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Transmitted Via Overnight Courier

October 5, 2007

Mr. Richard W. Hull
United States Environmental Protection Agency - Region 1
One Congress Street, Suite 1100, Mail Code: HBO
Boston, MA 02114-2023

**Re: Addendum to Supplemental Sampling and Engineering Design
Report for Re-routing of Sanitary and Storm Sewer Pipelines
GE-Pittsfield/Housatonic River Site
Hill 78 On-Plant Consolidation Area (GECD210)**

Dear Mr. Hull:

On July 3, 2007, the General Electric Company (GE) submitted to the U.S. Environmental Protection Agency (EPA) a *Supplemental Sampling and Engineering Design Report for Re-Routing of Sanitary and Storm Sewer Pipelines* (SS/ED Report). That submittal provided: 1) a summary of the supplemental investigation and evaluation activities performed to characterize the soils associated with the corridor in which the sanitary and storm sewer pipelines will have to be installed for potential use as excavation backfill; 2) a description of the sanitary and storm sewer pipeline re-routing design; and 3) a summary of the construction activities that will be performed to re-route portions of the existing sanitary and storm sewer pipelines that currently run under the Hill 78 On-Plant Consolidation Area (OPCA) to new locations outside the western limits of that OPCA. On September 11, 2007, EPA conditionally approved the SS/ED Report and directed GE to submit an *Addendum to Supplemental Sampling and Engineering Design Report for Re-routing of Sanitary and Storm Sewer Pipelines* (SS/ED Addendum). This letter is that SS/ED Addendum and addresses each of the conditions set forth in EPA's September 11, 2007 letter.

EPA Comment No. 1

GE shall remove all soils within the polygon associated with location RAA9-J10, to a depth of one foot, prior to the initiation of any excavation or stockpiling activities associated with the sewer rerouting project, and not just the portion of the polygon that falls within the new utility corridor. If the Hill 78 Remainder remediation occurs prior to the sewer rerouting project, the removal shall occur as part of the Hill 78 Remainder remediation.

GE Response

Soil within the polygon associated with location RAA9-J10 will be removed to a depth of one foot prior to initiation of re-routing activities (as illustrated on Technical Drawing 2 in Attachment A). If the remediation for the rest of the Hill 78-Remainder Removal Action Area (RAA) occurs prior to the re-routing activities, the excavation will occur as part of that remediation.

* * *

EPA Comment No. 2

In the Addendum to the Sampling and Design Report described below, GE shall include a contingency plan similar to the plan specified in Attachment B to the April 4, 2006 Addendum to the Final Removal Design/Removal Action Work Plan for Lyman Street Area to address any drums, containers, capacitors or other vessels that are encountered during the performance of sewer re-routing activities. In addition, in performance of the pipeline work, GE shall require that its contractors prepare their own health and safety plan that at least complies with the requirements of GE's Site Health and Safety Plan (HASP).

GE Response

The contractor selected by GE for this project will be required to provide certain pre-mobilization submittals. Certain of those submittals relate to the manner in which the work activities will be implemented and include a Health and Safety Plan (HASP) and a Contingency Plan, each of which is further described below.

HASP

The HASP will identify the contractor's project-specific health and safety procedures, and will be developed to address the minimum requirements established in GE's *Project Operations Plan* (POP) and 29 CFR 1910 and 1926. The plan will address those activities to be undertaken by the contractor and present required information including, but not limited to, the following (as applicable):

- Training
- Identification of key personnel (including the contractor's Health and Safety Officer)
- Medical surveillance
- Site hazards
- Work zones
- Personal safety equipment and protective clothing
- Personal air monitoring
- Personnel/equipment cleaning
- Construction safety procedures
- Standard operating procedures and safety programs
- Material safety data sheets

Contingency Plan

The Contingency Plan will set forth procedures for responding to emergency conditions or events that may occur during the performance of the re-routing project, and will include the following information:

- A spill prevention control and countermeasures plan for all materials brought on the work site
- Emergency vehicular access/egress
- Evacuation procedures of personnel from the work site
- A list of all contact personnel with phone numbers and procedures for notifying each
- Routes to local hospitals

- Identification of responsible personnel who will be in a position at all times to receive incoming phone calls and to dispatch contractor personnel and equipment in the event of an emergency situation

In addition to the Contingency Plan requirements listed above, certain measures will be taken by GE and/or the contractor in the event that any drums, capacitors, or other vessels are discovered during the course of re-routing activities. These measures will include the following:

- Immediate notification of any such discovery to EPA and MDEP;
- Segregation, overpacking, characterization, and off-site disposal of any intact liquid-containing drums, capacitors, or other vessels; and
- Discussions with EPA regarding the need for and/or scope of follow-up activities, such as additional air monitoring, investigations, and response actions, if necessary.

* * *

EPA Comment No. 3

GE shall submit to EPA for approval the off-site sources of material to be used as backfill and the analytical results used to characterize the material, prior to use of the material on-site. Characterization of the materials shall be conducted in accordance with Attachment B of the Project Operations Plan (POP).

GE Response

The contractor will be required to prepare a submittal(s) specifying any proposed backfill sources. If recent (within the last year) analytical data for that source are not available, GE will sample material from that source in accordance with Attachment B of the POP. Upon receipt of the data and approval of these sources, and prior to the use of the backfill material on-site, GE will submit to EPA the location of the proposed off-site material sources and the analytical results used to characterize the material.

* * *

EPA Comment No. 4

GE shall specify what clearing and restoration activities will occur as part of the rerouting of the sewer, including the extent of tree removal associated with the project and plans for restoration and replacement. The plans for tree restoration and replacement associated with the rerouting of the sewers shall be incorporated into the plan for tree restoration and replacement activities being prepared in accordance with the requirements of conditions #1 and #5 of EPA's June 19, 2007 conditional approval letter for GE's April 13, 2007 submittal titled Hill 78 On-Plant Consolidation Area Phase III Final Cover Installation Activities.

GE Response

Clearing activities for the re-routing project will occur at certain areas near Tyler Street Extension as illustrated on Technical Drawing 2 in Attachment A. Construction activities in this area will require the removal of five large spruce trees. Following installation of the sanitary and storm sewer pipelines in the area identified, restoration activities will consist of topsoiling, fertilizing, and seeding. GE will incorporate any tree restoration and replacement activities as part of the planting of additional trees and shrubs along Tyler Street Extension required in Conditions #1 and #5 of EPA's June 19, 2007 conditional approval letter for GE's April 13, 2007 submittal entitled *Hill 78 On-Plant Consolidation Area Phase III Final Cover Installation Activities*.

* * *

EPA Comment No. 5

GE shall specify dust control measures that will be implemented during excavation and construction, as well as the frequency of particulate monitoring and PCB air sampling during the project, consistent with measures implemented during construction activities at other RAAs and with Attachment D of the POP.

GE Response

Similar to ongoing final cap placement activities at the OPCAs, dust control will be conducted based on visual observations, monitoring performed by the contractor, and/or the results of particulate monitoring conducted by GE. The presence of visible dust during the performance of construction activities will result in temporary suspension of work activities and the implementation of appropriate dust control measures (e.g., spraying water, hauling materials in properly tarped vehicles, restricting vehicle speeds, covering soil piles with polyethylene sheeting).

The contractor's HASP will identify protocols and criteria associated with air monitoring of on-site personnel and monitoring of vapors within the utility trench. Perimeter particulate air monitoring will be conducted daily by GE during project activities that include active construction, materials handling, and material transport and consolidation at the Hill 78 OPCA. Perimeter polychlorinated biphenyl (PCB) air monitoring activities will be conducted by GE on a monthly basis once the perimeter PCB air monitoring currently being performed at the Hill 78 OPCA ceases and the re-routing activities are initiated. It is anticipated that the monitoring locations currently used for OPCA operations will also be used for air monitoring during the re-routing activities.

* * *

EPA Comment No. 6

GE shall specify how the excavated material will be segregated and backfilled such that soil currently in the 0-1 foot, 1-6 foot and 6-15 foot depth intervals will be backfilled in the same interval and same general location. Alternatively, GE shall provide an explanation as to how the backfilling, if not performed as described above, will impact the characterization of the Hill 78 Remainder RAA and the subsequent Conceptual RD/RA evaluation.

GE Response

The evaluations presented in the SS/ED Report indicated that, of the 81 PCB samples collected in the area to be excavated, the single highest detected PCB concentration was 30 parts per million (ppm). This concentration, detected at sample location OPCA-SB-7 (0-1'), as shown on Figure 1, is only marginally greater than the most stringent PCB Performance Standard applicable to the Hill 78 Remainder RAA, as specified in Appendix E of the CD, the *Statement of Work for Removal Actions Outside the River (SOW)*. Specifically, this single maximum PCB concentration of 30 ppm, taken on its own without averaging this result with the lower results from other samples, is very close to 25 ppm, which is the Performance Standard for the average PCB concentration in the 0- to 1-foot depth increment at this RAA. This sample is also far less than the Not-to-Exceed concentration of 125 ppm applicable to this RAA. Further, the calculated spatial average PCB concentration for the soils within the utility corridor (0.63 ppm) is far below these Performance Standards. As a result, segregation of the soils within each depth interval is not necessary to ensure that such soils are replaced within the corresponding depth increments from which they were removed.

With respect to the Appendix IX+3 soil sampling data collected to characterize the soils from the greater than 15-foot depth increment within this utility corridor, the SS/ED Report indicated that the Consent Decree does not provide for an evaluation of such data within utility corridors, much less for data collected at depths greater than 15 feet. Nevertheless, that document included an extremely conservative evaluation of the Appendix IX+3 soil sampling data, comparing the non-dioxin/furan average constituent concentrations to Method 1 Category S-1 GW-2/GW-3 soil standards, or for constituents for which such soil standards did not exist, EPA Region 9 Preliminary Remediation Goals (PRGs). For dioxin/furan toxicity equivalency quotients, the maximum constituent concentration was compared to the Method 1 Category S-1 GW-2/GW-3 soil standards. As indicated therein, the Appendix IX+3 soil sample data were below these criteria. Therefore, segregation of the soils within each depth interval is not necessary to ensure that such soils are replaced within the corresponding depth increments from which they were removed.

For the purposes of the forthcoming Conceptual Removal Design/Removal Action Work Plan (Conceptual Work Plan) for the Hill 78-Remainder RAA, GE will include the soils within the restored utility corridors in the evaluations for that RAA using the following procedures:

- The 50-foot wide utility band associated with the utility corridor will be established as its own evaluation polygon and incorporated into the overall polygon mapping for the Hill 78-Remainder RAA.
- The spatial average PCB concentration calculated for the utility corridor (0.63 ppm) will be applied to the soils associated with the 0- to 1-foot, 1- to 6-foot, and 0- to 15-foot depth increments and included in the evaluations of those depth increments in the Conceptual Work Plan.
- The spatial averaging tables will include a line item called "Re-routed Sewer Corridor" with the corresponding average PCB concentration of 0.63 ppm. The applicable tables will also include a note referring the reader to the applicable averaging table presented in the SS/ED Report within which the average PCB concentration was calculated. (This table, or a reference thereto, will also likely be included in the utility corridor evaluations presented in that Conceptual Work Plan).

- As a conservative measure, and since GE is not proposing to segregate the soils subject to excavation and subsequent use as backfill by depth increment, GE plans to exclude the Appendix IX+3 soil sample data collected from the greater than 15-foot depth increment from the evaluations for the Hill 78-Remainder RAA. This is a conservative approach since such data, if segregated for use as backfill in the depth increments subject to evaluation at this RAA, would lower the average Appendix IX+3 constituent concentrations.

* * *

EPA Comment No. 7

As part of the characterization of the soils located within the proposed storm and sanitary sewer corridors, GE did not include sample results from the area where it is proposing to extend the storm sewer above ground beyond the location where it “daylights”. Accordingly, GE shall confirm that no remediation is required for the proposed work area beginning where the storm sewer pipeline currently daylights extending all the way to the RAA boundary.

GE Response

GE has reviewed the PCB and Appendix IX+3 soil sample data collected in the vicinity of the location at which the re-routed storm sewer pipeline will be installed above current grade (i.e., the portion of the re-routed storm sewer beyond the location where it currently “daylights” south of the Hill 78 OPCA). These PCB and Appendix IX+3 soil sample data are presented in Tables 1 and 2, respectively. These sampling locations are presented on Figure 1.

As indicated on Table 1, the maximum PCB concentration of 3.7 ppm (with a duplicate of 3.5 ppm) at location H78SE-3 is well below the PCB Performance Standards applicable to the Hill 78-Remainder RAA (i.e., 25 ppm [0-1’], 200 ppm [1-6’], 100 ppm [0-15’], and an NTE value of 125 ppm). As a result, no future response actions will be necessary in the vicinity of the re-routed pipelines to address PCBs in soil.

Based on an initial review of the Appendix IX+3 soil sample data in the vicinity of the above-grade portion of the re-routed storm sewer, GE has performed a preliminary evaluation of the Appendix IX+3 soil sample data for the Hill 78-Remainder RAA using the procedures applicable to this RAA (as specified in the SOW) and which will be utilized in the forthcoming Conceptual RD/RA Work Plan. The results of that preliminary evaluation indicate that no future response actions will be necessary in the vicinity of the re-routed pipelines to address Appendix IX+3 constituents in soil. Nevertheless, as a conservative measure, based on discussions with EPA, GE has elected to remove soils associated with sampling location RAA9-K12, which has elevated concentrations of certain polycyclic aromatic hydrocarbons in the sample collected from the 0- to 1-foot depth increment. Specifically, GE is proposing to remove soils associated with this sampling location from the approximate 25-foot by 25-foot area illustrated on Figure 1 and Technical Drawing 2 in Attachment A.

* * *

We trust the above responses are sufficient to address EPA's comments and that sanitary and storm sewer re-routing activities can be initiated soon. GE has recently received contractor bids for this project and anticipates contractor selection and preparation of pre-mobilization submittals in the upcoming weeks. On-site construction activities are expected to start near the end of October. If you have any further questions, please feel free to contact me.

Sincerely,

Richard W. Gates/mmp

Richard W. Gates
Remediation Project Manager

Attachments

cc: Tim Conway, EPA
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Public Information Repositories
GE Internal Repository

** without attachment*

Tables

**TABLE 1
PCB DATA**

**SOIL SAMPLING DATA IN THE AREA WHERE THE EXISTING ABOVE-GRADE PIPELINE WILL BE BACKFILLED
HILL 78 AREA-REMAINDER
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Location ID	Sample ID	Depth(Feet)	Date Collected	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs	
78-5	PH05B0002	0-2	1/9/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	0.41 *	0.41	
	PH05B0204	2-4	1/9/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	0.050	0.050	
	PH05B0406	4-6	1/9/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	
	PH05B0608	6-8	1/9/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	
	PH05B0810	8-10	1/9/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	0.15	0.15	
	PH05B1012	10-12	1/9/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	
	PH05B1214	12-14	1/9/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	
	PH05B1416	14-16	1/9/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	
H78SE-3	H78SE-3	0-1	9/11/1996	ND(1.7) [ND(0.25)]	ND(3.5) [ND(0.50)]	ND(1.7) [ND(0.25)]	ND(1.7) [ND(0.25)]	ND(1.7) [ND(0.25)]	ND(1.7) [ND(0.25)]	3.7 [3.5]	3.7 [3.5]	
RAA9-K12	RAA9-K12	0-1	2/3/2005	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	0.33	0.60	0.93	
		1-6	2/3/2005	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	0.16	0.38	0.54	
		6-15	2/3/2005	ND(0.039)								
RAA9-K12E	RAA9-K12E	0-1	1/25/2005	ND(0.041) [ND(0.048)]	0.16 J [ND(0.063)]	0.086 J [ND(0.048)]	0.246 J [ND(0.048)]					
RAA9-K13	RAA9-K13	1-6	2/2/2005	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.14	0.14	
		6-15	2/2/2005	ND(0.038)								
RAA9-L13	RAA9-L13	0-1	1/21/2005	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	0.21	0.33	0.54	
		1-6	1/21/2005	ND(0.043) J	0.19 J	0.49 J	0.68 J					
		6-15	1/21/2005	ND(0.038) [ND(0.038)]								
RAA9-X1	RAA9-X1	0-1	6/15/2006	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.38	0.38	
S2	S2	0-0.9	9/11/1996	ND(0.52)	ND(1.0)	ND(0.52)	ND(0.52)	ND(0.52)	ND(0.52)	1.3 P	1.3	
OPCA-SB-1	SB-1	0-1	5/23/2007	ND(0.38)	1.1	1.1						
		1-6	5/23/2007	R	R	R	R	R	R	R	0.69 J	0.69 J
		6-8	5/23/2007	ND(0.033)	ND(0.033)							
SE-1	Hill 78SE1	0-1	5/10/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	0.070	0.70	
	PHS1S	0-1	9/23/1991	ND(0.023) [ND(0.026)]								
SE-2	Hill 78SE2	0-1	5/10/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	2.5	2.5	
	PHS2S	0-1	9/23/1991	ND(0.022)								

Notes:

1. Samples were collected by ARCADIS BBL, and were submitted to CompuChem Environmental Corporation, IT Analytical Services and SGS Environmental Services, Inc. for analysis of PCBs.
2. Samples have been validated as per GE's EPA-approved FSP, General Electric Company, Pittsfield, Massachusetts, ARCADIS BBL.
3. NA - Not Analyzed - Laboratory did not report results for this analyte.
4. ND - Analyte was not detected. The number in parenthesis is the associated detection limit.
5. Field duplicate sample results are presented in brackets.

Data Qualifiers:

- J - Indicates that the associated numerical value is an estimated concentration.
- P - Greater than 25% difference between primary and confirmation column.
- R - Data was rejected due to a deficiency in the data generation process.
- * - Sample exhibits alteration of standard aroclor pattern.

**TABLE 2
APPENDIX IX+3 DATA**

**SOIL SAMPLING DATA IN THE AREA WHERE THE EXISTING ABOVE-GRADE PIPELINE WILL BE BACKFILLED
HILL 78 AREA-REMAINDER
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Location ID: Sample ID: Sample Depth(Feet): Date Collected:	H78SE-3 H78SE-3 0-1 09/11/96	RAA9-K12 RAA9-K12 0-1 02/03/05	RAA9-K12 RAA9-K12 1-6 02/03/05	RAA9-K12 RAA9-K12 3-4 02/03/05	RAA9-K12E RAA9-K12E 0-1 01/25/05
Volatile Organics					
Acetone	0.010 JB [0.020 JB]	ND(0.026)	NA	R	ND(0.025) [ND(0.028)]
Acetonitrile	0.022 JB [0.035 JB]	ND(0.13) J	NA	R	ND(0.12) J [ND(0.14) J]
Chlorobenzene	0.0040 J [0.0020 J]	ND(0.0065)	NA	R	ND(0.0062) [ND(0.0071)]
Methylene Chloride	0.0090 JB [0.016 JB]	ND(0.0065)	NA	R	ND(0.0062) [ND(0.0071)]
Toluene	ND(0.016) [ND(0.023)]	ND(0.0065)	NA	R	ND(0.0062) [0.0043 J]
Trichlorofluoromethane	0.0010 J [ND(0.030)]	ND(0.0065)	NA	R	ND(0.0062) [ND(0.0071)]
Semivolatile Organics					
1-Methylnaphthalene	0.039 J	NA	NA	NA	NA
2-Methylnaphthalene	0.037 J [ND(1.3)]	2.2 J	ND(0.45)	NA	1.4 [0.091 J]
Acenaphthene	0.24 J [0.28 J]	5.4	ND(0.45)	NA	0.63 [0.095 J]
Acenaphthylene	0.072 J [0.091 J]	20	0.065 J	NA	1.2 [0.43 J]
Anthracene	0.60 J [0.73 J]	26	0.067 J	NA	2.6 [0.50 J]
Benzo(a)anthracene	2.9 D [3.3]	66	0.24 J	NA	3.4 [1.1 J]
Benzo(a)pyrene	3.0 D [3.5]	61	0.21 J	NA	2.5 [0.96 J]
Benzo(b)fluoranthene	5.6 DX [7.3 X]	51	0.17 J	NA	1.7 [0.59 J]
Benzo(g,h,i)perylene	1.7 D [5.8]	36	0.10 J	NA	1.1 [0.47 J]
Benzo(k)fluoranthene	5.7 DX [5.2 X]	50	0.19 J	NA	2.0 [0.77 J]
Benzoic Acid	0.084 J	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	0.66 J [1.2]	ND(2.2)	ND(0.44)	NA	ND(0.41) [ND(0.47) J]
Butylbenzylphthalate	0.20 J [0.11 J]	ND(4.4)	ND(0.45)	NA	ND(0.41) [ND(0.48) J]
Chrysene	3.7 D [4.2]	72	0.35 J	NA	3.5 [1.3 J]
Dibenzo(a,h)anthracene	0.22 J [0.40 J]	11	ND(0.45)	NA	0.27 J [ND(0.48) J]
Dibenzofuran	0.15 J [0.18 J]	7.7	ND(0.45)	NA	0.83 [ND(0.96) J]
Diethylphthalate	ND(0.74) [ND(1.1)]	ND(4.4)	ND(0.45)	NA	ND(0.41) [0.068 J]
Dimethylphthalate	0.11 J [ND(1.4)]	ND(4.4)	ND(0.45)	NA	ND(0.41) [0.082 J]
Di-n-Octylphthalate	0.043 J [ND(0.72)]	ND(4.4)	ND(0.45)	NA	ND(0.41) [ND(0.48) J]
Fluoranthene	8.3 D [6.7]	170	0.82	NA	9.5 [2.6 J]
Fluorene	0.38 J [0.47 J]	20	0.061 J	NA	2.6 [0.34 J]
Indeno(1,2,3-cd)pyrene	1.3 D [1.8]	30	0.070 J	NA	0.90 [0.37 J]
Naphthalene	0.047 J [ND(0.99)]	2.7 J	ND(0.45)	NA	1.0 [ND(0.96) J]
N-Nitrosopiperidine	ND(0.77) [ND(1.1)]	ND(4.4)	ND(0.45)	NA	ND(0.41) [0.055 J]
Phenanthrene	4.7 D [4.9]	140	0.70	NA	14 [2.4 J]
Pyrene	8.4 D [7.1]	150	0.79	NA	9.7 [2.9 J]
Total Phenols	NA	NA	NA	NA	NA
Organochlorine Pesticides					
Alpha-BHC	NA	NA	NA	NA	NA
Delta-BHC	NA	NA	NA	NA	NA
Endosulfan I	NA	NA	NA	NA	NA
Organophosphate Pesticides					
None Detected	NA	NA	NA	NA	NA
Herbicides					
None Detected	NA	NA	NA	NA	NA
Furans					
2,3,7,8-TCDF	NA	0.000016 Y	0.0000091 Y	NA	0.0000051 J [0.000012 J]
TCDFs (total)	NA	0.00011	0.000064	NA	0.000039 J [0.000087 J]
1,2,3,7,8-PeCDF	NA	0.0000043 J	ND(0.000020)	NA	ND(0.000012) [ND(0.000022)]
2,3,4,7,8-PeCDF	NA	0.0000085	0.0000035 J	NA	ND(0.000017) [ND(0.000030)]
PeCDFs (total)	NA	0.00033	0.000045	NA	0.000079 J [0.000021 J]
1,2,3,4,7,8-HxCDF	NA	0.0000087	0.000013	NA	ND(0.000024) [ND(0.000031)]
1,2,3,6,7,8-HxCDF	NA	0.000013 I	0.0000088 I	NA	ND(0.000011) [ND(0.000022)]
1,2,3,7,8,9-HxCDF	NA	ND(0.0000077)	ND(0.0000064)	NA	ND(0.0000076) [ND(0.0000095)]
2,3,4,6,7,8-HxCDF	NA	0.0000096	ND(0.000031)	NA	ND(0.000020) [ND(0.000015)]
HxCDFs (total)	NA	0.00030	0.000084	NA	0.000014 J [0.000025 J]
1,2,3,4,6,7,8-HpCDF	NA	0.000041	0.000058	NA	0.000046 J [0.000069 J]
1,2,3,4,7,8,9-HpCDF	NA	0.000042 J	0.000014	NA	ND(0.0000081) [ND(0.0000093)]
HpCDFs (total)	NA	0.00010	0.00012	NA	0.000096 J [0.000014 J]
OCDF	NA	0.000058	0.00014	NA	ND(0.000066) [ND(0.000061)]

**TABLE 2
APPENDIX IX+3 DATA**

**SOIL SAMPLING DATA IN THE AREA WHERE THE EXISTING ABOVE-GRADE PIPELINE WILL BE BACKFILLED
HILL 78 AREA-REMAINDER
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Location ID: Sample ID: Sample Depth(Feet): Date Collected:	H78SE-3 H78SE-3 0-1 09/11/96	RAA9-K12 RAA9-K12 0-1 02/03/05	RAA9-K12 RAA9-K12 1-6 02/03/05	RAA9-K12 RAA9-K12 3-4 02/03/05	RAA9-K12E RAA9-K12E 0-1 01/25/05
Dioxins					
TCDDs (total)	NA	0.000023	ND(0.0000065)	NA	0.0000086 J [ND(0.0000075)]
1,2,3,7,8-PeCDD	NA	ND(0.000026)	ND(0.0000081)	NA	ND(0.000011) [ND(0.000014)]
PeCDDs (total)	NA	0.000046	ND(0.0000081)	NA	ND(0.000011) [ND(0.000014)]
1,2,3,4,7,8-HxCDD	NA	ND(0.000021)	ND(0.0000038)	NA	ND(0.0000081) [ND(0.000011)]
1,2,3,6,7,8-HxCDD	NA	0.000086	ND(0.0000057)	NA	ND(0.0000073) [ND(0.0000099)]
1,2,3,7,8,9-HxCDD	NA	0.000047 J	ND(0.000011)	NA	ND(0.0000076) [ND(0.000010)]
HxCDDs (total)	NA	0.000070	ND(0.000022)	NA	ND(0.000014) [ND(0.000017)]
1,2,3,4,6,7,8-HpCDD	NA	0.000047	0.000011	NA	0.000077 J [0.000070 J]
HpCDDs (total)	NA	0.000096	0.000021	NA	0.000014 J [0.000015 J]
OCDD	NA	0.00025	0.000075	NA	0.000093 J [0.000056 J]
Total TEQs (WHO TEFs)	NA	0.000013	0.000066	NA	0.000024 [0.000038]
Inorganics					
Aluminum	NA	NA	NA	NA	NA
Antimony	0.420 B [0.590 B]	ND(6.00)	ND(6.00)	NA	R [R]
Arsenic	2.30 [3.00]	3.80	2.70	NA	3.10 J [4.40 J]
Barium	26.3 [36.6]	30.0	48.0	NA	24.0 J [36.0 J]
Beryllium	0.180 B [0.280 B]	0.0880 B	0.260 B	NA	0.260 J [0.320 J]
Cadmium	0.290 B [0.400 B]	0.270 B	ND(0.500)	NA	0.910 J [1.10 J]
Calcium	NA	NA	NA	NA	NA
Chromium	13.1 [21.6]	6.70	11.0	NA	10.0 J [13.0 J]
Cobalt	5.40 [8.00]	5.10	6.60	NA	6.70 J [7.60 J]
Copper	31.4 [42.7]	20.0	14.0	NA	15.0 J [16.0 J]
Cyanide	NA	0.160	0.140	NA	0.220 J [0.270 J]
Iron	NA	NA	NA	NA	NA
Lead	43.8 [66.3]	93.0	11.0	NA	14.0 J [18.0 J]
Magnesium	NA	NA	NA	NA	NA
Manganese	NA	NA	NA	NA	NA
Mercury	ND(0.100) N [ND(0.230) N]	ND(0.13)	ND(0.14)	NA	0.0560 B [0.0630 B]
Nickel	11.8 [19.1]	11.0	12.0	NA	12.0 J [13.0 J]
Potassium	NA	NA	NA	NA	NA
Selenium	0.540 N [0.680 BN]	0.770 J	1.30 J	NA	R [1.20 J]
Silver	ND(0.0620) N [ND(0.140) N]	ND(1.00)	ND(1.00)	NA	R [R]
Sodium	NA	NA	NA	NA	NA
Sulfide	NA	8.40	8.60	NA	5.90 J [18.0 J]
Thallium	ND(0.330) [ND(0.710)]	ND(1.30)	ND(1.40)	NA	5.40 J [6.00 J]
Tin	2.20 B [3.10 B]	ND(10.0)	ND(10.0)	NA	R [R]
Vanadium	21.9 [32.4]	12.0	12.0	NA	21.0 J [24.0 J]
Zinc	217 [312]	76.0	66.0	NA	88.0 J [120 J]

**TABLE 2
APPENDIX IX+3 DATA**

**SOIL SAMPLING DATA IN THE AREA WHERE THE EXISTING ABOVE-GRADE PIPELINE WILL BE BACKFILLED
HILL 78 AREA-REMAINDER
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Location ID: Sample ID: Sample Depth(Feet): Date Collected:	S2 S2 0-0.9 09/11/96	SE-1 Hill 78SE1 0-1 05/10/91	SE-1 PHS1S 0-1 09/23/91	SE-2 Hill 78SE2 0-1 05/10/91	SE-2 PHS2S 0-1 09/23/91
Volatile Organics						
Acetone		ND(0.14)	0.033 B	NA	0.034 B	NA
Acetonitrile		0.026 JB	NA	NA	NA	NA
Chlorobenzene		0.0030 J	ND(0.0060)	NA	ND(0.0060)	NA
Methylene Chloride		0.017 JB	0.10 B	NA	0.045 B	NA
Toluene		ND(0.024)	ND(0.0060)	NA	ND(0.0060)	NA
Trichlorofluoromethane		0.0020 J	ND(0.0060)	NA	ND(0.0060)	NA
Semivolatile Organics						
1-Methylnaphthalene		0.23 J	0.16 J	NA	ND(24)	NA
2-Methylnaphthalene		0.26 J	0.065 J	NA	ND(24)	NA
Acenaphthene		1.5	0.31 J	NA	ND(24)	NA
Acenaphthylene		0.10 J	0.21 J	NA	2.6 J	NA
Anthracene		3.2 D	0.55	NA	2.9 J	NA
Benzo(a)anthracene		6.5 D	2.4	NA	14 J	NA
Benzo(a)pyrene		5.0 D	1.9	NA	14 J	NA
Benzo(b)fluoranthene		8.7 DX	4.0 X	NA	36 X	NA
Benzo(g,h,i)perylene		2.7 D	0.85	NA	13 J	NA
Benzo(k)fluoranthene		8.9 DX	4.0 X	NA	36 X	NA
Benzoic Acid		0.085 J	ND(4.1)	NA	ND(240)	NA
bis(2-Ethylhexyl)phthalate		0.13 J	0.25 J	NA	ND(24)	NA
Butylbenzylphthalate		ND(1.1)	0.056 J	NA	ND(24)	NA
Chrysene		6.4 D	2.5	NA	24 J	NA
Dibenzo(a,h)anthracene		0.27 J	0.40 J	NA	5.2 J	NA
Dibenzofuran		1.2	0.26 J	NA	ND(24)	NA
Diethylphthalate		ND(1.1)	ND(0.41)	NA	ND(24)	NA
Dimethylphthalate		0.72 J	ND(0.41)	NA	ND(24)	NA
Di-n-Octylphthalate		ND(0.75)	ND(0.41)	NA	ND(24)	NA
Fluoranthene		16 D	5.1	NA	38	NA
Fluorene		2.8 D	0.66	NA	4.0 J	NA
Indeno(1,2,3-cd)pyrene		2.1 D	0.78	NA	11 J	NA
Naphthalene		0.50 J	0.12 J	NA	ND(24)	NA
N-Nitrosopiperidine		ND(1.2)	ND(0.41)	NA	ND(24)	NA
Phenanthrene		16 D	5.3	NA	24 J	NA
Pyrene		15 D	4.0	NA	28	NA
Total Phenols		NA	NA	0.12 [0.18]	NA	ND(0.11)
Organochlorine Pesticides						
Alpha-BHC		NA	NA	ND(0.0012) [ND(0.0013)]	NA	0.0012
Delta-BHC		NA	NA	ND(0.0012) [0.027]	NA	ND(0.0011)
Endosulfan I		NA	NA	ND(0.0018) [0.11]	NA	ND(0.0017)
Organophosphate Pesticides						
None Detected		NA	NA	--	NA	--
Herbicides						
None Detected		NA	NA	--	NA	--
Furans						
2,3,7,8-TCDF		NA	NA	ND(0.000045) [ND(0.000061)]	NA	ND(0.000037)
TCDFs (total)		NA	NA	ND(0.000069) [ND(0.00012)]	NA	ND(0.000059)
1,2,3,7,8-PeCDF		NA	NA	NR [NR]	NA	NR
2,3,4,7,8-PeCDF		NA	NA	NR [NR]	NA	NR
PeCDFs (total)		NA	NA	ND(0.000033) [ND(0.00013)]	NA	ND(0.000036)
1,2,3,4,7,8-HxCDF		NA	NA	NR [NR]	NA	NR
1,2,3,6,7,8-HxCDF		NA	NA	NR [NR]	NA	NR
1,2,3,7,8,9-HxCDF		NA	NA	NR [NR]	NA	NR
2,3,4,6,7,8-HxCDF		NA	NA	NR [NR]	NA	NR
HxCDFs (total)		NA	NA	ND(0.000094) [ND(0.00011)]	NA	ND(0.000043)
1,2,3,4,6,7,8-HpCDF		NA	NA	NR [NR]	NA	NR
1,2,3,4,7,8,9-HpCDF		NA	NA	NR [NR]	NA	NR
HpCDFs (total)		NA	NA	ND(0.000054) [ND(0.000073)]	NA	ND(0.000047)
OCDF		NA	NA	ND(0.00011) [ND(0.00011)]	NA	ND(0.000070)

**TABLE 2
APPENDIX IX+3 DATA**

**SOIL SAMPLING DATA IN THE AREA WHERE THE EXISTING ABOVE-GRADE PIPELINE WILL BE BACKFILLED
HILL 78 AREA-REMAINDER
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Location ID: Sample ID: Sample Depth(Feet): Date Collected:	S2 S2 0-0.9 09/11/96	SE-1 Hill 78SE1 0-1 05/10/91	SE-1 PHS1S 0-1 09/23/91	SE-2 Hill 78SE2 0-1 05/10/91	SE-2 PHS2S 0-1 09/23/91
Dioxins						
TCDDs (total)		NA	NA	ND(0.000051) [ND(0.000049)]	NA	ND(0.000061)
1,2,3,7,8-PeCDD		NA	NA	NR [NR]	NA	NR
PeCDDs (total)		NA	NA	ND(0.000047) [ND(0.000053)]	NA	ND(0.000055)
1,2,3,4,7,8-HxCDD		NA	NA	NR [NR]	NA	NR
1,2,3,6,7,8-HxCDD		NA	NA	NR [NR]	NA	NR
1,2,3,7,8,9-HxCDD		NA	NA	NR [NR]	NA	NR
HxCDDs (total)		NA	NA	ND(0.000059) [ND(0.000069)]	NA	ND(0.000062)
1,2,3,4,6,7,8-HpCDD		NA	NA	NR [NR]	NA	NR
HpCDDs (total)		NA	NA	ND(0.000057) [ND(0.000073)]	NA	ND(0.000070)
OCDD		NA	NA	ND(0.000093) [ND(0.00011)]	NA	ND(0.000065)
Total TEQs (WHO TEFs)		NA	NA	NC [NC]	NA	NC
Inorganics						
Aluminum		NA	NA	6660 * [5330 *]	NA	7180 *
Antimony		0.410 B	NA	ND(3.80) N [ND(4.20) N]	NA	ND(3.60) N
Arsenic		4.90	NA	4.90 [1.40]	NA	5.50 A
Barium		36.2	NA	13.3 B [20.7 B]	NA	22.8
Beryllium		0.300 B	NA	0.150 B [0.270 B]	NA	0.220 B
Cadmium		ND(0.0790)	NA	ND(0.470) [ND(0.500)]	NA	ND(0.440)
Calcium		NA	NA	9300 E [14200 E]	NA	8680 E
Chromium		10.0	NA	21.5 N* [8.00 N*]	NA	9.10 N*
Cobalt		8.30	NA	6.90 [11.0]	NA	10.9
Copper		23.5	NA	20.5 [22.2]	NA	77.2
Cyanide		NA	NA	ND(0.590) [ND(0.640)]	NA	ND(0.560)
Iron		NA	NA	23300 E [21900 E]	NA	24400 E
Lead		25.1	NA	124 N* [76.1 N*]	NA	37.1 N*
Magnesium		NA	NA	6250 E* [7830 E*]	NA	4860 E*
Manganese		NA	NA	345 NE* [356 NE*]	NA	423 NE*
Mercury		ND(0.250) N	NA	ND(0.110) N [ND(0.130) N]	NA	ND(0.100) N
Nickel		20.2	NA	12.7 [16.7]	NA	15.5
Potassium		NA	NA	267 B [297 B]	NA	0.451 B
Selenium		0.760 BN	NA	ND(0.940) N [ND(0.500) N]	NA	ND(0.880) N
Silver		ND(0.140) N	NA	ND(0.580) N [ND(0.630) N]	NA	ND(0.550) N
Sodium		NA	NA	82.3 B [78.2 B]	NA	92.6 B
Sulfide		NA	NA	ND(11.8) [ND(12.8)]	NA	ND(11.2)
Thallium		ND(0.770)	NA	ND(0.240) N [ND(0.250) N]	NA	ND(0.220) N
Tin		2.60 B	NA	NA	NA	NA
Vanadium		23.6	NA	14.8 [16.3]	NA	15.9
Zinc		96.6	NA	90.0 E [105 E]	NA	109 E

**TABLE 2
APPENDIX IX+3 DATA**

**SOIL SAMPLING DATA IN THE AREA WHERE THE EXISTING ABOVE-GRADE PIPELINE WILL BE BACKFILLED
HILL 78 AREA-REMAINDER
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Notes:

1. Samples were collected by ARCADIS BBL, and submitted to CompuChem Environmental Corporation, IT Analytical Services and SGS Environmental Services, Inc. for Appendix IX+3 constituents.
2. Samples have been validated as per GE's EPA-approved FSP, General Electric Company, Pittsfield, Massachusetts, ARCADIS BBL.
3. NA - Not Analyzed - Laboratory did not report results for this analyte.
4. NC - Not Calculated - Insufficient data to calculate TEQ.
5. ND - Analyte was not detected. The number in parenthesis is the associated detection limit.
6. Field duplicate sample results are presented in brackets.
7. Only those constituents detected in one or more samples are summarized.

Data Qualifiers:

Organics (volatiles, PCBs, semivolatiles, dioxin/furans)

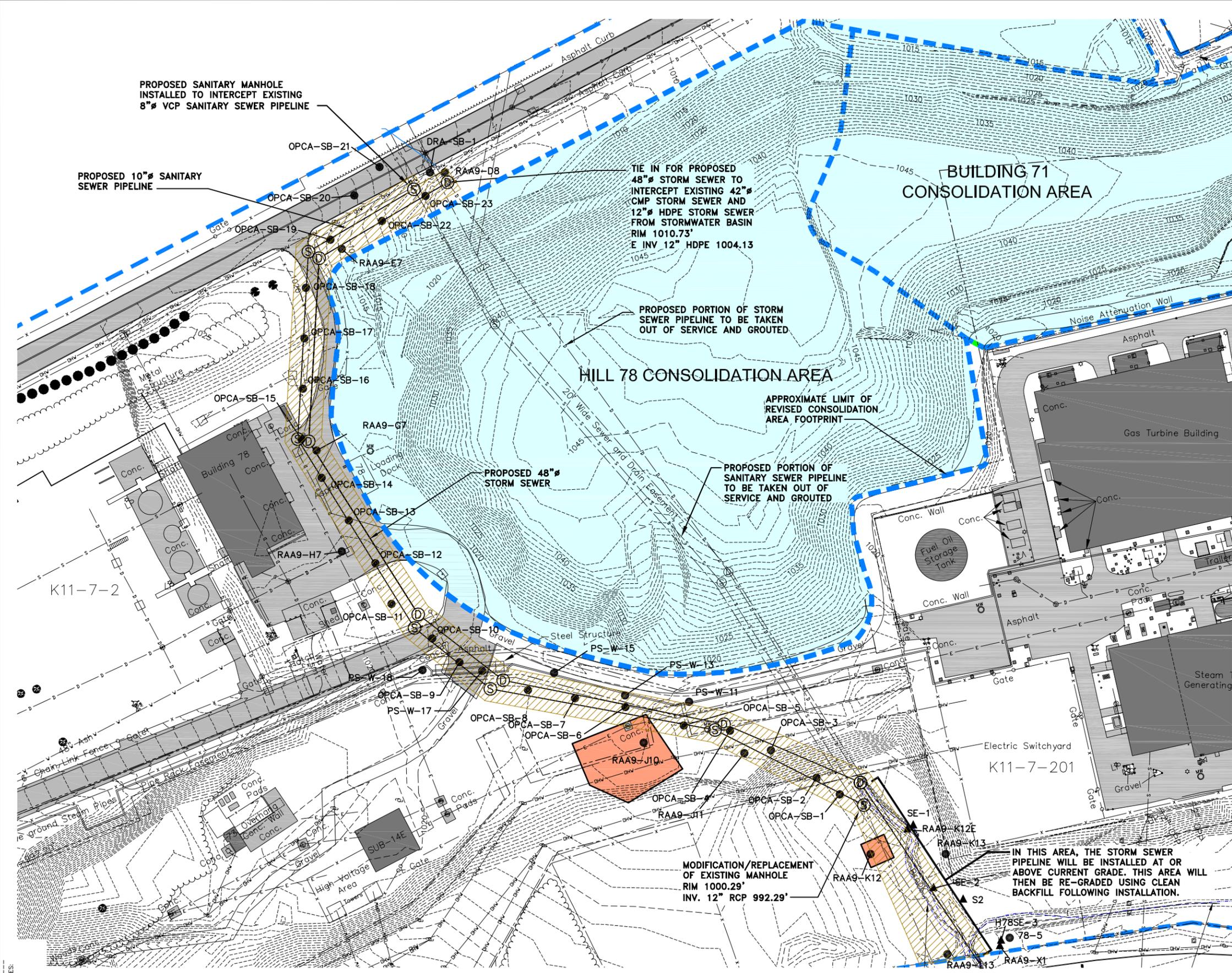
- B - Analyte was also detected in the associated method blank.
- D - Compound quantitated using a secondary dilution.
- I - Polychlorinated Diphenyl Ether (PCDPE) Interference.
- J - Indicates that the associated numerical value is an estimated concentration.
- R - Data was rejected due to a deficiency in the data generation process.
- X - Estimated maximum possible concentration.
- Y - 2,3,7,8-TCDF results have been confirmed on a DB-225 column.

Inorganics

- A - Results produced from single point method of standard addition calculation employing the analytical responses of both spiked and unspiked samples.
- B - Indicates an estimated value between the instrument detection limit (IDL) and (PQL).
- E - Serial dilution results not within 10%. Applicable only if analyte concentration is at least 50X the IDL in original sample.
- J - Indicates that the associated numerical value is an estimated concentration.
- N - Indicates sample matrix spike analysis was outside control limits.
- * - Indicates laboratory duplicate analysis was outside control limits.
- R - Data was rejected due to a deficiency in the data generation process.

Figure

SYR-R5-PCB DWG LAF LAYER: ON=*, OFF=*REF*, X01(CRIB), (SPPL), (UTIL) BAND
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 PENTABLE.PLT, FULL CTB, PRINTED: 10/5/2007 12:49 PM, BY: LFORAKER
 PROJECT NAME: IMAGES:
 20989001
 20989002

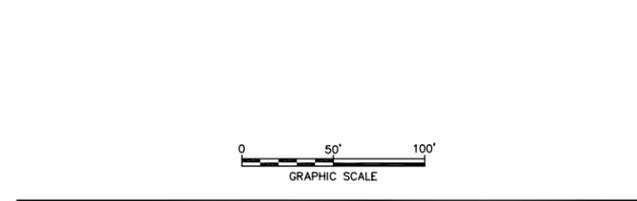


LEGEND:

- K11-7-2 PROPERTY ID
- APPROXIMATE SITE BOUNDARY
- HILL 78 AND BUILDING 71 CONSOLIDATION AREAS (NOT PART OF HILL 78 AREA- REMAINDER RAA)
- PROPERTY LINE
- EASEMENT LINE
- FENCE LINE
- EDGE OF SWALE
- INDEX ELEVATION CONTOUR LINE
- INTERMEDIATE ELEVATION CONTOUR LINE
- EDGE OF WOODS
- LIGHT POLE
- UTILITY POLE
- BUSH/TREE/SHRUB
- GAS MARKER
- MANHOLE
- SANITARY MANHOLE
- CATCH BASIN
- DRAIN MANHOLE
- ELECTRIC MANHOLE
- WATER VALVE
- FIRE HYDRANT
- PROPOSED SANITARY MANHOLE
- PROPOSED DRAIN MANHOLE
- OHW --- OHW --- OVERHEAD WIRE
- D --- D --- STORM SEWER (DRAINAGE) LINE
- E --- E --- UNDERGROUND ELECTRIC LINE
- S --- S --- SANITARY LINE
- W --- W --- WATER LINE
- G --- G --- GAS LINE
- GE-OWNED PAVED AREA
- BUILDING/STRUCTURE
- APPROXIMATE LOCATION OF 25-FOOT UTILITY CORRIDOR CENTERED ON EACH PROPOSED UTILITY (12.5 FEET WIDE ON EACH SIDE OF UTILITY, EXCEPT WHERE THE BOUNDARY FOR THE HILL 78 OPCA IS WITHIN 12.5 FEET)
- 1-FOOT REMOVAL
- RAA9-J11 EXISTING PCB SOIL BORING LOCATION AND ID
- ▲ SE-2 EXISTING PCB SURFACE SAMPLE LOCATION AND ID

NOTE:

- MAPPING BASED ON ELECTRONIC FILE (S2149W01.DWG) OF SURVEY BY FORESIGHT LAND SERVICES, DATED 3/16/06. UTILITY LOCATIONS BASED ON AVAILABLE RECORD DATA AND VISIBLE FIELD EVIDENCE AND ARE NOT REPRESENTED AS BEING EXACT OR COMPLETE.

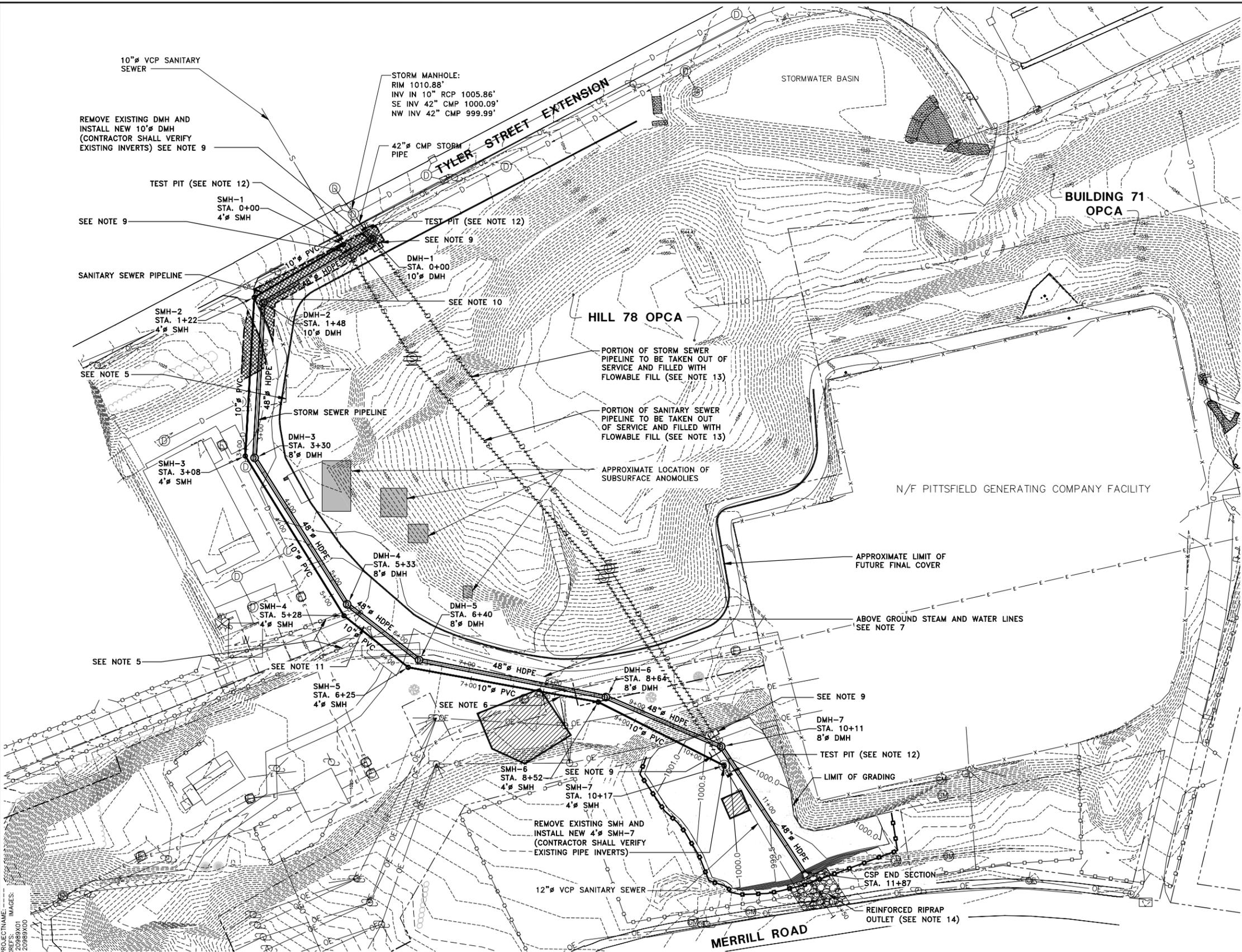


GENERAL ELECTRIC COMPANY
 PITTSFIELD, MASSACHUSETTS
ADDENDUM TO SS/ED REPORT
EXISTING SOIL BORING
LOCATIONS AND PROPOSED
SEWER RE-ROUTING

Attachment A

Technical Drawing 2

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 PROJECT NAME: IMAGES:
 20989001
 20989000



LEGEND:

APPROXIMATE AREA OF SURFACE SOILS (0-1 FEET) TO BE REMOVED, LOADED INTO TRANSPORT VEHICLE (BY CONTRACTOR), AND TRANSPORTED AND DISPOSED OFFSITE (BY GE) PRIOR TO INITIATION OF SEWER RE-ROUTING PROJECT. (REFER TO RFP FOR ADDITIONAL INFORMATION)

APPROXIMATE AREA OF TREE CLEARING ACTIVITIES

NOTES:

- BASE MAP INFORMATION SHOWN ON THIS DRAWING WAS DEVELOPED FROM FIELD SURVEY DATA OBTAINED BY BLASLAND, BOUCK & LEE, INC. ON 2/10/99; AS-BUILT FIELD SURVEY OBTAINED BY MAXYMILLIAN TECHNOLOGIES AND PREPARED BY HILL ENGINEERS, ARCHITECTS, & PLANNERS, INC. ON 1/19/00 (CADD FILE NO. MX-36-2.DWG); FIELD SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS, & PLANNERS, INC. ON 3/8/00 AND 3/14/00 (CADD FILE NO. SRV-4541.DWG) REVISION A; FIELD SURVEY OF THE BUILDING 71 OPCA, ADJACENT AREA TO THE WEST, AND THE STORMWATER BASIN TO THE NORTHWEST OBTAINED BY SK DESIGN GROUP, INC. ON 12/8/00 (PROJECT NO. 000156); FIELD SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS, & PLANNERS, INC. ON 12/27/01; AS-BUILT FIELD SURVEY OBTAINED BY D.R. BILLINGS AND PREPARED BY SK DESIGN GROUP, INC. ON 11/25/03 AND 1/7/04 (PROJECT NO. 020085-LDD); BUILDING 71, OPCA TOP OF LINER AND LEACHATE COLLECTION SYSTEM PLAN BY BLASLAND, BOUCK & LEE DATED MARCH 2002; AND FIELD SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS & PLANNERS, INC. IN JANUARY 2005. CERTAIN FEATURES SHOWN MAY BE APPROXIMATE SINCE SNOW AND ICE ACCUMULATIONS WERE PRESENT AT THE TIME OF CERTAIN SURVEYS.
- ELEVATIONS SHOWN ARE REFERENCED TO NATIONAL GEODETIC VERTICAL DATUM (NGVD 1929).
- HORIZONTAL DATUM IS REFERENCED TO THE MASSACHUSETTS STATE PLANE COORDINATE SYSTEM (NAD 1927).
- CONTOUR INTERVAL EQUALS 1 FOOT.
- REPLACE ALL EXISTING FENCE(S)/GATE(S) REMOVED WHERE NECESSARY FOR INSTALLATION OF PIPELINES. REMOVED FENCE/GATE MATERIALS SHALL BE RE-USED TO EXTEND PRACTICABLE.
- RESET GUY ANCHORS IN ACCORDANCE WITH UTILITY OWNERS REQUIREMENTS.
- SUPPORT EXISTING STEAM AND WATER LINES AS REQUIRED TO PREVENT DISLOCATION OR MOVEMENT.
- REPLACE EXISTING SEWER PIPELINES AND ANY EXISTING STRUCTURES IMPACTED BY WORK OF THIS PROJECT.
- DISCONNECT, BULKHEAD, AND FILL WITH FLOWABLE FILL EXISTING DOWN GRADIENT PIPELINE AT NEW MANHOLE. BULKHEAD WITH BRICK AND MORTAR MASONRY MATERIAL.
- CONTRACTOR TO CLEAR EXISTING VEGETATION AS REQUIRED BY WORK OF THIS PROJECT. SEE SPECIFICATION SECTION 02800 FOR RESTORATION REQUIREMENTS. ALL VEGETATION CLEARING TO BE APPROVED BY GE PRIOR TO COMMENCING WITH CLEARING ACTIVITIES.
- CONTRACTOR SHALL TEMPORARILY RELOCATE FENCE, GATE, TELEPHONE AND SECURITY SYSTEMS, ETC. AS NECESSARY TO INSTALL PIPES. SYSTEMS SHALL BE RETURNED TO ORIGINAL LOCATION AND CONDITION FOLLOWING CONSTRUCTION.
- EXCAVATE TEST PIT AS REQUIRED TO VERIFY LOCATION AND DEPTH OF EXISTING PIPELINES.
- FLUSH EXISTING PIPELINE PRIOR TO DISCONNECTING AND FILLING WITH FLOWABLE FILL IN ACCORDANCE WITH SPECIFICATION SECTION 02399.
- REINFORCED RIPRAP OUTLET TO CONSIST OF RENO MATTRESS AND/OR GABION BASKETS FILLED WITH BROKEN STONE RIPRAP. LOOSE RIPRAP TO BE PLACED AT SELECT LOCATIONS (E.G. ADJACENT DITCH TRIBUTARIES) FOR ADDITIONAL STABILIZATION.
- BASEMAP CONDITIONS SHOWN ON THESE DRAWINGS MAY NOT REPRESENT CURRENT CONDITIONS. CONTRACTOR TO FAMILIARIZE THEMSELVES WITH CURRENT SITE CONDITIONS PRIOR TO COMMENCING WITH PROJECT WORK.

ORIGINAL SCALE APPLIES TO 22"x34" DRAWING

1"=60'

THIS DRAWING WAS PREPARED AT THE SCALE(S) INDICATED. INACCURACIES IN THE STATED SCALE(S) MAY BE INTRODUCED WHEN DRAWINGS ARE REPRODUCED. USE THE GRAPHIC SCALE BAR(S) TO DETERMINE THE ACTUAL SCALE(S) OF THIS DRAWING.

No.	Date	Revisions	Init

Professional Engineer's Name		
Professional Engineer's No.		
State	Date Signed	
Project Mgr.	Designed by	Drawn by
MMP	DFG	KMD

ARCADIS BBL
Infrastructure, environment, facilities

GENERAL ELECTRIC COMPANY • PITTSFIELD, MASSACHUSETTS
SANITARY AND STORM SEWER PIPELINE RELOCATION PROJECT

SITE PLAN

ARCADIS Project No. 209.89	2
Date JULY 2007	
ARCADIS of New York, Inc. 6723 Towpath Road Syracuse, NY 13214 315-446-9120	

NOT FOR CONSTRUCTION