a broken water main in Building 14.

At the request of Aimee Cole (GEC) the following sampling program was implemented:

- Three (3) discrete-grab samples of soil and one (1) field composite sample of concrete were collected for PCBs (Method 80882) analysis
- One (1) field composite sample of soil was collected for TCLP analysis, excluding herbicides and pesticides.
- PID readings were obtained on the soil samples in accordance with the ***Protocols for the Management of Excavation Activities***. None of the samples required VOC or 1,2,4 Trichlorobenzene analysis.

Notes:

The soil pile was approximately 10 cubic yards.

The concrete pile was approximately 5 cubic yards

The soil samples were collected using a clear Lexan® tube.

The concrete sample was collected using a Hilti hammer drill with a 1" bit.

A summary table of the sampling program has been included (Table 1), along with a drawings showing the site location (Figure 1) and sample locations (Figure 2). Analytical results provided by Adirondack Environmental Services, Inc. - Albany, NY (Attachment 1), a PID calibration form (Attachment 2) and a copy of the chain of custody that accompanied the samples (Attachment 3) have also been included.

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engineers & scientists

Building 14 Water Main Repair Soil and Concrete Sampling Program

(201.78.17)

Table 1

LAB ID	SAMPLE DATE	PCBs (ppm)	PID READINGS (PPM)	TCLP	SAMPLE MATERIAL	SAMPLE TYPE	SAMPLE LOCATION	SEE FIGURE
BLDG 14-WMR-1	6/18/99	<1 1	0 5	N/A	SOIL	DISCRETE-GRAB	1	2
BLDG 14-WMR-2	6/18/99	<1 1	0 6	N/A	SOIL	DISCRETE-GRAB	2	2
BLDG 14-WMR-3	6/18/99	<1 1	0 4	N/A	SOIL	DISCRETE-GRAB	3	2
BLDG 14-WMR-4	6/18/99	N/A	N/A	SEE RESULTS	SOIL	FIELD-COMPOSITE	123	2
BLDG 14-WMR-C1	6/18/99	<1	N/A	N/A	CONCRETE	FIELD-COMPOSITE	4	2
BLDG-14-WMR-DUP-1	6/18/99	<1 1	N/A	N/A	SOIL	DISCRETE-GRAB	3	2

Notes:

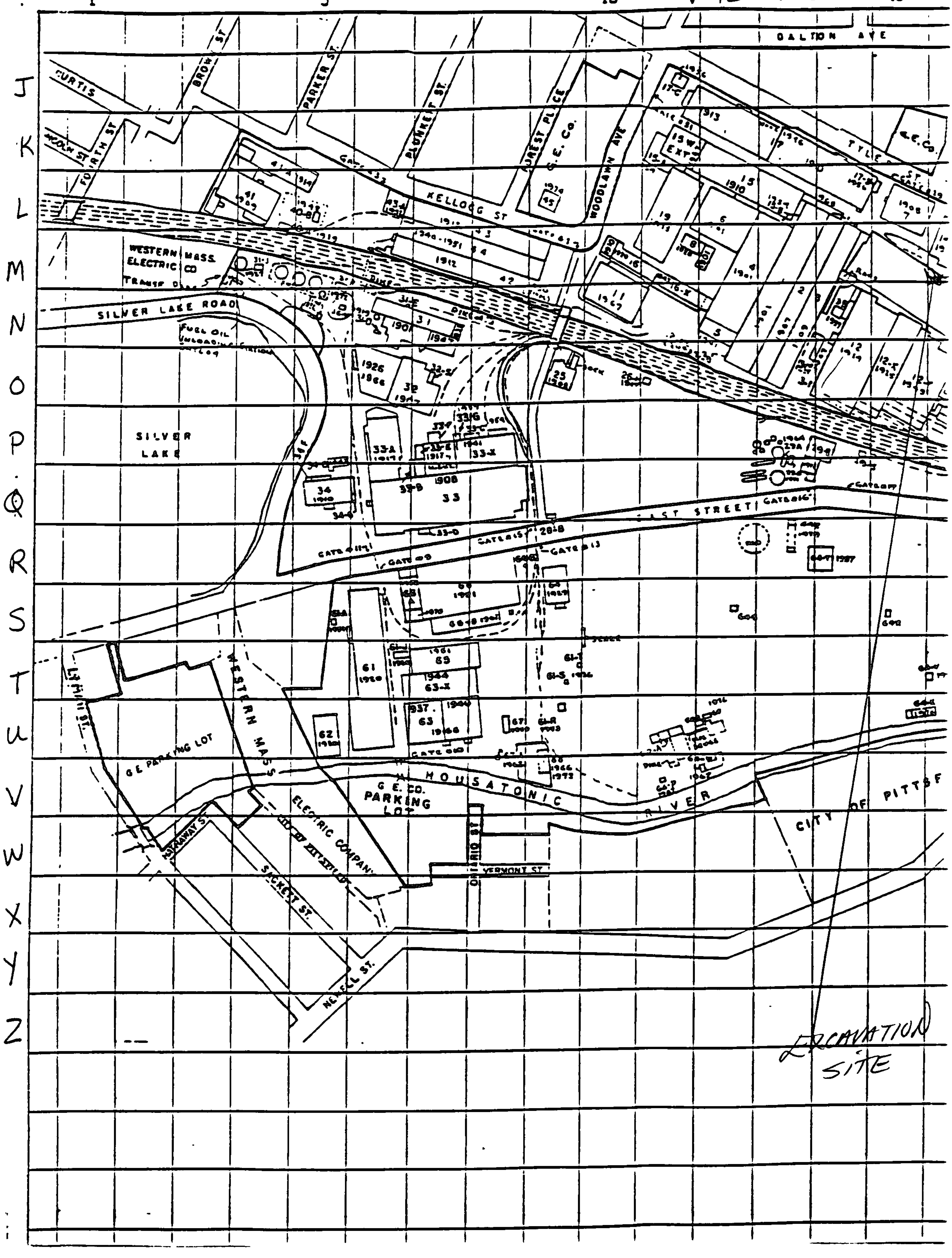
The soil samples were collected using a clear Lexan® tube

The concrete sample was collected using a Hilti hammer drill with a 1" bit

BLDG-14-WMR-DUP-1 is a blind duplicate of sample **BLDG-14-WMR-3**

An **MS/MSD** was performed on sample **BLDG-14-WMR-1**

FIGURE 1

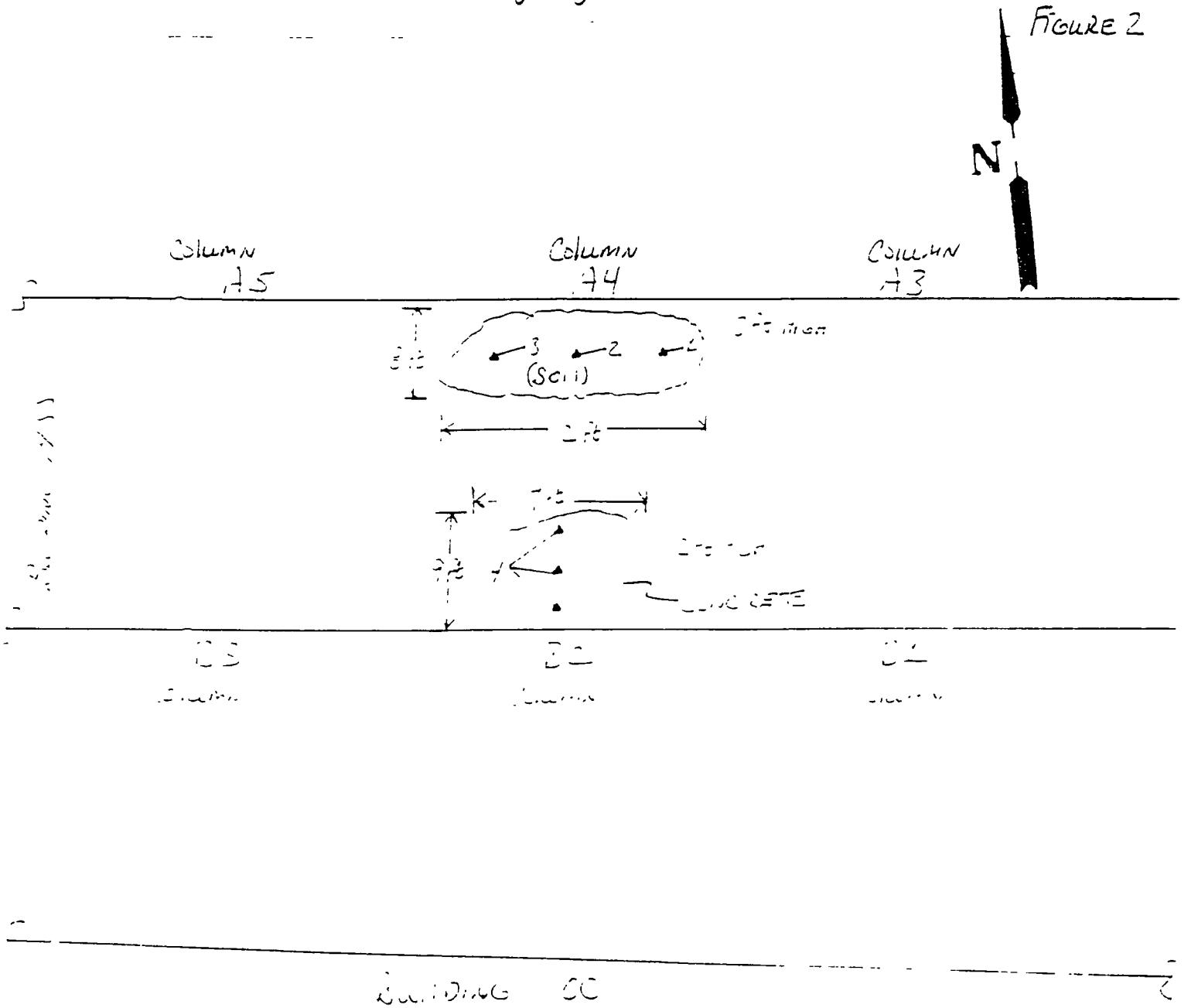


DALTON AVE
BROWN ST
PARKER ST
KELLOGG ST
WOODLAWN AVE
G.E. CO.
WESTERN MASS. ELECTRIC CO
SILVER LAKE ROAD
SILVER LAKE
EAST STREET
GE PARKING LOT
G.E. CO. PARKING LOT
HOUSATONIC RIVER
WESTERN MASS. ELECTRIC COMPANY
VERMONT ST
CITY OF PITTSF
EXCAVATION SITE

BLASLAND, BOUCK & LEE
ENGINEERS & GEOSCIENTISTS

FIGURE 2

SUBJECT	PROJ NO	BY	DATE	SHEET
Building 14 Water Main Repair Soil and Concrete Sampling Program	201.78.17	SLL	6/18/99	1



LEGEND (NOT TO SCALE)

• SAMPLE LOCATIONS

CONCRETE MAIN SAMPLE

Attachment 1

Adirondack Environmental Services, Inc.
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LABORATORY REPORT

for

General Electric Company
Mail Drop C23
100 Woodlawn Avenue
Pittsfield, MA 01201

Attn: A. Cole (Original) 23
B. Eulian
File

Purchase Order #: 201.78.17
PJ:GEATC 05

Report date: 07/06/99
Number of samples analyzed: 8
AES Project ID: 990619 E
Invoice #: 201458

CC: A. Cole (GE)

ELAP ID#: 10709

AIHA ID#: 7866

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CLIENT: General Electric Company
CLIENT'S SAMPLE ID: Bldg 14-WMR-1
AES sample #: 990619 E01
Samples taken by: S. Lewitt
MATRIX: Soil
Date Sampled: 06/18/99
Date sample received: 06/21/99
Location: BLD 14
grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
PCB-1016	EPA-8082	<1.1	ug/g Dry	KF-PCBAC19	06/21/99
PCB-1221	EPA-8082	<1.1	ug/g Dry	KF-PCBAC19	06/21/99
PCB-1232	EPA-8082	<1.1	ug/g Dry	KF-PCBAC19	06/21/99
PCB-1242	EPA-8082	<1.1	ug/g Dry	KF-PCBAC19	06/21/99
PCB-1248	EPA-8082	<1.1	ug/g Dry	KF-PCBAC19	06/21/99
PCB-1254	EPA-8082	<1.1	ug/g Dry	KF-PCBAC19	06/21/99
PCB-1260	EPA-8082	<1.1	ug/g Dry	KF-PCBAC19	06/21/99

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CLIENT: General Electric Company
CLIENT'S SAMPLE ID: Bldg 14-WMR-1 MS
AES sample #: 990619 E02
Samples taken by: S. Lewitt
MATRIX: Soil
Date Sampled: 06/18/99
Date sample received: 06/21/99
Location: BLD 14
grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
PCB-1242	EPA-8082	133.4	%	KF-PCBAC19	06/21/99
PCB-1260	EPA-8082	120.8	%	KF-PCBAC19	06/21/99

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CLIENT: General Electric Company
CLIENT'S SAMPLE ID: Bldg 14-WMR-1 MSD
AES sample #: 990619 E03
Samples taken by: S. Lewitt
MATRIX: Soil
Date Sampled: 06/18/99
Date sample received: 06/21/99
Location: BLD 14
grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
PCB-1242	EPA-8082	110	%	KF-PCBAC19	06/21/99
PCB-1260	EPA-8082	118.6	%	KF-PCBAC19	06/21/99

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CLIENT: General Electric Company
CLIENT'S SAMPLE ID: Bldg 14-WMR-2
AES sample #: 990619 E04
Samples taken by: S. Lewitt
MATRIX: Soil
Date Sampled: 06/18/99
Date sample received: 06/21/99
Location: BLD 14
grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
PCB-1016	EPA-8082	<1.1	ug/g Dry	KF-PCBAC19	06/21/99
PCB-1221	EPA-8082	<1.1	ug/g Dry	KF-PCBAC19	06/21/99
PCB-1232	EPA-8082	<1.1	ug/g Dry	KF-PCBAC19	06/21/99
PCB-1242	EPA-8082	<1.1	ug/g Dry	KF-PCBAC19	06/21/99
PCB-1248	EPA-8082	<1.1	ug/g Dry	KF-PCBAC19	06/21/99
PCB-1254	EPA-8082	<1.1	ug/g Dry	KF-PCBAC19	06/21/99
PCB-1260	EPA-8082	<1.1	ug/g Dry	KF-PCBAC19	06/21/99

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CLIENT: General Electric Company
CLIENT'S SAMPLE ID: Bldg 14-WMR-3
AES sample #: 990619 E05
Samples taken by: S. Lewitt
MATRIX: Soil
Date Sampled: 06/18/99
Date sample received: 06/21/99
Location: BLD 14
grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
PCB-1016	EPA-8082	<1.1	ug/g Dry	KF-PCBAC19	06/21/99
PCB-1221	EPA-8082	<1.1	ug/g Dry	KF-PCBAC19	06/21/99
PCB-1232	EPA-8082	<1.1	ug/g Dry	KF-PCBAC19	06/21/99
PCB-1242	EPA-8082	<1.1	ug/g Dry	KF-PCBAC19	06/21/99
PCB-1248	EPA-8082	<1.1	ug/g Dry	KF-PCBAC19	06/21/99
PCB-1254	EPA-8082	<1.1	ug/g Dry	KF-PCBAC19	06/21/99
PCB-1260	EPA-8082	<1.1	ug/g Dry	KF-PCBAC19	06/21/99

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CLIENT: General Electric Company
CLIENT'S SAMPLE ID: Bldg 14-WMR-4
AES sample #: 990619 E06 Samples taken by: S. Lewitt Location: BLD 14
MATRIX: Soil composite
Date Sampled: 06/18/99
Date sample received: 06/21/99

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
TCLP Extraction (ZHE)	EPA-1311	Complete		MG-BT-13	06/21/99
Benzene - TCLP Extract	EPA-8260	<85	ug/l	MG-BT-13	06/23/99
Carbon Tetrachloride-TCLP Ext.	EPA-8260	<85	ug/l	MG-BT-13	06/23/99
Chlorobenzene-TCLP Extract	EPA-8260	<85	ug/l	MG-BT-13	06/23/99
Chloroform-TCLP Extract	EPA-8260	<85	ug/l	MG-BT-13	06/23/99
1,2-Dichloroethane-TCLP Ext.	EPA-8260	<85	ug/l	MG-BT-13	06/23/99
1,1-Dichloroethene-TCLP Ext.	EPA-8260	<85	ug/l	MG-BT-13	06/23/99
Methyl Ethyl Ketone-TCLP Ext.	EPA-8260	<170	ug/l	MG-BT-13	06/23/99
Tetrachlorethylene-TCLP Ext.	EPA-8260	<85	ug/l	MG-BT-13	06/23/99
Trichloroethylene-TCLP Extract	EPA-8260	<85	ug/l	MG-BT-13	06/23/99
Vinyl Chloride-TCLP Extraction	EPA-8260	<170	ug/l	MG-BT-13	06/23/99
TCLP Extraction	EPA-1311	Complete		METALS	06/21/99
Nitrobenzene-TCLP Extract	EPA-8270	<100	ug/l	MT-EU-25	06/30/99
Pyridine-TCLP Extract	EPA-8270	<100	ug/l	MT-EU-25	06/30/99
Cresols (Total) TCLP Extract.	EPA-8270	<100	ug/l	MT-EU-25	06/30/99
1,4-Dichlorobenzene-TCLP Ext.	EPA-8270	<100	ug/l	MT-EU-25	06/30/99
2,4-Dinitrotoluene-TCLP Ext.	EPA-8270	<100	ug/l	MT-EU-25	06/30/99
Hexachlorobenzene-TCLP Extract	EPA-8270	<100	ug/l	MT-EU-25	06/30/99
Hexachlorobutadiene-TCLP Ext.	EPA-8270	<100	ug/l	MT-EU-25	06/30/99
Hexachloroethane-TCLP Extract	EPA-8270	<100	ug/l	MT-EU-25	06/30/99

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CLIENT: General Electric Company
CLIENT'S SAMPLE ID: Bldg 14-WMR-4
AES sample #: 990619 E06 Samples taken by: S. Lewitt
MATRIX: Soil

Date Sampled: 06/18/99
Date sample received: 06/21/99
Location: BLD 14
composite

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Pentachlorophenol-TCLP Extract	EPA-8270	<500	ug/l	MT-BU-25	06/30/99
2,4,5-Trichlorophenol-TCLP Ext	EPA-8270	<100	ug/l	MT-BU-25	06/30/99
2,4,6-Trichlorophenol-TCLP Ext	EPA-8270	<100	ug/l	MT-BU-25	06/30/99
Arsenic-TCLP Extraction	EPA-6010	<0.5	mg/l	SM-I-2E-56	06/21/99
Barium-TCLP Extraction	EPA-6010	0.09	mg/l	SM-I-2E-56	06/21/99
Cadmium-TCLP Extraction	EPA-6010	<0.01	mg/l	SM-I-2E-56	06/21/99
Chromium-TCLP Extraction	EPA-6010	<0.05	mg/l	SM-I-2E-56	06/21/99
Lead-TCLP Extraction	EPA-6010	<0.5	mg/l	SM-I-2E-56	06/21/99
Mercury-TCLP Extraction	EPA-7470	<0.02	mg/l	KH-PSN-59	06/22/99
Selenium-TCLP Extraction	EPA-6010	<0.1	mg/l	SM-I-2E-56	06/21/99
Silver-TCLP Extraction	EPA-6010	<0.01	mg/l	SM-I-2E-56	06/21/99

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CLIENT: General Electric Company
CLIENT'S SAMPLE ID: Bldg 14-WMR-C1
AES sample #: 990619 E07
Samples taken by: S. Lewitt
MATRIX: Solid Sample
Date Sampled: 06/18/99
Date sample received: 06/21/99
Location: BLD 14 composite

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
PCB-1016	EPA-8082	<1	ug/g Dry	KF-PCBAC19	06/21/99
PCB-1221	EPA-8082	<1	ug/g Dry	KF-PCBAC19	06/21/99
PCB-1232	EPA-8082	<1	ug/g Dry	KF-PCBAC19	06/21/99
PCB-1242	EPA-8082	<1	ug/g Dry	KF-PCBAC19	06/21/99
PCB-1248	EPA-8082	<1	ug/g Dry	KF-PCBAC19	06/21/99
PCB-1254	EPA-8082	<1	ug/g Dry	KF-PCBAC19	06/21/99
PCB-1260	EPA-8082	<1	ug/g Dry	KF-PCBAC19	06/21/99

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CLIENT: General Electric Company
CLIENT'S SAMPLE ID: Bldg 14-WMR-Dup-1
AES sample #: 990619 E08
Samples taken by: S. Lewitt
MATRIX: Soil
Date Sampled: 06/18/99
Date sample received: 06/21/99
Location: BLD 14
grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
PCB-1016	EPA-8082	<1.1	ug/g Dry	KF-PCBAC19	06/21/99
PCB-1221	EPA-8082	<1.1	ug/g Dry	KF-PCBAC19	06/21/99
PCB-1232	EPA-8082	<1.1	ug/g Dry	KF-PCBAC19	06/21/99
PCB-1242	EPA-8082	<1.1	ug/g Dry	KF-PCBAC19	06/21/99
PCB-1248	EPA-8082	<1.1	ug/g Dry	KF-PCBAC19	06/21/99
PCB-1254	EPA-8082	<1.1	ug/g Dry	KF-PCBAC19	06/21/99
PCB-1260	EPA-8082	<1.1	ug/g Dry	KF-PCBAC19	06/21/99

APPROVED BY: _____
Report date: 07/06/99

Attachment 2

BBL
BLASLAND, BOUCK & LEE, INC
engineers & scientists

PHOTOIONIZATION DETECTOR (PID) - MicroTIP™ HL-2000 CALIBRATION FORM

Building 14 Water Main Repair Soil and Concrete Sampling Program

(201.78.17)

Date: 6/18/99

		Initials
1.)	Connect the regulator to the span gas cylinder	SLL
2.)	Open the valve on the gas bag by turning the valve stem fully counterclockwise	SLL
3.)	Attach the nut to the regulator	SLL
4.)	Turn the regulator knob counterclockwise about half a turn	SLL
5.)	Fill the gas bag about half full and then close the regulator fully clockwise	SLL
6.)	Disconnect the bag from the adapter and empty it. Flush bag two (2) times with span gas and then fill it	SLL
7.)	Close the gas bag by turning the valve clockwise	SLL
8.)	Press CAL and enter the desired response factor 1.00	SLL
9.)	**Connect zero gas then press** ENTER will display Expose meter to ambient air and press ENTER	SLL
10.)	Meter displays **Calibrating now, please wait...** then asks for span gas concentration enter 100.00 and then press ENTER	SLL
11.)	Connect span gas and then press ENTER	SLL
12.)	Meter displays **Calibrating now, please wait...**	SLL
13.)	Meter displays **100 ppm** and then goes to ready mode unit is calibrated	SLL

Attachment 3

Adirondack Environmental Services, Inc.
314 North Pearl Street
Albany, New York 12207
518-434-4546/434-0891 FAX

Rec'd SAT

A full service analytical research laboratory offering solutions to environmental concerns

CHAIN OF CUSTODY RECORD

BLASLAND BOUCK & LEE

CLIENT NAME	PROJECT NAME (Location)	SAMPLERS. (Names)
GE Pittsfield	BLDG 14 WATER MAIN REPAIR SLIP + CONCRETE SAWING	STEPHEN CELMIT
ADDRESS	PO NUMBER 20178.17 GEATC05	SAMPLERS: (Signature)
100 WOODLAWN AVE		

AES SAMPLE NUMBER	CLIENT SAMPLE IDENTIFICATION & LOCATION	DATE SAMPLED	TIME A=a.m. P=p.m.		SAMPLE TYPE MATRIX	COMP	GRAB	NUMBER OF CONT'S	ANALYSIS REQUIRED
990619 E01/E02/E03	Bldg 14-WMR-1	6/18/99	1240	A P	Soil		✓	2	PCB's & MS/MSD
E04	Bldg 14-WMR-2	↓	1245	A P	↓		✓	1	PCB's
E05	Bldg 14-WMR-3	↓	1250	A P	↓		✓	1	PCBs
E06	Bldg 14-WMR-4	↓	1255	A P	↓	✓		2	TCLP excl. ~~Pest/Herb~~
E07	Bldg 14-WMR-C1	↓	1300	A P	Con-crete	✓		1	PCBs
E08	~~Bldg~~ Bldg 14-WMR-DUP-1	6/18/99	—	A P	Soil		✓	1	PCB
				A P					* DETECTION LIMIT
	INVOICE TO A COLE (GE)			A P					of 1,000 ppm for
				A P					~~PCB~~ PCBs
				A P					
				A P					
				A P					

Turnaround Time:	Laboratory Approval:
Standard TAT Please	

Relinquished by: (Signature)	Received by: (Signature)	Date/Time
	for CE'DS	6/18/99 14:25
Relinquished by: (Signature)	Received by: (Signature)	Date/Time
Relinquished by: (Signature)	Received by: (Signature)	Date/Time

Dispatched by: (Signature)	Date/Time	Received for Laboratory by:	Date/Time
		M. L	6/21/99 7:00 Am

Method of Shipment:	Send Report To: J. Nicholson A Cole	Client Phone No.:
Dikewood Courier		(413) 494 4317

The Laboratory reserves the right to return hazardous samples to the client or may levy an appropriate fee per container for disposal.

WHITE - Lab Copy YELLOW - Sampler Copy PINK - Generator Copy

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

REQUEST FOR SAMPLING

TO: Files
FROM: Bruce Eulian
RE: 3C Yard Collapsed Manhole Repair
Drum Sampling
(GE Drum #'s 44510, 44540, 44538, 44539
44511, 44536, and 44537.)

DATE: November 16, 1999
FILE NO.: 201.78.10

INITIATOR: A Cole (GEC)

DATE: 10/4/99

LOCATION: Bldg 12-STS Annex

CONTACT PERSON: Aimee Cole (GEC) **EXT:** 2534

ITEM DESCRIPTION:

1.) Soil

PURPOSE: To collect samples at G.E.'s request for disposal classification of the soil in GE Drum #'s 44510, 44540, 44538, 44539, 44511, 44536, and 44537, which originated from a collapsed manhole in the Bldg 3C yard.

NOTES: See attached sample request letter from Aimee Cole (GEC) to Bruce Eulian (BBL) dated September 23, 1999.

1.) One (1) composite sample from the seven drums is to be collected for PCB (Method 8082) analysis.

2.) GE requests that the sample collected be analyzed by Adirondack Environmental Services, Albany NY. under P.O.# A899-025445.

SAMPLING REQUEST

SEPTEMBER 23, 1999

TO: B. Eulian - BBL cc: J. Nicholson - GE

FROM: A. Cole - GEC

RE: 3C YARD COLLAPSED MANHOLE REPAIR

Please take a composite sample of the material in drums
44510
44540
44538
44539
44511
44536
44537
Located in bldg. 12 STS annex for PCB analysis (method 8082). Please take PID readings on the soil (not masonry). If the PID comes back higher than 10 units please take a composite sample for VOC and 1,2,4 trichlorobenzene analysis of the material.

BBL Project number: 201.78.10
Turnaround: Standard
Lab & PO#: Adirondack – A899-025445
Fax copy to: J. Nicholson
Final Copy to: A. Cole
Invoice to: A. Cole

Please provide a COC to Jeff Nicholson in the GE lab.

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

SAMPLING PROGRAM FIELD SUMMARY

TO: Files
FROM: Bruce Eulian
RE: 3C Yard Collapsed Manhole Repair
Drum Sampling
(GE Drum #'s 44510, 44540, 44538, 44539, 44511, 44536, and 44537)

DATE: November 16, 1999
FILE NO.: 201.78.10
cc: J Nicholson (GE)

The following is a summary of the sampling program conducted 10/4/99 on the soil in GE Drum #'s 44510, 44540, 44538, 44539, 44511, 44536, and 44537. The GE Drum's originated from a collapsed manhole in the Bldg. 3C yard,

At the request of Aimee Cole (GEC) the following sampling program was implemented:

- One (1) composite sample from the seven drums was collected for PCB (Method 8082) analysis.

Note:

The samples were collected using a clear lexan tube.

A summary table of the sampling program has been included (Table 1), along with a drawing showing the site location (Figure 1). Analytical results provided by Adirondack Environmental Services, Albany, NY. (Attachment 1) and a copy of the chain of custody that accompanied the sample (Attachment 2) have also been included.

Bwk
November 16 1999
C:\WPWIN\insum99\7801_3C_manh_drum sum wpd (c)

Adirondack Environmental Services, Inc.
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CLIENT: General Electric Company
CLIENT'S SAMPLE ID: 5-CB-1 MSD
AES sample #: 990917ASO5
Samples taken by: A.Marconi
MATRIX: Soil
Date Sampled: 09/17/99
Date sample received: 09/20/99
Location: Bldg 5,17,3C
composite

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
PCB	EPA-8082	112	%	KF-PCBAD15	09/20/99

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CLIENT: General Electric Company
CLIENT'S SAMPLE ID: 5-CB-1 MS
AES sample #: 990917AS04
Samples taken by: A.Marconi
MATRIX: Soil
Date Sampled: 09/17/99
Date sample received: 09/20/99
Location: Bldg 5,17,3C composite

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
PCB	EPA-8082	114	%	KF-PCBAD15	09/20/99

Adirondack Environmental Services, Inc.
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CLIENT: General Electric Company
CLIENT'S SAMPLE ID: CB-DUP-1
AES sample #: 990917AS06 Samples taken by: A.Marconi Location: Bldg 5,17,3C
MATRIX: Soil composite
Date Sampled: 09/17/99
Date sample received: 09/20/99

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
PCB-1016	EPA-8082	<1	ug/g Dry	KT-PCBAD15	09/20/99
PCB-1221	EPA-8082	<1	ug/g Dry	KT-PCBAD15	09/20/99
PCB-1232	EPA-8082	<1	ug/g Dry	KT-PCBAD15	09/20/99
PCB-1242	EPA-8082	<1	ug/g Dry	KT-PCBAD15	09/20/99
PCB-1248	EPA-8082	<1	ug/g Dry	KT-PCBAD15	09/20/99
PCB-1254	EPA-8082	<1	ug/g Dry	KT-PCBAD15	09/20/99
PCB-1260	EPA-8082	4.1	ug/g Dry	KT-PCBAD15	09/20/99

APPROVED BY: _____
Report date: 09/27/99

Attachment 2

Adirondack Environmental Services, Inc.
314 North Pearl Street
Albany, New York 12207
518-434-4546/434-0891 FAX

A full service analytical research laboratory offering solutions to environmental concerns

CHAIN OF CUSTODY RECORD

CLIENT NAME: BRL -	PROJECT NAME (Location) (201.78.10) BLDG. 5, 17, 3C CATCHBASIN STORM DRAIN REPAIR	SAMPLERS: (Names) ALEX [illegible]
ADDRESS: 100 WOODLAWN AVE PITTSFIELD	PO NUMBER: [illegible]-040197	SAMPLERS: (Signature) [signature]

AES SAMPLE NUMBER	CLIENT SAMPLE IDENTIFICATION & LOCATION	DATE SAMPLED	TIME A=a.m. P=p.m.		MATRIX	COMP	GRAB	NUMBER OF CONT'S	ANALYSIS REQUIRED
	3C-CB-1	9/17/99	1100	A	SOIL	X		1	PCBS
	17-CB-1	↓	1105	A	SOIL	X		2	PCBS; PCBS MS/MSD
	5-CB-1	↓	1110	A	SOIL	X		1	PCBS
	CB-DUP-1	↓	—		SOIL	X		1	PCBS BLIND DUP OF 17-CB-1
									* MDL OF 1ppm *
									* FAX COPIES [illegible] *
									* [illegible] TO: A. [illegible] *
									* INVOICE TO: A. [illegible] *

Turnaround Time: STANDARD TURNAROUND TIME PLEASE

Laboratory Approval:

Relinquished by: (Signature) [signature]	Received by: (Signature) [signature]	Date/Time 9/17/99 1700
Relinquished by: (Signature)	Received by: (Signature)	Date/Time
Relinquished by: (Signature)	Received by: (Signature)	Date/Time
Dispatched by: (Signature)	Date/Time	Received for Laboratory by:	Date/Time
Method of Shipment: DELIVERED VIA COURIER	~~Send~~ Report To: A. COLE	Client Phone No.: 494-4317

The Laboratory reserves the right to return hazardous samples to the client or may levy an appropriate fee per container for disposal.

WHITE - Lab Copy YELLOW - Sampler Copy PINK - Generator Copy

Adirondack Environmental Services, Inc.

Attachment 3

BLASLAND, BOUCK & LEE, INC.
engineers & scientists

PHOTOIONIZATION DETECTOR (PID) - MicroTIP™ HL-2000 CALIBRATION FORM

Building 5, 17, and 3C Catch Basin Repairs Sampling Program

(201.78.10)

Date: 9/17/99

		Initials
1.)	Connect the regulator to the span gas cylinder	ASM
2.)	Open the valve on the gas bag by turning the valve stem fully counterclockwise	ASM
3.)	Attach the nut to the regulator	ASM
4.)	Turn the regulator knob counterclockwise about half a turn	ASM
5.)	Fill the gas bag about half full and then close the regulator fully clockwise	ASM
6.)	Disconnect the bag from the adapter and empty it Flush bag two (2) times with span gas and then fill it	ASM
7.)	Close the gas bag by turning the valve clockwise	ASM
8.)	Press **CAL** and enter the desired response factor **1.00**	ASM
9.)	**Connect zero gas then press ENTER** will display Expose meter to ambient air and press **ENTER**	ASM
10.)	Meter displays **Calibrating now, please wait...** then asks for span gas concentration, enter **100.00** and then press **ENTER.**	ASM
11.)	Connect span gas and then press **ENTER.**	ASM
12.)	Meter displays **Calibrating now, please wait...**	ASM
13.)	Meter displays **100 ppm** and then goes to ready mode, unit is calibrated.	ASM

jjh
October 1 1999
(c)

Attachment 2

SAMPLING REQUEST

DATE: AUGUST 31, 1999

TO: B. Eulian - BBL cc J. Nicholson

FROM: A. Cole - GEC

RE: BLDG. 5, BLDG. 17 AND 3C CATCH BASIN / STORM DRAIN REPAIRS

Please sample the soil generated from several routine catch basin and storm drain repairs which is staged in bldg. 14SS. Sample at the rate of 5 samples for 20 yards (a minimum of 3 for lesser quantities) for PCB method 8082, dry weight analysis. Please sample for PCB method 8082, dry weight analysis. There is material from bldg. 5 area, bldg. 17 area and bldg. 3C yard. There are multiple piles all marked with their origin. Composite piles from the same locations for your samples. This material is a combination of masonry and soil. Please take PID readings on the soil. If the PID comes back higher than 10 units please take samples for VOC and 1,2,4-trichlorobenzene analysis in accordance with the *Protocols for the Management of Excavation Activities.*

BBL Project number: 201.78.10
Lab & PO# : Adirondack – PO# A899-040192 Method Detection Level 1 ppm!
Fax copy to: J. Nicholson
Final Copy to: A. Cole
Invoice to: A. Cole

Please provide a COC to Jeff Nicholson in the GE lab.

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

REQUEST FOR SAMPLING

TO: Files
FROM: Bruce Eulian
RE: Building 8 Catch Basin Repairs
Sampling Program

DATE: July 7, 1999
FILE NO.: 201.78.10

INITIATOR: Aimee Cole (GEC)

DATE: 6/23/99

LOCATION: Bldg 8 Courtyard

CONTACT PERSON: Aimee Cole (GEC) **EXT:** 2534

ITEM DESCRIPTION:

1.) Soil, Asphalt, Concrete and Brick

PURPOSE: To collect samples at G.E.'s request for disposal classification of the material excavated during the repairs to the catch basins in the yard near Building 8.

NOTES: See attached sample request letter from Aimee Cole (GEC) to Bruce Eulian (BBL) dated June 23, 1999.

1.) Five (5) samples are to be collected for every 20 cubic yards of material and submitted for PCB analysis . The soil in the piles are to be screened for Volatile Organic Compounds in accordance with the ***Protocols for the Management of Excavation Activities.*** If any of the PID readings are greater than 10 units, VOC and 1,2,4 Trichlorobenzene analysis will also be performed on those samples.

2.) One (1) field composite sample, from all piles, is to be collected for TCLP analysis, excluding pesticides and herbicides.

3.) GE requests that the samples collected be analyzed by Adirondack Environmental Services, Inc. - Albany, NY, under PO GEATC05.

SAMPLING REQUEST

DATE: JUNE 23, 1999

TO: B. Eulian - BBL cc by e-mail: J. Nicholson

FROM: A. Cole - GEC

RE: BLDG. 8 CATCHBASIN REPAIRS

Please sample the material generated from the repair of catch basins in the yard near bldg. 8. The material is piled at the excavation sites. Take 5 samples for each 20 yards for PCB method 8082, dry weight analysis . Take a composite of the piles for TCLP analysis, no pest, no herb. This material is a combination of masonry and soil. Please take PID readings on the soil. If the PID comes back higher than 10 units please take samples for VOC and 1,2,4 trichlorobenzene analysis in accordance with the *Protocols for the Management of Excavation Activities.*

BBL Project number: 201.78.10
Lab & PO# : Adirondack GEATC05
Fax copy to: J. Nicholson
Final Copy to: A. Cole
Invoice to: BBL
TAT: 1 WEEK
Please provide a COC to Jeff Nicholson in the GE lab.

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

SAMPLING PROGRAM FIELD SUMMARY

TO: Files
FROM: Bruce Eulian
RE: Building 8 Catch Basin Repairs
Sampling Program

DATE: July 7, 1999
FILE NO.: 201.78.10
cc: Bill Fessler (GE)

The following is a summary of the sampling program conducted 6/28/99 on the material excavated during the catch basin repairs in the yard near Building 8.

At the request of Aimee Cole (GEC) the following sampling program was implemented:

- Five (5) field-composite samples were collected for PCBs analysis.
- One (1) composite sample was collected for TCLP analysis, excluding herbicides and pesticides.
- PID readings were obtained on the samples in accordance with the ***Protocols for the Management of Excavation Activities.*** None of the samples required VOC or 1,2,4 Trichlorobenzene analysis.

Notes:

The seven (7) piles of material totaled approximately 16 cubic yards of material

The samples were collected using a stainless steel scoop.

A summary table of the sampling program has been included (Table 1), along with drawings showing the site location (Figure 1) and sample locations (Figure 2). Analytical results provided by Adirondack Environmental Services, Inc. - Albany, NY (Attachment 1), a PID calibration form (Attachment 2) and a copy of the chain of custody that accompanied the samples (Attachment 3) have also been included.

BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Building 8 Catch Basin Repairs
Sampling Program

(201.78.10)

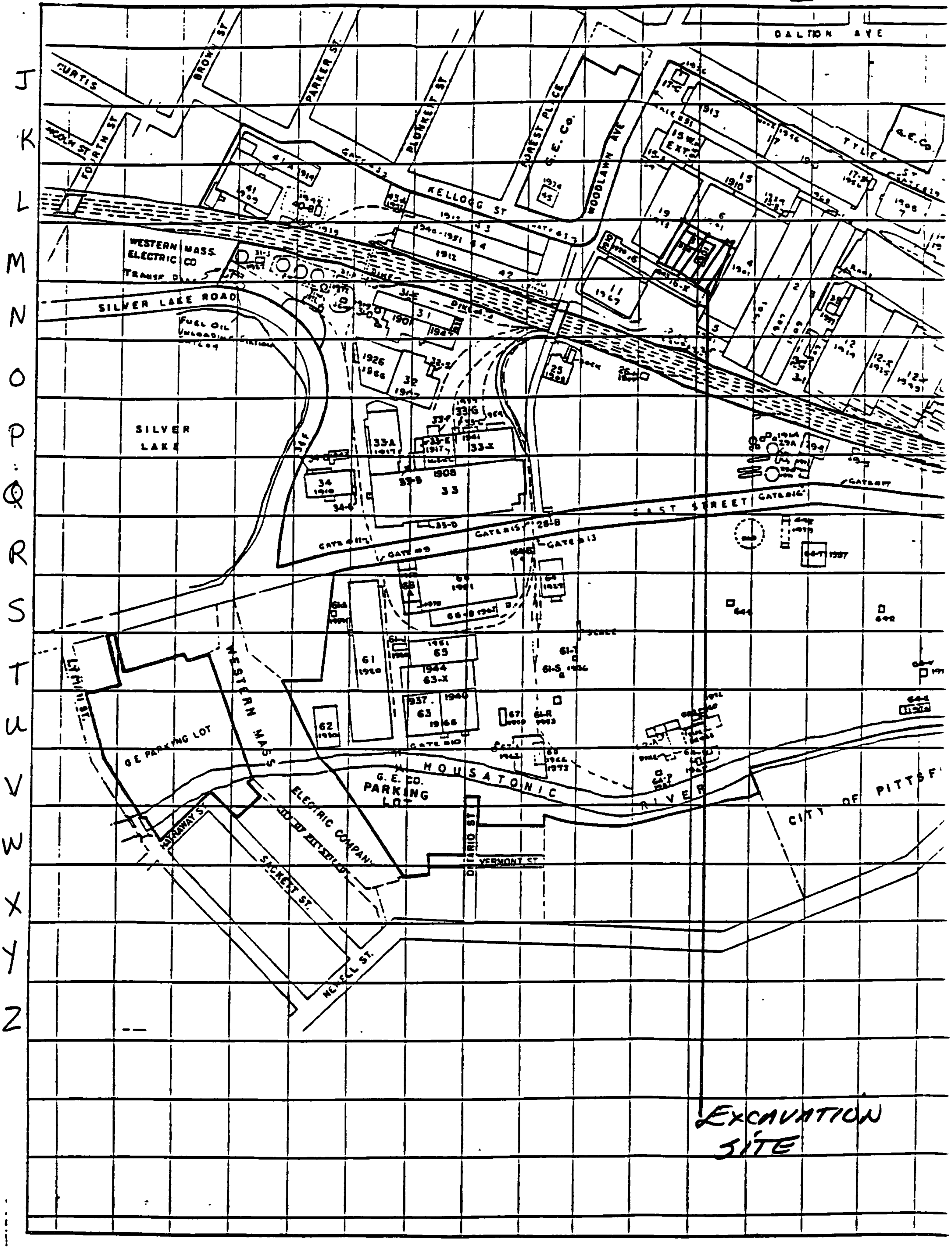
Table 1

LAB ID	SAMPLE DATE	PCBs (ppm)	PID READINGS (PPM)	TCLP	SAMPLE MATERIAL	SAMPLE TYPE	COMPOSITE LOCATION NUMBER	SEE FIGURE
BLD 8-CBR-1	6/28/99	5.0	0.3	N/A	SOIL, CONCRETE	FIELD-COMPOSITE	1	2
BLD 8-CBR-2	6/28/99	42.	1.1	N/A	SOIL, CONCRETE, BRICK, ASPHALT	FIELD-COMPOSITE	2	2
BLD 8-CBR-3	6/28/99	44.	0.9	N/A	SOIL, CONCRETE, BRICK, ASPHALT	FIELD-COMPOSITE	3	2
BLD 8-CBR-4	6/28/99	53.	0.1	N/A	SOIL, CONCRETE, BRICK, ASPHALT	FIELD-COMPOSITE	4	2
BLD 8-CBR-5	6/28/99	41.	0.8	N/A	SOIL, CONCRETE, BRICK, ASPHALT	FIELD-COMPOSITE	5	2
BLD 8-CBR-6	6/28/99	N/A	N/A	SEE RESULTS	SOIL, CONCRETE, BRICK, ASPHALT	FIELD-COMPOSITE	1,2,3,4,5	2
BLD 8-CBR-DUP-1	6/28/99	56.	N/A	N/A	SOIL, CONCRETE, BRICK, ASPHALT	FIELD-COMPOSITE	2	2

Note:

The soil samples were collected using a stainless steel scoop.
BLD 8-CBR-DUP-1 is a blind duplicate of sample **BLD 8-CBR-2**.
An **MS/MSD** was performed on sample **BLD 8-CBR-2**

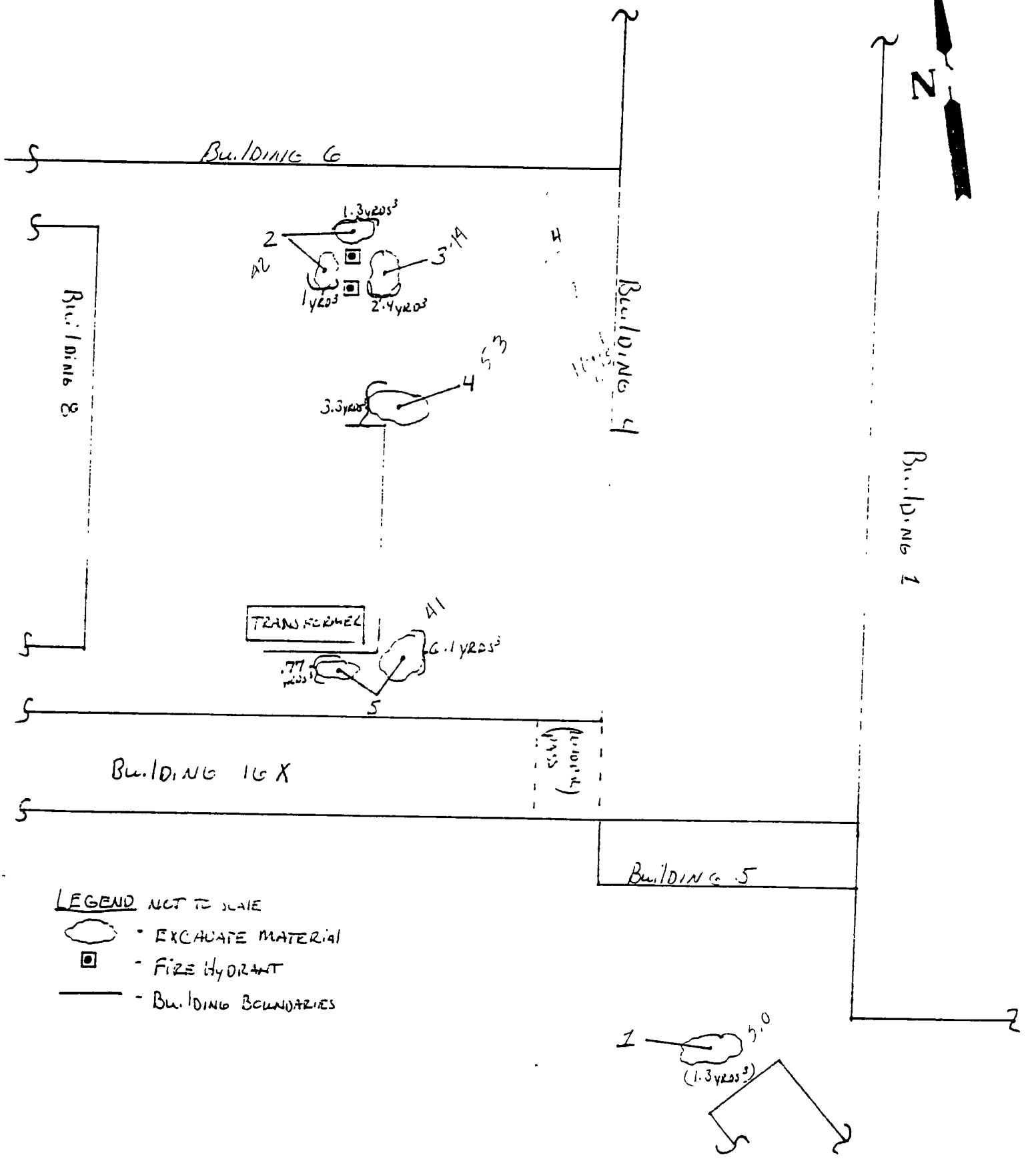
FIGURE 1


DALTON AVE
CURTIS
BROWN ST
PARKER ST
PLUNKETT ST
FOREST PLACE
G.E. CO.
WOODLAWN AVE
TYLER ST
G.E. CO.
LINCOLN ST
FOURTH ST
KELLOGG ST
WESTERN MASS. ELECTRIC CO
SILVER LAKE ROAD
FUEL OIL UNLOADING STATION
SILVER LAKE
EAST STREET
WESTERN MASS ELECTRIC COMPANY
GE PARKING LOT
G. E. CO. PARKING LOT
HOUSATONIC RIVER
CITY OF PITTSF
ONTARIO ST
VERMONT ST
SACKETT ST.
NEWELL ST.
EXCAVATION SITE

BLASLAND, BOUCK & LEE
ENGINEERS & GEOSCIENTISTS

SUBJECT	PROJ NO	BY	DATE	SHEET
Building 8 Catch Basin Repairs Sampling Program	201.78.10	SLL	6/28/99	1

FIGURE 2



Attachment 1

Adirondack

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FAX COVER SHEET

Date: 7-6 Time :

Number of pages including cover sheet: ____

To: Eulians-Nicholson-Cole

Phone:

Fax:

CC:

From:

Chris Hess

ADIRONDACK ENVIRONMENTAL SERVICES, INC.

314 NORTH PEARL ST.

ALBANY, N.Y. 12207

Phone: (518) 434 - 4546

Fax: (518) 434 - 0891

REMARKS: ☐ Urgent ☐ For your review ☐ Reply ASAP ☐ Please comment

HARD COPY TO BE MAILED ? YES____ NO____

PLEASE CALL 434 - 4546 IF YOU DO NOT RECEIVE THIS TRANSMISSION IN ITS ENTIRETY, OR IF ANY OF THIS TRANSMISSION IS ILLEGIBLE. please call Cindy.

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LABORATORY REPORT

for

Blasland, Bouck & Lee, Inc.
Attn: Bruce E. Eulian
100 Woodlawn Avenue
Pittsfield, MA 01201

Attention: Bruce E. Eulian

Purchase Order #: GEATC05

Report date: 07/06/99
Number of samples analyzed: 9
AES Project ID: 990629 A
Invoice #: 201780

CC: J. Nicholson
CC: A. Cole

ELAP ID#: 10709

AIHA ID#: 7866

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CLIENT: Blasland, Bouck & Lee, Inc.
CLIENT'S SAMPLE ID: BLD8-CBR-1
AES sample #: 990629 A01
Date Sampled: 06/28/99
Date sample received: 06/29/99
Samples taken by: S.L.Lewitt BBL
Location: Bld 8 Catch Bas composite
MATRIX: Solid Sample

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
PCB-1016	EPA-8082	<1.1	ug/g Dry	KF-PCBAC22	06/29/99
PCB-1221	EPA-8082	<1.1	ug/g Dry	KF-PCBAC22	06/29/99
PCB-1232	EPA-8082	<1.1	ug/g Dry	KF-PCBAC22	06/29/99
PCB-1242	EPA-8082	<1.1	ug/g Dry	KF-PCBAC22	06/29/99
PCB-1248	EPA-8082	<1.1	ug/g Dry	KF-PCBAC22	06/29/99
PCB-1254	EPA-8082	<1.1	ug/g Dry	KF-PCBAC22	06/29/99
PCB-1260	EPA-8082	5.0	ug/g Dry	KF-PCBAC22	06/29/99

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CLIENT: Blasland, Bouck & Lee, Inc.
CLIENT'S SAMPLE ID: BLD8-CBR-2
AES sample #: 990629 A02
Samples taken by: S.L.Lewitt BBL
MATRIX: Solid Sample
Date Sampled: 06/28/99
Date sample received: 06/29/99
Location: Bld 8 Catch Bas composite

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
PCB-1016	EPA-8082	<5.1	ug/g Dry	KF-PCBAC22	06/29/99
PCB-1221	EPA-8082	<5.1	ug/g Dry	KF-PCBAC22	06/29/99
PCB-1232	EPA-8082	<5.1	ug/g Dry	KF-PCBAC22	06/29/99
PCB-1242	EPA-8082	<5.1	ug/g Dry	KF-PCBAC22	06/29/99
PCB-1248	EPA-8082	<5.1	ug/g Dry	KF-PCBAC22	06/29/99
PCB-1254	EPA-8082	<5.1	ug/g Dry	KF-PCBAC22	06/29/99
PCB-1260	EPA-8082	42	ug/g Dry	KF-PCBAC22	06/29/99

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CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 06/28/99
CLIENT'S SAMPLE ID: BLD8-CER-2 MS Date sample received: 06/29/99
AES sample #: 990629 A03 Samples taken by: S.L.Lewitt BBL Location: Bld 8 Catch Bas
MATRIX: Solid Sample composite

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
PCB	EPA-8082	107	%	KF-PCBAC22	06/29/99

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CLIENT: Blasland, Bouck & Lee, Inc.
CLIENT'S SAMPLE ID: BLD8-CBR-2 MSD
AES sample #: 990629 A04
Samples taken by: S.L.Lewitt BBL
MATRIX: Solid Sample
Date Sampled: 06/28/99
Date sample received: 06/29/99
Location: Bld 8 Catch Bas composite

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
PCB	EPA-8082	108	%	KF-PCBAC22	06/29/99

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CLIENT: Blasland, Bouck & Lee, Inc.
CLIENT'S SAMPLE ID: BLD8-CBR-3
AES sample #: 990629 A05
Samples taken by: S.L.Lewitt BBL
MATRIX: Solid Sample
Date Sampled: 06/28/99
Date sample received: 06/29/99
Location: Bld 8 Catch Bas composite

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
PCB-1016	EPA-8082	<5.4	ug/g Dry	KF-PCBAC22	06/29/99
PCB-1221	EPA-8082	<5.4	ug/g Dry	KF-PCBAC22	06/29/99
PCB-1232	EPA-8082	<5.4	ug/g Dry	KF-PCBAC22	06/29/99
PCB-1242	EPA-8082	<5.4	ug/g Dry	KF-PCBAC22	06/29/99
PCB-1248	EPA-8082	<5.4	ug/g Dry	KF-PCBAC22	06/29/99
PCB-1254	EPA-8082	<5.4	ug/g Dry	KF-PCBAC22	06/29/99
PCB-1260	EPA-8082	44	ug/g Dry	KF-PCBAC22	06/29/99

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CLIENT: Blasland, Bouck & Lee, Inc.
CLIENT'S SAMPLE ID: BLD8-CBR-4
AES sample #: 990629 A06
Samples taken by: S.L.Lewitt BBL
MATRIX: Solid Sample
Date Sampled: 06/28/99
Date sample received: 06/29/99
Location: Bld 8 Catch Bas composite

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
PCB-1016	EPA-8082	<5.5	ug/g Dry	KF-PCBAC22	06/29/99
PCB-1221	EPA-8082	<5.5	ug/g Dry	KF-PCBAC22	06/29/99
PCB-1232	EPA-8082	<5.5	ug/g Dry	KF-PCBAC22	06/29/99
PCB-1242	EPA-8082	<5.5	ug/g Dry	KF-PCBAC22	06/29/99
PCB-1248	EPA-8082	<5.5	ug/g Dry	KF-PCBAC22	06/29/99
PCB-1254	EPA-8082	<5.5	ug/g Dry	KF-PCBAC22	06/29/99
PCB-1260	EPA-8082	53	ug/g Dry	KF-PCBAC22	06/29/99

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CLIENT: Blasland, Bouck & Lee, Inc.
CLIENT'S SAMPLE ID: BLD8-CBR-5
AES sample #: 990629 A07
Samples taken by: S.L.Lewitt BBL
MATRIX: Solid Sample
Date Sampled: 06/28/99
Date sample received: 06/29/99
Location: Bld 8 Catch Bas composite

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
PCB-1016	EPA-8082	<7	ug/g Dry	KF-PCBAC22	06/29/99
PCB-1221	EPA-8082	<7	ug/g Dry	KF-PCBAC22	06/29/99
PCB-1232	EPA-8082	<7	ug/g Dry	KF-PCBAC22	06/29/99
PCB-1242	EPA-8082	<7	ug/g Dry	KF-PCBAC22	06/29/99
PCB-1248	EPA-8082	<7	ug/g Dry	KF-PCBAC22	06/29/99
PCB-1254	EPA-8082	<7	ug/g Dry	KF-PCBAC22	06/29/99
PCB-1260	EPA-8082	41	ug/g Dry	KF-PCBAC22	06/29/99

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CLIENT: Blasland, Bouck & Lee, Inc.
CLIENT'S SAMPLE ID: BLD8-CBR-Dup-1
AES sample #: 990629 A08
Samples taken by: S.L.Lewitt BBL
MATRIX: Solid Sample
Date Sampled: 06/28/99
Date sample received: 06/29/99
Location: Bld 8 Catch Bas composite

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
PCB-1016	EPA-8082	<5.3	ug/g Dry	KF-PCBAC22	06/29/99
PCB-1221	EPA-8082	<5.3	ug/g Dry	KF-PCBAC22	06/29/99
PCB-1232	EPA-8082	<5.3	ug/g Dry	KF-PCBAC22	06/29/99
PCB-1242	EPA-8082	<5.3	ug/g Dry	KF-PCBAC22	06/29/99
PCB-1248	EPA-8082	<5.3	ug/g Dry	KF-PCBAC22	06/29/99
PCB-1254	EPA-8082	<5.3	ug/g Dry	KF-PCBAC22	06/29/99
PCB-1260	EPA-8082	56	ug/g Dry	KF-PCBAC22	06/29/99

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CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 06/28/99
CLIENT'S SAMPLE ID: BLD8-CER-6 Date sample received: 06/29/99
AES sample #: 990629 A09 Samples taken by: S.L.Lewitt BEL Location: Bld 8 Catch Bas
MATRIX: Solid Sample composite

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
TCLP Extraction (ZHE)	EPA-1311	Complete		MG-BT-17	06/30/99
Benzene - TCLP Extract	EPA-8260	<85	ug/l	MG-BT-17	07/01/99
Carbon Tetrachloride-TCLP Ext.	EPA-8260	<85	ug/l	MG-BT-17	07/01/99
Chlorobenzene-TCLP Extract	EPA-8260	<85	ug/l	MG-BT-17	07/01/99
Chloroform-TCLP Extract	EPA-8260	<85	ug/l	MG-BT-17	07/01/99
1,2-Dichloroethane-TCLP Ext.	EPA-8260	<85	ug/l	MG-BT-17	07/01/99
1,1-Dichloroethene-TCLP Ext.	EPA-8260	<85	ug/l	MG-BT-17	07/01/99
Methyl Ethyl Ketone-TCLP Ext.	EPA-8260	<170	ug/l	MG-BT-17	07/01/99
Tetrachlorethylene-TCLP Ext.	EPA-8260	<85	ug/l	MG-BT-17	07/01/99
Trichloroethylene-TCLP Extract	EPA-8260	<85	ug/l	MG-BT-17	07/01/99
Vinyl Chloride-TCLP Extraction	EPA-8260	<170	ug/l	MG-BT-17	07/01/99
TCLP Extraction	EPA-1311	Complete		METALS	07/01/99
Nitrobenzene-TCLP Extract	EPA-8270	<100	ug/l	MT-BU-27	07/06/99
Pyridine-TCLP Extract	EPA-8270	<100	ug/l	MT-BU-27	07/06/99
Cresols (Total) TCLP Extract.	EPA-8270	<100	ug/l	MT-BU-27	07/06/99
1,4-Dichlorobenzene-TCLP Ext.	EPA-8270	<100	ug/l	MT-BU-27	07/06/99
2,4-Dinitrotoluene-TCLP Ext.	EPA-8270	<100	ug/l	MT-BU-27	07/06/99
Hexachlorobenzene-TCLP Extract	EPA-8270	<100	ug/l	MT-BU-27	07/06/99
Hexachlorobutadiene-TCLP Ext.	EPA-8270	<100	ug/l	MT-BU-27	07/06/99
Hexachloroethane-TCLP Extract	EPA-8270	<100	ug/l	MT-BU-27	07/06/99

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CLIENT: Blasland, Bouck & Lee, Inc.
CLIENT'S SAMPLE ID: BLD8-CBR-6
AES sample #: 990629 A09
Samples taken by: S.L.Lewitt BBL
MATRIX: Solid Sample
Date Sampled: 06/28/99
Date sample received: 06/29/99
Location: Bld 8 Catch Bas composite

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Pentachlorophenol-TCLP Extract	EPA-8270	<500	ug/l	MT-BU-27	07/06/99
2,4,5-Trichlorophenol-TCLP Ext	EPA-8270	<100	ug/l	MT-BU-27	07/06/99
2,4,6-Trichlorophenol-TCLP Ext	EPA-8270	<100	ug/l	MT-BU-27	07/06/99
Arsenic-TCLP Extraction	EPA-6010	<0.5	mg/l	KH-I-1N-82	07/01/99
Barium-TCLP Extraction	EPA-6010	0.40	mg/l	KH-I-1N-82	07/01/99
Cadmium-TCLP Extraction	EPA-6010	<0.01	mg/l	KH-I-1N-82	07/01/99
Chromium-TCLP Extraction	EPA-6010	<0.05	mg/l	KH-I-1N-82	07/01/99
Lead-TCLP Extraction	EPA-6010	<0.5	mg/l	KH-I-1N-82	07/01/99
Mercury-TCLP Extraction	EPA-7470	<0.02	mg/l	KH-PSN-67	07/01/99
Selenium-TCLP Extraction	EPA-6010	<0.1	mg/l	KH-I-1N-82	07/01/99
Silver-TCLP Extraction	EPA-6010	<0.02	mg/l	KH-I-1N-82	07/01/99

APPROVED BY: Christopher Hess
Report date: 07/06/99

Attachment 2

BLASLAND, BOUCK & LEE, INC.
engineers & scientists

PHOTOIONIZATION DETECTOR (PID) - MicroTIP™ HL-2000 CALIBRATION FORM

Building 8 Catch Basin Repairs Sampling Program

(201.78.10)

Date: 6/28/99

		Initials
1.)	Connect the regulator to the span gas cylinder	SLL
2.)	Open the valve on the gas bag by turning the valve stem fully counterclockwise	SLL
3.)	Attach the nut to the regulator	SLL
4.)	Turn the regulator knob counterclockwise about half a turn	SLL
5.)	Fill the gas bag about half full and then close the regulator fully clockwise.	SLL
6.)	Disconnect the bag from the adapter and empty it Flush bag two (2) times with span gas and then fill it	SLL
7.)	Close the gas bag by turning the valve clockwise.	SLL
8.)	Press **CAL** and enter the desired response factor **1.00**	SLL
9.)	**Connect zero gas then press ENTER** will display Expose meter to ambient air and press **ENTER**	SLL
10.)	Meter displays **Calibrating now, please wait...**, then asks for span gas concentration, enter **100.00** and then press **ENTER**.	SLL
11.)	Connect span gas and then press **ENTER**.	SLL
12.)	Meter displays **Calibrating now, please wait...**	SLL
13.)	Meter displays **100 ppm** and then goes to ready mode unit is calibrated	SLL

Attachment 3

314 North Pearl Street
Albany, New York 12207
518-434-4546 / 434-0891 FAX

1 of 1

A full service analytical research laboratory offering solutions to environmental concerns

CHAIN OF CUSTODY RECORD

Blasland Bouck & Lee
CLIENT NAME

GE Pittsfield
ADDRESS

PROJECT NAME (Location): Bld 3 Catch Basin Removal

PO NUMBER: 20175.10 GEATC 05

SAMPLERS: (Names) Stephen Leavitt

SAMPLERS: (Signature)

AES SAMPLE NUMBER	CLIENT SAMPLE IDENTIFICATION & LOCATION	DATE SAMPLED	TIME A=a.m. P=p.m.	A/P	MATRIX	COMP	GRAB	NUMBER OF CONT'S	ANALYSIS REQUIRED
	CLDB-CBR-1	6/28/99	1555		Soil	X		1	PCB
	CLDB-CBR-2	↓	—		↓	X		2	(ms/msd)
	CLDB-CBR-3		—			X		1	
	CLDB-CBR-4		—			X		1	
	CLDB-CBR-5		1605			X		1	
	CLDB-CBR-DUP-1		—			X		1	↓
	[illegible] CBR-6	↓	—		↓	X		2	[illegible]
				A/P					
	Turnaround time [illegible]			A/P					
	Fax results to J. [illegible]			A/P					
	Email results to A. [illegible]			A/P					
	*Detection limit <1 ppm			A/P					
				A/P					

Turnaround Time: [illegible]

Laboratory Approval:

Relinquished by: (Signature)	Received by: (Signature)	Date/Time
[signature]	R. Woodward for AES	6/29/99 15:00
Relinquished by: (Signature)	Received by: (Signature)	Date/Time
Relinquished by: (Signature)	Received by: (Signature)	Date/Time

Dispatched by: (Signature)	Date/Time	Received for Laboratory by:	Date/Time

Method of Shipment:	Send Report To:	Client Phone No.:
[illegible]	J. Nicholson, BBL [illegible]	[illegible]

The Laboratory reserves the right to return hazardous samples to the client or may levy an appropriate fee per container for disposal.

WHITE - Lab Copy YELLOW - Sampler Copy PINK - Generator Copy

Adirondack Environmental Services, Inc.

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

REQUEST FOR SAMPLING

TO: Files
FROM: Bruce Eulian
RE: Bldg. 19 Catch Basin Soil Pile Sampling

DATE: October 11, 1999
FILE NO.: 201.78.10

INITIATOR: Aimee Cole (GEC)

DATE: 9/3/99

LOCATION: East Side of Bldg. 19

CONTACT PERSON: Aimee Cole (GEC) **EXT:** 2534

ITEM DESCRIPTION:

1.) Soil

PURPOSE: To collect samples at GE's request for disposal classification of the soil piles that were generated from a catch basin, located east of building 19.

NOTES: See attached sample request letter from Aimee Cole (GEC) to Bruce Eulian (BBL) dated August 31, 1999.

1.) Five (5) discrete grab samples of the soil piles are to be collected for PCBs (Method 8082) analysis.

2.) GE requests that the samples collected be analyzed by Adirondack Laboratory - Albany, NY. under P.O. A899-040192.

Bwk
October 11, 1999
C:\WPWIN\insum99\7810_19_catchbasin cov wpd (v)

BBL
BLASLAND, BOUCK & LEE, INC
engineers & scientists

SAMPLING PROGRAM FIELD SUMMARY

TO: Files
FROM: Bruce Eulian
RE: Bldg 19 Catch Basin Soil Pile Sampling

DATE: October 11, 1999
FILE NO.: 201.78.10
cc: B Fessler (GE)

The following is a summary of the sampling program conducted 9/3/99 on the soil piles east of building 19

At the request of Aimee Cole (GEC) the following program was implemented.

- Five (5) discrete grab samples were collected on the soil piles and analyzed for PCBs (Method 8082).

Note

The three piles have a total of 18 cubic yards.

The samples were collected with stainless steel scoops.

A summary table of the sampling program has been included (Table 1) along with drawings showing the site location (Figure 1) and sample locations (Figure 2). Analytical results provided by the Adirondack Laboratory - Albany, NY (Attachment 1) and a copy of the chain of custody that accompanied the samples (Attachment 2) have also been included.

Bwk
October 11 1999
C:\WPWIN\insum99\7801_19_catchbasin sum epd .s,

SAMPLING REQUEST

DATE: AUGUST 31, 1999

TO: B. Eulian - BBL cc by J. Nicholson

FROM: A. Cole - GE

RE: BLDG. 19 CATCH BASIN

Please sample the soil generated from a catch basin on the east side of bldg. 19. The material is at the site appropriately covered. Sample at the rate of 5 samples for 20 yards (a minimum of 3 for lesser quantities) for PCB method 8082, dry weight analysis. This material is a combination of masonry and soil. Please take PID readings on the soil. If the PID comes back higher than 10 units please take samples for VOC and 1,2,4-trichlorobenzene analysis in accordance with the *Protocols for the Management of Excavation Activities.*

BBL Project number: 201.78.10
Lab & PO# : Adirondack – PO# A899-040192 Method Detection Level 1 ppm!
Fax copy to: J. Nicholson
Final Copy to: A. Cole
Invoice to: A. Cole

Please provide a COC to Jeff Nicholson in the GE lab.

BBL

Building 19 Catch Basin
Soil Pile Sampling

(201.78.01)

(Table 1)

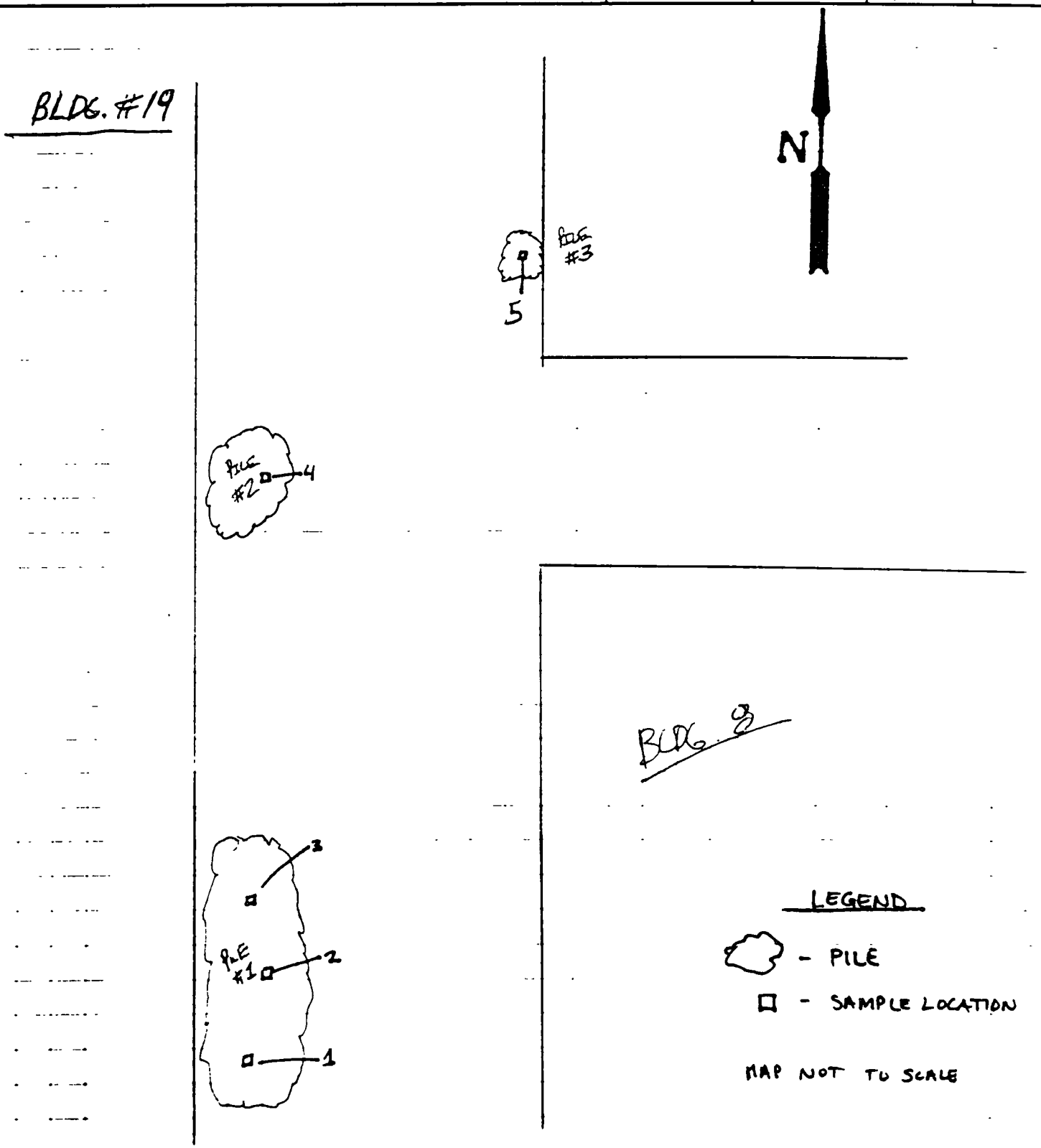
LAB ID	SAMPLE DATE	PCBs (ppm)	PID (ppm)	SAMPLE LOCATION	SAMPLE MATERIAL	SAMPLE TYPE	[illegible]
19CB-1	9/3/99	13	0 9	1	SOIL	DISCRETE-GRAB	:
19CB-2	9/3/99	19	5 2	2	SOIL	DISCRETE-GRAB	:
19CB-3	9/3/99	17	2 4	3	SOIL	DISCRETE-GRAB	:
19CB-4	9/3/99	22	1 0	4	SOIL	DISCRETE-GRAB	:
19CB-5	9/3/99	55	1 2	5	SOIL	DISCRETE-GRAB	:

BWK
October 11 1999
C \WPWIN\insum99\7801_19_catchbasin [illegible]

FIGURE 2

BLASLAND, BOUCK & LEE
ENGINEERS & GEOSCIENTISTS

SUBJECT	PROJ. NO.	BY	DATE	SHEET
BLDG 19 CATCH BASIN SOIL SAMPLING EAST OF BUILDING 19	201.78.10	BWK	9/3/99	1



BLDG 19 CATCH BASIN
SOIL SAMPLING
(201.78.10)

ATTACHMENT 1

Adirondack

A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax 518 434-0891

FAX COVER SHEET

Date: 9-14-94 Time: 9:50

Number of pages including cover sheet: 10

To: J. Nicholsen / A Cole

Phone:

Fax:

CC:

From:
Chris Hess
ADIRONDACK ENVIRONMENTAL
SERVICES, INC.
314 NORTH PEARL ST
ALBANY, N.Y. 12207
Phone: (518) 434 - 4546
Fax: (518) 434 - 0891

REMARKS: ☐ Urgent ☐ For your review ☐ Reply ASAP ☐ Please comment

HARD COPY TO BE MAILED ? YES____ NO____

PLEASE CALL 434 - 4546 IF YOU DO NOT RECEIVE THIS TRANSMISSION IN ITS ENTIRETY, OR IF ANY OF THIS TRANSMISSION IS ILLEGIBLE. please call Cindy.

Adirondack Environmental Services Inc.
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LABORATORY REPORT

for

General Electric Company
Mail Drop C23
100 Woodlawn Avenue
Pittsfield, MA 01201

Attention: Jeff Nicholson C23

Purchase Order #: A899-040192

Report date: 09/14/99
Number of samples analyzed: 8
AES Project ID: 990903 W
Invoice #: 204179

CC: A. Cole (GE)

ELAP ID#: 10709

AIHA ID#: 7866

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CLIENT: General Electric Company
CLIENT'S SAMPLE ID: 19CB-1
AES sample #: 990903 W01
Samples taken by: A. Marconi
MATRIX: Soil
Date Sampled: 09/03/99
Date sample received: 09/03/99
Location: BLDG. 19
grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
PCB-1016	EPA-8082	<10	ug/kg D	KF-PCB-AD9	09/03/99
PCB-1221	EPA-8082	<10	ug/kg D	KF-PCB-AD9	09/03/99
PCB-1232	EPA-8082	<10	ug/kg D	KF-PCB-AD9	09/03/99
PCB-1242	EPA-8082	<10	ug/kg D	KF-PCB-AD9	09/03/99
PCB-1248	EPA-8082	<10	ug/kg D	KF-PCB-AD9	09/03/99
PCB-1254	EPA-8082	<10	ug/kg D	KF-PCB-AD9	09/03/99
PCB-1260	EPA-8082	130	ug/kg D	KF-PCB-AD9	09/03/99

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CLIENT: General Electric Company
CLIENT'S SAMPLE ID: 19CB-1 MS
AES sample #: 990903 WO2
Samples taken by: A. Marconi
MATRIX: Soil
Date Sampled: 09/03/99
Date sample received: 09/03/99
Location: BLDG. 19
grab

PARAMETER	PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
PCB		EPA-8082	97	%	KF-PCB-AD9	09/03/99

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CLIENT: General Electric Company
CLIENT'S SAMPLE ID: 19CB-1 MSD
AES sample #: 990903 W03
Samples taken by: A. Marconi
MATRIX: Soil
Date Sampled: 09/03/99
Date sample received: 09/03/99
Location: BLDG. 19
grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
PCB	EPA-8082	109	%	KF-PCB-AD9	09/03/99

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CLIENT: General Electric Company
CLIENT'S SAMPLE ID: 19CB-2
AES sample #: 990903 W04
Samples taken by: A. Marconi
MATRIX: Soil
Date Sampled: 09/03/99
Date sample received: 09/03/99
Location: BLDG. 19
grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
PCB-1016	EPA-8082	<10	ug/kg D	KF-PCB-AD9	09/03/99
PCB-1221	EPA-8082	<10	ug/kg D	KF-PCB-AD9	09/03/99
PCB-1232	EPA-8082	<10	ug/kg D	KF-PCB-AD9	09/03/99
PCB-1242	EPA-8082	<10	ug/kg D	KF-PCB-AD9	09/03/99
PCB-1248	EPA-8082	<10	ug/kg D	KF-PCB-AD9	09/03/99
PCB-1254	EPA-8082	<10	ug/kg D	KF-PCB-AD9	09/03/99
PCB-1260	EPA-8082	190	ug/kg D	KF-PCB-AD9	09/03/99

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CLIENT: General Electric Company
CLIENT'S SAMPLE ID: 19CB-3
AES sample #: 990903 W05

Samples taken by: A. Marconi
MATRIX: Soil

Date Sampled: 09/03/99
Date sample received: 09/03/99
Location: BLDG. 19
grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
PCB-1016	EPA-8082	<10	ug/kg D	KF-PCB-AD9	09/03/99
PCB-1221	EPA-8082	<10	ug/kg D	KF-PCB-AD9	09/03/99
PCB-1232	EPA-8082	<10	ug/kg D	KF-PCB-AD9	09/03/99
PCB-1242	EPA-8082	<10	ug/kg D	KF-PCB-AD9	09/03/99
PCB-1248	EPA-8082	<10	ug/kg D	KF-PCB-AD9	09/03/99
PCB-1254	EPA-8082	<10	ug/kg D	KF-PCB-AD9	09/03/99
PCB-1260	EPA-8082	170	ug/kg D	KF-PCB-AD9	09/03/99

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CLIENT: General Electric Company
CLIENT'S SAMPLE ID: 19CB-4
AES sample #: 990903 W06
Samples taken by: A. Marconi
MATRIX: Soil
Date Sampled: 09/03/99
Date sample received: 09/03/99
Location: BLDG. 19
grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
PCB-1016	EPA-8082	<10	ug/kg D	KF-PCB-AD9	09/03/99
PCB-1221	EPA-8082	<10	ug/kg D	KF-PCB-AD9	09/03/99
PCB-1232	EPA-8082	<10	ug/kg D	KF-PCB-AD9	09/03/99
PCB-1242	EPA-8082	<10	ug/kg D	KF-PCB-AD9	09/03/99
PCB-1248	EPA-8082	<10	ug/kg D	KF-PCB-AD9	09/03/99
PCB-1254	EPA-8082	<10	ug/kg D	KF-PCB-AD9	09/03/99
PCB-1260	EPA-8082	220	ug/kg D	KF-PCB-AD9	09/03/99

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CLIENT: General Electric Company
CLIENT'S SAMPLE ID: 19CB-5
AES sample #: 990903 W07
Samples taken by: A. Marconi
MATRIX: Soil
Date Sampled: 09/03/99
Date sample received: 09/03/99
Location: BLDG. 19
Grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
PCB-1016	EPA-8082	<10	ug/kg D	KF-PCB-AD9	09/03/99
PCB-1221	EPA-8082	<10	ug/kg D	KF-PCB-AD9	09/03/99
PCB-1232	EPA-8082	<10	ug/kg D	KF-PCB-AD9	09/03/99
PCB-1242	EPA-8082	<10	ug/kg D	KF-PCB-AD9	09/03/99
PCB-1248	EPA-8082	<10	ug/kg D	KF-PCB-AD9	09/03/99
PCB-1254	EPA-8082	<10	ug/kg D	KF-PCB-AD9	09/03/99
PCB-1260	EPA-8082	55	ug/kg D	KF-PCB-AD9	09/03/99

Adirondack Environmental Services, Inc.
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CLIENT: General Electric Company
CLIENT'S SAMPLE ID: 19CB-DUP-1
AES sample #: 990903 W08 Samples taken by: A. Marconi Location: BLDG. 19
MATRIX: Soil grab

Date Sampled: 09/03/99
Date sample received: 09/03/99

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
PCB-1016	EPA-8082	<10	ug/kg D	KF-PCB-AD9	09/03/99
PCB-1221	EPA-8082	<10	ug/kg D	KF-PCB-AD9	09/03/99
PCB-1232	EPA-8082	<10	ug/kg D	KF-PCB-AD9	09/03/99
PCB-1242	EPA-8082	<10	ug/kg D	KF-PCB-AD9	09/03/99
PCB-1248	EPA-8082	<10	ug/kg D	KF-PCB-AD9	09/03/99
PCB-1254	EPA-8082	<10	ug/kg D	KF-PCB-AD9	09/03/99
PCB-1260	EPA-8082	180	ug/kg D	KF-PCB-AD9	09/03/99

APPROVED BY: Victoria Ma
Report date: 09/14/99

ATTACHMENT 2

33

WEAVERLAND, BOUCK & LEE, INC.
engineers & scientists
6723 Towpath Road, P.O Box 66
Syracuse, New York 13214-0066
TEL. (315) 446-9120

1 of 1

CHAIN OF CUSTODY RECORD

PROJECT NO. 2017B.10

PROJECT NAME BLDG 19 CATCH BASIN SOIL SAMPLING

LAB ID	CUSTODY TAPE NUMBER	DATE	TIME	COMP.	GRAB	SAMPLE TYPE: SOLID	SAMPLE TYPE: WIPE	SAMPLE TYPE: WATER	Number of Containers	PCBS	PCBS (MS/MSD)	TEMP			REMARKS
19CB-1		9/3/99	1000		X	X			2	X	X				* P.O #A899-040192
19CB-2			1005		X	X			1	X					** METHOD DETECTION LIMIT OF 1 PPM
19CB-3			1010		X	X			1	X					*** FAX COPY TO J. NELMIDSON (GE) 413-494-6707
19CB-4			1015		X	X			1	X					**** FINAL COPY TO A. COLE (GEC)
19CB-5			1020		X	X			1	X					***** INVOICE TO A. COLE
TEMP BLANK			—					X	1			X			# STANDARD TURNAROUNDS
19CB-DUP-1			—		X	X			1	X					

	DATE	TIME			DATE	TIME	
Sampled by: (Signature) Alexander S. Marcou	9/3/99	12:40	Received by: (Signature) FEDEX W. Woodward	Relinquished by: (Signature)			Received by: (Signature)
Relinquished by: (Signature)	DATE	TIME	Received by: (Signature)	Relinquished by: (Signature)	DATE	TIME	Received by: (Signature)
Relinquished by: (Signature) Alexander S. Marcou	DATE 9/3/99	TIME 1700	Received for Laboratory by: (Signature)	DATE	TIME	Remarks: SENT TO ADIRONDACK VIA COURIER	

ATTACHMENT 3

BBL

PHOTOIONIZATION DETECTOR (PID) - MicroTIP™ HL-2000 CALIBRATION FORM

Building 19 Catch Basin
Soil Pile Sampling

(201.78.10)

Date: 9/3/99

		Initials
1.)	Connect the regulator to the span gas cylinder	BWK
2.)	Open the valve on the gas bag by turning the valve stem fully counterclockwise	BWK
3.)	Attach the nut to the regulator	BWK
4.)	Turn the regulator knob counterclockwise about half a turn	BWK
5.)	Fill the gas bag about half full and then close the regulator fully clockwise	BWK
6.)	Disconnect the bag from the adapter and empty it Flush bag two (2) times with span gas and then fill it	BWK
7.)	Close the gas bag by turning the valve clockwise	BWK
8.)	Press **CAL** and enter the desired response factor **1.00**	BWK
9.)	**Connect zero gas then press ENTER** will display Expose meter to ambient air and press **ENTER**	BWK
10.)	Meter displays **Calibrating now, please wait...**, then asks for span gas concentration, enter **100.00** and then press **ENTER**.	BWK
11.)	Connect span gas and then press **ENTER.**	BWK
12.)	Meter displays **Calibrating now, please wait...**	BWK
13.)	Meter displays **100 ppm** and then goes to ready mode, unit is calibrated	BWK

ATTACHMENT B

November 30, 1999

Ms. J. Lyn Cutler
Department of Environmental Protection
436 Dwight Street
Springfield, MA 01103

Mr. Bryan Olson
U.S. Environmental Protection Agency
1100 Congress Street, Suite 1100
Boston, MA 02203-2211

Re: GE Pittsfield Excavations associated with the Reconstruction of Merrill Road

Dear Ms. Cutler and Mr. Olson:

In accordance with our *Protocols for the Management of Excavation Activities*, this letter serves as final notification for several excavations done to facilitate traffic flow throughout and around the GE facility while accommodating the reconstruction of Merrill Road being done by the Massachusetts Highway Department.

Installation of sliding gate. DEP File No. 1- 0145 – East St. Area 1

Location: Standard Grid N-23, Northeast corner of bldg. 9B
Activity: install a sliding gate – 2 holes for fence posts
Dimensions and Volume: 2 excavations, each 30" x 30" x 4', < 2 yds total
Analytical: PCB up to 4.5 ppm, PID < 10 (sampled with roadway prep scarification described below)
Material Disposition: Soil shipped to High Acres Landfill & Recycling Center, Fairport, NY

Scarification of roadway for paving, DEP File No. 1-0145 – East St. Area 1

Location: Standard Grid O20-P22, west of bldg. 9B to east end of bldg. 100
Activity: Scarification of old concrete and asphalt and removal of railroad tracks to prepare for repaving. Originally planned for only pavement removal with very little soil, the excavations generated approximately 88 yards of scarified asphalt and concrete and 10 yards of soil including soil from the gate installations mentioned above. Material was excavated onto polyethylene sheeting and covered with polyethylene sheeting pending analytical results. The material was all sampled together. New soil was used as backfill for the posts and bollards.
Dimensions and Volume: Seven minor excavations for installation of bollards and fence posts and one excavation for removal of train track. Four excavations 1' diameter x 3' deep; two excavations 1' diameter x 4' deep; one excavation 2.5' x 2.5' x 4', and one excavation 80' x 1' x 2'. These excavations generated approximately 8 yards of soil and 88 yards of crushed asphalt.
Analytical: PCB up to 7.8 ppm, PID < 10 (sampled with soil from gate installation above).
Material Disposition: Material shipped to High Acres Landfill & Recycling Center, Fairport, NY.

Telephone Pole Relocation, DEP File No. 1-0142 – East St. Area 2

Location: 19 locations within Standard grid Q11 through R19
Activity: A series of minor excavations were undertaken to relocate telephone poles to accommodate the highway after the reconstruction of Merrill Rd. The soil from some of these excavations was drummed while soil from others was staged in bulk on polyethylene sheeting and covered with polyethylene sheeting pending sampling. New soil was used as needed at the pole locations.

Dimensions and Volume: 19 excavations under 1 yard each
Analytical: PCB up to 1.4 ppm, PID < 10
Material Disposition: Soil shipped to High Acres Landfill & Recycling Center, Fairport, NY

Gate Installation, DEP File No. 1-0142 – East St. Area 2

Location: Standard Grid R15, North of 64G
Activity: Installation of gate. Soil and concrete was excavated onto polyethylene sheeting and covered with polyethylene sheeting pending analytical results. Upon receipt of results, the material was drummed immediately for disposal.
Dimensions and Volume: 2.5' x 2.5' x 4', approx. 1 yard
Analytical: PCB up to 130 ppm, Lead detected at 140 ppm
Material Disposition: Soil shipped to Clean Harbors Inc. for RCRA/TSCA disposal on Manifest Number MAK251423.

Removal of Landscaped Parking Islands, DEP File No. 1- 0145 – East St. Area 1

Location: Standard grid P19, East end of building 100
Activity: 3 minor excavations were undertaken to remove roadway islands to accommodate extra parking and traffic. This project was done by GE Plastics who requested pre-excavation sampling, which indicated the material was not TSCA regulated. The removal of the islands brought the grade at these locations back to level with the parking area and roadway. The soil, mulch and curbing from these excavations was staged on polyethylene sheeting and covered with polyethylene sheeting until disposal. The excavation locations were paved.
Dimensions and Volume: 3 excavations approximately 5 yards of soil each. Also included landscaping plants and mulch.
Analytical: PCB up to 3.0 ppm, PID < 10
Material Disposition: Material shipped to High Acres Landfill & Recycling Center, Fairport, NY.

This completes notification for these excavations. Please contact me at 413-494-4391 if you have any concerns regarding this notification.

Yours truly,

William A. Fessler
Manager, EHS and Facilities

cc: JD Ciampa GE
AT Cole, GEC
SM Cooke, McDermott, Will & Emery
MT Carroll, GE
S. Steenstrup, DEP
AJ Thomas, GE

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

REQUEST FOR SAMPLING

TO: Files
FROM: Bruce Eulian
RE: Plastics Gate 27 Entry Road
Soil Pile Sampling Program

DATE: June 9, 1999
FILE NO.: 201.19.30

INITIATOR: Aimee Cole (GEC)

DATE: 3/25/99

LOCATION: Bldg 14SS

CONTACT PERSON: Aimee Cole (GEC) **EXT:** 2534

ITEM DESCRIPTION:

1.) Soil and Asphalt

PURPOSE: To collect samples for GE to determine the proper disposal method of the soil and asphalt located in Building 14SS. which originated from the preparation for paving of the Plastics entry road from Gate 27 to the east end of Building.

NOTES: See attached sample request letter from Aimee Cole (GEC) to Bruce Eulian (BBL) dated March 25, 1999

1.) Twenty-five (25) discrete-grab samples are to be collected for PCBs (Method 8082) analysis

2.) One (1) composite sample is to be collected for TCLP (excluding pesticides and herbicides) analysis.

3.) In accordance with the ***Protocols for the Management of Excavation Activities***. PID headspace readings will be obtained on the soil.

4.) GE requests that the analyses be performed by Adirondack Environmental Services Inc. - Albany, N.Y.

SAMPLING REQUEST

DATE: MARCH 25, 1999

TO: B. Eulian - BBL cc by e-mail: J. Nicholson

FROM: A. Cole - GEC AC

RE: PLASTICS GATE 27 ENTRY ROAD

Please sample the material generated from the preparation for paving of the Plastics entry road from Gate 27 to Bldg.100 east end. The material is piled at columns A8 and A9 in 14SS. Take 5 samples for each 20 yards for PCB method 8082, dry weight analysis. Take a composite of the pile for TCLP analysis, no pest, no herb. This material is a combination of asphalt and soil. Please take PID readings on the soil. If the PID comes back higher than 10 units please take samples for VOC and 1,2,4 trichlorobenzene analysis in accordance with the *Protocols for the Management of Excavation Activities.*

BBL Project number: 201.19.~~12~~ 30
Lab & PO# : BBL Choice - for billing to Plastics
Fax copy to: J. Nicholson
Final Copy to: A. Cole
Invoice to: BBL

Please provide a COC to Jeff Nicholson in the GE lab.

2 of 2

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

SAMPLING PROGRAM FIELD SUMMARY

TO: Files
FROM: Bruce Eulian
RE: Plastics Gate 27 Entry Road
Soil Pile Sampling

DATE: June 9, 1999
FILE NO.: 201.19.30
cc: Bill Fessler (GE)

The following is a summary of the sampling program conducted 4/23/99 on the soil and asphalt located in Building 14SS. The soil and asphalt originated from the preparation for paving of the Plastics entry road from Gate 27 to the east end of Building 100.

At the request of Aimee Cole (GEC) the following sampling program was implemented:

- Twenty Five (25) discrete-grab samples were collected for PCBs analysis.
- One (1) field-composite sample was collected for TCLP (excluding herbicides and pesticides) analysis.

Notes:

The soil pile was approximately 98 cubic yards.
The samples were collected using stainless steel scoops.

A summary table of the sampling program has been included (Table 1), along with drawings showing the site location (Figure 1) and sample locations (Figure 2). Analytical results provided by Adirondack Environmental Services. Inc. - Albany, N Y. (Attachment 1) and a copy of the chain of custody that accompanied the samples (Attachment 2) have also been included.

BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Plastics Gate 27 Entry Road
Soil Pile Sampling Program
(201.19.30)

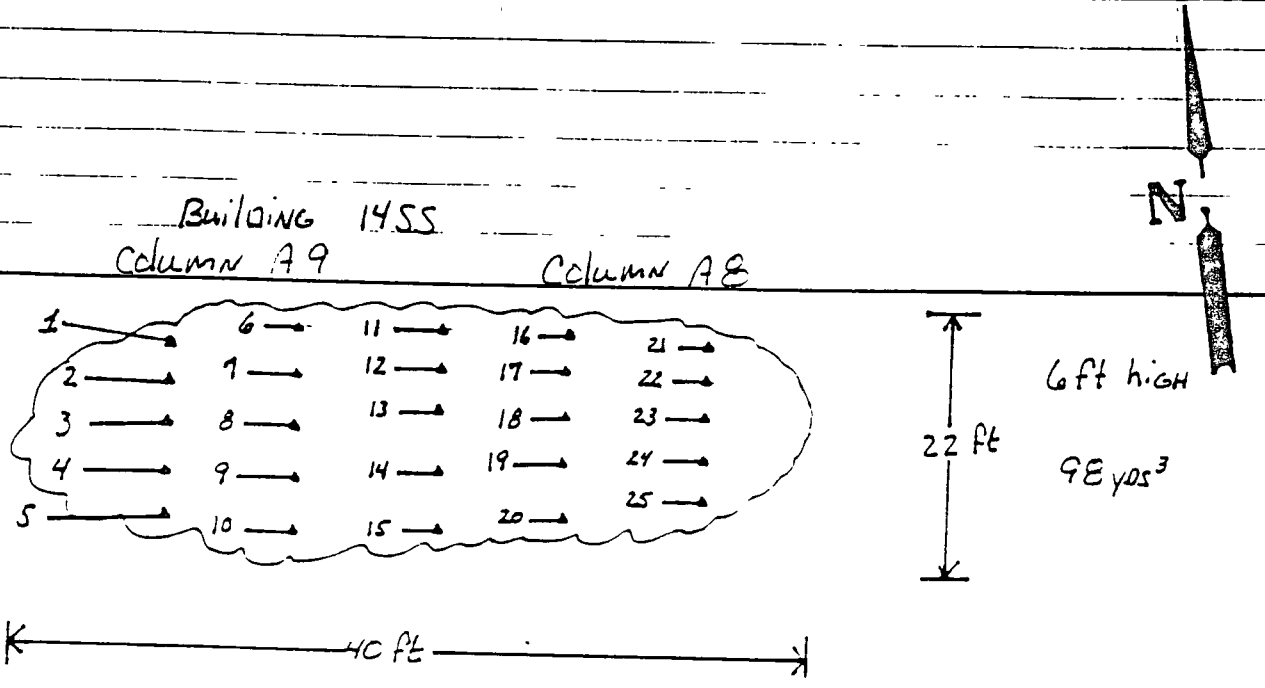
Table 1

LAB ID	SAMPLE DATE	PCBs (ppm)	TCLP	SAMPLE MATERIAL	SAMPLE TYPE	SAMPLE LOCATION	SEE FIGURE
14SS-G27-1	April 23, 1999	3.3	N/A	ASPHALT	DISCRETE-GRAB	1	2
14SS-G27-2	April 23, 1999	<1	N/A	ASPHALT	DISCRETE-GRAB	2	2
14SS-G27-3	April 23 1999	1 1	N/A	ASPHALT	DISCRETE-GRAB	3	2
14SS-G27-4	April 23, 1999	2 1	N/A	ASPHALT	DISCRETE-GRAB	4	2
14SS-G27-5	April 23, 1999	2.2	N/A	ASPHALT	DISCRETE-GRAB	5	2
14SS-G27-6	April 23 1999	3 4	N/A	ASPHALT	DISCRETE-GRAB	6	2
14SS-G27-7	April 23 1999	3 0	N/A	ASPHALT	DISCRETE-GRAB	7	2
14SS-G27-8	April 23, 1999	4 0	N/A	ASPHALT	DISCRETE-GRAB	8	2
14SS-G27-9	April 23, 1999	1 9	N/A	ASPHALT	DISCRETE-GRAB	9	2
14SS-G27-10	April 23, 1999	1 5	N/A	ASPHALT	DISCRETE-GRAB	10	2
14SS-G27-11	April 23, 1999	7 8	N/A	ASPHALT	DISCRETE-GRAB	11	2
14SS-G27-12	April 23, 1999	4 7	N/A	ASPHALT	DISCRETE-GRAB	12	2
14SS-G27-13	April 23, 1999	4 9	N/A	ASPHALT	DISCRETE-GRAB	13	2
14SS-G27-14	April 23 1999	4 3	N/A	ASPHALT	DISCRETE-GRAB	14	2
14SS-G27-15	April 23, 1999	4 8	N/A	ASPHALT	DISCRETE-GRAB	15	2
14SS-G27-16	April 23, 1999	<1	N/A	SOIL	DISCRETE-GRAB	16	2
14SS-G27-17	April 23, 1999	3.4	N/A	SOIL	DISCRETE-GRAB	17	2
14SS-G27-18	April 23, 1999	<1	N/A	SOIL	DISCRETE-GRAB	18	2
14SS-G27-19	April 23 1999	<1	N/A	SOIL	DISCRETE-GRAB	19	2
14SS-G27-20	April 23, 1999	<1	N/A	SOIL	DISCRETE-GRAB	20	2
14SS-G27-21	April 23, 1999	1 9	N/A	SOIL	DISCRETE-GRAB	21	2
14SS-G27-22	April 23, 1999	2 2	N/A	SOIL	DISCRETE-GRAB	22	2
14SS-G27-23	April 23 1999	<1	N/A	SOIL	DISCRETE-GRAB	23	2
14SS-G27-24	April 23 1999	2 7	N/A	SOIL	DISCRETE-GRAB	24	2
14SS-G27-25	April 23 1999	4 5	N/A	SOIL	DISCRETE-GRAB	25	2
14SS-G27-C1	April 23 1999	N/A	SEE RESULTS	SOIL & ASPHALT	FIELD-COMPOSITE	1 - 25	2

BLASLAND, BOUCK & LEE
ENGINEERS & GEOSCIENTISTS

SUBJECT	PROJ. NO.	BY	DATE	SHEET
PLASTICS GATE 27 ENTRY ROAD Soil Pile Sampling	201.19.30	SLL	4/23/99	1

FIGURE 2



LEGEND (NOT TO SCALE)

- ▲ SAMPLE LOCATION
- Soil + Asphalt pile
- Walls to building 1455

Attachment 1

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FAX COVER SHEET

Date: 5/3/99 Time: 4:50 PM

Number of pages including cover sheet: 41

To:
1. Jeff Nicholson
2. Bruce Eustan

Phone:

Fax:

CC:

From:
Chris Hess
ADIRONDACK ENVIRONMENTAL SERVICES, INC.
314 NORTH PEARL ST.
ALBANY, N.Y. 12207
Phone: (518) 434 - 4546
Fax: (518) 434 - 0891

REMARKS: ☐ Urgent ☐ For your review ☐ Reply ASAP ☐ Please comment

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LABORATORY REPORT

for

Blasland, Bouck & Lee, Inc.
Attn: Bruce E. Eulian
100 Woodlawn Avenue
Pittsfield, MA 01201

Attention: Bruce E. Eulian

Purchase Order #: PJ: 201.19.30

CC: J. Nicholson

Report date: 05/03/99
Number of samples analyzed: 35
ALS Project ID: 990426 2
Invoice #: 199474

ELAP ID#: 10709

AIHA ID#: 7866

MAY 03 1999 17:26

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CLIENT: Blasland, Bouck & Lee, Inc.
CLIENT'S SAMPLE ID: 14SS-G27-1
AES sample #: 990426 B01
Samples taken by: S.L./B.K.
MATRIX: Solid Sample
Date Sampled: 04/23/99
Date sample received: 04/26/99
Location: Plastics Paving grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Total Solids	ASTM-D3987-85	97	%	PL-342	04/28/99
PCB-1016	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1221	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1232	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1242	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1248	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1254	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1260	EPA-8082	3.3	ug/g Dry	KF-PCBAB46	04/27/99

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CLIENT: Blasland, Bouck & Lee, Inc.
CLIENT'S SAMPLE ID: 14SS-G27-2
AES sample #: 990426 E02
Samples taken by: S.L./B.K.
MATRIX: Solid Sample
Date Sampled: 04/23/99
Date sample received: 04/26/99
Location: Plastics Paving grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Total Solids	ASTM-D3987-85	99	%	PL-342	04/28/99
PCB-1016	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1221	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1232	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1242	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1248	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1254	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1260	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99

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CLIENT: Blasland, Bouck & Lee, Inc.
CLIENT'S SAMPLE ID: 14SS-G27-3
AES sample #: 990426 B03
Samples taken by: S.L./B.K.
MATRIX: Solid Sample
Date Sampled: 04/23/99
Date sample received: 04/26/99
Location: Plastics Paving grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Total Solids	ASTM-D3987-85	99	%	PL-342	04/28/99
PCB-1016	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1221	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1232	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1242	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1248	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1254	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1260	EPA-8082	1.1	ug/g Dry	KF-PCBAB46	04/27/99

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CLIENT: Blasland, Bouck & Lee, Inc.
CLIENT'S SAMPLE ID: 14SS-G27-4
AES sample #: 990426 B04
Samples taken by: S.L./B.K.
MATRIX: Solid Sample
Date Sampled: 04/23/99
Date sample received: 04/26/99
Location: Plastics Paving grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Total Solids	ASTM-D3987-85	97	%	FL-342	04/28/99
PCB-1016	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1221	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1232	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1242	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1248	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1254	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1260	EPA-8082	2.1	ug/g Dry	KF-PCBAB46	04/27/99

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CLIENT: Blasland, Bouck & Lee, Inc.
CLIENT'S SAMPLE ID: 14SS-G27-5
AES sample #: 990426 B05
Samples taken by: S.L./B.K.
MATRIX: Solid Sample
Date Sampled: 04/23/99
Date sample received: 04/26/99
Location: Plastics Paving grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Total Solids	ASTM-D3987-85	99	%	FL-342	04/28/99
PCB-1016	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1221	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1232	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1242	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1248	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1254	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1260	EPA-8082	2.2	ug/g Dry	KF-PCBAB46	04/27/99

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CLIENT: Blasland, Bouck & Lee, Inc.
CLIENT'S SAMPLE ID: 14SS-G27-6
AES sample #: 990426 B06

Date Sampled: 04/23/99
Date sample received: 04/26/99
Samples taken by: S.L./B.K.
Location: Plastics Paving
MATRIX: Solid Sample
grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Total Solids	ASTM-D3987-85	94	%	PL-342	04/28/99
PCB-1016	EPA-8082	<1.1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1221	EPA-8082	<1.1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1232	EPA-8082	<1.1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1242	EPA-8082	<1.1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1248	EPA-8082	<1.1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1254	EPA-8082	<1.1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1260	EPA-8082	3.4	ug/g Dry	KF-PCBAB46	04/27/99

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CLIENT: Blasland, Bouck & Lee, Inc.
CLIENT'S SAMPLE ID: 14SS-G27-7
AES sample #: 990426 B07
Samples taken by: S.L./B.K.
MATRIX: Solid Sample
Date Sampled: 04/23/99
Date sample received: 04/26/99
Location: Plastics Paving grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Total Solids	ASTM-D3987-85	97	%	PL-342	04/28/99
PCB-1016	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1221	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1232	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1242	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1248	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1254	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1260	EPA-8082	3.0	ug/g Dry	KF-PCBAB46	04/27/99

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CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 04/23/99
CLIENT'S SAMPLE ID: 14SS-G27-8 Date sample received: 04/26/99
AES sample #: 990426 E08 Samples taken by: S.L./B.K. Location: Plastics Paving
MATRIX: Solid Sample grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Total Solids	ASTM-D3987-85	96	%	PL-342	04/28/99
PCB-1016	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1221	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1232	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1242	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1248	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1254	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1260	EPA-8082	4.0	ug/g Dry	KF-PCBAB46	04/27/99

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CLIENT: Blasland, Bouck & Lee, Inc.
CLIENT'S SAMPLE ID: 14SS-G27-9
AES sample #: 990426 B09
Samples taken by: S.L./B.K.
MATRIX: Solid Sample
Date Sampled: 04/23/99
Date sample received: 04/26/99
Location: Plastics Paving grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Total Solids	ASTM-D3987-85	96	%	PL-342	04/28/99
PCB-1016	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1221	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1232	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1242	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1248	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1254	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1260	EPA-8082	1.9	ug/g Dry	KF-PCBAB46	04/27/99

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CLIENT: Blasland, Bouck & Lee, Inc.
CLIENT'S SAMPLE ID: 14SS-G27-10
AES sample #: 990426 B10 Samples taken by: S.L./B.K.
MATRIX: Solid Sample

Date Sampled: 04/23/99
Date sample received: 04/26/99
Location: Plastics Paving grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Total Solids	ASTM-D3987-85	97	%	PL-342	04/28/99
PCB-1016	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1221	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1232	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1242	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1248	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1254	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1260	EPA-8082	1.5	ug/g Dry	KF-PCBAB46	04/27/99

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CLIENT: Blasland, Bouck & Lee, Inc.
CLIENT'S SAMPLE ID: 14SS-G27-11
AES sample #: 990426 B11
Samples taken by: S.L./B.K.
MATRIX: Solid Sample
Date Sampled: 04/23/99
Date sample received: 04/26/99
Location: Plastics Paving grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Total Solids	ASTM-D3987-85	99	%	PL-342	04/28/99
PCB-1016	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1221	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1232	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1242	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1248	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1254	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1260	EPA-8082	7.8	ug/g Dry	KF-PCBAB46	04/27/99

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CLIENT: Blasland, Bouck & Lee, Inc.
CLIENT'S SAMPLE ID: 14SS-G27-12
AES sample #: 990426 B12
Samples taken by: S.L./B.K.
MATRIX: Solid Sample
Date Sampled: 04/23/99
Date sample received: 04/26/99
Location: Plastics Paving grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Total Solids	ASTM-D3987-85	99	%	PL-342	04/28/99
PCB-1016	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1221	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1232	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1242	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1248	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1254	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1260	EPA-8082	4.7	ug/g Dry	KF-PCBAB46	04/27/99

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CLIENT: Blasland, Bouck & Lee, Inc.
CLIENT'S SAMPLE ID: 14SS-G27-13
AES sample #: 990426 B13
Samples taken by: S.L./B.K.
MATRIX: Solid Sample
Date Sampled: 04/23/99
Date sample received: 04/26/99
Location: Plastics Paving grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Total Solids	ASTM-D3987-85	97	%	PL-342	04/28/99
PCB-1016	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1221	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1232	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1242	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1248	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1254	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1260	EPA-8082	4.9	ug/g Dry	KF-PCBAB46	04/27/99

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CLIENT: Blasland, Bouck & Lee, Inc.
CLIENT'S SAMPLE ID: 14SS-G27-14
AES sample #: 990426 B14 Samples taken by: S.L./B.K.
MATRIX: Solid Sample

Date Sampled: 04/23/99
Date sample received: 04/26/99
Location: Plastics Paving grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Total Solids	ASTM-D3987-85	98	%	FL-342	04/28/99
PCB-1016	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1221	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1232	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1242	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1248	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1254	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1260	EPA-8082	4.3	ug/g Dry	KF-PCBAB46	04/27/99

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CLIENT: Blasland, Bouck & Lee, Inc.
CLIENT'S SAMPLE ID: 14SS-G27-15
AES sample #: 990426 B15
Samples taken by: S.L./B.K.
MATRIX: Solid Sample
Date Sampled: 04/23/99
Date sample received: 04/26/99
Location: Plastics Paving grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Total Solids	ASTM-D3987-85	96	%	PL-342	04/28/99
PCB-1016	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1221	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1232	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1242	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1248	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1254	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1260	EPA-8082	4.8	ug/g Dry	KF-PCBAB46	04/27/99

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CLIENT: Blasland, Bouck & Lee, Inc.
CLIENT'S SAMPLE ID: 14SS-G27-15 MS
AES sample #: 990426 B16 Samples taken by: S.L./B.K.
MATRIX: Solid Sample

Date Sampled: 04/23/99
Date sample received: 04/26/99
Location: Plastics Paving grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Total Solids	ASTM-D3987-85	95	%	PL-342	04/28/99
PCB	EPA-8082	116	%	KF-PCBAB46	04/27/99

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CLIENT: Blasland, Bouck & Lee, Inc.
CLIENT'S SAMPLE ID: 14SS-G27-15 MSD
AES sample #: 990426 E17
Samples taken by: S.L./B.K.
MATRIX: Solid Sample
Date Sampled: 04/23/99
Date sample received: 04/26/99
Location: Plastics Paving
grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Total Solids	ASTM-D3987-85	95	%	PL-342	04/28/99
PCB	EPA-8082	106	%	KF-PCBAE46	04/27/99

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CLIENT: Blasland, Bouck & Lee, Inc.
CLIENT'S SAMPLE ID: 14SS-G27-16
AES sample #: 990426 B18
Samples taken by: S.L./B.K.
MATRIX: Soil
Date Sampled: 04/23/99
Date sample received: 04/26/99
Location: Plastics Paving grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Total Solids	ASTM-D3987-85	99	%	PL-342	04/28/99
PCB-1016	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1221	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1232	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1242	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1248	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1254	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1260	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99

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CLIENT: Blasland, Bouck & Lee, Inc.
CLIENT'S SAMPLE ID: 14SS-G27-17
AES sample #: 990426 B19 Samples taken by: S.L./B.K.
MATRIX: Soil

Date Sampled: 04/23/99
Date sample received: 04/26/99
Location: Plastics Paving grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Total Solids	ASTM-D3987-85	97	%	PL-342	04/28/99
PCB-1016	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1221	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1232	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1242	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1248	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1254	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1260	EPA-8082	3.4	ug/g Dry	KF-PCBAB46	04/27/99

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CLIENT: Blasland, Bouck & Lee, Inc.
CLIENT'S SAMPLE ID: 14SS-G27-18
AES sample #: 990426 B20 Samples taken by: S.L./B.K.
MATRIX: Soil

Date Sampled: 04/23/99
Date sample received: 04/26/99
Location: Plastics Paving grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Total Solids	ASTM-D3987-85	98	%	PL-342	04/28/99
PCB-1016	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1221	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1232	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1242	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1248	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1254	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1260	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99

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CLIENT: Blasland, Bouck & Lee, Inc.
CLIENT'S SAMPLE ID: 14SS-G27-19
AES sample #: 990426 B21
Samples taken by: S.L./B.K.
MATRIX: Soil
Date Sampled: 04/23/99
Date sample received: 04/26/99
Location: Plastics Paving grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Total Solids	ASTM-D3987-85	98	%	PL-342	04/28/99
PCB-1016	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1221	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1232	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1242	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1248	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1254	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1260	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99

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CLIENT: Blasland, Bouck & Lee, Inc.
CLIENT'S SAMPLE ID: 14SS-G27-20
AES sample #: 990426 B22
Samples taken by: S.L./B.K.
MATRIX: Soil
Date Sampled: 04/23/99
Date sample received: 04/26/99
Location: Plastics Paving grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Total Solids	ASTM-D3987-85	97	%	PL-342	04/28/99
PCB-1016	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1221	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1232	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1242	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1248	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1254	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1260	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99

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CLIENT: Blasland, Bouck & Lee, Inc.
CLIENT'S SAMPLE ID: 14SS-G27-21
AES sample #: 990426 B23 Samples taken by: S.L./B.K.
MATRIX: Soil

Date Sampled: 04/23/99
Date sample received: 04/26/99
Location: Plastics Paving
grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Total Solids	ASTM-D3987-85	100	%	PL-342	04/28/99
PCB-1016	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1221	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1232	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1242	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1248	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1254	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1260	EPA-8082	1.9	ug/g Dry	KF-PCBAB46	04/27/99

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CLIENT: Blasland, Bouck & Lee, Inc.
CLIENT'S SAMPLE ID: 14SS-G27-21 MS
AES sample #: 990426 B24
Samples taken by: S.L./B.K.
MATRIX: Soil
Date Sampled: 04/23/99
Date sample received: 04/26/99
Location: Plastics Paving grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Total Solids	ASTM-D3987-85	100	%	PL-342	04/28/99
PCB	EPA-8082	116	%	KF-PCBAB46	04/27/00

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CLIENT: Blasland, Bouck & Lee, Inc.
CLIENT'S SAMPLE ID: 14SS-G27-21 MSD
AES sample #: 990426 325 Samples taken by: S.L./B.K.
MATRIX: Soil

Date Sampled: 04/23/99
Date sample received: 04/26/99
Location: Plastics Paving grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Total Solids	ASTM-D3987-85	100	%	PL-342	04/28/99
PCB	EPA-8082	118	%	KF-PCBAB46	04/27/99

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CLIENT: Blasland, Bouck & Lee, Inc.
CLIENT'S SAMPLE ID: 14SS-G27-22
AES Sample #: 990426 B26 Samples taken by: S.L./B.K.
MATRIX: Soil

Date Sampled: 04/23/99
Date sample received: 04/26/99
Location: Plastics Paving grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Total Solids	ASTM-D3987-85	97	%	PL-342	04/28/99
PCB-1016	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1221	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1232	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1242	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1248	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1254	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1260	EPA-8082	2.2	ug/g Dry	KF-PCBAB46	04/27/99

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CLIENT: Blasland, Bouck & Lee, Inc.
CLIENT'S SAMPLE ID: 14SS-G27-23
AES sample #: 990426 B27 Samples taken by: S.L./B.K.
MATRIX: Soil

Date Sampled: 04/23/99
Date sample received: 04/26/99
Location: Plastics Paving grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Total Solids	ASTM-D3987-85	96	%	PL-342	04/28/99
PCB-1016	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1221	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1232	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1242	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1248	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1254	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1260	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99

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CLIENT: Blasland, Bouck & Lee, Inc.
CLIENT'S SAMPLE ID: 14SS-G27-24
AES sample #: 990426 B28 Samples taken by: S.L./B.K.
MATRIX: Soil

Date Sampled: 04/23/99
Date sample received: 04/26/99
Location: Plastics Paving grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Total Solids	ASTM-D3987-85	92	%	PL-342	04/28/99
PCB-1016	EPA-8082	<1.1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1221	EPA-8082	<1.1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1232	EPA-8082	<1.1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1242	EPA-8082	<1.1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1248	EPA-8082	<1.1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1254	EPA-8082	<1.1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1260	EPA-8082	2.7	ug/g Dry	KF-PCBAB46	04/27/99

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CLIENT: Blasland, Bouck & Lee, Inc.
CLIENT'S SAMPLE ID: 14SS-G27-25
AES sample #: 990426 E29 Samples taken by: S.L./B.K. Location: Plastics Paving grab
MATRIX: Soil

Date Sampled: 04/23/99
Date sample received: 04/26/99

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Total Solids	ASTM-D3987-85	93	%	PL-343	04/28/99
PCB-1016	EPA-8082	<1.1	ug/g Dry	KF-PCBAE46	04/27/99
PCB-1221	EPA-8082	<1.1	ug/g Dry	KF-PCBAE46	04/27/99
PCB-1232	EPA-8082	<1.1	ug/g Dry	KF-PCBAE46	04/27/99
PCB-1242	EPA-8082	<1.1	ug/g Dry	KF-PCBAE46	04/27/99
PCB-1248	EPA-8082	<1.1	ug/g Dry	KF-PCBAE46	04/27/99
PCB-1254	EPA-8082	<1.1	ug/g Dry	KF-PCBAE46	04/27/99
PCB-1260	EPA-8082	4.5	ug/g Dry	KF-PCBAE46	04/27/99

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CLIENT: Blasland, Bouck & Lee, Inc.
CLIENT'S SAMPLE ID: 14SS-G27-C1
AES sample #: 990426 B30 Samples taken by: S.L./B.K.
MATRIX: Soil

Date Sampled: 04/23/99
Date sample received: 04/26/99
Location: Plastics Paving composite

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
TCLP Extraction (ZHE)	EPA-1311	Complete		MG-BS-40	04/26/99
Benzene - TCLP Extract	EPA-8260	<85	ug/l	MG-BS-40	04/29/99
Carbon Tetrachloride-TCLP Ext.	EPA-8260	<85	ug/l	MG-BS-40	04/29/99
Chlorobenzene-TCLP Extract	EPA-8260	<85	ug/l	MG-BS-40	04/29/99
Chloroform-TCLP Extract	EPA-8260	<85	ug/l	MG-BS-40	04/29/99
1,2-Dichloroethane-TCLP Ext.	EPA-8260	<85	ug/l	MG-BS-40	04/29/99
1,1-Dichloroethene-TCLP Ext.	EPA-8260	<85	ug/l	MG-BS-40	04/29/99
Methyl Ethyl Ketone-TCLP Ext.	EPA-8260	<170	ug/l	MG-BS-40	04/29/99
Tetrachloroethylene-TCLP Ext.	EPA-8260	<85	ug/l	MG-BS-40	04/29/99
Trichloroethylene-TCLP Extract	EPA-8260	<85	ug/l	MG-BS-40	04/29/99
Vinyl Chloride-TCLP Extraction	EPA-8260	<170	ug/l	MG-BS-40	04/29/99
TCLP Extraction	EPA-1311	Complete		METALS	04/29/99
Nitrobenzene-TCLP Extract	EPA-8270	<100	ug/l	MT-BT-47	04/29/99
Pyridine-TCLP Extract	EPA-8270	<100	ug/l	MT-BT-47	04/29/99
Cresols (Total) TCLP Extract.	EPA-8270	<100	ug/l	MT-BT-47	04/29/99
1,4-Dichlorobenzene-TCLP Ext.	EPA-8270	<100	ug/l	MT-BT-47	04/29/99
2,4-Dinitrotoluene-TCLP Ext.	EPA-8270	<100	ug/l	MT-BT-47	04/29/99
Hexachlorobenzene-TCLP Extract	EPA-8270	<100	ug/l	MT-BT-47	04/29/99
Hexachlorobutadiene-TCLP Ext.	EPA-8270	<100	ug/l	MT-BT-47	04/29/99
Hexachloroethane-TCLP Extract	EPA-8270	<100	ug/l	MT-BT-47	04/29/99

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CLIENT: Blasland, Bouck & Lee, Inc.
CLIENT'S SAMPLE ID: 14SS-G27-C1 MS
AES sample #: 990426 B31 Samples taken by: S.L./B.K.
MATRIX: Soil

Date Sampled: 04/23/99
Date sample received: 04/26/99
Location: Plastics Paving composite

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
1,1-Dichloroethene	EPA-8260	136	%	MG-BS-40	04/29/99
Trichloroethene	EPA-8260	82	%	MG-BS-40	04/29/99
Chlorobenzene	EPA-8260	80	%	MG-BS-40	04/29/99
Toluene	EPA-8260	79	%	MG-BS-40	04/29/99
Benzene	EPA-8260	83	%	MG-BS-40	04/29/99
1,2,4 Trichlorobenzene	EPA-8270	41	%	MT-BT-47	04/30/99
Acenaphthene	EPA-8270	52	%	MT-BT-47	04/30/99
2,4-Dinitrotoluene	EPA-8270	78	%	MT-BT-47	04/30/99
Pyrene	EPA-8270	70	%	MT-BT-47	04/30/99
N-Nitroso-di-n-propylamine	EPA-8270	38	%	MT-BT-47	04/30/99
1,4-Dichlorobenzene	EPA-8270	38	%	MT-BT-47	04/30/99
Pentachlorophenol	EPA-8270	54	%	MT-BT-47	04/30/99
Phenol	EPA-8270	22	%	MT-BT-47	04/30/99
2-Chlorophenol	EPA-8270	42	%	MT-BT-47	04/30/99
4-Chloro-3-methylphenol	EPA-8270	80	%	MT-BT-47	04/30/99
4-Nitrophenol	EPA-8270	33	%	MT-BT-47	04/30/99
Arsenic-TCLP Extraction	EPA-6010	118	%	SM-I-1N-42	05/03/99
Barium-TCLP Extraction	EPA-6010	112	%	SM-I-1N-42	05/03/99
Cadmium-TCLP Extraction	EPA-6010	113	%	SM-I-1N-42	05/03/99
Chromium-TCLP Extraction	EPA-6010	104	%	SM-I-1N-42	05/03/99

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CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 04/23/99
CLIENT'S SAMPLE ID: 14SS-G27-C1 MS Date sample received: 04/26/99
AES sample #: 990426 B31 Samples taken by: S.L./B.K. Location: Plastics Paving
MATRIX: Soil composite

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Lead-TCLP Extraction	EPA-6010	116	%	SM-I-1N-42	05/03/99
Mercury-TCLP Extraction	EPA-7470	81	%	KH-PSN-22	04/28/99
Selenium-TCLP Extraction	EPA-6010	110	%	SM-I-1N-42	05/03/99
Silver-TCLP Extraction	EPA-6010	96	%	SM-I-1N-42	05/03/99

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CLIENT: Blasland, Bouck & Lee, Inc.
CLIENT'S SAMPLE ID: 14SS-G27-C1 MSD
AES sample #: 990426 B32
Samples taken by: S.L./B.K.
MATRIX: Soil
Date Sampled: 04/23/99
Date sample received: 04/26/99
Location: Plastics Paving composite

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
1,1-Dichloroethene	EPA-8260	132	%	MG-BS-40	04/29/99
Trichloroethene	EPA-8260	87	%	MG-BS-40	04/29/99
Chlorobenzene	EPA-8260	89	%	MG-BS-40	04/29/99
Toluene	EPA-8260	86	%	MG-BS-40	04/29/99
Benzene	EPA-8260	89	%	MG-BS-40	04/29/99
1,2,4 Trichlorobenzene	EPA-8270	49	%	MT-BT-47	04/30/99
Acenaphthene	EPA-8270	52	%	MT-BT-47	04/30/99
2,4-Dinitrotoluene	EPA-8270	61	%	MT-BT-47	04/30/99
Pyrene	EPA-8270	69	%	MT-BT-47	04/30/99
N-Nitroso-di-n-propylamine	EPA-8270	56	%	MT-BT-47	04/30/99
1,4-Dichlorobenzene	EPA-8270	46	%	MT-BT-47	04/30/99
Pentachlorophenol	EPA-8270	19	%	MT-BT-47	04/30/99
Phenol	EPA-8270	18	%	MT-BT-47	04/30/99
2-Chlorophenol	EPA-8270	34	%	MT-BT-47	04/30/99
4-Chloro-3-methylphenol	EPA-8270	73	%	MT-BT-47	04/30/99
4-Nitrophenol	EPA-8270	12	%	MT-BT-47	04/30/99
Arsenic-TCLP Extraction	EPA-6010	ND	%	SM-I-1N-42	05/03/99
Barium-TCLP Extraction	EPA-6010	ND	%	SM-I-1N-42	05/03/99
Cadmium-TCLP Extraction	EPA-6010	ND	%	SM-I-1N-42	05/03/99
Chromium-TCLP Extraction	EPA-6010	ND	%	SM-I-1N-42	05/03/99

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CLIENT: Blasland, Bouck & Lee, Inc.
CLIENT'S SAMPLE ID: 14SS-G27-C1 MSD
AES sample #: 990426 B32
Samples taken by: S.L./B.K.
MATRIX: Soil
Date Sampled: 04/23/99
Date sample received: 04/26/99
Location: Plastics Paving composite

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Lead-TCLP Extraction	EPA-6010	ND	%	SM-I-1N-42	05/03/99
Mercury-TCLP Extraction	EPA-7470	ND	%	SM-PSN-22	05/03/99
Selenium-TCLP Extraction	EPA-6010	ND	%	SM-I-1N-42	05/03/99
Silver-TCLP Extraction	EPA-6010	ND	%	SM-I-1N-42	05/03/99

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CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 04/23/99
CLIENT'S SAMPLE ID: 14SS-G27-DUP-1 Date sample received: 04/26/99
AES sample #: 990426 B33 Samples taken by: S.L./B.K. Location: Plastics Paving grab
MATRIX: Soil

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Total Solids	ASTM-D3987-85	98	%	PL-344	04/28/99
PCB-1016	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1221	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1232	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1242	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1248	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1254	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1260	EPA-8082	2.4	ug/g Dry	KF-PCBAB46	04/27/99

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CLIENT: Blasland, Bouck & Lee, Inc.
CLIENT'S SAMPLE ID: 14SS-G27-DUP-2
AES sample #: 990426 B34 Samples taken by: S.L./B.K.
MATRIX: Soil

Date Sampled: 04/23/99
Date sample received: 04/26/99
Location: Plastics Paving grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Total Solids	ASTM-D3987-85	96	%	PL-344	04/28/99
PCB-1016	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1221	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1232	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1242	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1248	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1254	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99
PCB-1260	EPA-8082	<1	ug/g Dry	KF-PCBAB46	04/27/99

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CLIENT: Blasland, Bouck & Lee, Inc.
CLIENT'S SAMPLE ID: 14SS-G27-DUP-3
AES sample #: 990426 B35 Samples taken by: S.L./B.K.
MATRIX: Soil

Date Sampled: 04/23/99
Date sample received: 04/26/99
Location: Plastics Paving grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
TCLP Extraction (ZHE)	EPA-1311	Complete	ug/l	MG-BS-40	04/29/99
Benzene - TCLP Extract	EPA-8260	<85	ug/l	MG-BS-40	04/29/99
Carbon Tetrachloride-TCLP Ext.	EPA-8260	<85	ug/l	MG-BS-40	04/29/99
Chlorobenzene-TCLP Extract	EPA-8260	<85	ug/l	MG-BS-40	04/29/99
Chloroform-TCLP Extract	EPA-8260	<85	ug/l	MG-BS-40	04/29/99
1,2-Dichloroethane-TCLP Ext.	EPA-8260	<85	ug/l	MG-BS-40	04/29/99
1,1-Dichloroethene-TCLP Ext.	EPA-8260	<85	ug/l	MG-BS-40	04/29/99
Methyl Ethyl Ketone-TCLP Ext.	EPA-8260	<170	ug/l	MG-BS-40	04/29/99
Tetrachloroethylene-TCLP Ext.	EPA-8260	<85	ug/l	MG-BS-40	04/29/99
Trichloroethylene-TCLP Extract	EPA-8260	<85	ug/l	MG-BS-40	04/29/99
Vinyl Chloride-TCLP Extraction	EPA-8260	<170	ug/l	MG-BS-40	04/29/99
TCLP Extraction	EPA-1311	Complete	ug/l	MT-BT-47	04/29/99
Nitrobenzene-TCLP Extract	EPA-8270	<100	ug/l	MT-BT-47	04/29/99
Pyridine-TCLP Extract	EPA-8270	<100	ug/l	MT-BT-47	04/29/99
Cresols (Total) TCLP Extract.	EPA-8270	<100	ug/l	MT-BT-47	04/29/99
1,4-Dichlorobenzene-TCLP Ext.	EPA-8270	<100	ug/l	MT-BT-47	04/29/99
2,4-Dinitrotoluene-TCLP Ext.	EPA-8270	<100	ug/l	MT-BT-47	04/29/99
Hexachlorobenzene-TCLP Extract	EPA-8270	<100	ug/l	MT-BT-47	04/29/99
Hexachlorobutadiene-TCLP Ext.	EPA-8270	<100	ug/l	MT-BT-47	04/29/99
Hexachloroethane-TCLP Extract	EPA-8270	<100	ug/l	MT-BT-47	04/29/99

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CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 04/23/99
CLIENT'S SAMPLE ID: 14SS-G27-DUP-3 Date sample received: 04/26/99
AES sample #: 990426 B35 Samples taken by: S.L./B.K. Location: Plastics Paving
MATRIX: Soil grab

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Pentachlorophenol-TCLP Extract	EPA-8270	<500	ug/l	MT-BT-47	04/29/99
2,4,5-Trichlorophenol-TCLP Ext	EPA-8270	<100	ug/l	MT-BT-47	04/29/99
2,4,6-Trichlorophenol-TCLP Ext	EPA-8270	<100	ug/l	MT-BT-47	04/29/99
Arsenic-TCLP Extraction	EPA-6010	<0.5	mg/l	SM-I-1N-42	05/03/99
Barium-TCLP Extraction	EPA-6010	0.21	mg/l	SM-I-1N-42	05/03/99
Cadmium-TCLP Extraction	EPA-6010	<0.01	mg/l	SM-I-1N-42	05/03/99
Chromium-TCLP Extraction	EPA-6010	<0.05	mg/l	SM-I-1N-42	05/03/99
Lead-TCLP Extraction	EPA-6010	<0.5	mg/l	SM-I-1N-42	05/03/99
Mercury-TCLP Extraction	EPA-7470	<0.02	mg/l	KH-PSN-22	04/28/99
Selenium-TCLP Extraction	EPA-6010	<0.1	mg/l	SM-I-1N-42	05/03/99
Silver-TCLP Extraction	EPA-6010	<0.02	mg/l	SM-I-1N-42	05/03/99

APPROVED BY: _____
Report date: 05/03/99

Attachment 2

Adirondack Environmental Services, Inc.
314 North Pearl Street
Albany, New York 12207
518-434-4546/434-0891 FAX

A full service analytical research laboratory offering solutions to environmental concerns

CHAIN OF CUSTODY RECORD

CLIENT NAME: Blasland Bouck + Lee

ADDRESS: GE Pittsfield
100 Woodlawn Ave.

PROJECT NAME (Location): Plastics paving preparation Gate 27 Entry Rd. Asphalt and soil pile sampling

PO NUMBER: 201.19.30

SAMPLERS: (Names) Stephen Lewitt / Brett Kamienski

SAMPLERS: (Signature) [signature]

AES SAMPLE NUMBER	CLIENT SAMPLE IDENTIFICATION & LOCATION	DATE SAMPLED	TIME A=a.m. P=p.m.	MATRIX	COMP	GRAB	NUMBER OF CONT'S	ANALYSIS REQUIRED
	1455-G27-1	4/23/99	1100	Asphalt		X	1	PCBs (8082) DLV
	-2		1105			X	1	
	-3		1110			X	1	
	-4		1115			X	1	
	-5		1120			X	1	
	-6		1125			X		
	-7		1130			X		
	-8		1135			X		
	-9		1140			X		
	-10		1145	✓		X		
	-11		1150	Asphalt sand		X		
	-12		1155	✓		X		
	-13	✓	1200	Asphalt sand		X		✓

Turnaround Time: One week turnaround time verbal

Laboratory Approval:

Relinquished by: (Signature)	Received by: (Signature)	Date/Time
[signature]		

Dispatched by: (Signature) | Date/Time | Received for Laboratory by: | Date/Time

Method of Shipment: Iced w/ in cooler

Send Report To: J Nicholson, B Emslian

Client Phone No.: (413) 494 45[illegible]

The Laboratory reserves the right to return hazardous samples to the client or may levy an appropriate fee per container for disposal

WHITE - Lab Copy YELLOW - Sampler Copy PINK - Generator Copy

Adirondack Environmental Services, Inc.
314 North Pearl Street
Albany, New York 12207
518-434-4546 / 434-0891 FAX

A full service analytical research laboratory offering solutions to environmental concerns

CHAIN OF CUSTODY RECORD

CLIENT NAME: Blasland Bouck + LEE

ADDRESS: GE Pittsfield
100 WOODLAWN AVE

PROJECT NAME (Location): PLASTICS PAVING PREPARATION GATE 27 ENTRY RD ASPHALT + SOIL PILE SAMPLING

PO NUMBER: 201.19.30

SAMPLERS (Names): STEPHEN LEWITT / BRETT KAMIENCK

SAMPLERS (Signature): [signature]

AES SAMPLE NUMBER	CLIENT SAMPLE IDENTIFICATION & LOCATION	DATE SAMPLED	TIME A=a.m. P=p.m.	MATRIX	COMP	GRAB	NUMBER OF CONT'S	ANALYSIS REQUIRED
	1455-G27-14	4/23/99	1205 P	Asphalt		X	1	PCBs (8082) ONLY
	-15		1210	↓		X	2	(MS/MSD)
	-16		1215	Soil		X	1	
	-17		1220			X	1	
	-18		1225			X	1	
	-19		1230			X		
	-20		1235			X		
	-21		1240			X	2	(MS/MSD)
	-22		1245			X		
	-23		1250			X		
	-24		1255			X		
	-25		1300			X		
	-26	✓	1305			X	2	(MS/MSD) [illegible]

Turnaround Time: ONE WEEK TURNAROUND [illegible]

Laboratory Approval:

Relinquished by: (Signature)	Received by: (Signature)	Date/Time
[signature]		
Relinquished by: (Signature)	Received by: (Signature)	Date/Time
Relinquished by: (Signature)	Received by: (Signature)	Date/Time

Dispatched by: (Signature) Date/Time Received for Laboratory by Date/Time

Method of Shipment: [illegible] COURIER

Send Report To: J. [illegible] / 3 [illegible]

Client Phone No: 413 494 43[illegible]

The Laboratory reserves the right to return hazardous samples to the client or may levy an appropriate fee per container for disposal

WHITE - Lab Copy YELLOW - Sampler Copy PINK - Generator Copy

Adirondack Environmental Services, Inc.

Adirondack Environmental Services, Inc.
314 North Pearl Street
Albany, New York 12207
518-434-4546/434-0891 FAX

3 of 3

A full service analytical research laboratory offering solutions to environmental concerns

CHAIN OF CUSTODY RECORD

Blasland Bouck + Lee

CLIENT NAME: GE Pittsfield

ADDRESS: 100 Woodlawn Ave

PROJECT NAME (Location): Plastics Pavilion Preparation Gate 29 Entry Rd. Asphalt and Soil Pile sampling

PO NUMBER: 701.19.30

SAMPLERS. (Names): Stephen C. Lenitt / Brett Kamienski

SAMPLERS: (Signature)

AES SAMPLE NUMBER	CLIENT SAMPLE IDENTIFICATION & LOCATION	DATE SAMPLED	TIME A=a.m. P=p.m.	SAMPLE TYPE: MATRIX	COMP	GRAB	NUMBER OF CONT'S	ANALYSIS REQUIRED
	1455-GZ7-DUP-1	4/23/99	A/P	Soil		X	1	PCBs
	1455-GZ7-DUP-2	4/23/99	A/P	Soil		X	1	↓
	1455-GZ7-DUP-3	4/23/99	A/P	Soil		X	1	TCLP Metals No VOC
			A/P					
			A/P					
			A/P					
			A/P					
			A/P					
			A/P					
			A/P					
			A/P					
			A/P					
			A/P					
			A/P					

Turnaround Time: One week turnaround time please

Laboratory Approval:

Relinquished by: (Signature)	Received by: Signature	Date/Time
Relinquished by: (Signature)	Received by: Signature	Date/Time
Relinquished by: Signature	Received by: Signature	Date/Time
Dispatched by: Signature / Date/Time	Received for Laboratory by:	Date/Time
Method of Shipment: Hand Delivered by Blasland	Send Report To: J. Nicholson, B. Ewigan	Client Phone No. (413) 494-4317

The Laboratory reserves the right to return hazardous samples to the client or may levy an appropriate fee per container for disposal

WHITE - Lab Copy YELLOW - Sampler Copy PINK - Generator Copy

BBL
BLASLAND, BOUCK & LEE, INC
engineers & scientists

REQUEST FOR SAMPLING

DATE: April 28, 1999
FILE NO.: 201 54.01

TO: Files
FROM: Bruce Eulian
RE: Phone Company Soil Merrill Rd. Reconstruction
Located in building 14SS

INITIATOR: Aimee Cole (GEC)

DATE: 3/26 /99

LOCATION: Bldg 14SS

EXT: 2534

CONTACT PERSON: Aimee Cole (GEC)

ITEM DESCRIPTION:

1.) Soil

PURPOSE: To collect samples at G E 's request for disposal classification of the soil placed in building 14SS which originated from the Phone Co excavations in conjunction with the Merrill Rd. Reconstruction.

NOTES: See attached sample request letter from Aimee Cole (GEC) to Bruce Eulian (BBL) dated March 26. 1999

1.) Five (5) discrete-grab samples are to be collected for PCBs analysis

2.) One (1) composite sample is to be collected for TCLP analysis. excluding pesticides and herbicides

3.) GE requests that the samples collected be analyzed by Adirondack Laboratory Albany, N Y , under PO # GEATC 04

SM
Apr 28 1999
WPWIN\insum99\1913_14ss_phone_soil cov

SAMPLING REQUEST

DATE: MARCH 26, 1999

TO: B. Eulian - BBL cc by e-mail: J. Nicholson

FROM: A. Cole - GEC AC

RE: PHONE CO. SOIL - MERRILL RD. RECONSTRUCTION

MOU

Please sample the material generated from phone company excavations in conjunction with the Merrill Rd. Reconstruction. The material is piled in 14SS and marked. Take 5 samples for each 20 yards (a minimum of 3 samples) for PCB method 8082, dry weight analysis. Take a composite of the pile for TCLP analysis, no past, no herb. Take PID readings on the soil. If the PID comes back higher than 10 units please take samples for VOC and 1,2,4 trichlorobenzene analysis in accordance with the *Protocols for the Management of Excavation Activities.*

201-54-01

BBL Project number: Merrill Rd. Reconstruction - General Soil
Turnaround time: Standard
Lab & PO# : Adirondack - GEATC 04
Fax copy to: J. Nicholson
Final Copy to: A. Cole
Invoice to: A. Cole

Please provide a COC to Jeff Nicholson in the GE lab.

~~802~~

1 4oz

1 4oz

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

SAMPLING PROGRAM FIELD SUMMARY

TO: Files
FROM: Bruce Eulian
RE: Phone Company Soil Merrill Rd. Reconstruction
Located in building 14SS

DATE: June 18, 1999
FILE NO.: 201.54.01
cc: Bill Fessler (GE)

The following is a summary of the sampling program conducted 4/15/99 on the soil placed in building 14SS. The soil originated from the Phone Co Excavations in conjunction with the Merrill Rd. Reconstruction.

At the request of Aimee Cole (GEC) the following sampling program was implemented:

- Five (5) discrete-grab samples were collected for PCBs analysis
- One (1) composite sample was collected for TCLP analysis. excluding herbicides and pesticides.

Note:
The soil pile was approximately 15 cubic yards

The samples were collected using a clear lexan tube

A summary table of the sampling program has been included (Table 1), along with a drawing showing the site location (Figure 1). A PID calibration form (Attachment 1), analytical results provided by Adirondack Laboratory, Albany, N.Y (Attachment 2) and a copy of the chain of custody that accompanied the sample (Attachment 3) have also been included.

ASM
June 18, 1999
C:\WPWIN\insum99\1913_14SS_phone_soil sum wpd (c)

BLASLAND, BOUCK & LEE, INC
engineers & scientists

Phone Company Soil Merrill Rd. Reconstruction
Building 14SS

(201.54.01)

Table 1

LAB ID	SAMPLE DATE	PCBs (ppm)	PID READINGS (PPM)	TCLP	SAMPLE MATERIAL	SAMPLE TYPE	SAMPLE LOCATION
14SS-SOIL-1	4-15-99	1 4	1 0	N/A	SOIL	DISCRETE-GRAB	1
14SS-SOIL-2	4-15-99	<1 1	1 3	N/A	SOIL	DISCRETE-GRAB	2
14SS-SOIL-3	4-15-99	1 2	0 0	N/A	SOIL	DISCRETE-GRAB	3
14SS-SOIL-4	4-15-99	<1 1	2 2	N/A	SOIL	DISCRETE-GRAB	4
14SS-SOIL-5	4-15-99	1 1	1 5	N/A	SOIL	DISCRETE-GRAB	5
14SS-SOIL-6	4-15-99	N/A	1 1	SEE LAB RESULTS	SOIL	DISCRETE-GRAB FIELD COMPOSITE	1,2,3,4,5

Notes:

The sample was collected using a clear Lexan tube

Bwk
June 18, 1999
C:\WPWIN\finsum99\1913_14SS_phone_soil tbl wpd (c)

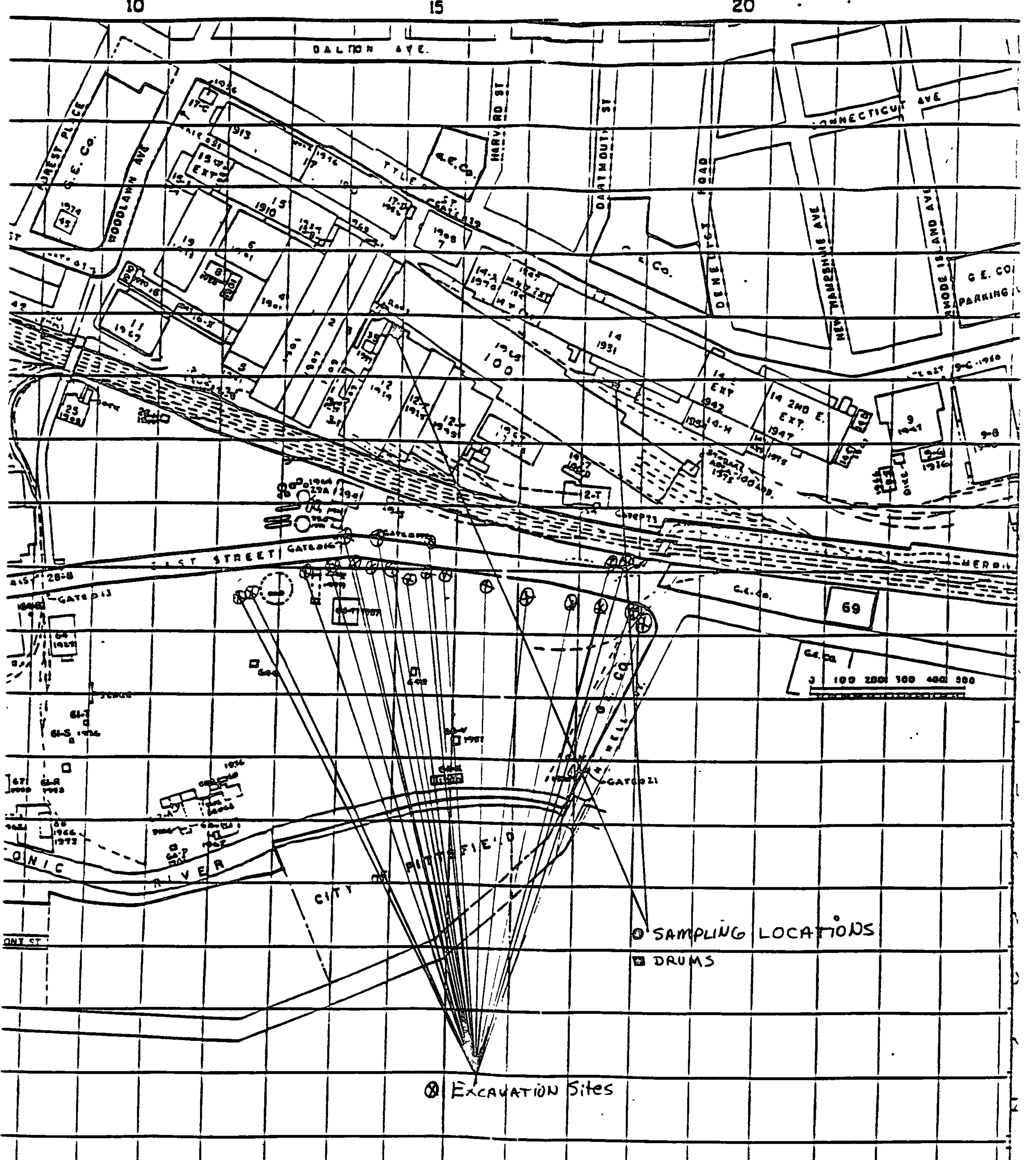

10
15
20
DALTON AVE.
CONNECTICUT AVE
HARVARD ST
DARTMOUTH ST
WOODLAWN AVE
FOREST PLACE
G.E. Co.
TYLER ST
NEW HAMPSHIRE AVE
RHODE ISLAND AVE
G.E. CO PARKING
EAST STREET
GATE 13
GATE 21
G.E. Co.
69
0 100 200 300 400 500
ONIC RIVER
CITY PITTSFIELD
SAMPLING LOCATIONS
DRUMS
Excavation Sites

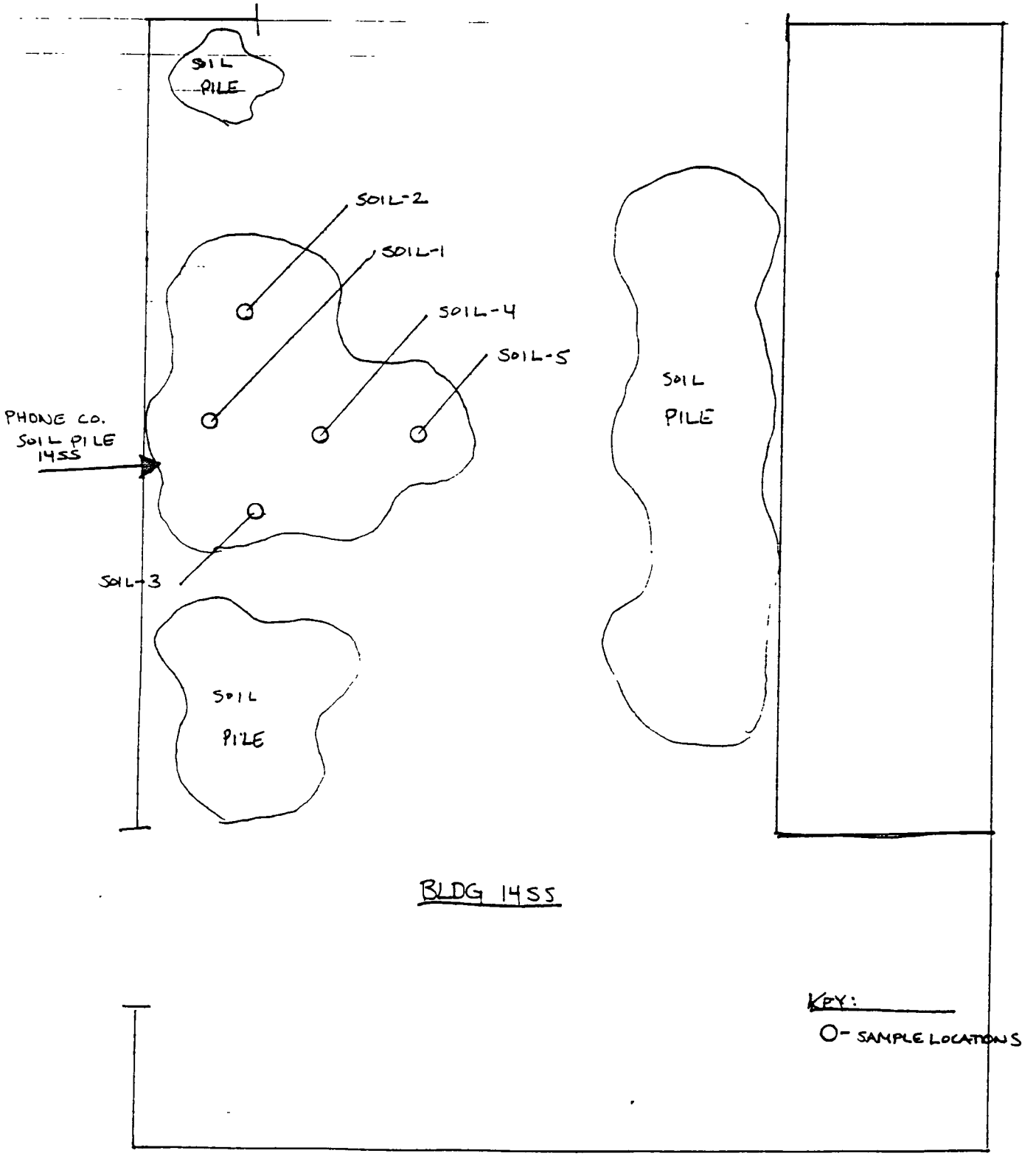
FIGURE 1

BLASLAND, BOUCK & LEE
ENGINEERS & GEOSCIENTISTS

SUBJECT	PROJ NO	BY	DATE	SHEET
PHONE CO. SOIL MERRILL RD. RECONSTRUCTION BLDG 1455	201.54.01	BWK	4/20/99	1

NORTH

FIGURE 2.



Attachment 1

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

PHOTOIONIZATION DETECTOR (PID) - MicroTIP™ HL-2000 CALIBRATION FORM

Phone Co. Soil - Merril Rd.
Reconstruction Sampling Program

(201.54.01)

Date: 4/15/99

		Initials
1.)	Connect the regulator to the span gas cylinder	BWK
2.)	Open the valve on the gas bag by turning the valve stem fully counterclockwise	BWK
3.)	Attach the nut to the regulator	BWK
4.)	Turn the regulator knob counterclockwise about half a turn	BWK
5.)	Fill the gas bag about half full and then close the regulator fully clockwise.	BWK
6.)	Disconnect the bag from the adapter and empty it Flush bag two (2) times with span gas and then fill it	BWK
7.)	Close the gas bag by turning the valve clockwise	BWK
8.)	Press **CAL** and enter the desired response factor **1.00**	BWK
9.)	**Connect zero gas then press ENTER** will display Expose meter to ambient air and press **ENTER**	BWK
10.)	Meter displays **Calibrating now, please wait...** then asks for span gas concentration enter **100.00** and then press **ENTER.**	BWK
11.)	Connect span gas and then press **ENTER.**	BWK
12.)	Meter displays **Calibrating now, please wait...**	BWK
13.)	Meter displays **100 ppm** and then goes to ready mode unit is calibrated	BWK

Attachment 2

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LABORATORY REPORT

for

General Electric Company
Mail Drop C23
100 Woodlawn Avenue
Pittsfield, MA 01201

Attention: Jeff Nicholson

Purchase Order #: 201.54.01

CC: Bruce E.Eulian

Report date: 05/03/99
Number of samples analyzed: 11
AES Project ID: 990416 F
Invoice #: 199168

ELAP ID#: 10709

AIHA ID#: 7866

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CLIENT: General Electric Company
CLIENT'S SAMPLE ID: 14SS-Soil-1
AES sample #: 990416 FO1 Samples taken by: B.W.K. BBL
MATRIX: Soil

Date Sampled: 04/15/99
Date sample received: 04/16/99
Location: Merrill Rd.Cons
grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
PCB-1016	EPA-8082	<1.1	ug/g Dry	KF-PCBAB41	04/16/99
PCB-1221	EPA-8082	<1.1	ug/g Dry	KF-PCBAB41	04/16/99
PCB-1232	EPA-8082	<1.1	ug/g Dry	KF-PCBAB41	04/16/99
PCB-1242	EPA-8082	<1.1	ug/g Dry	KF-PCBAB41	04/16/99
PCB-1248	EPA-8082	<1.1	ug/g Dry	KF-PCBAB41	04/16/99
PCB-1254	EPA-8082	<1.1	ug/g Dry	KF-PCBAB41	04/16/99
PCB-1260	EPA-8082	1.4	ug/g Dry	KF-PCBAB41	04/16/99

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CLIENT: General Electric Company
CLIENT'S SAMPLE ID: 14SS-Soil-1 MS
AES sample #: 990416 F02 Samples taken by: B.W.K. BBL
MATRIX: Soil

Date Sampled: 04/15/99
Date sample received: 04/16/99
Location: Merrill Rd.Cons
grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
PCB	EPA-8082	81.4	%	KF-PCBAB41	04/16/99

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CLIENT: General Electric Company
CLIENT'S SAMPLE ID: 14SS-Soil-1 MSD
AES sample #: 990416 F03 Samples taken by: B.W.K. BBL
MATRIX: Soil

Date Sampled: 04/15/99
Date sample received: 04/16/99
Location: Merrill Rd.Cons
grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
PCB	EPA-8082	77.7	%	KF-PCBAB41	04/16/99

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CLIENT: General Electric Company
CLIENT'S SAMPLE ID: 14SS-Soil-2
AES sample #: 990416 F04 Samples taken by: B.W.K. MATRIX: Soil
Date Sampled: 04/15/99
Date sample received: 04/16/99
BBL Location: Merrill Rd.Cons grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
PCB-1016	EPA-8082	<1.1	ug/g Dry	KF-PCBAB41	04/16/99
PCB-1221	EPA-8082	<1.1	ug/g Dry	KF-PCBAB41	04/16/99
PCB-1232	EPA-8082	<1.1	ug/g Dry	KF-PCBAB41	04/16/99
PCB-1242	EPA-8082	<1.1	ug/g Dry	KF-PCBAB41	04/16/99
PCB-1248	EPA-8082	<1.1	ug/g Dry	KF-PCBAB41	04/16/99
PCB-1254	EPA-8082	<1.1	ug/g Dry	KF-PCBAB41	04/16/99
PCB-1260	EPA-8082	<1.1	ug/g Dry	KF-PCBAB41	04/16/99

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CLIENT: General Electric Company
CLIENT'S SAMPLE ID: 14SS-Soil-3
AES sample #: 990416 F05 Samples taken by: B.W.K. BBL
MATRIX: Soil

Date Sampled: 04/15/99
Date sample received: 04/16/99
Location: Merrill Rd.Cons
grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
PCB-1016	EPA-8082	<1.2	ug/g Dry	KF-PCBAB41	04/16/99
PCB-1221	EPA-8082	<1.2	ug/g Dry	KF-PCBAB41	04/16/99
PCB-1232	EPA-8082	<1.2	ug/g Dry	KF-PCBAB41	04/16/99
PCB-1242	EPA-8082	<1.2	ug/g Dry	KF-PCBAB41	04/16/99
PCB-1248	EPA-8082	<1.2	ug/g Dry	KF-PCBAB41	04/16/99
PCB-1254	EPA-8082	<1.2	ug/g Dry	KF-PCBAB41	04/16/99
PCB-1260	EPA-8082	1.2	ug/g Dry	KF-PCBAB41	04/16/99

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Experience is the solution
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CLIENT: General Electric Company
CLIENT'S SAMPLE ID: 14SS-Soil-4
AES sample #: 990416 F06 Samples taken by: B.W.K. BBL
MATRIX: Soil

Date Sampled: 04/15/99
Date sample received: 04/16/99
Location: Merrill Rd.Cons
grab

PARAMETER	PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
PCB-1016		EPA-8082	<1.1	ug/g Dry	KF-PCBAB41	04/16/99
PCB-1221		EPA-8082	<1.1	ug/g Dry	KF-PCBAB41	04/16/99
PCB-1232		EPA-8082	<1.1	ug/g Dry	KF-PCBAB41	04/16/99
PCB-1242		EPA-8082	<1.1	ug/g Dry	KF-PCBAB41	04/16/99
PCB-1248		EPA-8082	<1.1	ug/g Dry	KF-PCBAB41	04/16/99
PCB-1254		EPA-8082	<1.1	ug/g Dry	KF-PCBAB41	04/16/99
PCB-1260		EPA-8082	<1.1	ug/g Dry	KF-PCBAB41	04/16/99

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CLIENT: General Electric Company
CLIENT'S SAMPLE ID: 14SS-Soil-5
AES sample #: 990416 F07 Samples taken by: B.W.K. BBL
MATRIX: Soil

Date Sampled: 04/15/99
Date sample received: 04/16/99
Location: Merrill Rd.Cons
grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
PCB-1016	EPA-8082	<1.1	ug/g Dry	KF-PCBAB41	04/16/99
PCB-1221	EPA-8082	<1.1	ug/g Dry	KF-PCBAB41	04/16/99
PCB-1232	EPA-8082	<1.1	ug/g Dry	KF-PCBAB41	04/16/99
PCB-1242	EPA-8082	<1.1	ug/g Dry	KF-PCBAB41	04/16/99
PCB-1248	EPA-8082	<1.1	ug/g Dry	KF-PCBAB41	04/16/99
PCB-1254	EPA-8082	<1.1	ug/g Dry	KF-PCBAB41	04/16/99
PCB-1260	EPA-8082	1.1	ug/g Dry	KF-PCBAB41	04/16/99

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CLIENT: General Electric Company
CLIENT'S SAMPLE ID: 14SS-Soil-6
AES sample #: 990416 F08 Samples taken by: B.W.K. BBL
MATRIX: Soil

Date Sampled: 04/15/99
Date sample received: 04/16/99
Location: Merrill Rd.Cons grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
TCLP Extraction (ZHE)	EPA-1311	Complete		MG-BS-40	04/22/99
Benzene - TCLP Extract	EPA-8260	<85	ug/l	MG-BS-40	04/28/99
Carbon Tetrachloride-TCLP Ext.	EPA-8260	<85	ug/l	MG-BS-40	04/28/99
Chlorobenzene-TCLP Extract	EPA-8260	<85	ug/l	MG-BS-40	04/28/99
Chloroform-TCLP Extract	EPA-8260	<85	ug/l	MG-BS-40	04/28/99
1,2-Dichloroethane-TCLP Ext.	EPA-8260	<85	ug/l	MG-BS-40	04/28/99
1,1-Dichloroethene-TCLP Ext.	EPA-8260	<85	ug/l	MG-BS-40	04/28/99
Methyl Ethyl Ketone-TCLP Ext.	EPA-8260	<170	ug/l	MG-BS-40	04/28/99
Tetrachlorethylene-TCLP Ext.	EPA-8260	<85	ug/l	MG-BS-40	04/28/99
Trichloroethylene-TCLP Extract	EPA-8260	<85	ug/l	MG-BS-40	04/28/99
Vinyl Chloride-TCLP Extraction	EPA-8260	<170	ug/l	MG-BS-40	04/28/99
TCLP Extraction	EPA-1311	Complete		METALS	04/20/99
Nitrobenzene-TCLP Extract	EPA-8270	<100	ug/l	MT-BT-45	04/29/99
Pyridine-TCLP Extract	EPA-8270	<100	ug/l	MT-BT-45	04/29/99
Cresols (Total) TCLP Extract.	EPA-8270	<100	ug/l	MT-BT-45	04/29/99
1,4-Dichlorobenzene-TCLP Ext.	EPA-8270	<100	ug/l	MT-BT-45	04/29/99
2,4-Dinitrotoluene-TCLP Ext.	EPA-8270	<100	ug/l	MT-BT-45	04/29/99
Hexachlorobenzene-TCLP Extract	EPA-8270	<100	ug/l	MT-BT-45	04/29/99
Hexachlorobutadiene-TCLP Ext.	EPA-8270	<100	ug/l	MT-BT-45	04/29/99
Hexachloroethane-TCLP Extract	EPA-8270	<100	ug/l	MT-BT-45	04/29/99

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CLIENT: General Electric Company
CLIENT'S SAMPLE ID: 14SS-Soil-6
AES sample #: 990416 F08 Samples taken by: B.W.K.
MATRIX: Soil
Date Sampled: 04/15/99
Date sample received: 04/16/99
BBL Location: Merrill Rd.Cons grab

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Pentachlorophenol-TCLP Extract	EPA-8270	<500	ug/l	MT-BT-45	04/29/99
2,4,5-Trichlorophenol-TCLP Ext	EPA-8270	<100	ug/l	MT-BT-45	04/29/99
2,4,6-Trichlorophenol-TCLP Ext	EPA-8270	<100	ug/l	MT-BT-45	04/29/99
Arsenic-TCLP Extraction	EPA-6010	<0.5	mg/l	CG-I-1N-37	04/23/99
Barium-TCLP Extraction	EPA-6010	0.01	mg/l	CG-I-1N-37	04/23/99
Cadmium-TCLP Extraction	EPA-6010	<0.01	mg/l	CG-I-1N-37	04/23/99
Chromium-TCLP Extraction	EPA-6010	<0.05	mg/l	CG-I-1N-37	04/23/99
Lead-TCLP Extraction	EPA-6010	<0.5	mg/l	CG-I-1N-37	04/23/99
Mercury-TCLP Extraction	EPA-7470	<0.02	mg/l	KH-PSN-16	04/20/99
Selenium-TCLP Extraction	EPA-6010	<0.1	mg/l	CG-I-1N-37	04/23/99
Silver-TCLP Extraction	EPA-6010	<0.02	mg/l	CG-I-1N-37	04/23/99

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CLIENT: General Electric Company
CLIENT'S SAMPLE ID: 14SS-Soil-6 MS
AES sample #: 990416 F09 Samples taken by: B.W.K. BBL
MATRIX: Soil

Date Sampled: 04/15/99
Date sample received: 04/16/99
Location: Merrill Rd.Cons grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
1,1-Dichloroethene	EPA-8260	118	%	MG-BS-40	04/28/99
Trichloroethene	EPA-8260	100	%	MG-BS-40	04/28/99
Chlorobenzene	EPA-8260	114	%	MG-BS-40	04/28/99
Toluene	EPA-8260	106	%	MG-BS-40	04/28/99
Benzene	EPA-8260	108	%	MG-BS-40	04/28/99
1,2,4 Trichlorobenzene	EPA-8270	52	%	MT-BT-45	04/29/99
Acenaphthene	EPA-8270	86	%	MT-BT-45	04/29/99
2,4-Dinitrotoluene	EPA-8270	122	%	MT-BT-45	04/29/99
Di-n-butyl phthalate	EPA-8270	140	%	MT-BT-45	04/29/99
Pyrene	EPA-8270	118	%	MT-BT-45	04/29/99
N-Nitroso-di-n-propylamine	EPA-8270	124	%	MT-BT-45	04/29/99
1,4-Dichlorobenzene	EPA-8270	57	%	MT-BT-45	04/29/99
Pentachlorophenol	EPA-8270	9	%	MT-BT-45	04/29/99
Phenol	EPA-8270	33	%	MT-BT-45	04/29/99
2-Chlorophenol	EPA-8270	50	%	MT-BT-45	04/29/99
4-Chloro-3-methylphenol	EPA-8270	103	%	MT-BT-45	04/29/99
4-Nitrophenol	EPA-8270	21	%	MT-BT-45	04/29/99
Arsenic	EPA-6010	111	%	CG-I-1N-37	04/23/99
Barium	EPA-6010	94	%	CG-I-1N-37	04/23/99
Cadmium	EPA-6010	124	%	CG-I-1N-37	04/23/99

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CLIENT: General Electric Company
CLIENT'S SAMPLE ID: 14SS-Soil-6 MS
AES sample #: 990416 F09 Samples taken by: B.W.K. BBL
MATRIX: Soil
Date Sampled: 04/15/99
Date sample received: 04/16/99
Location: Merrill Rd.Cons
grab

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Chromium	EPA-6010	96	%	CG-I-1N-37	04/23/99
Lead	EPA-6010	104	%	CG-I-1N-37	04/23/99
Mercury	EPA-7471	104	%	KH-PSN-16	04/20/99
Selenium	EPA-6010	113	%	CG-I-1N-37	04/23/99
Silver	EPA-6010	67	%	CG-I-1N-37	04/23/99

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CLIENT: General Electric Company
CLIENT'S SAMPLE ID: 14SS-Soil-6 MSD
AES sample #: 990416 F10 Samples taken by: B.W.K. BBL
MATRIX: Soil

Date Sampled: 04/15/99
Date sample received: 04/16/99
Location: Merrill Rd.Cons
grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
1,1-Dichloroethene	EPA-8260	<1	%	MG-BS-40	04/28/99
Trichloroethene	EPA-8260	<1	%	MG-BS-40	04/28/99
Chlorobenzene	EPA-8260	1.8	%	MG-BS-40	04/28/99
Toluene	EPA-8260	<1	%	MG-BS-40	04/28/99
Benzene	EPA-8260	<1	%	MG-BS-40	04/28/99
1,2,4 Trichlorobenzene	EPA-8270	30	%	MT-BT-45	04/29/99
Acenaphthene	EPA-8270	9.9	%	MT-BT-45	04/29/99
2,4-Dinitrotoluene	EPA-8270	8.6	%	MT-BT-45	04/29/99
Di-n-butyl phthalate	EPA-8270	10	%	MT-BT-45	04/29/99
Pyrene	EPA-8270	3.5	%	MT-BT-45	04/29/99
N-Nitroso-di-n-propylamine	EPA-8270	7.8	%	MT-BT-45	04/29/99
1,4-Dichlorobenzene	EPA-8270	36	%	MT-BT-45	04/29/99
Pentachlorophenol	EPA-8270	29	%	MT-BT-45	04/29/99
Phenol	EPA-8270	19	%	MT-BT-45	04/29/99
2-Chlorophenol	EPA-8270	21	%	MT-BT-45	04/29/99
4-Chloro-3-methylphenol	EPA-8270	3.8	%	MT-BT-45	04/29/99
4-Nitrophenol	EPA-8270	ND	%	MT-BT-45	04/29/99
Arsenic	EPA-6010	ND	%	CG-I-1N-37	04/23/99
Barium	EPA-6010	<1	%	CG-I-1N-37	04/23/99
Cadmium	EPA-6010	ND	%	CG-I-1N-37	04/23/99

Adirondack
Experience is the solution
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CLIENT: General Electric Company
CLIENT'S SAMPLE ID: 14SS-Soil-6 MSD
AES sample #: 990416 F10
Samples taken by: B.W.K. BBL
MATRIX: Soil
Date Sampled: 04/15/99
Date sample received: 04/16/99
Location: Merrill Rd.Cons
grab

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Chromium	EPA-6010	ND	%	CG-I-1N-37	04/23/99
Lead	EPA-6010	ND	%	CG-I-1N-37	04/23/99
Mercury	EPA-7471	ND	%	KH-PSN-16	04/20/99
Selenium	EPA-6010	ND	%	CG-I-1N-37	04/23/99
Silver	EPA-6010	ND	%	CG-I-1N-37	04/23/99

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CLIENT: General Electric Company
CLIENT'S SAMPLE ID: 14SS-Dup-1
AES sample #: 990416 F11 Samples taken by: B.W.K. BBL
MATRIX: Soil

Date Sampled: 04/15/99
Date sample received: 04/16/99
Location: Merrill Rd.Cons
grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
PCB-1016	EPA-8082	<1.2	ug/g Dry	KF-PCBAB41	04/16/99
PCB-1221	EPA-8082	<1.2	ug/g Dry	KF-PCBAB41	04/16/99
PCB-1232	EPA-8082	<1.2	ug/g Dry	KF-PCBAB41	04/16/99
PCB-1242	EPA-8082	<1.2	ug/g Dry	KF-PCBAB41	04/16/99
PCB-1248	EPA-8082	<1.2	ug/g Dry	KF-PCBAB41	04/16/99
PCB-1254	EPA-8082	<1.2	ug/g Dry	KF-PCBAB41	04/16/99
PCB-1260	EPA-8082	<1.2	ug/g Dry	KF-PCBAB41	04/16/99

APPROVED BY:
Report date: 05/03/99

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists
6723 Towpath Road, P.O. Box 66
Syracuse, New York 13214-0066
TEL: (315) 446-9120

990416 F

PLEASE SEND LAB REPORT TO:
BRUCE EULIAN
Blasland, Bouck & Lee, Inc.
C/O GENERAL ELECTRIC CO.
100 WOODLAWN AVE
PITTSFIELD, MA 01201

CHAIN OF CUSTODY RECORD

PROJECT NO. 201.54.01

PROJECT NAME MERRILL ROAD RECONSTRUCTION
DUPONT CO. SOIL PILE BLDG 1455

SAMPLE I.D. LAB ID	CUSTODY TAPE NUMBER	DATE	TIME	COMP.	GRAB	SAMPLE TYPE: SOLID	SAMPLE TYPE: WIPE	SAMPLE TYPE: WATER	Number of Containers	PCB's	TCLP METALS	TCLP VOLATILES (MS/MSD)	REMARKS
1455-SOIL-1	F01 F02 F03	4/15/99	1620		X	X			2	X	X		PO # GEATC 4
1455-SOIL-2	F04		1625		X	X			1	X			
1455-SOIL-3	F05		1630		X	X			1	X			COPY FAX TO
1455-SOIL-4	F06		1635		X	X			1	X			J NICHOLSON (GE)
1455-SOIL-5	F07		1640		X	X			1	X			(413) 494-6707
1455-SOIL-6	F08, F09, F10		1645	X		X			2		X	X	
1455-DUP-1	F11		—		X	X			1	X			STANDARD TURNAROUND
TEMP BLANK 5°C			—	5°C	5°C	5°C	5°C	X	5°C	5°C	5°C	5°C	5°C

5°C

MS/MSD JAR PROVIDED

Sampled by: (Signature)	DATE	TIME	Received by: (Signature)	Relinquished by: (Signature)	DATE	TIME	Received by: (Signature)
Bruce W Kamine	4/15/99	1650					
Relinquished by: (Signature)	**DATE**	**TIME**	**Received by:** (Signature)	**Relinquished by:** (Signature)	**DATE**	**TIME**	**Received by:** (Signature)
Bruce W Kamine	4/15/99	1700					
Relinquished by: (Signature)	**DATE**	**TIME**	**Received for Laboratory by:** (Signature) ML	**DATE** 4/16/99	**TIME** 8:45 AM	**Remarks:** FedEx # 8079217 1750	

Attachment 3

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

6723 Towpath Road, P.O. Box 66
Syracuse, New York 13214-0066
TEL: (315) 446-9120

PLEASE SEND LAB REPORT TO
BRUCE EULIAN
Blasland, Bouck & Lee, Inc.
C/O GENERAL ELECTRIC CO
100 WOODLAWN AVE
PITTSFIELD, MA 01201

CHAIN OF CUSTODY RECORD

PROJECT NO.	PROJECT NAME
1541	

LAB ID	CUSTODY TAPE NUMBER	DATE	TIME	COMP.	GRAB	SAMPLE TYPE			Number of Containers							REMARKS
						SOLID	WIPE	WATER								
					X					X	X					
					X	X			1	X						
					X	X			1	X						
					X	X			1	X						
					/	X			1	X						
				X		/			2			X	X			
					X				1	X	DUP-1	TAKEN AT IHSS-SOIL-2				

Sampled by: *(Signature)*	**DATE**	**TIME**	**Received by:** *(Signature)*	**Relinquished by:** *(Signature)*		**DATE**	**TIME**	**Received by:** *(Signature)*
Relinquished by: *(Signature)*	**DATE**	**TIME**	**Received by:** *(Signature)*	**Relinquished by:** *(Signature)*		**DATE**	**TIME**	**Received by:** *(Signature)*
Relinquished by: *(Signature)*	**DATE**	**TIME**	**Received for Laboratory by:** *(Signature)*	**DATE**	**TIME**	**Remarks:**		

BBL
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engineers & scientists

REQUEST FOR SAMPLING

TO: Files
FROM: Bruce Eulian
RE: Phone Co. Repair Soil - Merrill Rd. Reconstruction
Drum Sampling Building 12 STS Annex.
(GE Drum #'s 45318, 45315, 45316. 45257, 45256, 45314, and 45317).

DATE: April 28, 1999
FILE NO.: 201.54.01

INITIATOR: Aimee Cole (GEC)

DATE: 3/31/99

LOCATION: Bldg 12-STS

CONTACT PERSON: Aimee Cole (GEC) **EXT:** 2534

ITEM DESCRIPTION:

1.) Soil

PURPOSE: To collect samples at G.E.'s request for disposal classification of the soil in GE Drum #'s 45318, 45315, 45316, 45257, 45256, 45314, and 45317. These GE Drum's originated from Phone Company Repair Soil at the Merrill Rd. Reconstruction area.

NOTES: See attached sample request letter from Aimee Cole (GEC) to Bruce Eulian (BBL) dated March 31, 1999

1.) One (1) composite sample for GE Drum #'s 45318, 45315, and 45316, is to be collected for PCB and TCLP analysis.

2.) One (1) composite sample for GE Drum #'s 45257, 45256, 45314, and 45317 is to be collected for PCBs and TCLP analysis.

3.) GE requests that the sample collected be analyzed by Adirondack Lab Services, Albany, NY. under PO # GEATC 04.

Bwk
-onl 28 1999
C :\WPWIN\finsum99\1913_phone co_drum cov wpd (c)

BBL
BLASLAND, BOUCK & LEE, INC
engineers & scientists

SAMPLING PROGRAM FIELD SUMMARY

TO: Files
FROM: Bruce Eulian
RE: Phone Co. Repair Soil - Merrill Rd. Reconstruction
Drum Sampling Building 12 STS Annex.
(GE Drum #'s 45318, 45315, 45316, 45257, 45256, 45314, and 45317).

DATE: April 28, 1999
FILE NO.: 201.54.01
cc: Bill Fessler (GE)

The following is a summary of the sampling program conducted 4/7/99 on the soil in GE Drum #'s 45318, 45315, 45316, 45257, 45256, 45314, and 45317, which were located in the Building12 Short Term Storage Annex. These GE Drums originated as Phone Company Repair Soil from the Merrill Rd. Reconstruction site.

At the request of Aimee Cole (GEC) the following sampling program was implemented:

- One (1) composite sample from GE Drum #'s 45318, 45315, and 45316, was collected for PCBs and TCLP analysis.
- One (1) composite sample from GE Drum #'s 45257, 45256, 45314, and 45317, was collected for PCBs and TCLP analysis.

Note:

The samples were collected using a clear lexan tube.

A summary table of the sampling program has been included (Table 1), along with a drawing showing the sampling site location (Figure 1). Analytical results provided by Adirondack Lab, Albany, NY. (Attachment 1) and a copy of the chain of custody that accompanied the sample (Attachment 2) have also been included.

BWK
April 28 1999
C:\WPWIN\insum99\1913_phone co_drum sum wpd (c)

BBL
BLASLAND, BOUCK & LEE, INC
engineers & scientists

Phone Company Repair Soil - Merrill Rd Reconstruction
Building 12 Short Term Storage(12-STS) Annex
Drum Sampling (GE Drum #'s 45318, 45315, 45316, 45257, 45256, 45314, and 45317)

(201.54.01)
Table 1

LAB ID	SAMPLE DATE	GE DRUM #	PCBs (ppm)	TCLP	SAMPLE MATERIAL	SAMPLE TYPE
12-STS-45318-1	4-07-99	45318 45315 45316	1 8	SEE LAB REPORT	SOIL	DISCRETE-GRAB FIELD COMPOSITE
12-STS-45257-1	4-07-99	45257 45256 45314 45317	2 4	SEE LAB REPORT	SOIL	DISCRETE-GRAB FIELD COMPOSITE

NOTE: SAMPLES WERE TAKEN USING CLEAR LEXAN TUBE

Bwk
April 28 1999

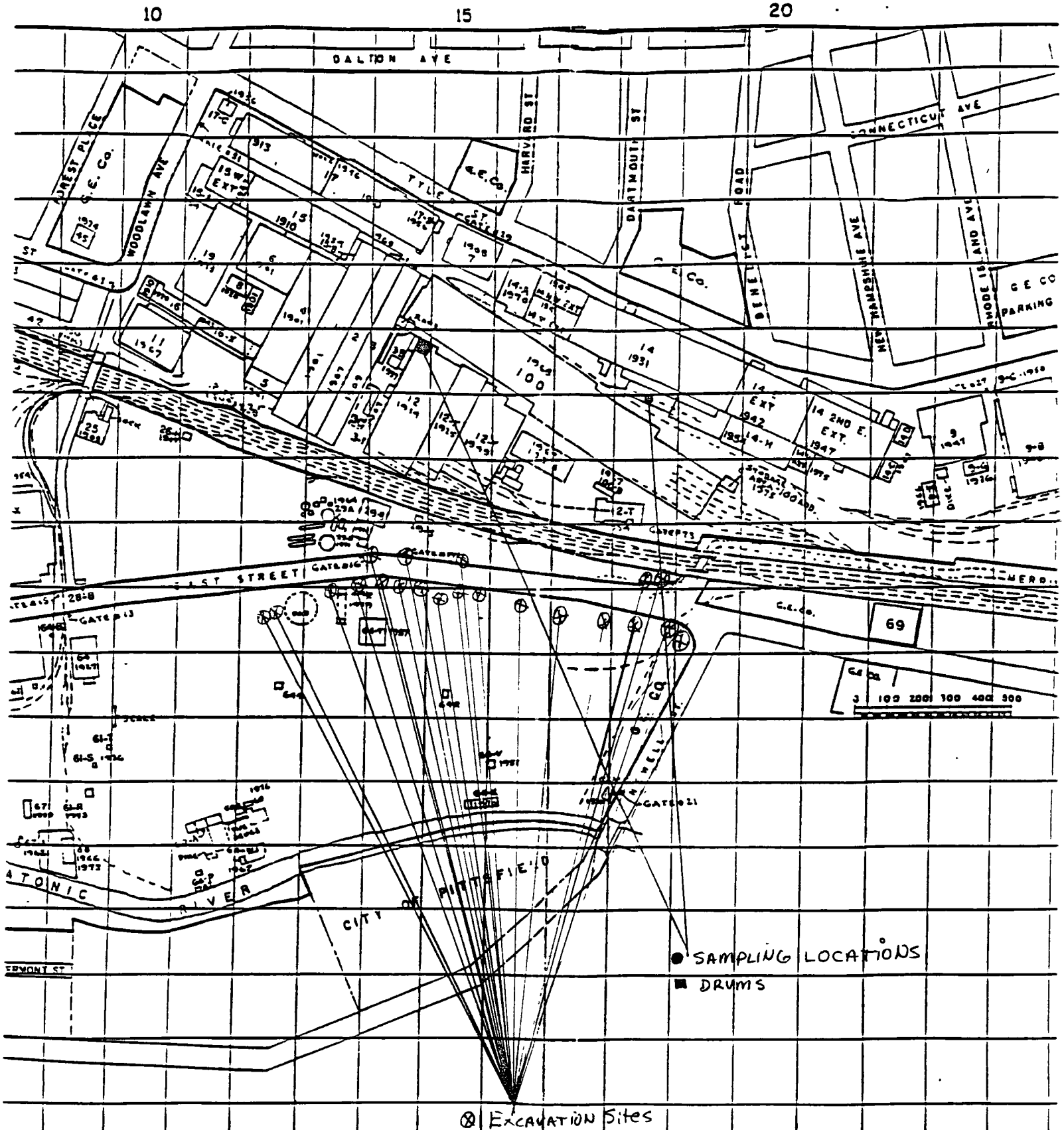
10
15
20
DALTON AVE
WOODLAWN AVE
DARTMOUTH ST
CONNECTICUT AVE
NEW HAMPSHIRE AVE
RHODE ISLAND AVE
EAST STREET
ATONIC RIVER
CITY OF PITTSFIELD
VERMONT ST
SAMPLING LOCATIONS
DRUMS
EXCAVATION Sites

FIGURE I

Attachment 1

SAMPLING REQUEST

DATE: MARCH 31, 1999

TO: B. Eulian - BBL

cc: J. Nicholson - GE

FROM: A. Cole - GEC

RE: PHONE CO. REPAIR SOIL - MERRILL RD. RECONSTRUCTION

Please take a composite sample from drums numbered 45318, 45315 and 45316 and another from 45257, 45256, 45314, and 45317 located in 12 STS annex for PCB and TCLP analysis.

BBL Project number: Merrill Rd. Reconstruction - General Soil
Turnaround Time: Standard
Lab & PO# : Adirondack - GEATC 04
Fax copy to: J. Nicholson
Final Copy to: A. Cole
Invoice to: A. Cole

Please provide a COC to Jeff Nicholson in the GE lab.

Adirondack Environmental Services, Inc.
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314 North Pearl Street • Albany, New York 12207 • 800-848-4983 • (518) 434-4546 • Fax (518) 434-0891

LABORATORY REPORT

for

General Electric Company
Mail Drop C23
100 Woodlawn Avenue
Pittsfield, MA 01201

A. Cole (Original) on C23
B. Eulen
Fitz

Purchase Order #: GEATC 04

Report date: 04/23/99
Number of samples analyzed: 5
AES Project ID: 990408 I
Invoice #: 198897

ELAP ID#: 10709

AIHA ID#: 7866

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CLIENT: General Electric Company
CLIENT'S SAMPLE ID: 12-STS-45318-1
AES sample #: 990408 I01 Samples taken by: A.M./B.K.
MATRIX: Soil

Date Sampled: 04/07/99
Date sample received: 04/08/99
Location: Merrill Rd.
composite

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
TCLP Extraction (ZHE)	EPA-1311	Complete		MG-BS-36	04/14/99
Benzene - TCLP Extract	EPA-8260	<85	ug/l	MG-BS-36	04/16/99
Carbon Tetrachloride-TCLP Ext.	EPA-8260	<85	ug/l	MG-BS-36	04/16/99
Chlorobenzene-TCLP Extract	EPA-8260	<85	ug/l	MG-BS-36	04/16/99
Chloroform-TCLP Extract	EPA-8260	<85	ug/l	MG-BS-36	04/16/99
1,2-Dichloroethane-TCLP Ext.	EPA-8260	<85	ug/l	MG-BS-36	04/16/99
1,1-Dichloroethene-TCLP Ext.	EPA-8260	<85	ug/l	MG-BS-36	04/16/99
Methyl Ethyl Ketone-TCLP Ext.	EPA-8260	<170	ug/l	MG-BS-36	04/16/99
Tetrachlorethylene-TCLP Ext.	EPA-8260	<85	ug/l	MG-BS-36	04/16/99
Trichloroethylene-TCLP Extract	EPA-8260	<85	ug/l	MG-BS-36	04/16/99
Vinyl Chloride-TCLP Extraction	EPA-8260	<170	ug/l	MG-BS-36	04/16/99
TCLP Extraction	EPA-1311	Complete		MT-BT-40	04/09/99
Nitrobenzene-TCLP Extract	EPA-8270	<100	ug/l	MT-BT-40	04/14/99
Pyridine-TCLP Extract	EPA-8270	<100	ug/l	MT-BT-40	04/14/99
Cresols (Total) TCLP Extract.	EPA-8270	<100	ug/l	MT-BT-40	04/14/99
1,4-Dichlorobenzene-TCLP Ext.	EPA-8270	<100	ug/l	MT-BT-40	04/14/99
2,4-Dinitrotoluene-TCLP Ext.	EPA-8270	<100	ug/l	MT-BT-40	04/14/99
Hexachlorobenzene-TCLP Extract	EPA-8270	<100	ug/l	MT-BT-40	04/14/99
Hexachlorobutadiene-TCLP Ext.	EPA-8270	<100	ug/l	MT-BT-40	04/14/99
Hexachloroethane-TCLP Extract	EPA-8270	<100	ug/l	MT-BT-40	04/14/99

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CLIENT: General Electric Company
CLIENT'S SAMPLE ID: 12-STS-45318-1
AES sample #: 990408 I01 Samples taken by: A.M./B.K.
MATRIX: Soil

Date Sampled: 04/07/99
Date sample received: 04/08/99
Location: Merrill Rd.
composite

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Pentachlorophenol-TCLP Extract	EPA-8270	<500	ug/l	MT-BT-40	04/14/99
2,4,5-Trichlorophenol-TCLP Ext	EPA-8270	<100	ug/l	MT-BT-40	04/14/99
2,4,6-Trichlorophenol-TCLP Ext	EPA-8270	<100	ug/l	MT-BT-40	04/14/99
Arsenic-TCLP Extraction	EPA-6010	<0.5	mg/l	SM-I-2E-22	04/13/99
Barium-TCLP Extraction	EPA-6010	0.34	mg/l	SM-I-2E-22	04/13/99
Cadmium-TCLP Extraction	EPA-6010	<0.01	mg/l	SM-I-2E-22	04/13/99
Chromium-TCLP Extraction	EPA-6010	<0.05	mg/l	SM-I-2E-22	04/13/99
Lead-TCLP Extraction	EPA-6010	<0.5	mg/l	SM-I-2E-22	04/13/99
Mercury-TCLP Extraction	EPA-7470	<0.02	mg/l	KH-PSN-10	04/12/99
Selenium-TCLP Extraction	EPA-6010	<0.1	mg/l	SM-I-2E-22	04/13/99
Silver-TCLP Extraction	EPA-6010	<0.02	mg/l	SM-I-2E-22	04/13/99
PCB-1016	EPA-8082	<1.2	ug/g Dry	KF-PCBAB36	04/08/99
PCB-1221	EPA-8082	<1.2	ug/g Dry	KF-PCBAB36	04/08/99
PCB-1232	EPA-8082	<1.2	ug/g Dry	KF-PCBAB36	04/08/99
PCB-1242	EPA-8082	<1.2	ug/g Dry	KF-PCBAB36	04/08/99
PCB-1248	EPA-8082	<1.2	ug/g Dry	KF-PCBAB36	04/08/99
PCB-1254	EPA-8082	<1.2	ug/g Dry	KF-PCBAB36	04/08/99
PCB-1260	EPA-8082	1.8	ug/g Dry	KF-PCBAB36	04/08/99

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CLIENT: General Electric Company
CLIENT'S SAMPLE ID: 12-STS-45318-1 MS
AES sample #: 990408 I02
Samples taken by: A.M./B.K.
MATRIX: Soil
Date Sampled: 04/07/99
Date sample received: 04/08/99
Location: Merrill Rd. composite

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
1,1-Dichloroethene	EPA-8260	130	%	MG-BS-36	04/16/99
Trichloroethene	EPA-8260	96	%	MG-BS-36	04/16/99
Chlorobenzene	EPA-8260	86	%	MG-BS-36	04/16/99
Toluene	EPA-8260	81	%	MG-BS-36	04/16/99
Benzene	EPA-8260	98	%	MG-BS-36	04/16/99
1,2,4 Trichlorobenzene	EPA-8270	39	%	MT-BT-40	04/14/99
Acenaphthene	EPA-8270	49	%	MT-BT-40	04/14/99
2,4-Dinitrotoluene	EPA-8270	62	%	MT-BT-40	04/14/99
Di-n-butyl phthalate	EPA-8270	84	%	MT-BT-40	04/14/99
Pyrene	EPA-8270	64	%	MT-BT-40	04/14/99
N-Nitroso-di-n-propylamine	EPA-8270	62	%	MT-BT-40	04/14/99
1,4-Dichlorobenzene	EPA-8270	40	%	MT-BT-40	04/14/99
Pentachlorophenol	EPA-8270	56	%	MT-BT-40	04/14/99
Phenol	EPA-8270	21	%	MT-BT-40	04/14/99
2-Chlorophenol	EPA-8270	45	%	MT-BT-40	04/14/99
4-Chloro-3-methylphenol	EPA-8270	45	%	MT-BT-40	04/14/99
4-Nitrophenol	EPA-8270	31	%	MT-BT-40	04/14/99
Arsenic	EPA-6010	86	%	SM-I-2E-22	04/13/99
Barium	EPA-6010	119	%	SM-I-2E-22	04/13/99
Cadmium	EPA-6010	107	%	SM-I-2E-22	04/13/99

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NT: General Electric Company
NT'S SAMPLE ID: 12-STS-45318-1 MSD
sample #: 990408 I03 Samples taken by: A.M./B.K.
MATRIX: Soil

Date Sampled: 04/07/99
Date sample received: 04/08/99
Location: Merrill Rd.
composite

METER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Dichloroethene	EPA-8260	3.8	%	MG-BS-36	04/16/99
nloroethene	EPA-8260	4.1	%	MG-BS-36	04/16/99
robenzene	EPA-8260	12	%	MG-BS-36	04/16/99
ene	EPA-8260	12	%	MG-BS-36	04/16/99
ene	EPA-8260	13	%	MG-BS-36	04/16/99
Trichlorobenzene	EPA-8270	5.3	%	MT-BT-40	04/14/99
phthene	EPA-8270	8.5	%	MT-BT-40	04/14/99
Dinitrotoluene	EPA-8270	3.2	%	MT-BT-40	04/14/99
-butyl phthalate	EPA-8270	6.1	%	MT-BT-40	04/14/99
e	EPA-8270	6.5	%	MT-BT-40	04/14/99
roso-di-n-propylamine	EPA-8270	16	%	MT-BT-40	04/14/99
ichlorobenzene	EPA-8270	5.1	%	MT-BT-40	04/14/99
chlorophenol	EPA-8270	7.4	%	MT-BT-40	04/14/99
l	EPA-8270	15	%	MT-BT-40	04/14/99
orophenol	EPA-8270	14	%	MT-BT-40	04/14/99
oro-3-methylphenol	EPA-8270	34	%	MT-BT-40	04/14/99
rophenol	EPA-8270	6.7	%	MT-BT-40	04/14/99
ic	EPA-6010	ND	%	SM-I-2E-22	04/13/99
m	EPA-6010	8.5	%	SM-I-2E-22	04/13/99
um	EPA-6010	ND	%	SM-I-2E-22	04/13/99

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CLIENT: General Electric Company
CLIENT'S SAMPLE ID: 12-STS-DUP-1
AES sample #: 990408 I05 Samples taken by: A.M./B.K. Location: Merrill Rd.
MATRIX: Soil composite
Date Sampled: 04/07/99
Date sample received: 04/08/99

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
TCLP Extraction (ZHE)	EPA-1311	Complete		MG-BS-36	04/14/99
Benzene - TCLP Extract	EPA-8260	<85	ug/l	MG-BS-36	04/16/99
Carbon Tetrachloride-TCLP Ext.	EPA-8260	<85	ug/l	MG-BS-36	04/16/99
Chlorobenzene-TCLP Extract	EPA-8260	<85	ug/l	MG-BS-36	04/16/99
Chloroform-TCLP Extract	EPA-8260	<85	ug/l	MG-BS-36	04/16/99
1,2-Dichloroethane-TCLP Ext.	EPA-8260	<85	ug/l	MG-BS-36	04/16/99
1,1-Dichloroethene-TCLP Ext.	EPA-8260	<85	ug/l	MG-BS-36	04/16/99
Methyl Ethyl Ketone-TCLP Ext.	EPA-8260	<170	ug/l	MG-BS-36	04/16/99
Tetrachlorethylene-TCLP Ext.	EPA-8260	<85	ug/l	MG-BS-36	04/16/99
Trichloroethylene-TCLP Extract	EPA-8260	<85	ug/l	MG-BS-36	04/16/99
Vinyl Chloride-TCLP Extraction	EPA-8260	<170	ug/l	MG-BS-36	04/16/99
TCLP Extraction	EPA-1311	Complete		MT-BT-40	04/09/99
Nitrobenzene-TCLP Extract	EPA-8270	<100	ug/l	MT-BT-40	04/14/99
Pyridine-TCLP Extract	EPA-8270	<100	ug/l	MT-BT-40	04/14/99
Cresols (Total) TCLP Extract.	EPA-8270	<100	ug/l	MT-BT-40	04/14/99
1,4-Dichlorobenzene-TCLP Ext.	EPA-8270	<100	ug/l	MT-BT-40	04/14/99
2,4-Dinitrotoluene-TCLP Ext.	EPA-8270	<100	ug/l	MT-BT-40	04/14/99
Hexachlorobenzene-TCLP Extract	EPA-8270	<100	ug/l	MT-BT-40	04/14/99
Hexachlorobutadiene-TCLP Ext.	EPA-8270	<100	ug/l	MT-BT-40	04/14/99
Hexachloroethane-TCLP Extract	EPA-8270	<100	ug/l	MT-BT-40	04/14/99

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CLIENT: General Electric Company
CLIENT'S SAMPLE ID: 12-STS-DUP-1
AES sample #: 990408 I05 Samples taken by: A.M./B.K. Location: Merrill Rd.
MATRIX: Soil composite
Date Sampled: 04/07/99
Date sample received: 04/08/99

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Pentachlorophenol-TCLP Extract	EPA-8270	<500	ug/l	MT-BT-40	04/14/99
2,4,5-Trichlorophenol-TCLP Ext	EPA-8270	<100	ug/l	MT-BT-40	04/14/99
2,4,6-Trichlorophenol-TCLP Ext	EPA-8270	<100	ug/l	MT-BT-40	04/14/99
Arsenic-TCLP Extraction	EPA-6010	<0.5	mg/l	SM-I-2E-22	04/13/99
Barium-TCLP Extraction	EPA-6010	0.33	mg/l	SM-I-2E-22	04/13/99
Cadmium-TCLP Extraction	EPA-6010	<0.01	mg/l	SM-I-2E-22	04/13/99
Chromium-TCLP Extraction	EPA-6010	<0.05	mg/l	SM-I-2E-22	04/13/99
Lead-TCLP Extraction	EPA-6010	<0.5	mg/l	SM-I-2E-22	04/13/99
Mercury-TCLP Extraction	EPA-7470	<0.02	mg/l	KH-PSN-10	04/12/99
Selenium-TCLP Extraction	EPA-6010	<0.1	mg/l	SM-I-2E-22	04/13/99
Silver-TCLP Extraction	EPA-6010	<0.02	mg/l	SM-I-2E-22	04/13/99
PCB-1016	EPA-8082	<1.1	ug/g Dry	KF-PCBAB36	04/08/99
PCB-1221	EPA-8082	<1.1	ug/g Dry	KF-PCBAB36	04/08/99
PCB-1232	EPA-8082	<1.1	ug/g Dry	KF-PCBAB36	04/08/99
PCB-1242	EPA-8082	<1.1	ug/g Dry	KF-PCBAB36	04/08/99
PCB-1248	EPA-8082	<1.1	ug/g Dry	KF-PCBAB36	04/08/99
PCB-1254	EPA-8082	<1.1	ug/g Dry	KF-PCBAB36	04/08/99
PCB-1260	EPA-8082	2.9	ug/g Dry	KF-PCBAB36	04/08/99

APPROVED BY:
Report date: 04/23/99

Adirondack Environmental Services Inc.
314 North Pearl Street
Albany, New York 12207
518-434-4546/434-0891 FAX

A full service analytical research laboratory offering solutions to environmental concerns

CHAIN OF CUSTODY RECORD

CLIENT NAME	PROJECT NAME (Location)	SAMPLERS (Names)
BLASLAND BOUCK + LEE	Phone Co. Repair Merritt Rd. Reconstruction Soil Sampling	Alex Marconi, Brett Kamienski
ADDRESS	**PO NUMBER**	**SAMPLERS (Signature)**
100 WOODLAWN AVE	GEATC 04	Alexander S Marconi / [signature]

AES SAMPLE NUMBER	CLIENT SAMPLE IDENTIFICATION & LOCATION	DATE SAMPLED	TIME A=a.m. P=p.m.		MATRIX	COMP	GRAB	NUMBER OF CONT'S	ANALYSIS REQUIRED
990408 I01	12-STS-45318-1	4/7/99	1430	P	SOIL	X		4	TCLP / PCBS
(I02 MS)(I03 MSD)									Extra Soil For MS/MSD
I04	12-STS-45257-1	4/7/99	1436	P	SOIL	X		2	TCLP / PCBS
I05	12-STS-DUP-1	4/7/99	–		SOIL	X		1	TCLP / PCBS
5°C	TEMP BLANK	5°C			5°C			5°C	5°C

Turnaround Time: STANDARD TURNAROUND TIME PLEASE

Laboratory Approval:

Relinquished by: (Signature)	Received by: (Signature)	Date/Time
Alexander S. Marconi		

Dispatched by: (Signature)	Date/Time	Received for Laboratory by:	Date/Time
		M. [signature]	4/8/99 840

Method of Shipment: ~~Delivered By B.B.L. Rep~~ SENT TO Adirondack via FED EX # 809219532057

~~Send~~ **Report To:** Jeff Nicholson (GE) @ 413-494-6707

Client Phone No.: 413-494-4317

The Laboratory reserves the right to return hazardous samples to the client or may levy an appropriate fee per container for disposal.

WHITE - Lab Copy YELLOW - Sampler Copy PINK - Generator Copy

Adirondack Environmental Services, Inc.

Attachment 2

Adirondack Environmental Services
314 North Pearl Street
Albany, New York 12207
518-434-4546/434-0891 FAX

1 of 1

A full service analytical research laboratory offering solutions to environmental concerns

CHAIN OF CUSTODY RECORD

CLIENT NAME	PROJECT NAME (Location)	SAMPLERS: (Names)
[illegible] BUCK + LEE	Prime Co. Repair Merrill Rd. Rec. Station Soil Sampling	Alex Marcoli Brett Kamienski
ADDRESS	**PO NUMBER**	**SAMPLERS: (Signature)**
[illegible] WOLF AVE	GEATC 04	[illegible]

AES SAMPLE NUMBER	CLIENT SAMPLE IDENTIFICATION & LOCATION	DATE SAMPLED	TIME A=a.m. P=p.m.		SAMPLE TYPE MATRIX	COMP	GRAB	NUMBER OF CONT'S	ANALYSIS REQUIRED
	12-STC-SB1B-1	4/7/99	1430	A X P	SOIL	X		4	TCLP/PCBS
				A P					Extra Soil for MS/MSD
	12-STC-SB2-1	4/7/99	1430	A X P	SOIL	X		2	TCLP/PCBS
	12-STC-DUP-1	4/7/99	—	A P	SOIL	X		1	TCLP/PCBS
	TEMP BLANK			A P					
				A P					
				A P					
				A P					
				A P					
				A P					
				A P					
				A P					
				A P					
				A P					

Turnaround Time: STANDARD TURNAROUND TIME PLEASE

Laboratory Approval:

Relinquished by: (Signature)	Received by: (Signature)	Date/Time
[illegible]		
Relinquished by: (Signature)	**Received by:** (Signature)	**Date/Time**
Relinquished by: (Signature)	**Received by:** (Signature)	**Date/Time**
Dispatched by: (Signature)	**Date/Time**	**Received for Laboratory by:** / **Date/Time**
Method of Shipment: [illegible]	**Send Report To:** Jeff N. Cohen (SE)	**Client Phone No.:** 413-494-4317

The Laboratory reserves the right to return hazardous samples to the client or may levy an appropriate fee per container for disposal.

WHITE - Lab Copy YELLOW - Sampler Copy PINK - Generator Copy

64 GATE MATERIAL from

Adirondack Environmental Services, Inc.

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LABORATORY REPORT

for

Blasland, Bouck & Lee, Inc.
Attn: Bruce E. Eulian
100 Woodlawn Avenue
Pittsfield, MA 01201

Attention: Bruce E. Eulian

Job# 201.94.25
Purchase Order #: A899040192

Report date: 07/27/99
Number of samples analyzed: 4
AES Project ID: 990710 A
Invoice #: 202206

CC: A.Cole GE

ELAP ID#: 10709

AIHA ID#: 7866

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CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 07/09/99
CLIENT'S SAMPLE ID: 64-Gate-1 Date sample received: 07/10/99
AES sample #: 990710 A01 Samples taken by: R.Sanders Location: Bld64 Gate Inst
MATRIX: Soil grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
PCB-1016	EPA-8082	<10	ug/g Dry	KF-PCBAC26	07/12/99
PCB-1221	EPA-8082	<10	ug/g Dry	KF-PCBAC26	07/12/99
PCB-1232	EPA-8082	<10	ug/g Dry	KF-PCBAC26	07/12/99
PCB-1242	EPA-8082	<10	ug/g Dry	KF-PCBAC26	07/12/99
PCB-1248	EPA-8082	<10	ug/g Dry	KF-PCBAC26	07/12/99
PCB-1254	EPA-8082	<10	ug/g Dry	KF-PCBAC26	07/12/99
PCB-1260	EPA-8082	130	ug/g Dry	KF-PCBAC26	07/12/99

Albany, NY • Saratoga Springs, NY • New Haven, CT

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CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 07/09/99
CLIENT'S SAMPLE ID: 64-Gate-2 Date sample received: 07/10/99
AES sample #: 990710 A02 Samples taken by: R.Sanders Location: Bld64 Gate Inst
MATRIX: Soil grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
PCB-1016	EPA-8082	<10	ug/g Dry	KF-PCBAC26	07/12/99
PCB-1221	EPA-8082	<10	ug/g Dry	KF-PCBAC26	07/12/99
PCB-1232	EPA-8082	<10	ug/g Dry	KF-PCBAC26	07/12/99
PCB-1242	EPA-8082	<10	ug/g Dry	KF-PCBAC26	07/12/99
PCB-1248	EPA-8082	<10	ug/g Dry	KF-PCBAC26	07/12/99
PCB-1254	EPA-8082	<10	ug/g Dry	KF-PCBAC26	07/12/99
PCB-1260	EPA-8082	86	ug/g Dry	KF-PCBAC26	07/12/99

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CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 07/09/99
CLIENT'S SAMPLE ID: S4-Gate-3 Date sample received: 07/10/99
AES sample #: 990710 A03 Samples taken by: R.Sanders Location: Bld64 Gate Inst
MATRIX: Soil grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
PCB-1016	EPA-8082	<1	ug/g Dry	KF-PCBAC26	07/12/99
PCB-1221	EPA-8082	<1	ug/g Dry	KF-PCBAC26	07/12/99
PCB-1232	EPA-8082	<1	ug/g Dry	KF-PCBAC26	07/12/99
PCB-1242	EPA-8082	<1	ug/g Dry	KF-PCBAC26	07/12/99
PCB-1248	EPA-8082	<1	ug/g Dry	KF-PCBAC26	07/12/99
PCB-1254	EPA-8082	<1	ug/g Dry	KF-PCBAC26	07/12/99
PCB-1260	EPA-8082	5.6	ug/g Dry	KF-PCBAC26	07/12/99

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CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 07/09/99
CLIENT'S SAMPLE ID: 64-Gate-4 Date sample received: 07/10/99
AES sample #: 990710 A04 Samples taken by: R.Sanders Location: Bld64 Gate Inst
MATRIX: Solid Sample composite

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Cyanide,Total	EPA-9012	<0.5	ug/g	FL-D	07/15/99
Arsenic	EPA-6010	<2.5	ug/g	CG-I-1N-90	07/13/99
Barium	EPA-6010	71	ug/g	CG-I-1N-90	07/13/99
Cadmium	EPA-6010	2.20	ug/g	CG-I-1N-90	07/13/99
Chromium	EPA-6010	17.9	ug/g	CG-I-1N-90	07/13/99
Lead	EPA-6010	140	ug/g	CG-I-1N-90	07/13/99
Mercury	EPA-7471	0.21	ug/g	KH-PSN-72	07/12/99
Selenium	EPA-6010	<2.5	ug/g	CG-I-1N-90	07/13/99
Silver	EPA-6010	<1	ug/g	CG-I-1N-90	07/13/99
Chloromethane	EPA-8260	<10	ug/kg	MG-BT-22	07/20/99
Bromomethane	EPA-8260	<10	ug/kg	MG-BT-22	07/20/99
Vinyl Chloride	EPA-8260	<10	ug/kg	MG-BT-22	07/20/99
Chloroethane	EPA-8260	<10	ug/kg	MG-BT-22	07/20/99
Methylene Chloride	EPA-8260	<5	ug/kg	MG-BT-22	07/20/99
Trichlorofluoromethane	EPA-8260	<5	ug/kg	MG-BT-22	07/20/99
1,1-Dichloroethene	EPA-8260	<5	ug/kg	MG-BT-22	07/20/99
1,1-Dichloroethane	EPA-8260	<5	ug/kg	MG-BT-22	07/20/99
1,2-Dichloroethene Total	EPA-8260	<5	ug/kg	MG-BT-22	07/20/99
Chloroform	EPA-8260	<5	ug/kg	MG-BT-22	07/20/99
1,2-Dichloroethane	EPA-8260	<5	ug/kg	MG-BT-22	07/20/99

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CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 07/09/99
CLIENT'S SAMPLE ID: 64-Gate-4 Date sample received: 07/10/99
AES sample #: 990710 A04 Samples taken by: R.Sanders Location: Bld64 Gate Inst
MATRIX: Solid Sample composite

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
1,1,1-Trichloroethane	EPA-8260	<5	ug/kg	MG-BT-22	07/20/99
Carbon Tetrachloride	EPA-8260	<5	ug/kg	MG-BT-22	07/20/99
Bromo dichloromethane	EPA-8260	<5	ug/kg	MG-BT-22	07/20/99
1,2 Dichloropropane	EPA-8260	<5	ug/kg	MG-BT-22	07/20/99
trans-1,3-Dichloropropene	EPA-8260	<5	ug/kg	MG-BT-22	07/20/99
Trichloroethene	EPA-8260	<5	ug/kg	MG-BT-22	07/20/99
Benzene	EPA-8260	<5	ug/kg	MG-BT-22	07/20/99
Dibromochloromethane	EPA-8260	<5	ug/kg	MG-BT-22	07/20/99
1,1,2-Trichloroethane	EPA-8260	<5	ug/kg	MG-BT-22	07/20/99
cis-1,3-Dichloropropene	EPA-8260	<5	ug/kg	MG-BT-22	07/20/99
2-Chloroethylvinylether	EPA-8260	<10	ug/kg	MG-BT-22	07/20/99
Bromoform	EPA-8260	<5	ug/kg	MG-BT-22	07/20/99
1,1,2,2-Tetrachloroethane	EPA-8260	<5	ug/kg	MG-BT-22	07/20/99
Tetrachloroethene	EPA-8260	<5	ug/kg	MG-BT-22	07/20/99
Toluene	EPA-8260	<5	ug/kg	MG-BT-22	07/20/99
Chlorobenzene	EPA-8260	<5	ug/kg	MG-BT-22	07/20/99
Ethylbenzene	EPA-8260	<5	ug/kg	MG-BT-22	07/20/99
Xylenes,Total	EPA-8260	<5	ug/kg	MG-BT-22	07/20/99
Acenaphthene	EPA-8270	<330	ug/kg	MT-BU-31	07/16/99
Acenaphthylene	EPA-8270	<330	ug/kg	MT-BU-31	07/16/99

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CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 07/09/99
CLIENT'S SAMPLE ID: 64-Gate-4 Date sample received: 07/10/99
AES sample #: 990710 A04 Samples taken by: R.Sanders Location: Bld64 Gate Inst
MATRIX: Solid Sample composite

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Anthracene	EPA-8270	<330	ug/kg	MT-BU-31	07/16/99
Benzo(a)anthracene	EPA-8270	470	ug/kg	MT-BU-31	07/16/99
Benzo(b)fluoranthene	EPA-8270	570	ug/kg	MT-BU-31	07/16/99
Benzo(k)fluoranthene	EPA-8270	330	ug/kg	MT-BU-31	07/16/99
Benzo(g,h,i)perylene	EPA-8270	<330	ug/kg	MT-BU-31	07/16/99
Benzo(a)pyrene	EPA-8270	500	ug/kg	MT-BU-31	07/16/99
Benzidine	EPA-8270	<2600	ug/kg	MT-BU-31	07/16/99
Butylbenzylphthalate	EPA-8270	<330	ug/kg	MT-BU-31	07/16/99
Bis(2-Chloroethoxy)methane	EPA-8270	<330	ug/kg	MT-BU-31	07/16/99
Bis(2-Chloroethyl)ether	EPA-8270	<330	ug/kg	MT-BU-31	07/16/99
Bis(2-Chloroisopropyl)ether	EPA-8270	<330	ug/kg	MT-BU-31	07/16/99
Bis(2-Ethylhexyl)phthalate	EPA-8270	<330	ug/kg	MT-BU-31	07/16/99
Bromophenylphenyl ether	EPA-8270	<330	ug/kg	MT-BU-31	07/16/99
2-Chloronaphthalene	EPA-8270	<330	ug/kg	MT-BU-31	07/16/99
Chlorophenylphenyl ether	EPA-8270	<330	ug/kg	MT-BU-31	07/16/99
Chrysene	EPA-8270	630	ug/kg	MT-BU-31	07/16/99
Dibenzo(a,h)anthracene	EPA-8270	<330	ug/kg	MT-BU-31	07/16/99
Di-n-butylphthalate	EPA-8270	<330	ug/kg	MT-BU-31	07/16/99
1,2-Dichlorobenzene	EPA-8270	<330	ug/kg	MT-BU-31	07/16/99
1,3-Dichlorobenzene	EPA-8270	<330	ug/kg	MT-BU-31	07/16/99

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CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 07/09/99
CLIENT'S SAMPLE ID: 64-Gate-4 Date sample received: 07/10/99
AES sample #: 990710 A04 Samples taken by: R.Sanders Location: Bld64 Gate Inst
MATRIX: Solid Sample composite

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
1,4-Dichlorobenzene	EPA-8270	<330	ug/kg	MT-BU-31	07/16/99
3,3'-Dichlorobenzidine	EPA-8270	<660	ug/kg	MT-BU-31	07/16/99
Diethylphthalate	EPA-8270	<330	ug/kg	MT-BU-31	07/16/99
Dimethylphthalate	EPA-8270	<330	ug/kg	MT-BU-31	07/16/99
2,4-Dinitrotoluene	EPA-8270	<330	ug/kg	MT-BU-31	07/16/99
2,6-Dinitrotoluene	EPA-8270	<330	ug/kg	MT-BU-31	07/16/99
Di-n-octylphthalate	EPA-8270	<330	ug/kg	MT-BU-31	07/16/99
Fluoranthene	EPA-8270	1000	ug/kg	MT-BU-31	07/16/99
Fluorene	EPA-8270	<330	ug/kg	MT-BU-31	07/16/99
Hexachlorobenzene	EPA-8270	<330	ug/kg	MT-BU-31	07/16/99
Hexachlorobutadiene	EPA-8270	<330	ug/kg	MT-BU-31	07/16/99
Hexachlorocyclopentadiene	EPA-8270	<330	ug/kg	MT-BU-31	07/16/99
Hexachloroethane	EPA-8270	<330	ug/kg	MT-BU-31	07/16/99
Indeno(1,2,3-cd)pyrene	EPA-8270	<330	ug/kg	MT-BU-31	07/16/99
Isophorone	EPA-8270	<330	ug/kg	MT-BU-31	07/16/99
Naphthalene	EPA-8270	<330	ug/kg	MT-BU-31	07/16/99
Nitrobenzene	EPA-8270	<330	ug/kg	MT-BU-31	07/16/99
N-Nitroso-di-n-propylamine	EPA-8270	<330	ug/kg	MT-BU-31	07/16/99
N-Nitrosodiphenylamine	EPA-8270	<330	ug/kg	MT-BU-31	07/16/99
N-Nitrosodimethylamine	EPA-8270	<330	ug/kg	MT-BU-31	07/16/99

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CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 07/09/99
CLIENT'S SAMPLE ID: 64-Gate-4 Date sample received: 07/10/99
AES sample #: 990710 A04 Samples taken by: R.Sanders Location: Bld64 Gate Inst
MATRIX: Solid Sample composite

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
1,2 Diphenylhydrazine	EPA-8270	<330	ug/kg	MT-BU-31	07/16/99
Phenanthrene	EPA-8270	530	ug/kg	MT-BU-31	07/16/99
Pyrene	EPA-8270	1100	ug/kg	MT-BU-31	07/16/99
1,2,4-Trichlorobenzene	EPA-8270	<330	ug/kg	MT-BU-31	07/16/99
4-Chloro-3-methylphenol	EPA-8270	<330	ug/kg	MT-BU-31	07/16/99
2-Chlorophenol	EPA-8270	<330	ug/kg	MT-BU-31	07/16/99
2,4-Dichlorophenol	EPA-8270	<330	ug/kg	MT-BU-31	07/16/99
2,4-Dimethylphenol	EPA-8270	<330	ug/kg	MT-BU-31	07/16/99
2,4-Dinitrophenol	EPA-8270	<1600	ug/kg	MT-BU-31	07/16/99
4,6-Dinitro-2-Methylphenol	EPA-8270	<1600	ug/kg	MT-BU-31	07/16/99
4-Nitrophenol	EPA-8270	<1600	ug/kg	MT-BU-31	07/16/99
2-Nitrophenol	EPA-8270	<330	ug/kg	MT-BU-31	07/16/99
Pentachlorophenol	EPA-8270	<1600	ug/kg	MT-BU-31	07/16/99
Phenol	EPA-8270	<330	ug/kg	MT-BU-31	07/16/99
2,4,6-Trichlorophenol	EPA-8270	<330	ug/kg	MT-BU-31	07/16/99
2-Methylnaphthalene	EPA-8270	<330	ug/kg	MT-BU-31	07/16/99
Phenol	EPA-8040	<10	ug/g	TN-MIS-F23	07/14/99

APPROVED BY: _____
Report date: 07/27/99

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

REQUEST FOR SAMPLING

TO: Files
FROM: Bruce Eulian
RE: GE Plastics - PPDC Islands Sampling

DATE: September 24, 1998
FILE NO.: 201.19.13

INITIATOR: Rudy Gagliardi (GE Plastics)

DATE: 8/10/98

LOCATION: East of Building 100 (GE Plastics)

CONTACT PERSON: Aimee Cole (GEC) **EXT:** 2534

EM DESCRIPTION:

1.) Soil

PURPOSE: To collect samples for GE to determine the proper disposal method of the material that will be excavated during the reshaping of landscaped islands located east of Bldg 100 (PPDC).

NOTES:

1.) Discrete samples need to be collected, for PCB analysis, at a rate of 1 sample for every 500 ft² of area and 1 sample for every 2' of depth, inaccordance with the *Protocols for the Management of Excavation Activities.*

2.) Photoionization (PID) readings need to be obtained on the samples collected. If any PID readings are greater than or equal to 10, a composite sample from that location is to be analyzed for VOCs and 1,2,4 Trichlorobenzene.

3.) GE requests that the samples collected be shipped to OB&G Laboratories, Inc. - Syracuse, NY.

jfh
September 24 1998
C:\WPWIN\insum98\1913_ppdc_islands cov wpd

SAMPLING REQUEST

DATE: AUGUST 10, 1998

TO: B. Eulian - BBL **cc:** J. Bujak - Infomotion (e-mail)

FROM: A. Cole - GEC

RE: PLASTICS PPDC ISLANDS

Plastics will be doing a major excavation to reshape the landscaping islands east of bldg. 100. This will involve the movement of approx. 30 yds of material. Please sample the existing landscaped mounds as shown on the accompanying drawing. Check with Rudy Gagliardi for the exact locations. Samples should be taken for PCB and PID at the frequency of 1 every 500 square feet of area and 1 per each 2 feet of depth, in accordance with the *Protocols for the Management of Excavation Activities.*

The samples may be sent to OBG in Syracuse Check with Rudy for turn-around time. This sampling and analysis should be billed to 201.19 12 or .13. - Plastics

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

SAMPLING PROGRAM FIELD SUMMARY

TO: Files
FROM: Bruce Eulian
RE: GE Plastics - PPDC Islands Sampling

DATE: September 24, 1998
FILE NO.: 201.19.13
cc: Bill Fessler (GE)
Rudy Gagliardi (GE Plastics)

The following is a summary of the sampling program conducted 8/26/98 on the material that will be excavated during the reshaping of landscaped islands located east of Bldg 100 (PPDC).

At the request of Rudy Gagliardi (GE Platics) the following sampling program was implemented:

- Three (3) locations were sampled at a depth of (0 - 2') and analyzed for PCBs.

Notes:

PID readings were obtained from each of these samples and all were <10.

The samples were collected using a 2" x 2' Geoprobe® macro-core with dedicated disposable polyethylene liners and a 40 lb slide hammer.

A summary table of the sampling program has been included (Table 1) along with a drawing showing the site location (Figure 1) and sample locations (Figure 2). Analytical results provided by OB&G Laboratory - Syracuse, NY (Attachment 1), a PID calibration form (Attachment 2), a PID headspace screening results sheet (Attachment 3) and a copy of the chain of custody that accompanied the samples (Attachment 4) have also been included.

jh
September 24 1998
C:\WPWIN\insum98\1913_ppdc_islands sum wpd

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GE Plastics - PPDC Islands Sampling

(201.19.13)

Table 1

[illegible]	SAMPLE DATE	PCBs ppm	SAMPLE MATERIAL	SAMPLE TYPE	SAMPLE DEPTH	SEE FIGURE
PPDC-1	8/26/98	3.0	IN-SITU SOIL	DISCRETE-GRAB	0 - 2'	2
PPDC-2	8/26/98	1.7	IN-SITU SOIL	DISCRETE-GRAB	0 - 2'	2
PPDC-3	8/26/98	0.85	IN-SITU SOIL	DISCRETE-GRAB	0 - 2'	2

NOTES:

PID READINGS WERE OBTAINED FROM EACH OF THE SAMPLES AND ALL WERE <10.

THE SAMPLES WERE COLLECTED USING A 2" x 2' GEOPROBE® MACRO-CORE WITH DEDICATED DISPOSABLE POLYETHYLENE LINERS AND A 40 LB SLIDE HAMMER.

BLASLAND, BOUCK & LEE
ENGINEERS & GEOSCIENTISTS

SUBJECT: Building 100 PPDC Islands Sampling Program

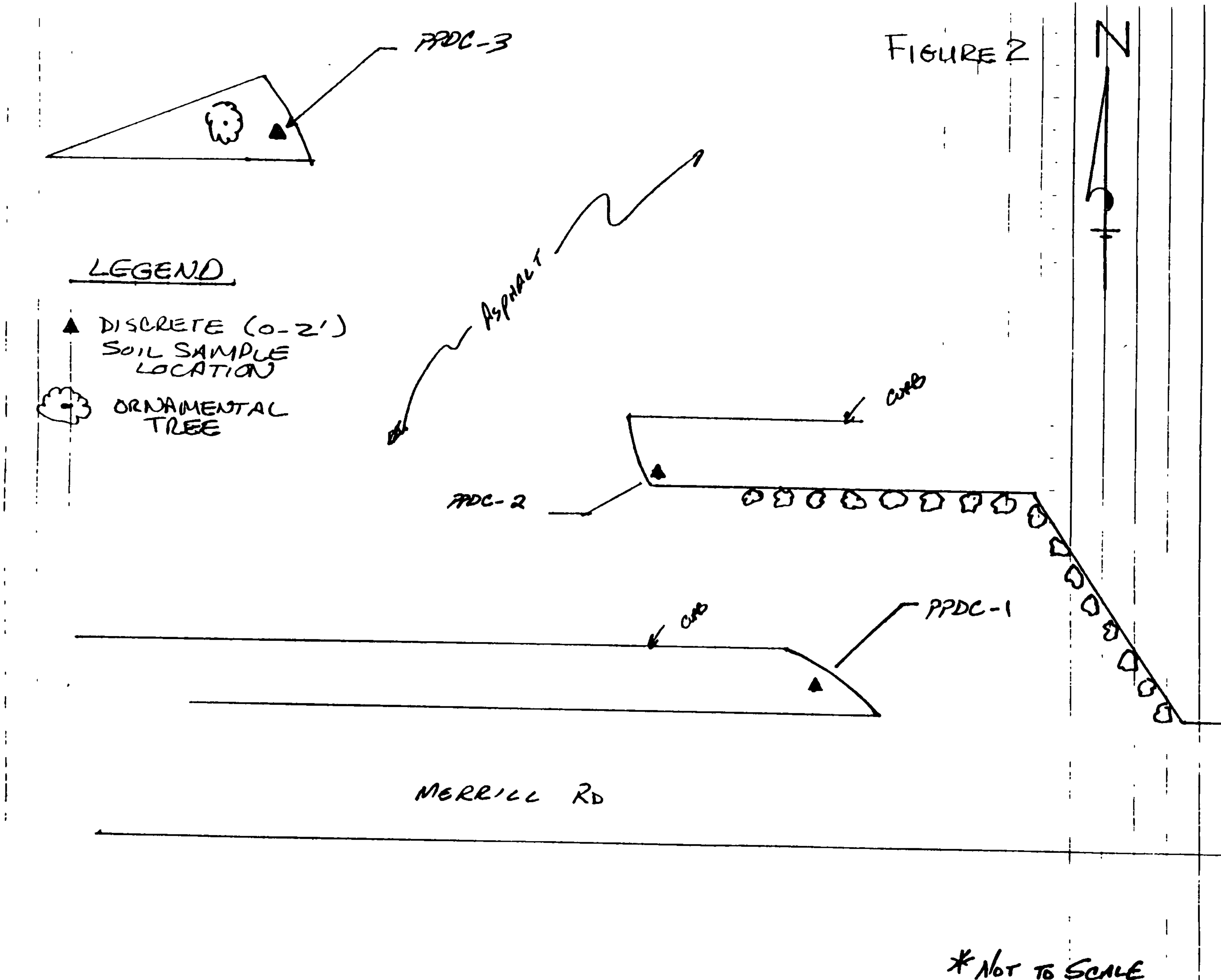
PROJ. NO.: 201.19.13

BY: TJB

DATE: 8/26/98

SHEET: 1/1

FIGURE 2



Attachment 1

O'Brien & Gere Laboratories,Inc.

Analytical Results Method: 8082

Client: Blasland,Bouck & Lee,Inc.
Project: 201.19.13
Proj. Desc: Pittsfield, MA

Job No.: 2887.050.517
Certification MA No.: NY034

Sample: J5181
Samp. Description: PPDC-1
Primary column: Y
Units: mg/Kg Dry weight
Column: RTX-5 30m x 0.53mmID
Dilution: 1 Instrument: HP5890-89

Collected: 08/26/98
Received: 08/28/98
Prepared: 09/04/98
Analyzed: 09/12/98

Matrix: Solid
QC Batch: 083198S1
%Solids: 92.6
Sample Size: 30 g

Number of analytes: 9

Parameter	Result	Col	Surrog Limits	Notes
PCB-1016	<.54	2		
PCB-1221	<.54	2		
PCB-1232	<.54	2		
PCB-1242	<.54	2		
PCB-1248	<.54	2		
PCB-1254	<.54	2		
PCB-1260	3.0	2		
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	101.%	2	54-135	
Decachlorobiphenyl (surrogate)	59.%	2	42-138	

Notes:

- Outside control limits J-Estimated value

Authorized: Thomas Alexander
Date: September 13,1998

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8082

Client: Blasland, Bouck & Lee, Inc.
Project: 201.19.13
Proj. Desc: Pittsfield, MA

Job No.: 2887.050.517
Certification MA No.: NY034

Sample: J5182
Samp. Description: PPDC-2
Primary column: Y
Units: mg/Kg Dry weight
Column: RTX-5 30m x 0.53mmID
Dilution: 1 Instrument: HP5890-89

Collected: 08/26/98
Received: 08/28/98
Prepared: 09/04/98
Analyzed: 09/12/98

Matrix: Solid
QC Batch: 083198S1
%Solids: 94.5
Sample Size: 30 g

Number of analytes: 9

Parameter	Result	Col	Surrog Limits	Notes
PCB-1016	<.53	2		
PCB-1221	<.53	2		
PCB-1232	<.53	2		
PCB-1242	<.53	2		
PCB-1248	<.53	2		
PCB-1254	<.53	2		
PCB-1260	1.7	2		
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	102.%	2	54-135	
Decachlorobiphenyl (surrogate)	60.%	2	42-138	

Notes:

- Outside control limits J-Estimated value

Authorized: Thomas Alexander
Date: September 13, 1998

Attachment 2

Attachment 3

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

PHOTOIONIZATION DETECTOR (PID) - MicroTIP™ HL-2000 HEAD SPACE SCREENING RESULT SHEET

GE Plastics - PPDC Islands Sampling

(201.19.13)

Date: 8/26/97
Operator: Tom Barnes

Sample Location	Reading
PPDC-1	0.0
PPDC-2	0.0
PPDC-3	0.0

Attachment 4

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists
6723 Towpath Road, P.O. Box 66
Syracuse, New York 13214-0066
TEL: (315) 446-9120

CHAIN OF CUSTODY RECORD

PROJ. NO.: 201.19.13
PROJECT NAME: GE PLASTICS - PPDC ISLANDS SAMPLING PROG.

SAMPLERS: (Signature) [signature]

STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	PCB	TEMPERATURE					REMARKS
	8-26-98	1000		x	PPDC-1	✓						
	8-26-98	1015		x	PPDC-2	✓						STANDARD TAT
	8-26-98	1030		x	PPDC-3	✓						
												FAX REPORT TO BRUCE
	8-26-98	-			TEMP BLANK		✓					EULIAN 413 494 2041

Relinquished by: (Signature)	DATE	TIME	Received by: (Signature)	Relinquished by: (Signature)	DATE	TIME	Relinquished by: (Signature)
[signature]	8-26-98						

Relinquished by: (Signature)	DATE	TIME	Received by: (Signature)	Relinquished by: (Signature)	DATE	TIME	Relinquished by: (Signature)

Relinquished by: (Signature)	DATE	TIME	Received for Laboratory by: (Signature)	DATE	TIME	Remarks:
						FEDEX AIRBILL # 806430407461

Distribution: Original Accompanies Shipment; Copy to Coordinator Field Files

To: Amy Cole

From: Rudy Gagliardi

SAMPLING REQUEST

DATE: AUGUST 10, 1998

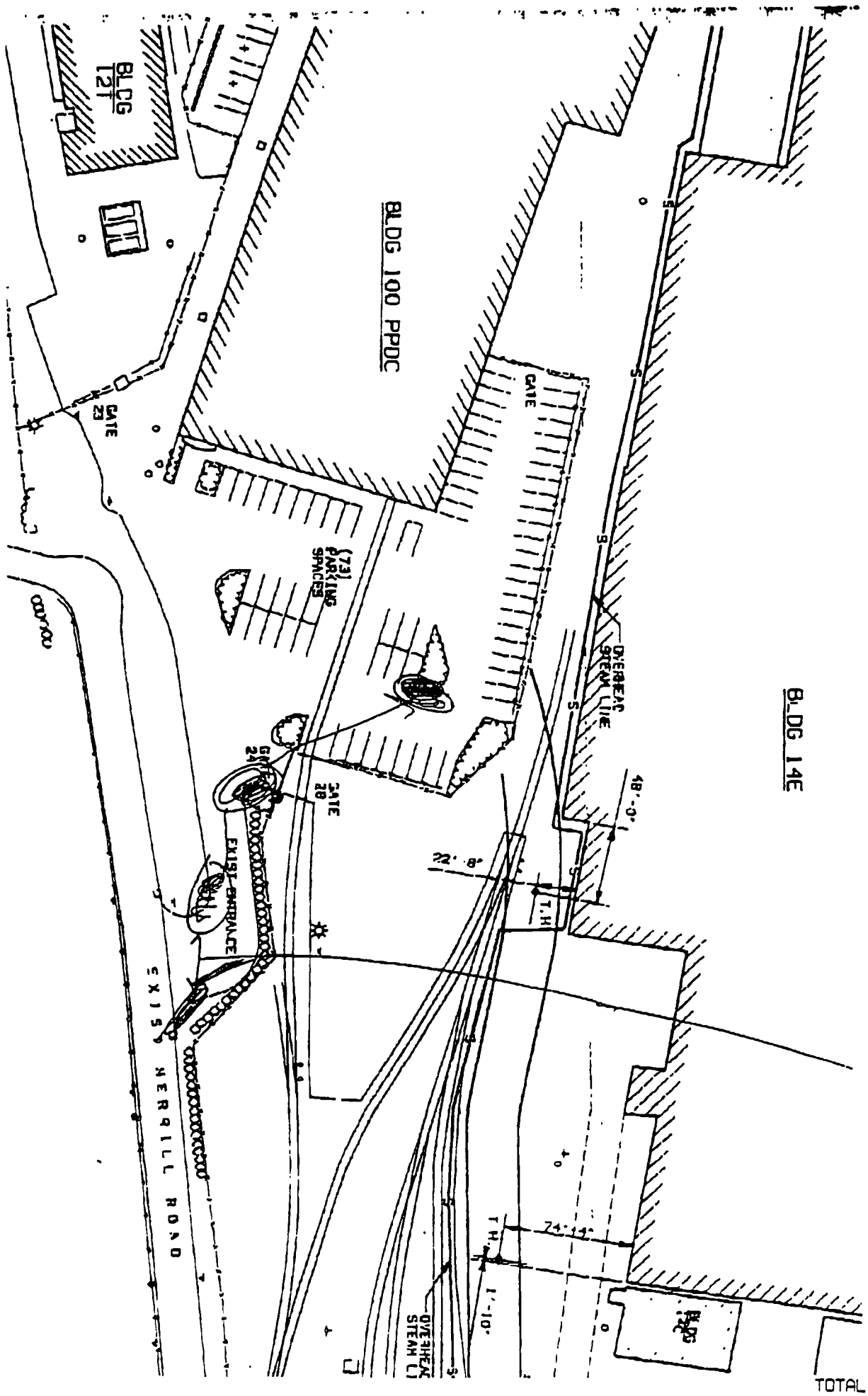
TO: B. Eulian - BBL cc: J. Bujak - infomotion (e-mail)

FROM: A. Cole - GEC

RE: PLASTICS PPDC ISLANDS

Plastics will be doing a major excavation to reshape the landscaping islands east of bldg. 100. This will involve the movement of approx. 30 yds of material. Please sample the existing landscaped mounds as shown on the accompanying drawing. Check with Rudy Gagliardi for the exact locations. Samples should be taken for PCB and PID at the frequency of 1 every 500 square feet of area and 1 per each 2 feet of depth, in accordance with the *Protocols for the Management of Excavation Activities.*

The samples may be sent to OBG in Syracuse. Check with Rudy for turn-around time. This sampling and analysis should be billed to 201.19.12 or .13. - Plastics


BLDG 12T
BLDG 100 PPDC
GATE 23
GATE
(73) PARKING SPACES
OVERHEAD STEAM LINE
BLDG 14E
GATE 24
GATE 28
EXIST. ENTRANCE
48'-0"
T.H.
74'-11"
T.H.
1'-10"
OVERHEAD STEAM LINE
BLDG
EXIST. HERRILL ROAD