Corporate Environmental Programs
General Electric Company
100 Woodlawn Avenue, Pittsfield, MA 01201

Transmitted Via Hand Delivery and U.S. Mail

July 20, 2000

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

Michael Nalipinski
U.S. EPA New England
Mail Code: HBT
One Congress Street
Boston, MA 02203

Re: Pre-Excavation Sampling Summary

Dear Ms. Cutler and Mr. Nalipinski:

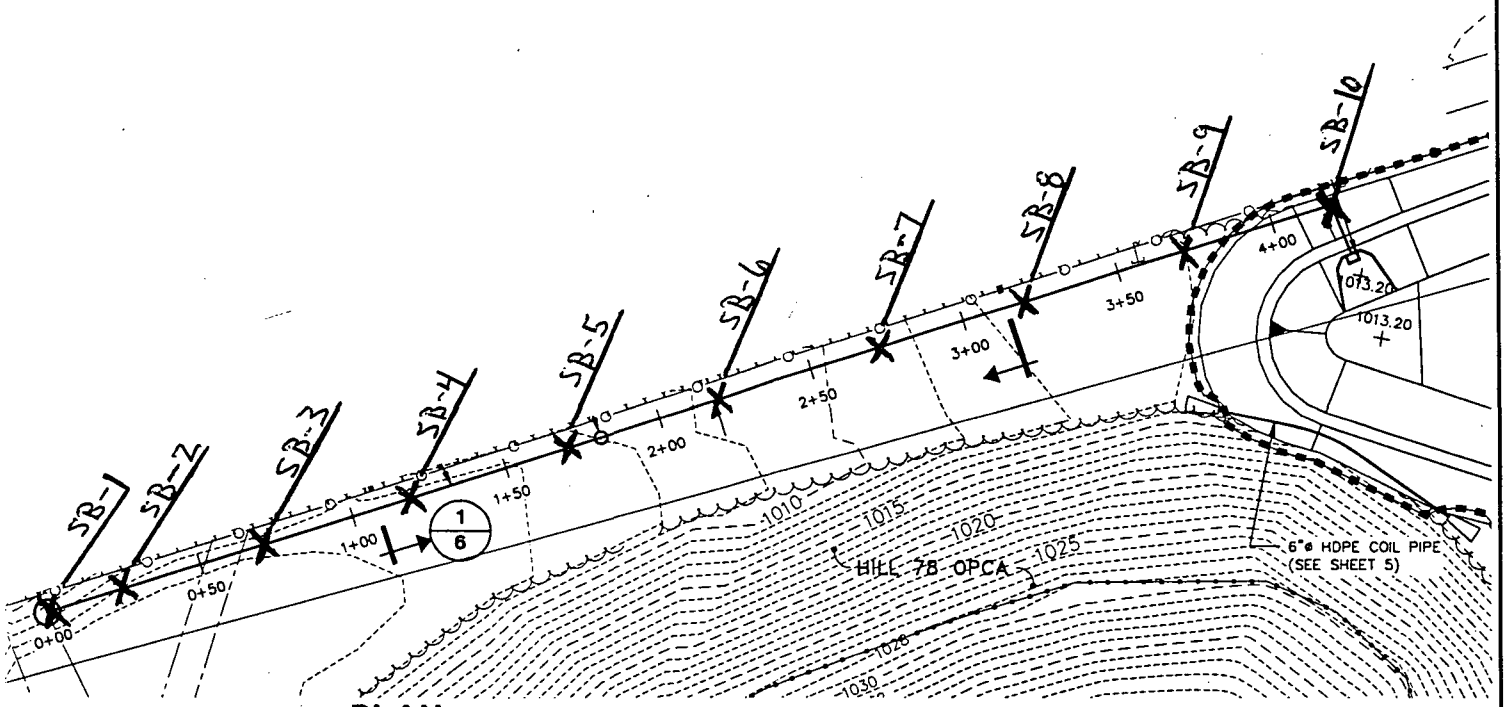
Attached please find a summary of recent pre-excavation soil sampling activities related to the On-Plant Consolidation Areas. Included is a sketch identifying the sample locations, a table summarizing the PCB analytical results, and a plan for handling those soils that contain PCBs at levels greater than 1 ppm.

Sincerely,

John N. Novotny, P.E.
Manager - Facilities and Brownfields Program

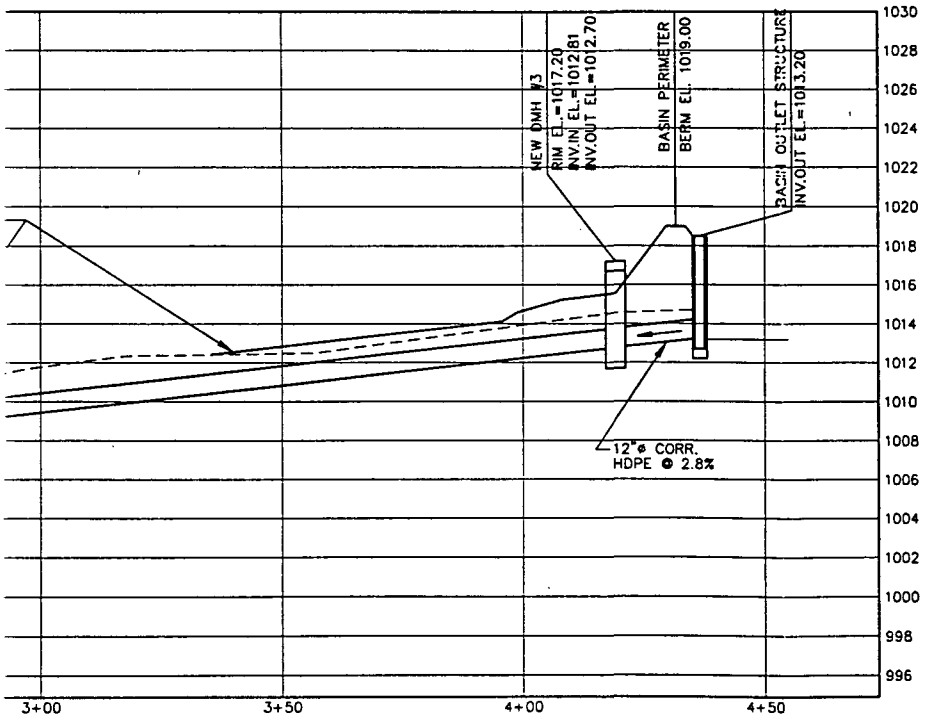
Attachments

cc: Bryan Olson, USEPA
A.T. Silfer, P.E., GE



PLAN

30' 0 30' 60'



LEGEND:

- CHAIN LINK FENCE/ASSUMED PROPERTY LINE
- EXISTING SILT FENCE
- PROPOSED SILT FENCE
- APPROXIMATE LEASE AND EASEMENT LINE LOCATION
- EDGE OF BRUSH AND WOODS
- UTILITY POLE
- OHU — OVERHEAD UTILITY
- 1028 — INDEX CONTOUR LINE
- INTERMEDIATE CONTOUR LINE
- 1014 — PROPOSED CONTOUR LINE
- SW — SURVEY BENCHMARK

NOTES:

1. REFER TO DRAWING NOS. 1 AND 2 FOR ADDITIONAL BASE MAP INFORMATION.
2. UNLESS OTHERWISE NOTED, ALL NEW PIPE SHALL BE CORRUGATED HIGH DENSITY POLYETHYLENE (HDPE) ADS N-12 OR EQUIVALENT. CONTRACTOR SHALL INSTALL PIPE IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
3. CONTRACTOR SHALL FIELD VERIFY EXACT LOCATION, SIZE, AND MATERIAL OF CONSTRUCTION OF EXISTING PIPELINE PRIOR TO MATERIAL PROCUREMENT.
4. GE WILL HANDLE REMOVAL OF LIQUID LINES SEPARATELY.

BL & LEE, INC. scientists

GENERAL ELECTRIC COMPANY • PITTSFIELD, MASSACHUSETTS

ON-PLANT CONSOLIDATION ACTIVITIES AND STORMWATER DRAINAGE IMPROVEMENTS

STORMWATER BASIN OUTLET PIPE PLAN AND PROFILE

GENERAL

File Number 201.85.06F

Date MAY 2000

Blasland, Bouck & Lee, Inc.
Corporate Headquarters
6723 Towpath Road
Syracuse, NY 13214
315-446-9120

SURVEY CONTROL INFORMATION
CONSTRUCTION POINTS

POINT NO.	NORTHING	EASTING	ELEVATION	DESCRIPTION	POINT NO.	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	535919.5	136050.6	1019.0	BERM CREST	32	535963.5	136207.1	1013.9	BERM TOE
2	535963.0	136125.7	1019.0	BERM CREST	33	535947.7	136131.4	1013.6	BERM TOE
3	535978.9	136205.9	1019.0	BERM CREST	34	535889.6	136035.8	1013.2	BERM TOE
4	535977.4	136245.4	1019.0	BERM CREST	35	535874.9	136038.9	1013.2	BERM TOE
5	535903.7	136025.6	1019.0	BERM CREST	36	535843.2	136236.9	1014.3	BERM TOE
6	535857.8	136035.4	1019.0	BERM CREST	37	535904.6	136059.6	1013.2	BERM TOE
7	535815.9	136327.1	1019.0	BERM CREST	38	535856.3	136158.8	1013.7	BERM TOE
8	535975.3	136258.0	1019.4	BERM CREST	39	535835.6	136285.1	1014.5	BERM TOE
9	535952.7	136299.2	1020.9	BERM CREST	40	535835.8	136293.3	1014.0	BERM TOE
10	535916.5	136331.0	1022.6	BERM CREST	41	535830.2	136329.0	1014.2	BERM TOE
11	535876.6	136356.2	1022.8	BERM CREST	42	535832.6	136348.6	1014.3	BERM TOE
12	535833.7	136378.2	1022.2	BERM CREST	43	535888.2	136323.3	1015.5	BERM CREST
13	535826.7	136371.0	1019.0	BERM CREST	44	535831.9	136289.7	1015.5	BERM CREST
14	535819.4	136354.0	1019.0	BERM CREST	45	535879.7	136312.8	1015.5	BERM CREST
15	535981.4	136245.8	1019.0	BERM CREST	46	535869.4	136304.0	1015.5	BERM CREST
16	535982.9	136205.6	1019.0	BERM CREST	47	535857.8	136297.1	1015.5	BERM CREST
17	535966.8	136124.2	1019.0	BERM CREST	48	535845.2	136292.3	1015.5	BERM CREST
18	535922.9	136048.5	1019.0	BERM CREST	49	535889.9	136322.2	1015.5	BERM CREST
19	535907.0	136023.3	1019.0	BERM CREST	50	535881.1	136311.4	1015.5	BERM CREST
20	535853.9	136034.6	1019.0	BERM CREST	51	535870.6	136302.4	1015.5	BERM CREST
21	535811.9	136326.6	1019.0	BERM CREST	52	535858.7	136295.3	1015.5	BERM CREST
22	535815.7	136355.5	1019.0	BERM CREST	53	535845.7	136290.3	1015.5	BERM CREST
23	535823.2	136372.9	1019.0	BERM CREST	54	535832.1	136287.7	1015.5	BERM CREST
24	535890.7	136318.2	1014.5	BERM TOE	55	535844.4	136295.1	1014.0	BERM TOE
25	535833.6	136350.9	1014.3	BERM TOE	56	535856.5	136299.8	1014.0	BERM TOE
26	535863.2	136333.9	1014.1	BERM TOE	57	535867.7	136306.5	1014.0	BERM TOE
27	535883.0	136321.3	1014.0	BERM TOE	58	535877.5	136314.9	1014.0	BERM TOE
28	535905.1	136309.0	1014.4	BERM TOE	59	535846.6	136287.3	1014.5	BERM TOE
29	535938.3	136285.1	1014.2	BERM TOE	60	535860.1	136292.4	1014.4	BERM TOE
30	535960.6	136251.3	1014.1	BERM TOE	61	535872.5	136299.8	1014.4	BERM TOE
31	535962.6	136243.5	1014.1	BERM TOE	62	535883.3	136309.3	1014.5	BERM TOE

SURVEY CONTROL NOTE:
CONSTRUCTION POINT ELEVATIONS REPRESENT FINAL GRADE.

SURVEY CONTROL INFORMATION
CONSTRUCTION RADII

ARC SEGMENT (POINT NOS.)	RADIUS (FT.)
5 TO 6	25
4 TO 14	40
19 TO 20	29
21 TO 22	44
34 TO 35	7.7
41 TO 42	35
43 TO 44	78
49 TO 54	80

BENCHMARK INFORMATION TABLE

BENCHMARK ID	NORTHING	EASTING	ELEVATION
H78-Z5	535687.0446	135483.101	1018.63
H78-Z6	536069.5191	136300.1963	1019.56
SE	536014.343	136117.158	1016.24
SW	535714.136	135540.651	1016.29
H78-54	535636.9583	136687.6839	1016.94
H78-52	535331.1927	135927.2705	1022.62
H78-218	535686.1272	136679.7685	–
H78-53	535677.2321	136111.9098	1030.11
H78-60	535520.5201	135492.0466	1017.35

NOTES:

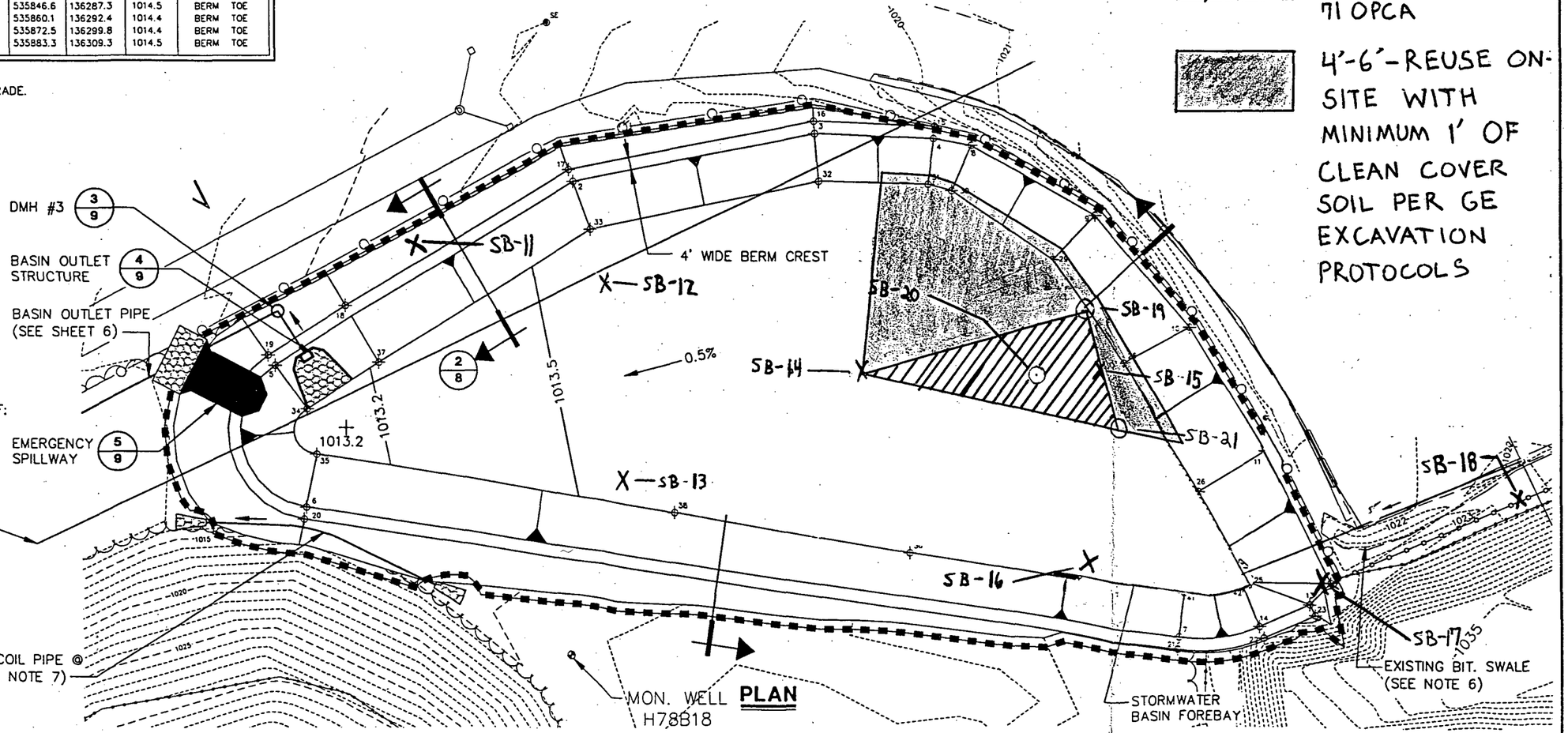
1. REFER TO DRAWING NOS. 1 AND 2 FOR ADDITIONAL BASE MAP INFORMATION.
2. UNLESS OTHERWISE NOTED, ALL NEW PIPE SHALL BE CORRUGATED HIGH DENSITY POLYETHYLENE (HDPE) ADS N-12 OR EQUIVALENT. CONTRACTOR SHALL INSTALL PIPE IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
3. OUTLET WEIR FOR STORMWATER BASIN FOREBAY AND EMERGENCY SPILLWAY SHALL BE SEEDED AND ARMORED WITH NORTH AMERICAN GREEN P300P PERMANENT EROSION CONTROL MAT OR EQUIVALENT. MATTING SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
4. STORMWATER BASIN FLOOR AND ALL SURFACES OF BASIN PERIMETER BERMS SHALL BE SEEDED AND ARMORED WITH NORTH AMERICAN GREEN S75 TEMPORARY EROSION CONTROL MAT OR EQUIVALENT UNLESS NOTED OTHERWISE. MATTING SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
5. PAVEMENT DISTURBED WITHIN THE PARKING LOT SHALL BE RESTORED TO THE SAME TYPE, THICKNESS, AND SLOPE AS ADJACENT EXISTING PAVEMENT.
6. CONTRACTOR SHALL BACKFILL EXISTING PAVED SWALE WITH TYPE 1 GENERAL FILL AND 6 INCHES OF TOPSOIL (TOPSOIL SHALL BE SEEDED AND MULCHED). NEW BITUMINOUS BERM/CURB SHALL BE INSTALLED AT EDGE OF EXISTING PAVEMENT AND SHALL CONNECT TO EXISTING BERMS/CURBS AT EACH END.
7. 6"ø HDPE SHALL BE COIL PIPE AS MANUFACTURED BY ADS OR EQUIVALENT. PIPE INVERTS AT UPSTREAM AND DOWNSTREAM ENDS SHALL APPROXIMATELY EQUAL THE SURROUNDING GROUND ELEVATION. CONTRACTOR SHALL INSTALL RIPRAP APRONS AT PIPE INLET AND OUTLET. APRONS SHALL CONSIST OF A 9" THICK LAYER OF RIPRAP UNDERLAIN BY TYPE 1 GEOTEXTILE. EDGES OF GEOTEXTILE SHALL BE ANCHORED TO PREVENT UPLIFT. THE TOP OF THE RIPRAP LAYER SHALL NOT EXCEED THE SURROUNDING GROUND ELEVATION NOR THE INVERT OF THE PIPE. FINAL APRON DIMENSIONS SHALL BE APPROXIMATELY 10' LONG BY 2' WIDE AT THE APRON ENDS CLOSEST TO THE PIPE AND 5' WIDE AT THE APRON ENDS MOST DISTANT FROM THE PIPE.
8. GE WILL HANDLE REMOVAL OF LIQUID LINES SEPARATELY.
9. EXISTING CATCH BASIN CONTAINS STANDING WATER. CONTRACTOR IS RESPONSIBLE FOR DEWATERING STRUCTURE AS NECESSARY.
10. AREAS DESIGNATED FOR STORMWATER BASIN CONSTRUCTION SHALL BE CLEARED OF ALL DELETERIOUS MATERIAL (I.E., VEGETATION, STONES, ETC.) AND REGRADED AND/OR FILLED AS NECESSARY TO PROVIDE A FIRM, UNIFORM SOIL SURFACE.
11. EXISTING VEGETATION DISTURBED PROPOSED CONSTRUCTION SHALL EQUIVALENT MATERIALS.
12. EXISTING CHAIN LINK FENCE MAY NECESSARY TO ALLOW CONSTRUC CONTRACTOR SHALL RESTORE AN OF FENCE.

LEGEND:

- MINIMUM 9" THICK LAYER OF RIPRAP
- EROSION CONTROL MAT (SEE NOTE 3)
- CONCRETE BARRIER
- CHAIN LINK FENCE/ASSUMED PROPERTY LINE
- EXISTING SILT FENCE
- PROPOSED SILT FENCE
- APPROXIMATE LEASE AND EASEMENT LINE LOCATION
- PROPOSED SILT FENCE
- EDGE OF BRUSH AND WOODS
- MONITORING WELL
- SE SURVEY BENCHMARK

0'-6'-CONSOLIDATE WITHIN BUILDING 71 OPCA

4'-6'-REUSE ON-SITE WITH MINIMUM 1' OF CLEAN COVER SOIL PER GE EXCAVATION PROTOCOLS



X: 20185X00, 20185X01.DWG
L: ON=*, OFF=REF
P: STD-PCP/DL
5/11/00 SYR-34-YCC KLN NES
20185G37/20185G07.DWG

Graphic Scale 20' 0 20' 40'

No.	Date	Revisions	Init

Project Mgr. _____
Designed by _____
Drawn by _____
Checked by _____
Prof. Eng. _____
PE License _____

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

GENERAL ELECTRIC COMPANY • PITTSFIELD, MASSACHUSETTS
ON-PLANT CONSOLIDATION ACTIVITIES AND STORMWATER DRAINAGE IMPROVEMENTS

STORMWATER BASIN GRADING PLAN

GENERAL

File Number 201.85.05F
Date MAY 2000

Blasland, Bouck & Lee, Inc.
Corporate Headquarters
6723 Towpath Road
Syracuse, NY 13214
315-446-9120

PRELIMINARY ANALYTICAL DATA
SUBJECT TO VERIFICATION

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

HILL 78/BUILDING 71 ON PLANT CONSOLIDATION AREAS
PRE-EXCAVATION SAMPLING RESULTS

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

Sample ID	Depth (Feet)	Date Collected	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
OPCA-SW-DRA-SB-1	0-1	6/2/00	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.069	0.069
	1-3	6/2/00	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.024 J	0.024 J
	3-5	6/2/00	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	5-7	6/2/00	ND(0.039) [ND(0.040)]	ND(0.039) [ND(0.040)]	ND(0.039) [ND(0.040)]	ND(0.039) [ND(0.040)]	ND(0.039) [ND(0.040)]	ND(0.039) [ND(0.040)]	0.85 [0.42]	0.85 [0.42]
OPCA-SW-DRA-SB-2	0-1	6/2/00	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.13	0.13
	1-3	6/2/00	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.36	0.36
	3-5	6/2/00	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.41	0.41
	5-7	6/2/00	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.12	0.12
OPCA-SW-DRA-SB-3	0-2	5/30/00	ND(0.038) [ND(0.040)]	ND(0.038) [ND(0.040)]	ND(0.038) [ND(0.040)]	ND(0.038) [ND(0.040)]	ND(0.038) [ND(0.040)]	ND(0.038) [ND(0.040)]	0.050 [0.056]	0.050 [0.056]
OPCA-SW-DRA-SB-4	0-2	5/30/00	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	0.056	0.056
OPCA-SW-DRA-SB-5	0-2	5/30/00	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	1.4	1.4
	2-4	5/30/00	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
OPCA-SW-DRA-SB-6	0-2	5/30/00	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.20	0.20
	2-4	5/30/00	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
OPCA-SW-DRA-SB-7	0-1	5/30/00	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.14	0.14
	1-3	5/30/00	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
OPCA-SW-DRA-SB-8	0-1	5/30/00	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	0.38	0.38
	1-3	5/30/00	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.098	0.098
OPCA-SW-DRA-SB-9	0-2	5/30/00	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.021 J	0.021 J
	2-4	5/30/00	ND(0.035) [ND(0.038)]	ND(0.035) [ND(0.038)]	ND(0.035) [ND(0.038)]	ND(0.035) [ND(0.038)]	ND(0.035) [ND(0.038)]	ND(0.035) [ND(0.038)]	ND(0.035) [ND(0.038)]	ND(0.035) [ND(0.038)]
OPCA-SW-DRA-SB-10	0-2	5/30/00	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.042	0.042
	2-4	5/30/00	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
OPCA-SW-DRA-SB-11	0-2	5/30/00	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.033 J	0.033 J
	2-4	5/30/00	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
OPCA-SW-DRA-SB-12	0-1	5/30/00	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	0.042	0.042
	1-3	5/30/00	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
OPCA-SW-DRA-SB-13	0-1	5/31/00	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	0.10	0.10
	1-3	5/31/00	ND(0.038) [ND(0.039)]	ND(0.038) [ND(0.039)]	ND(0.038) [ND(0.039)]	ND(0.038) [ND(0.039)]	ND(0.038) [ND(0.039)]	ND(0.038) [ND(0.039)]	ND(0.038) [0.054]	ND(0.038) [0.054]
OPCA-SW-DRA-SB-14	0-2	5/31/00	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
	2-4	5/31/00	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
OPCA-SW-DRA-SB-15	0-2	5/31/00	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
	2-4	5/31/00	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.22	0.22
	4-6	5/31/00	ND(0.53)	ND(0.53)	ND(0.53)	ND(0.53)	ND(0.53)	ND(0.53)	9.5	9.5
OPCA-SW-DRA-SB-16	0-2	6/2/00	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.038 J	0.038 J
	2-4	6/2/00	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.031 J	0.031 J
	4-6	6/2/00	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
OPCA-SW-DRA-SB-17	0-1	6/2/00	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.068	0.068
	1-3	6/2/00	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.022 J	0.022 J
	3-5	6/2/00	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
	5-7	6/2/00	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	7-9	6/2/00	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
OPCA-SW-DRA-SB-18	0-1	6/2/00	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	0.088	0.088
	1-3	6/2/00	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	3-5	6/2/00	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	5-7	6/2/00	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.021 J	0.021 J
OPCA-SW-DRA-SB-19	4-6	7/13/00	ND(0.20) [ND(0.040)]	ND(0.20) [ND(0.040)]	ND(0.20) [ND(0.040)]	ND(0.20) [ND(0.040)]	ND(0.20) [ND(0.040)]	ND(0.20) [ND(0.040)]	2.0 [0.98]	2.0 [0.98]
OPCA-SW-DRA-SB-20	4-6	7/13/00	ND(3.8)	ND(3.8)	ND(3.8)	ND(3.8)	ND(3.8)	ND(3.8)	58	58
OPCA-SW-DRA-SB-21	4-6	7/13/00	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.050	0.050

Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc. and 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. J - Indicates an estimated value less than the practical quantitation limit (PQL).
4. Field duplicate sample results are presented in brackets.