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

Transmitted Via Overnight Courier

June 28, 2004

Mr. William Lovely (MC HBO)
USEPA – New England
One Congress Street, Suite 1100
Boston, Massachusetts 02114-2023

Re: GE-Pittsfield/Housatonic River Site
Former Oxbow Areas J and K (GECD420)
Supplemental Pre-Design Investigation Report and Additional Sampling Proposal

Dear Mr. Lovely:

In July 2003, the General Electric Company (GE) submitted to the U.S. Environmental Protection Agency (EPA) a document titled *Pre-Design Investigation Report for the Former Oxbow Areas J and K Removal Action* (PDI Report). That document presented the results of the soil investigations performed by GE to satisfy the requirements for pre-design investigations for this Removal Action Area (RAA) and to support future Removal Design/Removal Action (RD/RA) activities concerning the presence of PCBs and other constituents listed in Appendix IX+3 of 40 CFR 264, plus benzidine, 2-chloroethyl vinyl ether, and 1,2-diphenylhydrazine (Appendix IX+3) in site soils. In a letter dated September 29, 2003, EPA provided conditional approval of the PDI Report (including GE's proposed activities), and directed GE to evaluate several potential data needs identified by EPA and to propose additional investigations to address those data needs.

In a letter dated January 28, 2004, GE proposed additional data collection activities based on: 1) agreement with EPA regarding the appropriate recreational averaging areas within the RAA; 2) review of the potential data needs identified by EPA in its approval of the PDI Report; and 3) the results of preliminary RD/RA evaluations performed by GE. EPA provided conditional approval of this proposal by letter dated March 29, 2004.

This letter addresses the following items related to the Former Oxbow Areas J and K RAA:

- The results of the supplemental pre-design soil investigations, including a data quality review and validation of the new PCB and Appendix IX+3 data;
- An update on certain matters relating to evaluation areas and Grants of Environmental Restrictions and Easements (EREs);
- An assessment of the need for any additional PCB or Appendix IX+3 soil data to support future RD/RA evaluations, and a proposal for additional investigations; and
- A proposed schedule for additional data collection activities and submittal of the Conceptual RD/RA Work Plan.

I. Supplemental Pre-Design Soil Investigations

Supplemental pre-design investigations for Former Oxbow Areas J and K involved the collection and analysis of 88 soil samples from 30 locations. Figure 1 identifies the sampling locations, and Table 1 identifies, for each sample, the sample location, the analyses performed, and the rationale for collecting the sample. Soil samples were collected on behalf of GE by Blasland, Bouck, & Lee, Inc. (BBL) between May 3, 2004 and May 5, 2004, while analytical services were provided by CT&E Environmental Services, Inc. All field and analytical activities were performed in accordance with GE's approved *Field Sampling Plan/Quality Assurance Plan* (FSP/QAPP). Soil boring logs for the supplemental pre-design investigations are presented in Attachment A to this document. PCB results were reported on a dry-weight basis, with a detection limit of approximately 0.05 parts per million (ppm) for all Aroclors. Soil samples collected for other Appendix IX+3 constituents (excluding pesticides and herbicides), were analyzed using methods and reporting limits consistent with those presented in the FSP/QAPP. The analytical results for the supplemental samples for PCBs and Appendix IX+3 constituents are provided in Tables 2 and 3, respectively. Table 3 presents Appendix IX+3 results for only those constituents that were detected in one or more samples. A complete listing of the (non-PCB) Appendix IX+3 results is included in Attachment B. All of the supplemental pre-design sample locations, as well as existing pre-design sample locations where supplemental samples were collected for the purpose of additional delineation, are shown on Figure 1. Figure 2 shows all the locations of the pre-design samples, including the supplemental samples, collected for PCB analysis. The locations of the pre-design samples, including the supplemental samples, collected for analysis of other Appendix IX+3 constituents are shown on Figures 3 through 7 for the various depth increments.

With a few exceptions (discussed below), the supplemental sampling activities were performed consistent with the proposals identified by GE and approved by EPA. The exceptions consisted of: (1) cases where certain samples from deeper soil increments could not be collected due to drilling refusal caused by the presence of subsurface obstructions (e.g., concrete/fill); and (2) cases where a sample location was offset due to surface terrain. In the cases of refusal, at least three attempts were made to penetrate the obstructions, using a tractor- and truck-mounted drill rig and hollow-stem augers, at the same and nearby locations. EPA field representatives were either present at the time of these refusals or informed of these conditions. The locations and depths where refusal or offset occurred are summarized below.

- At soil boring RAA15-C5, after several attempts to drill beyond a subsurface obstruction, refusal was encountered at 5 feet below the ground surface (bgs). Therefore, a sample could not be collected from the 10- to 15-foot depth increment for Appendix IX+3 analyses.

- After several attempts to drill beyond a subsurface obstruction at soil boring RAA15-C11E, refusal was encountered at 7 feet bgs. Therefore, a sample could not be collected from the 10- to 15-foot depth increment for Appendix IX+3 analyses.

- At soil boring YB-1, after several attempts to drill beyond a subsurface obstruction, refusal was encountered at 3 feet bgs. Therefore, a sample could not be collected from the 10- to 15-foot depth increment for Appendix IX+3 analyses.

- Due to the presence of concrete fill and rock in at the RAA15-E7 grid node, it was necessary to offset the boring at this location approximately 20 feet to the southeast to allow sample collection at the 1- to 3-foot depth increment. The 1- to 3-foot sample collected at this location is designated RAA15-E7(B).

- The presence of surface water, concrete fill, and rock in the steep ravine at the proposed locations for supplemental samples RAA15-7NW and RAA15-7SW (0- to 1-foot depth increment) prevented the collection of surface soil samples at these locations and thus required movement of the sample locations 5 feet and 10 feet east, respectively.

- Dense trees and vegetation prevented access to the proposed locations for supplemental borings RAA15-E15N (0- to 1-foot, 1- to 3-foot, 3- to 6-foot, and 6- to 10-foot depth increments) and RAA15-E15W (0- to 1-foot, 1- to 3-foot, and 3- to 6-foot, and 10- to 15-foot depth increments). These locations were moved approximately 15 feet northeast and 15 feet northwest, respectively, to the edge of the trees.

None of the exceptions identified above significantly affects the overall intended use of the proposed samples.

The supplemental pre-design soil data have undergone data quality review and validation in accordance with Section 7.5 of the FSP/QAPP. The results of this assessment are summarized in a data validation summary report presented in Attachment C. As indicated in that report, 99.9% of the supplemental pre-design data are considered to be usable, which is greater than the minimum required usability of 90% specified in the FSP/QAPP.

II. Update on Evaluation Areas and EREs

In accordance with GE's January 28, 2004 letter, this section provides an update on two matters discussed in Section 1 of that letter, which affect the RD/RA evaluations for this RAA.

1. As described in Section 1.1 of GE's January 28, 2004 letter, some of the boundaries reflected in the legal title to certain properties within this RAA, particularly the properties in Former Oxbow Area K that abut the Housatonic River, differ somewhat from the current property configurations and uses by the owners, which were shown on Figure 1 of that letter. GE conducted the preliminary evaluations described in that letter, and proposed to conduct future RD/RA evaluations, based on the current property configurations, which reflect current usage by the owners. EPA approved that proposal through its March 29, 2004 conditional approval letter. As a result, GE has continued and will continue to conduct the RD/RA evaluations at this RAA based on current property configurations. Those current configurations and the corresponding parcel numbers (which may not match the title information in some respects) are shown on the figures attached to this letter.

2. Section 1.3 of GE's January 28, 2004 letter provided a status report on GE's efforts to obtain EREs from the owners of non-residential properties within Former Oxbow Areas J and K. The only updates to that information are as follows:

    - The owner of Parcel K10-11-5 has confirmed his decision to execute an ERE on that property.
    - On March 19, 2004, GE wrote a follow-up letter to the owner of Parcel K10-10-4 reiterating its request for a decision regarding an ERE and stating that if GE did not receive a response by March 31, 2004, GE would assume and advise EPA that a Conditional Solution will be implemented at her property. GE received no response to that letter.

Based on this information and the information provided in Section 1.3 of GE's January 28, 2004 letter, GE has evaluated and will continue to evaluate the non-residential properties at this RAA on the assumption that an ERE will be executed for Parcel K10-11-5 and that Conditional Solutions will be implemented at all other non-residential properties at the RAA.

III. Remaining RD/RA Data Needs and Proposed Activities

GE has performed preliminary evaluations of the available site information, including the supplemental sampling results, to identify specific areas within this RAA where remediation will likely be needed to achieve the applicable Performance Standards. These preliminary evaluations have been performed to determine whether additional supplemental sampling is needed to support future RA/RA evaluations.

In its January 28, 2004 letter, GE described its approach for conducting these preliminary RD/RA evaluations, and identified certain areas (and related sampling data) where existing conditions do not meet the applicable Performance Standards established in the CD and SOW. In that letter, GE proposed supplemental data collection to address these data needs, including samples proposed to delineate areas where remediation will likely be needed (Table 1).

The results of the supplemental soil sampling at this RAA have been incorporated into the preliminary RD/RA evaluations described in GE's January 28, 2004 letter, to determine whether the supplemental sampling data are sufficient to address data needs and thus to support future RD/RA activities. Based on these updated preliminary evaluations, GE has determined that the supplemental data satisfy the data needs that they were intended to address, with the exception of certain locations within Recreational Area R2, as described below.

As described in GE's January 28, 2004 letter, preliminary RD/RA evaluations performed for Recreational Area R2 indicated that existing concentrations of polycyclic aromatic hydrocarbons (PAHs) at that area will likely not achieve the applicable Performance Standards, due primarily to elevated PAH concentrations in the 0- to 1-foot soil sample from location RAA15-E7 and in the 1- to 3-foot soil sample from location RAA15-E8. As a result, as shown in Table 1, GE collected supplemental soil samples from the 0- to 1-foot depth increment at locations around RAA15-E7 (see Figure 3) and from the 1- to 3-foot depth increment at RAA15-E7(B) and at locations around RAA15-E8 (see Figure 4).

GE's preliminary data evaluations indicate that the delineation samples collected from the 0- to 1-foot depth increment around RAA15-E7 are sufficient to determine that removal of the soil associated with the 0- to 1-foot sample from RAA15-E7 will result in achievement of the applicable Performance Standards for non-PCB Appendix IX+3 constituents in that depth increment. As such, these delineation samples can be used in determining the boundaries of that soil removal. However, as discussed below, given the steep topography to the west of RAA15-E7, GE is proposing to collect an additional sample on the west side of the ravine to confirm that the elevated PAH concentrations found at RAA15-E7 are not also present on the other side of the ravine.

With respect to the delineation samples collected from the 1- to 3-foot depth increment, the supplemental sampling results indicate that PAH concentrations in the 1- to 3-foot samples from locations RAA15-E7(B), RAA15-8NE, RAA15-E8SW, and RAA15-E8NW remain elevated and that thus these samples do not provide the necessary delineation (see Table 3). Accordingly, GE proposes to conduct further supplemental sampling in the 1- to 3-foot depth increment around the area that contains those four sample locations in an effort to delineate the overall extent of elevated PAHs at this depth in this area. Specifically, GE proposes to collect additional supplemental samples from the 1- to 3-foot depth at the following locations, as shown on Figure 4: 20 feet east of RAA15-E8NE (designated as RAA15-

E8NEE), 20 feet northeast of RAA15-E8NW (designated RAA15-E8NWNE), 40 feet west of RAA15-E8NW (designated RAA15-E8NWW), and 40 feet southeast of RAA15-E7(B) (designated RAA15-E7(B)SE). Each of these samples will be submitted for analysis of SVOCs.

In addition to these samples, given the fact that sample locations RAA15-E7 (0-1') and RAA15-E7(B) (1-3') contain elevated levels of PAHs and are located on the east bank of a ravine through which an intermittent stream flows, GE proposes to conduct additional supplemental samples on the west side of the ravine. Specifically, GE proposes to collect samples from the 0- to 1-foot and 1- to 3-foot depth increments at a location on the west side of the ravine across from locations RAA15-E7 and RAA15-E7(B) and at approximately the same elevation as boring RAA15-E7(B). This location, designated RAA15-E7W, is shown on Figures 3 and 4. The samples from this location will be submitted for analysis of SVOCs. The purpose of these samples is to confirm that the elevated PAH concentrations found in the samples from RAA15-E7 and -E7(B) are not present on the west bank. Thus, if the results from these additional samples do not show elevated PAH concentrations that would require removal, GE will use the other delineation samples from around RAA15-E7 and -E7(B) to determine the boundaries of the soil removal associated with those locations.

At this same recreational area, GE collected a supplemental sample for SVOC analysis from the 0- to 1-foot depth increment at location RAA16-C6 due to the high detection limits for non-detect results in a prior sample collected from this location and depth (see Table 1). The SVOC analysis of this new 0- to 1-foot sample achieved much lower detection limits and does not show any elevated SVOC levels (see Table 3). In this situation, GE proposes to use the new SVOC results from the 0- to 1-foot depth increment at location RAA15-C6 as a replacement for the prior SVOC results from that same location/depth in the RD/RA evaluations of Recreational Area R2, since the elevated detection limits in the prior sample appear to have been anomalous.

Except for the area described above at Recreational Area R2, the preliminary data evaluations do not indicate other Appendix IX+3 data needs at this time. Further, these evaluations indicate that the pre-design data for PCBs, with supplemental samples included, are sufficient for site characterization and RD/RA purposes. If additional data needs are identified based on review of the results of the additional supplemental sampling proposed herein or otherwise during development of the Conceptual RD/RA Work Plan, GE will propose the appropriate supplemental sampling to satisfy those data needs, as discussed in Section IV below.

IV. Proposed Schedule

GE proposes to perform the additional supplemental sampling described in this letter and to submit a brief letter report thereon within three months of EPA's approval of this Supplemental PDI Report, subject to GE's obtaining any needed access agreements. In addition to reporting the results of the additional supplemental sampling, that letter will identify whether there are any further data needs stemming from review of those results or from more detailed RD/RA evaluations, and will, if necessary, propose additional sampling to satisfy those data needs. If no significant additional data needs are identified, GE will submit the Conceptual RD/RA Work Plan for this RAA within two months from EPA's approval of that letter report.

Please call Dick Gates or me if you have any questions or comments regarding this letter.

Sincerely,

Andrew T. Silfer /DAS

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

Attachments
V:\GE_Pittsfield_CD_Former_Oxbow_Areas_J_and_K\Reports and Presentations\Supplemental PDF\574199LtrRpt.doc

cc: Dean Tagliaferro, EPA
Tim Conway, EPA
Holly Inglis, EPA
Rose Howell, EPA (compact disk)
Dawn Jamros, Weston (hard copy/compact disk, additional disk with data tables, extra copy of oversized figures)
K.C. Mitkevicius, USACE
Susan Steenstrup, MDEP (2 copies)
Anna Symington, MDEP*
Robert Bell, MDEP*
Thomas Angus, MDEP*
Nancy E. Harper, MA AG*
Dale Young, MA EOEA*
Mayor James Ruberto, City of Pittsfield
Pittsfield Department of Health
Teresa Bowers, Gradient
Jeffrey Bernstein, Esq., Bernstein, Cushner & Kimmell, P.C.
Michael Carroll, GE*
Rod McLaren, GE
Richard Gates, GE
James Nuss, BBL
James Bieke, Shea & Gardner
Property Owner - Parcel K10-10-3
Property Owner - Parcel K10-10-4
Property Owner - Parcel K10-10-5/6
Property Owner - Parcel K10-10-33
Property Owner - Parcel K10-11-1
Property Owner - Parcel K10-11-2
Anthony Doyle, Esq.
Property Owner - Parcel K10-11-3
Property Owner - Parcel K10-11-5
Emil George, Esq., George, DeGregorio, Massimiano & McCarthy
Property Owner - Parcel K10-12-1
Property Owner - Parcel K10-13-1
Public Information Repositories
GE Internal Repository

* *without attachments*

Tables

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

TABLE 1
SUMMARY OF SUPPLEMENTAL SAMPLING LOCATIONS

SUPPLEMENTAL PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS J AND K REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Parcel ID	Nearest Grid Node	Sample ID	Sample Depth (ft)	Analysis						Rationale
				PCBs	VOCs	SVOCs	Inorganics	Lead and Antimony	PCDD/PCDF	
K10-11-1	E5	RAA15-E5NE	0-1	--	--	X	--	--	--	Delineation for SVOCs surrounding RAA15-E5 (0- to 1-foot) at commercial area in Parcel K10-11-1.
		RAA15-E5NW	0-1	--	--	X	--	--	--	
		RAA15-E5SE	0-1	--	--	X	--	--	--	
		RAA15-E5SW	0-1	--	--	X	--	--	--	
		RAA15-E5	1-3	--	--	X	--	--	--	Vertical delineation for SVOCs below RAA15-E5 (0- to 1-foot).
K10-11-2	C11	RAA15-C11	3-6	--	--	X	--	--	--	Vertical delineation for SVOCs below RAA15-C11 (1- to 3-foot).
	C11	RAA15-C11NW	1-3	--	--	X	--	--	--	Delineation for SVOCs surrounding RAA15-C11 (1- to 3-foot) at commercial area in Parcel K10-11-2.
		RAA15-C11E	1-3	--	--	X	--	--	--	
		RAA15-C11NE	1-3	--	--	X	--	--	--	
K10-11-3	A19	RAA15-A19SW	0-1	--	X	X	X	--	X	Provide additional PCB and Appendix IX+3 samples at commercial area in Parcel K10-11-3.
			1-3	X	X	X	X	--	X	
			3-6	X	--	--	--	--	--	
			6-10	X	X	X	X	--	X	
			10-15	X	--	--	--	--	--	
	A19	RAA15-A19NE	1-3	--	--	X	--	--	--	Delineation for SVOCs surrounding RAA15-A19 (1- to 3-foot) at commercial area in Parcel K10-11-3. Note that RAA15-A19SW (1- to 3-foot) is proposed above for Appendix IX+3.
		RAA15-A19NW	1-3	--	--	X	--	--	--	
		RAA15-A19SE	1-3	--	--	X	--	--	--	
	A19	RAA15-A19NE	3-6	--	--	X	--	--	--	Delineation for SVOCs surrounding RAA15-A19 (3- to 6-foot) at commercial area in Parcel K10-11-3.
		RAA15-A19NW	3-6	--	--	X	--	--	--	
		RAA15-A19SE	3-6	--	--	X	--	--	--	
		RAA15-A19SW	3-6	--	--	X	--	--	--	
K10-13-1	E2	RAA15-E2NE	1-3	--	--	--	--	X	--	Delineation of lead and antimony surrounding RAA15-E2 (1- to 3-foot) at commercial area in Parcel K10-13-1.
		RAA15-E2NW	1-3	--	--	--	--	X	--	
		RAA15-E2SE	1-3	--	--	--	--	X	--	
		RAA15-E2SW	1-3	--	--	--	--	X	--	
R2	C6	RAA15-C6	0-1	--	--	X	--	--	--	Elevated detection limits in this sample leading to exceedances of Method 1 standards and PRBC at recreational area R2.
			6-10	--	X	X	X	--	X	
	E7	RAA15-E7NE	0-1	--	--	X	--	--	--	Delineation for SVOCs surrounding RAA15-E7 (0- to 1-foot) at recreational area R2.
		RAA15-E7NW	0-1	--	--	X	--	--	--	
		RAA15-E7SE	0-1	--	--	X	--	--	--	
		RAA15-E7SW	0-1	--	--	X	--	--	--	
	E7	RAA15-E7(B)	1-3	--	--	X	--	--	--	Vertical delineation for SVOCs below RAA15-E7 (0- to 1-foot).
	E8	RAA15-E8NE	1-3	--	--	X	--	--	--	Delineation for SVOCs surrounding RAA15-E8 (1- to 3-foot) at recreational area R2.
		RAA15-E8NW	1-3	--	--	X	--	--	--	
		RAA15-E8SE	1-3	--	--	X	--	--	--	
		RAA15-E8SW	1-3	--	--	X	--	--	--	

TABLE 1
SUMMARY OF SUPPLEMENTAL SAMPLING LOCATIONS

SUPPLEMENTAL PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS J AND K REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Parcel ID	Nearest Grid Node	Sample ID	Sample Depth (ft)	Analysis						Rationale
				PCBs	VOCs	SVOCs	Inorganics	Lead and Antimony	PCDD/PCDF	
R3A	E15	RAA15-E15N	0-1	--	X	X	X	--	X	Provide additional Appendix IX+3 samples at recreational area R3A.
			1-3	--	X	X	X	--	X	
			3-6	--	X	X	X	--	X	
			6-10	--	X	--	--	--	X	
	E15	RAA15-E15W	0-1	--	X	X	X	--	X	Provide additional Appendix IX+3 samples at recreational area R3A.
			1-3	--	X	X	X	--	X	
			3-6	--	X	X	X	--	X	
			10-15	--	X	X	X	--	X	
R3B	B19	RAA15-B19S	1-3	--	X	X	X	--	X	Provide additional Appendix IX+3 samples at recreational area R3B.
			10-15	--	X	X	X	--	X	

Notes:
1. X = Identifies location and depth for which a soil sample was collected and analyses were performed as part of the supplemental sampling.

TABLE 2
SUPPLEMENTAL PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR PCBs

SUPPLEMENTAL PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS J AND K REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(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
RAA15-A19SW	1-3	5/3/2004	ND(0.043) [ND(0.045)]	ND(0.043) [ND(0.045)]	ND(0.043) [ND(0.045)]	ND(0.043) [ND(0.045)]	ND(0.043) [ND(0.045)]	0.42 [0.36]	1.0 [0.90]	1.42 [1.26]
	3-6	5/3/2004	ND(0.052)	ND(0.052)	ND(0.052)	ND(0.052)	ND(0.052)	ND(0.052)	ND(0.052)	ND(0.052)
	6-10	5/3/2004	ND(0.051)	ND(0.051)	ND(0.051)	ND(0.051)	ND(0.051)	ND(0.051)	ND(0.051)	ND(0.051)
	10-15	5/3/2004	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)

Notes:
1. Samples were collected by Blasland Bouck & Lee, Inc., and were submitted to CT&E Environmental Services, Inc. for analysis of PCBs.
2. Samples have been validated as per Field Sampling Plan/Quality Assurance Project Plan, General Electric Company, Pittsfield, Massachusetts, Blasland Bouck & Lee, Inc. (approved November 4, 2002 and resubmitted December 10, 2002).
3. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
4. Field duplicate sample results are presented in brackets.

TABLE 3
SUPPLEMENTAL PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

SUPPLEMENTAL PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS J AND K REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA15-A19NE 1-3 05/04/04	RAA15-A19NE 3-6 05/04/04	RAA15-A19NW 1-3 05/04/04	RAA15-A19NW 3-6 05/04/04
Volatile Organics				
Acetone	NA	NA	NA	NA
Semivolatile Organics				
1,2,4,5-Tetrachlorobenzene	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
1,2,4-Trichlorobenzene	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
2,4-Dinitrotoluene	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
2-Methylnaphthalene	ND(0.38)	6.7	ND(0.38) [ND(0.37)]	2.3
3&4-Methylphenol	ND(0.77)	ND(0.74)	ND(0.76) [ND(0.75)]	ND(0.76)
Acenaphthene	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
Acenaphthylene	7.1	12	3.1 [5.2]	7.2
Aniline	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
Anthracene	4.4	7.3	3.0 [5.3]	3.4
Benzo(a)anthracene	16	13	7.9 [13]	9.8
Benzo(a)pyrene	14	9.7	5.8 [10]	6.8
Benzo(b)fluoranthene	10	6.3	4.1 [8.1]	4.6
Benzo(g,h,i)perylene	9.0	6.9	4.0 [7.1]	4.7
Benzo(k)fluoranthene	12	8.3	5.8 [10]	5.4
bis(2-Ethylhexyl)phthalate	ND(0.38)	ND(0.36)	ND(0.37) [ND(0.37)]	ND(0.38)
Chrysene	16	14	6.7 [13]	11
Dibenzo(a,h)anthracene	2.7	ND(0.37)	1.0 [2.0]	1.2
Dibenzofuran	0.44	0.58	0.66 [1.1]	0.26 J
Di-n-Butylphthalate	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
Fluoranthene	30	19	16 [29]	14
Fluorene	0.72	3.8	0.76 [1.4]	1.4
Indeno(1,2,3-cd)pyrene	8.2	5.5	3.6 [6.6]	3.6
Naphthalene	3.3	8.8	0.99 [1.9]	4.8
Pentachlorobenzene	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
Phenanthrene	7.4	21	8.3 [12]	10
Pyrene	33	35	17 [28]	24
Furans				
2,3,7,8-TCDF	NA	NA	NA	NA
TCDFs (total)	NA	NA	NA	NA
1,2,3,7,8-PeCDF	NA	NA	NA	NA
2,3,4,7,8-PeCDF	NA	NA	NA	NA
PeCDFs (total)	NA	NA	NA	NA
1,2,3,4,7,8-HxCDF	NA	NA	NA	NA
1,2,3,6,7,8-HxCDF	NA	NA	NA	NA
1,2,3,7,8,9-HxCDF	NA	NA	NA	NA
2,3,4,6,7,8-HxCDF	NA	NA	NA	NA
HxCDFs (total)	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDF	NA	NA	NA	NA
1,2,3,4,7,8,9-HpCDF	NA	NA	NA	NA
HpCDFs (total)	NA	NA	NA	NA
OCDF	NA	NA	NA	NA

TABLE 3
SUPPLEMENTAL PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

SUPPLEMENTAL PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS J AND K REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA15-A19NE 1-3 05/04/04	RAA15-A19NE 3-6 05/04/04	RAA15-A19NW 1-3 05/04/04	RAA15-A19NW 3-6 05/04/04
Dioxins					
2,3,7,8-TCDD		NA	NA	NA	NA
TCDDs (total)		NA	NA	NA	NA
1,2,3,7,8-PeCDD		NA	NA	NA	NA
PeCDDs (total)		NA	NA	NA	NA
1,2,3,4,7,8-HxCDD		NA	NA	NA	NA
1,2,3,6,7,8-HxCDD		NA	NA	NA	NA
1,2,3,7,8,9-HxCDD		NA	NA	NA	NA
HxCDDs (total)		NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDD		NA	NA	NA	NA
HpCDDs (total)		NA	NA	NA	NA
OCDD		NA	NA	NA	NA
Total TEQs (WHO TEFs)		NA	NA	NA	NA
Inorganics					
Antimony		NA	NA	NA	NA
Arsenic		NA	NA	NA	NA
Barium		NA	NA	NA	NA
Beryllium		NA	NA	NA	NA
Cadmium		NA	NA	NA	NA
Chromium		NA	NA	NA	NA
Cobalt		NA	NA	NA	NA
Copper		NA	NA	NA	NA
Cyanide		NA	NA	NA	NA
Lead		NA	NA	NA	NA
Mercury		NA	NA	NA	NA
Nickel		NA	NA	NA	NA
Selenium		NA	NA	NA	NA
Silver		NA	NA	NA	NA
Sulfide		NA	NA	NA	NA
Tin		NA	NA	NA	NA
Vanadium		NA	NA	NA	NA
Zinc		NA	NA	NA	NA

TABLE 3
SUPPLEMENTAL PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

SUPPLEMENTAL PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS J AND K REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Sample ID:	RAA15-A19SE	RAA15-A19SE	RAA15-A19SW	RAA15-A19SW
Sample Depth(Feet):	1-3	3-6	0-1	1-3
Date Collected:	05/04/04	05/04/04	05/03/04	05/03/04
Volatile Organics				
Acetone	NA	NA	ND(0.026)	ND(0.026)
Semivolatile Organics				
1,2,4,5-Tetrachlorobenzene	ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]
1,2,4-Trichlorobenzene	ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]
2,4-Dinitrotoluene	ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]
2-Methylnaphthalene	ND(0.41)	ND(0.48)	0.25 J	ND(0.43) [ND(0.45)]
3&4-Methylphenol	ND(0.82)	ND(0.96)	ND(0.88)	ND(0.87) [ND(0.90)]
Acenaphthene	0.23 J	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]
Acenaphthylene	0.52	ND(0.48)	0.76	0.75 [0.37 J]
Aniline	ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]
Anthracene	0.63	ND(0.48)	0.52	0.33 J [0.19 J]
Benzo(a)anthracene	0.81	ND(0.48)	1.2	0.49 [0.29 J]
Benzo(a)pyrene	0.56	ND(0.48)	0.92	0.37 J [0.20 J]
Benzo(b)fluoranthene	0.35 J	ND(0.48)	0.87	0.24 J [0.12 J]
Benzo(g,h,i)perylene	0.38 J	ND(0.48)	0.74	0.32 J [0.17 J]
Benzo(k)fluoranthene	0.45	ND(0.48)	1.1	0.32 J [0.18 J]
bis(2-Ethylhexyl)phthalate	ND(0.41)	ND(0.47)	0.14 J	ND(0.43) [ND(0.45)]
Chrysene	0.92	ND(0.48)	1.6	0.58 [0.36 J]
Dibenzo(a,h)anthracene	ND(0.41)	ND(0.48)	0.15 J	ND(0.43) [ND(0.45)]
Dibenzofuran	0.10 J	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]
Di-n-Butylphthalate	ND(0.41)	ND(0.48)	0.11 J	ND(0.43) [ND(0.45)]
Fluoranthene	1.7	ND(0.48)	2.7	0.74 [0.50]
Fluorene	0.23 J	ND(0.48)	0.13 J	ND(0.43) [ND(0.45)]
Indeno(1,2,3-cd)pyrene	0.25 J	ND(0.48)	0.60	0.22 J [0.097 J]
Naphthalene	0.24 J	ND(0.48)	0.45	0.71 [0.27 J]
Pentachlorobenzene	ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]
Phenanthrene	1.7	ND(0.48)	1.1	0.56 [0.50]
Pyrene	1.8	ND(0.48)	2.7	1.1 [0.72]
Furans				
2,3,7,8-TCDF	NA	NA	0.000040 Y	0.0000095 Y [0.0000055 Y]
TCDFs (total)	NA	NA	0.00053 QI	0.00011 Q [0.000051 Q]
1,2,3,7,8-PeCDF	NA	NA	0.000025	0.0000045 [0.0000026 J]
2,3,4,7,8-PeCDF	NA	NA	0.000099 Q	0.000011 Q [0.0000062]
PeCDFs (total)	NA	NA	0.00056 QI	0.00011 QI [0.000054 Q]
1,2,3,4,7,8-HxCDF	NA	NA	0.000073	0.0000094 [0.0000049]
1,2,3,6,7,8-HxCDF	NA	NA	0.000037	0.0000040 [0.0000022 J]
1,2,3,7,8,9-HxCDF	NA	NA	0.0000094	0.0000014 JQ [0.00000094 J]
2,3,4,6,7,8-HxCDF	NA	NA	0.000074	0.0000070 [0.0000039]
HxCDFs (total)	NA	NA	0.0011 Q	0.00012 Q [0.000061]
1,2,3,4,6,7,8-HpCDF	NA	NA	0.00015 Q	0.000026 [0.000011]
1,2,3,4,7,8,9-HpCDF	NA	NA	0.000030	0.0000034 [0.0000017 J]
HpCDFs (total)	NA	NA	0.00039 Q	0.000055 [0.000024]
OCDF	NA	NA	0.00023	0.000025 [0.000013]

TABLE 3
SUPPLEMENTAL PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

SUPPLEMENTAL PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS J AND K REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Sample ID / Sample Depth(Feet) / Date Collected:	RAA15-A19SE 1-3 05/04/04	RAA15-A19SE 3-6 05/04/04	RAA15-A19SW 0-1 05/03/04	RAA15-A19SW 1-3 05/03/04
Dioxins				
2,3,7,8-TCDD	NA	NA	0.0000016 Q	0.00000036 J [ND(0.00000024) X]
TCDDs (total)	NA	NA	0.000012 Q	0.0000030 [0.0000017]
1,2,3,7,8-PeCDD	NA	NA	0.0000033 Q	0.00000058 JQ [0.00000028 J]
PeCDDs (total)	NA	NA	0.000012 Q	0.0000033 Q [0.0000026 Q]
1,2,3,4,7,8-HxCDD	NA	NA	0.0000043	0.00000071 J [0.00000030 J]
1,2,3,6,7,8-HxCDD	NA	NA	0.000011	0.0000015 J [0.00000067 J]
1,2,3,7,8,9-HxCDD	NA	NA	0.0000087	0.0000012 J [0.00000048 J]
HxCDDs (total)	NA	NA	0.000072	0.000013 [0.0000066]
1,2,3,4,6,7,8-HpCDD	NA	NA	0.00018	0.000016 [0.0000093]
HpCDDs (total)	NA	NA	0.00036	0.000035 [0.000018]
OCDD	NA	NA	0.0016	0.00016 [0.000081]
Total TEQs (WHO TEFs)	NA	NA	0.000085	0.000011 [0.0000057]
Inorganics				
Antimony	NA	NA	ND(6.00)	ND(6.00) [ND(6.00)]
Arsenic	NA	NA	5.50	4.30 [6.00]
Barium	NA	NA	36.0	29.0 [43.0]
Beryllium	NA	NA	0.250 B	0.290 B [0.400 B]
Cadmium	NA	NA	1.60	0.570 [0.870]
Chromium	NA	NA	14.0	7.80 [14.0]
Cobalt	NA	NA	8.20	5.30 [8.30]
Copper	NA	NA	47.0	22.0 [34.0]
Cyanide	NA	NA	0.360	0.140 [0.130 B]
Lead	NA	NA	270	33.0 [54.0]
Mercury	NA	NA	0.160	0.0950 B [0.180]
Nickel	NA	NA	15.0	9.50 [16.0]
Selenium	NA	NA	0.980 J	ND(1.00) J [0.730 B]
Silver	NA	NA	ND(1.00)	ND(1.00) [ND(1.00)]
Sulfide	NA	NA	420	10.0 [11.0]
Tin	NA	NA	ND(10)	ND(10) [5.60 B]
Vanadium	NA	NA	21.0	7.90 [13.0]
Zinc	NA	NA	170	47.0 [90.0]

TABLE 3
SUPPLEMENTAL PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

SUPPLEMENTAL PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS J AND K REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Sample ID: / Sample Depth(Feet): / Date Collected:	RAA15-A19SW 3-6 05/03/04	RAA15-A19SW 6-8 05/03/04	RAA15-A19SW 6-10 05/03/04	RAA15-B19S 1-3 05/03/04
Volatile Organics				
Acetone	NA	0.018 J	NA	ND(0.027)
Semivolatile Organics				
1,2,4,5-Tetrachlorobenzene	ND(0.98)	NA	ND(0.56)	ND(0.49)
1,2,4-Trichlorobenzene	ND(0.98)	NA	ND(0.56)	ND(0.49)
2,4-Dinitrotoluene	ND(0.98)	NA	ND(0.56)	ND(0.49)
2-Methylnaphthalene	ND(0.98)	NA	ND(0.56)	ND(0.49)
3&4-Methylphenol	ND(1.0)	NA	ND(1.0)	ND(0.90)
Acenaphthene	ND(0.98)	NA	ND(0.56)	ND(0.49)
Acenaphthylene	ND(0.98)	NA	ND(0.56)	ND(0.49)
Aniline	ND(0.98)	NA	ND(0.56)	ND(0.49)
Anthracene	ND(0.98)	NA	ND(0.56)	ND(0.49)
Benzo(a)anthracene	ND(0.98)	NA	ND(0.56)	ND(0.49)
Benzo(a)pyrene	0.20 J	NA	0.18 J	ND(0.49)
Benzo(b)fluoranthene	ND(0.98)	NA	ND(0.56)	ND(0.49)
Benzo(g,h,i)perylene	ND(0.98)	NA	ND(0.56)	ND(0.49)
Benzo(k)fluoranthene	ND(0.98)	NA	ND(0.56)	ND(0.49)
bis(2-Ethylhexyl)phthalate	ND(0.51)	NA	ND(0.50)	ND(0.44)
Chrysene	ND(0.98)	NA	ND(0.56)	ND(0.49)
Dibenzo(a,h)anthracene	ND(0.98)	NA	ND(0.56)	ND(0.49)
Dibenzofuran	ND(0.98)	NA	ND(0.56)	ND(0.49)
Di-n-Butylphthalate	ND(0.98)	NA	ND(0.56)	ND(0.49)
Fluoranthene	ND(0.98)	NA	ND(0.56)	0.12 J
Fluorene	ND(0.98)	NA	ND(0.56)	ND(0.49)
Indeno(1,2,3-cd)pyrene	ND(0.98)	NA	ND(0.56)	ND(0.49)
Naphthalene	ND(0.98)	NA	ND(0.56)	ND(0.49)
Pentachlorobenzene	ND(0.98)	NA	ND(0.56)	ND(0.49)
Phenanthrene	ND(0.98)	NA	ND(0.56)	ND(0.49)
Pyrene	ND(0.98)	NA	ND(0.56)	0.12 J
Furans				
2,3,7,8-TCDF	NA	NA	ND(0.000000098) X	0.0000097 Y
TCDFs (total)	NA	NA	ND(0.00000012)	0.000093
1,2,3,7,8-PeCDF	NA	NA	ND(0.000000094) X	0.0000056
2,3,4,7,8-PeCDF	NA	NA	ND(0.000000064) X	0.0000099
PeCDFs (total)	NA	NA	ND(0.000000047)	0.000094
1,2,3,4,7,8-HxCDF	NA	NA	ND(0.00000031)	0.000019
1,2,3,6,7,8-HxCDF	NA	NA	ND(0.00000031)	0.0000088
1,2,3,7,8,9-HxCDF	NA	NA	ND(0.00000031)	0.0000027 J
2,3,4,6,7,8-HxCDF	NA	NA	ND(0.00000031)	0.0000066
HxCDFs (total)	NA	NA	ND(0.00000031)	0.000095
1,2,3,4,6,7,8-HpCDF	NA	NA	0.00000011 J	0.000036
1,2,3,4,7,8,9-HpCDF	NA	NA	ND(0.00000031)	0.000011
HpCDFs (total)	NA	NA	0.00000011	0.000076
OCDF	NA	NA	ND(0.00000062)	0.000080

TABLE 3
SUPPLEMENTAL PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

SUPPLEMENTAL PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS J AND K REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA15-A19SW 3-6 05/03/04	RAA15-A19SW 6-8 05/03/04	RAA15-A19SW 6-10 05/03/04	RAA15-B19S 1-3 05/03/04
Dioxins					
2,3,7,8-TCDD		NA	NA	ND(0.00000012)	0.00000026 J
TCDDs (total)		NA	NA	ND(0.00000029)	0.0000013
1,2,3,7,8-PeCDD		NA	NA	ND(0.00000031)	ND(0.00000050) X
PeCDDs (total)		NA	NA	ND(0.00000031)	0.0000038
1,2,3,4,7,8-HxCDD		NA	NA	ND(0.00000031)	0.00000067 J
1,2,3,6,7,8-HxCDD		NA	NA	ND(0.00000031)	0.00000089 J
1,2,3,7,8,9-HxCDD		NA	NA	ND(0.00000031)	0.0000013 J
HxCDDs (total)		NA	NA	ND(0.00000051)	0.000011
1,2,3,4,6,7,8-HpCDD		NA	NA	ND(0.00000030) X	0.0000081
HpCDDs (total)		NA	NA	ND(0.00000031)	0.000016
OCDD		NA	NA	ND(0.0000011)	0.000044
Total TEQs (WHO TEFs)		NA	NA	0.00000035	0.000011
Inorganics					
Antimony		NA	NA	ND(6.00)	ND(6.00)
Arsenic		NA	NA	0.700 B	4.40
Barium		NA	NA	11.0 B	49.0
Beryllium		NA	NA	0.170 B	0.500 B
Cadmium		NA	NA	0.270 B	1.00
Chromium		NA	NA	3.60	15.0
Cobalt		NA	NA	2.90 B	10.0
Copper		NA	NA	4.00	28.0
Cyanide		NA	NA	0.0420 B	0.0700 B
Lead		NA	NA	2.00	73.0
Mercury		NA	NA	ND(0.150)	0.370
Nickel		NA	NA	5.30	16.0
Selenium		NA	NA	ND(1.10) J	0.680 J
Silver		NA	NA	ND(1.10)	ND(1.00)
Sulfide		NA	NA	15.0	6.40 B
Tin		NA	NA	ND(10)	ND(10)
Vanadium		NA	NA	3.90 B	18.0
Zinc		NA	NA	23.0	100

TABLE 3
SUPPLEMENTAL PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

SUPPLEMENTAL PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS J AND K REMOVAL ACTION S
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Sample ID / Sample Depth(Feet) / Date Collected:	RAA15-B19S 10-12 05/03/04	RAA15-B19S 10-15 05/03/04	RAA15-C6 0-1 05/05/04	RAA15-C6 6-8 05/05/04	RAA15-C6 6-10 05/05/04
Volatile Organics					
Acetone	ND(0.028)	NA	NA	ND(0.024)	NA
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	NA	ND(0.52)	ND(0.42)	NA	ND(0.40)
1,2,4-Trichlorobenzene	NA	ND(0.52)	ND(0.42)	NA	ND(0.40)
2,4-Dinitrotoluene	NA	ND(0.52)	0.86	NA	ND(0.40)
2-Methylnaphthalene	NA	ND(0.52)	ND(0.42)	NA	ND(0.40)
3&4-Methylphenol	NA	ND(0.87)	ND(0.84)	NA	0.57 J
Acenaphthene	NA	ND(0.52)	ND(0.42)	NA	ND(0.40)
Acenaphthylene	NA	ND(0.52)	0.14 J	NA	0.80
Aniline	NA	ND(0.52)	0.31 J	NA	ND(0.40)
Anthracene	NA	ND(0.52)	0.42	NA	0.53
Benzo(a)anthracene	NA	ND(0.52)	0.96	NA	1.4
Benzo(a)pyrene	NA	0.14 J	ND(0.42)	NA	1.0
Benzo(b)fluoranthene	NA	ND(0.52)	0.55	NA	1.0
Benzo(g,h,i)perylene	NA	ND(0.52)	0.38 J	NA	0.72
Benzo(k)fluoranthene	NA	ND(0.52)	0.68	NA	1.0
bis(2-Ethylhexyl)phthalate	NA	ND(0.43)	0.27 J	NA	ND(0.39)
Chrysene	NA	ND(0.52)	1.1	NA	1.6
Dibenzo(a,h)anthracene	NA	ND(0.52)	0.11 J	NA	0.19 J
Dibenzofuran	NA	ND(0.52)	0.10 J	NA	0.085 J
Di-n-Butylphthalate	NA	ND(0.52)	0.092 J	NA	ND(0.40)
Fluoranthene	NA	ND(0.52)	2.7	NA	3.4
Fluorene	NA	ND(0.52)	0.20 J	NA	ND(0.40)
Indeno(1,2,3-cd)pyrene	NA	ND(0.52)	0.34 J	NA	0.62
Naphthalene	NA	ND(0.52)	ND(0.42)	NA	0.16 J
Pentachlorobenzene	NA	ND(0.52)	ND(0.42)	NA	ND(0.40)
Phenanthrene	NA	ND(0.52)	1.9	NA	1.7
Pyrene	NA	ND(0.52)	2.1	NA	3.1
Furans					
2,3,7,8-TCDF	NA	ND(0.000000094) X	NA	NA	0.000038 Y
TCDFs (total)	NA	ND(0.00000011)	NA	NA	0.00054 QI
1,2,3,7,8-PeCDF	NA	ND(0.00000026)	NA	NA	0.000021 Q
2,3,4,7,8-PeCDF	NA	ND(0.00000026)	NA	NA	0.000074 Q
PeCDFs (total)	NA	ND(0.00000026)	NA	NA	0.00064 QI
1,2,3,4,7,8-HxCDF	NA	0.000000090 J	NA	NA	0.00011
1,2,3,6,7,8-HxCDF	NA	0.000000071 J	NA	NA	0.000046
1,2,3,7,8,9-HxCDF	NA	ND(0.00000026)	NA	NA	0.0000097 Q
2,3,4,6,7,8-HxCDF	NA	ND(0.00000026)	NA	NA	0.000062
HxCDFs (total)	NA	0.00000027	NA	NA	0.00095 Q
1,2,3,4,6,7,8-HpCDF	NA	0.00000015 J	NA	NA	0.00022
1,2,3,4,7,8,9-HpCDF	NA	ND(0.00000026)	NA	NA	0.000086
HpCDFs (total)	NA	0.00000015	NA	NA	0.00047
OCDF	NA	ND(0.00000052)	NA	NA	0.00052

TABLE 3
SUPPLEMENTAL PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

SUPPLEMENTAL PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS J AND K REMOVAL ACTION S
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Sample ID / Sample Depth(Feet) / Date Collected:	RAA15-B19S 10-12 05/03/04	RAA15-B19S 10-15 05/03/04	RAA15-C6 0-1 05/05/04	RAA15-C6 6-8 05/05/04	RAA15-C6 6-10 05/05/04
Dioxins					
2,3,7,8-TCDD	NA	ND(0.00000011)	NA	NA	0.00000064 JQ
TCDDs (total)	NA	ND(0.00000025)	NA	NA	0.000010 Q
1,2,3,7,8-PeCDD	NA	ND(0.00000026)	NA	NA	ND(0.0000023)
PeCDDs (total)	NA	ND(0.00000026)	NA	NA	0.0000085 Q
1,2,3,4,7,8-HxCDD	NA	ND(0.00000026)	NA	NA	0.0000015 J
1,2,3,6,7,8-HxCDD	NA	ND(0.00000026)	NA	NA	ND(0.0000037)
1,2,3,7,8,9-HxCDD	NA	ND(0.00000026)	NA	NA	ND(0.0000025)
HxCDDs (total)	NA	ND(0.00000046)	NA	NA	0.000031
1,2,3,4,6,7,8-HpCDD	NA	0.00000017 J	NA	NA	0.000026
HpCDDs (total)	NA	0.00000017	NA	NA	0.000049
OCDD	NA	ND(0.00000081)	NA	NA	0.00018
Total TEQs (WHO TEFs)	NA	0.00000035	NA	NA	0.000070
Inorganics					
Antimony	NA	ND(6.00)	NA	NA	1.90 J
Arsenic	NA	0.720 B	NA	NA	3.60
Barium	NA	13.0 B	NA	NA	56.0
Beryllium	NA	0.140 B	NA	NA	0.180 B
Cadmium	NA	0.290 B	NA	NA	0.700
Chromium	NA	4.10	NA	NA	6.30
Cobalt	NA	3.80 B	NA	NA	3.60 B
Copper	NA	4.20	NA	NA	77.0
Cyanide	NA	ND(0.130)	NA	NA	0.280
Lead	NA	2.50	NA	NA	95.0
Mercury	NA	ND(0.130)	NA	NA	3.80
Nickel	NA	6.80	NA	NA	6.20
Selenium	NA	0.660 J	NA	NA	ND(1.00) J
Silver	NA	ND(1.00)	NA	NA	ND(1.00)
Sulfide	NA	12.0	NA	NA	46.0
Tin	NA	ND(10)	NA	NA	ND(10)
Vanadium	NA	4.50 B	NA	NA	8.10
Zinc	NA	25.0	NA	NA	75.0

TABLE 3
SUPPLEMENTAL PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

SUPPLEMENTAL PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS J AND K REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: Sample Depth(Feet): Parameter Date Collected:	RAA15-C11 3-6 05/05/04	RAA15-C11E 1-3 05/05/04	RAA15-C11NE 1-3 05/05/04	RAA15-C11NW 1-3 05/05/04
Volatile Organics				
Acetone	NA	NA	NA	NA
Semivolatile Organics				
1,2,4,5-Tetrachlorobenzene	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)
1,2,4-Trichlorobenzene	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)
2,4-Dinitrotoluene	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)
2-Methylnaphthalene	ND(0.36) [ND(0.37)]	0.69	0.20 J	0.80
3&4-Methylphenol	ND(0.73) [ND(0.74)]	ND(0.75)	ND(0.75)	ND(0.74)
Acenaphthene	0.14 J [0.15 J]	3.4	1.1	4.2
Acenaphthylene	0.15 J [0.087 J]	0.47	0.47	0.53
Aniline	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)
Anthracene	0.37 [0.43]	12	4.1	10
Benzo(a)anthracene	1.2 [0.93]	26	12	24
Benzo(a)pyrene	0.66 [0.48]	14	6.6	13
Benzo(b)fluoranthene	0.62 [0.38]	14	6.0	12
Benzo(g,h,i)perylene	0.44 [0.26 J]	6.0	3.6	7.1
Benzo(k)fluoranthene	0.72 [0.47]	18	5.9	14
bis(2-Ethylhexyl)phthalate	ND(0.36) [ND(0.36)]	ND(0.37)	ND(0.37)	ND(0.37)
Chrysene	1.2 [0.96]	26	11	24
Dibenzo(a,h)anthracene	0.14 J [ND(0.37)]	2.3	1.4	2.6
Dibenzofuran	ND(0.36) [0.079 J]	2.0	0.62	2.4
Di-n-Butylphthalate	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)
Fluoranthene	2.4 [2.4]	66	29	60
Fluorene	0.12 J [0.13 J]	4.4	1.3	5.1
Indeno(1,2,3-cd)pyrene	0.40 [0.25 J]	5.7	3.2	6.5
Naphthalene	0.13 J [0.15 J]	2.0	0.75	2.1
Pentachlorobenzene	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)
Phenanthrene	1.3 [1.5]	40	13	38
Pyrene	2.1 [1.9]	50	23	46
Furans				
2,3,7,8-TCDF	NA	NA	NA	NA
TCDFs (total)	NA	NA	NA	NA
1,2,3,7,8-PeCDF	NA	NA	NA	NA
2,3,4,7,8-PeCDF	NA	NA	NA	NA
PeCDFs (total)	NA	NA	NA	NA
1,2,3,4,7,8-HxCDF	NA	NA	NA	NA
1,2,3,6,7,8-HxCDF	NA	NA	NA	NA
1,2,3,7,8,9-HxCDF	NA	NA	NA	NA
2,3,4,6,7,8-HxCDF	NA	NA	NA	NA
HxCDFs (total)	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDF	NA	NA	NA	NA
1,2,3,4,7,8,9-HpCDF	NA	NA	NA	NA
HpCDFs (total)	NA	NA	NA	NA
OCDF	NA	NA	NA	NA

TABLE 3
SUPPLEMENTAL PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

SUPPLEMENTAL PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS J AND K REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA15-C11 3-6 05/05/04	RAA15-C11E 1-3 05/05/04	RAA15-C11NE 1-3 05/05/04	RAA15-C11NW 1-3 05/05/04
Dioxins					
2,3,7,8-TCDD		NA	NA	NA	NA
TCDDs (total)		NA	NA	NA	NA
1,2,3,7,8-PeCDD		NA	NA	NA	NA
PeCDDs (total)		NA	NA	NA	NA
1,2,3,4,7,8-HxCDD		NA	NA	NA	NA
1,2,3,6,7,8-HxCDD		NA	NA	NA	NA
1,2,3,7,8,9-HxCDD		NA	NA	NA	NA
HxCDDs (total)		NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDD		NA	NA	NA	NA
HpCDDs (total)		NA	NA	NA	NA
OCDD		NA	NA	NA	NA
Total TEQs (WHO TEFs)		NA	NA	NA	NA
Inorganics					
Antimony		NA	NA	NA	NA
Arsenic		NA	NA	NA	NA
Barium		NA	NA	NA	NA
Beryllium		NA	NA	NA	NA
Cadmium		NA	NA	NA	NA
Chromium		NA	NA	NA	NA
Cobalt		NA	NA	NA	NA
Copper		NA	NA	NA	NA
Cyanide		NA	NA	NA	NA
Lead		NA	NA	NA	NA
Mercury		NA	NA	NA	NA
Nickel		NA	NA	NA	NA
Selenium		NA	NA	NA	NA
Silver		NA	NA	NA	NA
Sulfide		NA	NA	NA	NA
Tin		NA	NA	NA	NA
Vanadium		NA	NA	NA	NA
Zinc		NA	NA	NA	NA

TABLE 3
SUPPLEMENTAL PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

SUPPLEMENTAL PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS J AND K REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA15-E2NE 1-3 05/05/04	RAA15-E2NW 1-3 05/05/04	RAA15-E2SE 1-3 05/05/04	RAA15-E2SW 1-3 05/05/04	RAA15-E5 1-3 05/05/04
Volatile Organics						
Acetone		NA	NA	NA	NA	NA
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene		NA	NA	NA	NA	ND(0.38)
1,2,4-Trichlorobenzene		NA	NA	NA	NA	ND(0.38)
2,4-Dinitrotoluene		NA	NA	NA	NA	ND(0.38)
2-Methylnaphthalene		NA	NA	NA	NA	ND(0.38)
3&4-Methylphenol		NA	NA	NA	NA	ND(0.76)
Acenaphthene		NA	NA	NA	NA	ND(0.38)
Acenaphthylene		NA	NA	NA	NA	0.13 J
Aniline		NA	NA	NA	NA	ND(0.38)
Anthracene		NA	NA	NA	NA	0.12 J
Benzo(a)anthracene		NA	NA	NA	NA	0.29 J
Benzo(a)pyrene		NA	NA	NA	NA	0.20 J
Benzo(b)fluoranthene		NA	NA	NA	NA	0.19 J
Benzo(g,h,i)perylene		NA	NA	NA	NA	0.17 J
Benzo(k)fluoranthene		NA	NA	NA	NA	0.19 J
bis(2-Ethylhexyl)phthalate		NA	NA	NA	NA	ND(0.38)
Chrysene		NA	NA	NA	NA	0.36 J
Dibenzo(a,h)anthracene		NA	NA	NA	NA	ND(0.38)
Dibenzofuran		NA	NA	NA	NA	ND(0.38)
Di-n-Butylphthalate		NA	NA	NA	NA	ND(0.38)
Fluoranthene		NA	NA	NA	NA	0.67
Fluorene		NA	NA	NA	NA	ND(0.38)
Indeno(1,2,3-cd)pyrene		NA	NA	NA	NA	0.14 J
Naphthalene		NA	NA	NA	NA	ND(0.38)
Pentachlorobenzene		NA	NA	NA	NA	ND(0.38)
Phenanthrene		NA	NA	NA	NA	0.35 J
Pyrene		NA	NA	NA	NA	0.64
Furans						
2,3,7,8-TCDF		NA	NA	NA	NA	NA
TCDFs (total)		NA	NA	NA	NA	NA
1,2,3,7,8-PeCDF		NA	NA	NA	NA	NA
2,3,4,7,8-PeCDF		NA	NA	NA	NA	NA
PeCDFs (total)		NA	NA	NA	NA	NA
1,2,3,4,7,8-HxCDF		NA	NA	NA	NA	NA
1,2,3,6,7,8-HxCDF		NA	NA	NA	NA	NA
1,2,3,7,8,9-HxCDF		NA	NA	NA	NA	NA
2,3,4,6,7,8-HxCDF		NA	NA	NA	NA	NA
HxCDFs (total)		NA	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDF		NA	NA	NA	NA	NA
1,2,3,4,7,8,9-HpCDF		NA	NA	NA	NA	NA
HpCDFs (total)		NA	NA	NA	NA	NA
OCDF		NA	NA	NA	NA	NA

TABLE 3
SUPPLEMENTAL PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

SUPPLEMENTAL PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS J AND K REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA15-E2NE 1-3 05/05/04	RAA15-E2NW 1-3 05/05/04	RAA15-E2SE 1-3 05/05/04	RAA15-E2SW 1-3 05/05/04	RAA15-E5 1-3 05/05/04
Dioxins						
2,3,7,8-TCDD		NA	NA	NA	NA	NA
TCDDs (total)		NA	NA	NA	NA	NA
1,2,3,7,8-PeCDD		NA	NA	NA	NA	NA
PeCDDs (total)		NA	NA	NA	NA	NA
1,2,3,4,7,8-HxCDD		NA	NA	NA	NA	NA
1,2,3,6,7,8-HxCDD		NA	NA	NA	NA	NA
1,2,3,7,8,9-HxCDD		NA	NA	NA	NA	NA
HxCDDs (total)		NA	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDD		NA	NA	NA	NA	NA
HpCDDs (total)		NA	NA	NA	NA	NA
OCDD		NA	NA	NA	NA	NA
Total TEQs (WHO TEFs)		NA	NA	NA	NA	NA
Inorganics						
Antimony		610	400	820	130	NA
Arsenic		NA	NA	NA	NA	NA
Barium		NA	NA	NA	NA	NA
Beryllium		NA	NA	NA	NA	NA
Cadmium		NA	NA	NA	NA	NA
Chromium		NA	NA	NA	NA	NA
Cobalt		NA	NA	NA	NA	NA
Copper		NA	NA	NA	NA	NA
Cyanide		NA	NA	NA	NA	NA
Lead		850	6500	11000	5900	NA
Mercury		NA	NA	NA	NA	NA
Nickel		NA	NA	NA	NA	NA
Selenium		NA	NA	NA	NA	NA
Silver		NA	NA	NA	NA	NA
Sulfide		NA	NA	NA	NA	NA
Tin		NA	NA	NA	NA	NA
Vanadium		NA	NA	NA	NA	NA
Zinc		NA	NA	NA	NA	NA

TABLE 3
SUPPLEMENTAL PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

SUPPLEMENTAL PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS J AND K REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Sample ID:	RAA15-E5NE	RAA15-E5NW	RAA15-E5SE	RAA15-E5SW	RAA15-E7(B)
Sample Depth(Feet):	0-1	0-1	0-1	0-1	1-3
Date Collected:	05/05/04	05/05/04	05/05/04	05/05/04	05/04/04
Volatile Organics					
Acetone	NA	NA	NA	NA	NA
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	ND(0.38)	ND(0.39)	ND(0.39)	ND(0.36)	ND(0.39)
1,2,4-Trichlorobenzene	ND(0.38)	ND(0.39)	ND(0.39)	ND(0.36)	ND(0.39)
2,4-Dinitrotoluene	ND(0.38)	ND(0.39)	ND(0.39)	ND(0.36)	ND(0.39)
2-Methylnaphthalene	0.082 J	0.11 J	0.29 J	ND(0.36)	2.1
3&4-Methylphenol	ND(0.77)	ND(0.78)	ND(0.79)	ND(0.72)	ND(0.78)
Acenaphthene	0.093 J	0.62	1.9	0.088 J	16
Acenaphthylene	0.21 J	ND(0.39)	0.096 J	0.083 J	0.56
Aniline	ND(0.38)	ND(0.39)	ND(0.39)	ND(0.36)	ND(0.39)
Anthracene	0.25 J	1.3	2.4	0.14 J	33
Benzo(a)anthracene	0.58	3.2	4.2	0.40	54
Benzo(a)pyrene	0.39	1.7	2.2	0.25 J	32
Benzo(b)fluoranthene	0.33 J	1.6	2.0	0.24 J	25
Benzo(g,h,i)perylene	0.30 J	1.0	1.2	0.18 J	19
Benzo(k)fluoranthene	0.36 J	1.6	2.1	0.25 J	32
bis(2-Ethylhexyl)phthalate	ND(0.38)	ND(0.38)	ND(0.39)	ND(0.35)	ND(0.38)
Chrysene	0.64	3.3	4.2	0.44	54
Dibenzo(a,h)anthracene	0.11 J	0.23 J	0.46	ND(0.36)	6.6
Dibenzofuran	ND(0.38)	0.22 J	0.83	ND(0.36)	7.1
Di-n-Butylphthalate	ND(0.38)	ND(0.39)	ND(0.39)	ND(0.36)	ND(0.39)
Fluoranthene	1.2	9.5 E	15	0.99	160
Fluorene	ND(0.38)	0.45	1.3	ND(0.36)	14
Indeno(1,2,3-cd)pyrene	0.24 J	0.91	1.1	0.16 J	17
Naphthalene	0.16 J	0.24 J	1.0	ND(0.36)	5.5
Pentachlorobenzene	ND(0.38)	ND(0.39)	ND(0.39)	ND(0.36)	ND(0.39)
Phenanthrene	0.70	5.6	14	0.66	130
Pyrene	1.2	7.3	12	0.82	130
Furans					
2,3,7,8-TCDF	NA	NA	NA	NA	NA
TCDFs (total)	NA	NA	NA	NA	NA
1,2,3,7,8-PeCDF	NA	NA	NA	NA	NA
2,3,4,7,8-PeCDF	NA	NA	NA	NA	NA
PeCDFs (total)	NA	NA	NA	NA	NA
1,2,3,4,7,8-HxCDF	NA	NA	NA	NA	NA
1,2,3,6,7,8-HxCDF	NA	NA	NA	NA	NA
1,2,3,7,8,9-HxCDF	NA	NA	NA	NA	NA
2,3,4,6,7,8-HxCDF	NA	NA	NA	NA	NA
HxCDFs (total)	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDF	NA	NA	NA	NA	NA
1,2,3,4,7,8,9-HpCDF	NA	NA	NA	NA	NA
HpCDFs (total)	NA	NA	NA	NA	NA
OCDF	NA	NA	NA	NA	NA

TABLE 3
SUPPLEMENTAL PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

SUPPLEMENTAL PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS J AND K REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA15-E5NE 0-1 05/05/04	RAA15-E5NW 0-1 05/05/04	RAA15-E5SE 0-1 05/05/04	RAA15-E5SW 0-1 05/05/04	RAA15-E7(B) 1-3 05/04/04
Dioxins						
2,3,7,8-TCDD		NA	NA	NA	NA	NA
TCDDs (total)		NA	NA	NA	NA	NA
1,2,3,7,8-PeCDD		NA	NA	NA	NA	NA
PeCDDs (total)		NA	NA	NA	NA	NA
1,2,3,4,7,8-HxCDD		NA	NA	NA	NA	NA
1,2,3,6,7,8-HxCDD		NA	NA	NA	NA	NA
1,2,3,7,8,9-HxCDD		NA	NA	NA	NA	NA
HxCDDs (total)		NA	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDD		NA	NA	NA	NA	NA
HpCDDs (total)		NA	NA	NA	NA	NA
OCDD		NA	NA	NA	NA	NA
Total TEQs (WHO TEFs)		NA	NA	NA	NA	NA
Inorganics						
Antimony		NA	NA	NA	NA	NA
Arsenic		NA	NA	NA	NA	NA
Barium		NA	NA	NA	NA	NA
Beryllium		NA	NA	NA	NA	NA
Cadmium		NA	NA	NA	NA	NA
Chromium		NA	NA	NA	NA	NA
Cobalt		NA	NA	NA	NA	NA
Copper		NA	NA	NA	NA	NA
Cyanide		NA	NA	NA	NA	NA
Lead		NA	NA	NA	NA	NA
Mercury		NA	NA	NA	NA	NA
Nickel		NA	NA	NA	NA	NA
Selenium		NA	NA	NA	NA	NA
Silver		NA	NA	NA	NA	NA
Sulfide		NA	NA	NA	NA	NA
Tin		NA	NA	NA	NA	NA
Vanadium		NA	NA	NA	NA	NA
Zinc		NA	NA	NA	NA	NA

TABLE 3
SUPPLEMENTAL PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

SUPPLEMENTAL PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS J AND K REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA15-E7NE 0-1 05/04/04	RAA15-E7NW 0-1 05/04/04	RAA15-E7SE 0-1 05/04/04	RAA15-E7SW 0-1 05/04/04	RAA15-E8SE 1-3 05/04/04
Volatile Organics					
Acetone	NA	NA	NA	NA	NA
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	ND(0.60)	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.38)
1,2,4-Trichlorobenzene	ND(0.60)	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.38)
2,4-Dinitrotoluene	ND(0.60)	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.38)
2-Methylnaphthalene	ND(0.60)	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.38)
3&4-Methylphenol	R	ND(0.96)	ND(0.78)	ND(0.88)	ND(0.76)
Acenaphthene	0.43 J	0.21 J	4.0	0.31 J	0.11 J
Acenaphthylene	ND(0.60)	1.2	0.48	0.24 J	0.083 J
Aniline	ND(0.60)	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.38)
Anthracene	0.74	1.6	9.8	1.0	0.55
Benzo(a)anthracene	0.79	5.2	20	2.2	2.2
Benzo(a)pyrene	0.30 J	3.6	9.7	1.2	1.3
Benzo(b)fluoranthene	0.29 J	2.8	9.2	1.2	1.1
Benzo(g,h,i)perylene	0.14 J	2.3	4.8	0.67	0.70
Benzo(k)fluoranthene	0.34 J	4.0	11	1.3	1.4
bis(2-Ethylhexyl)phthalate	ND(0.40)	0.28 J	ND(0.39)	ND(0.43)	ND(0.37)
Chrysene	0.83	6.0	20	2.2	2.1
Dibenzo(a,h)anthracene	ND(0.60)	0.73	1.9	0.27 J	0.26 J
Dibenzofuran	0.28 J	0.10 J	2.5	0.19 J	ND(0.38)
Di-n-Butylphthalate	ND(0.60)	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.38)
Fluoranthene	3.3	13	57	5.7	4.2
Fluorene	0.42 J	0.44 J	4.8	0.43 J	0.14 J
Indeno(1,2,3-cd)pyrene	0.13 J	2.0	4.6	0.57	0.63
Naphthalene	0.46 J	ND(0.48)	2.5	0.19 J	ND(0.38)
Pentachlorobenzene	ND(0.60)	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.38)
Phenanthrene	3.3	6.3	37	3.2	1.9
Pyrene	2.4	12	43	4.5	3.5
Furans					
2,3,7,8-TCDF	NA	NA	NA	NA	NA
TCDFs (total)	NA	NA	NA	NA	NA
1,2,3,7,8-PeCDF	NA	NA	NA	NA	NA
2,3,4,7,8-PeCDF	NA	NA	NA	NA	NA
PeCDFs (total)	NA	NA	NA	NA	NA
1,2,3,4,7,8-HxCDF	NA	NA	NA	NA	NA
1,2,3,6,7,8-HxCDF	NA	NA	NA	NA	NA
1,2,3,7,8,9-HxCDF	NA	NA	NA	NA	NA
2,3,4,6,7,8-HxCDF	NA	NA	NA	NA	NA
HxCDFs (total)	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDF	NA	NA	NA	NA	NA
1,2,3,4,7,8,9-HpCDF	NA	NA	NA	NA	NA
HpCDFs (total)	NA	NA	NA	NA	NA
OCDF	NA	NA	NA	NA	NA

TABLE 3
SUPPLEMENTAL PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

SUPPLEMENTAL PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS J AND K REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA15-E7NE 0-1 05/04/04	RAA15-E7NW 0-1 05/04/04	RAA15-E7SE 0-1 05/04/04	RAA15-E7SW 0-1 05/04/04	RAA15-E8SE 1-3 05/04/04
Dioxins						
2,3,7,8-TCDD		NA	NA	NA	NA	NA
TCDDs (total)		NA	NA	NA	NA	NA
1,2,3,7,8-PeCDD		NA	NA	NA	NA	NA
PeCDDs (total)		NA	NA	NA	NA	NA
1,2,3,4,7,8-HxCDD		NA	NA	NA	NA	NA
1,2,3,6,7,8-HxCDD		NA	NA	NA	NA	NA
1,2,3,7,8,9-HxCDD		NA	NA	NA	NA	NA
HxCDDs (total)		NA	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDD		NA	NA	NA	NA	NA
HpCDDs (total)		NA	NA	NA	NA	NA
OCDD		NA	NA	NA	NA	NA
Total TEQs (WHO TEFs)		NA	NA	NA	NA	NA
Inorganics						
Antimony		NA	NA	NA	NA	NA
Arsenic		NA	NA	NA	NA	NA
Barium		NA	NA	NA	NA	NA
Beryllium		NA	NA	NA	NA	NA
Cadmium		NA	NA	NA	NA	NA
Chromium		NA	NA	NA	NA	NA
Cobalt		NA	NA	NA	NA	NA
Copper		NA	NA	NA	NA	NA
Cyanide		NA	NA	NA	NA	NA
Lead		NA	NA	NA	NA	NA
Mercury		NA	NA	NA	NA	NA
Nickel		NA	NA	NA	NA	NA
Selenium		NA	NA	NA	NA	NA
Silver		NA	NA	NA	NA	NA
Sulfide		NA	NA	NA	NA	NA
Tin		NA	NA	NA	NA	NA
Vanadium		NA	NA	NA	NA	NA
Zinc		NA	NA	NA	NA	NA

TABLE 3
SUPPLEMENTAL PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

SUPPLEMENTAL PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS J AND K REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA15-E8NE 1-3 05/04/04	RAA15-E8SW 1-3 05/04/04	RAA15-E8NW 1-3 05/04/04	RAA15-E15N 0-1 05/04/04	RAA15-E15N 1-3 05/04/04
Volatile Organics					
Acetone	NA	NA	NA	ND(0.022) [ND(0.022)]	ND(0.022)
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	ND(0.37)	ND(0.38)	5.3	ND(0.37)	ND(0.37)
1,2,4-Trichlorobenzene	ND(0.37)	ND(0.38)	0.10 J	ND(0.37)	ND(0.37)
2,4-Dinitrotoluene	ND(0.37)	ND(0.38)	ND(0.40)	ND(0.37)	ND(0.37)
2-Methylnaphthalene	ND(0.37)	1.3	2.0	ND(0.37)	ND(0.37)
3&4-Methylphenol	ND(0.75)	ND(0.76)	ND(0.80)	ND(0.75)	ND(0.74)
Acenaphthene	1.5	7.2	13	0.15 J	0.43
Acenaphthylene	0.59	2.2	0.74	0.10 J	0.16 J
Aniline	ND(0.37)	ND(0.38)	ND(0.40)	ND(0.37)	ND(0.37)
Anthracene	12	18	30	0.31 J	1.3
Benzo(a)anthracene	60	33	100	0.85	3.4
Benzo(a)pyrene	28	15	38	0.50	1.6
Benzo(b)fluoranthene	29	14	37	0.52	1.7
Benzo(g,h,i)perylene	14	6.7	18	0.34 J	0.85
Benzo(k)fluoranthene	28	22	38	0.50	1.6
bis(2-Ethylhexyl)phthalate	ND(0.37)	1.2	ND(0.39)	ND(0.37)	ND(0.36)
Chrysene	58	33	98	0.88	3.1
Dibenzo(a,h)anthracene	4.2	2.6	6.1	0.10 J	0.29 J
Dibenzofuran	0.82	3.9	6.3	ND(0.37)	0.27 J
Di-n-Butylphthalate	ND(0.37)	ND(0.38)	ND(0.40)	ND(0.37)	ND(0.37)
Fluoranthene	110	150	270	2.1	9.2
Fluorene	2.3	7.5	14	0.12 J	0.45
Indeno(1,2,3-cd)pyrene	12	6.6	17	0.30 J	0.78
Naphthalene	0.52	3.7	6.9	ND(0.37)	0.27 J
Pentachlorobenzene	ND(0.37)	ND(0.38)	0.37 J	ND(0.37)	ND(0.37)
Phenanthrene	39	64	150	1.3	4.7
Pyrene	97	71	200	1.7	6.8
Furans					
2,3,7,8-TCDF	NA	NA	NA	0.0000087 Y	0.0000071 Y
TCDFs (total)	NA	NA	NA	0.00016 Q	0.000081 QI
1,2,3,7,8-PeCDF	NA	NA	NA	0.0000079 Q	0.0000036 Q
2,3,4,7,8-PeCDF	NA	NA	NA	0.000030 Q	0.000017 Q
PeCDFs (total)	NA	NA	NA	0.00021 QI	0.00010 QI
1,2,3,4,7,8-HxCDF	NA	NA	NA	0.000026	0.000012
1,2,3,6,7,8-HxCDF	NA	NA	NA	0.000015	0.0000070
1,2,3,7,8,9-HxCDF	NA	NA	NA	0.0000044 Q	0.0000020 JQ
2,3,4,6,7,8-HxCDF	NA	NA	NA	0.000027	0.000018
HxCDFs (total)	NA	NA	NA	0.00047 QI	0.00024 Q
1,2,3,4,6,7,8-HpCDF	NA	NA	NA	0.000046	0.000027
1,2,3,4,7,8,9-HpCDF	NA	NA	NA	0.0000091	0.0000048
HpCDFs (total)	NA	NA	NA	0.00010	0.000072
OCDF	NA	NA	NA	0.000042	0.000026

TABLE 3
SUPPLEMENTAL PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

SUPPLEMENTAL PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS J AND K REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA15-E8NE 1-3 05/04/04	RAA15-E8SW 1-3 05/04/04	RAA15-E8NW 1-3 05/04/04	RAA15-E15N 0-1 05/04/04	RAA15-E15N 1-3 05/04/04
Dioxins						
2,3,7,8-TCDD		NA	NA	NA	0.00000039 J	0.00000034 JQ
TCDDs (total)		NA	NA	NA	0.0000038 Q	0.0000014 Q
1,2,3,7,8-PeCDD		NA	NA	NA	ND(0.00000083) X	0.0000028 Q
PeCDDs (total)		NA	NA	NA	0.000010 Q	0.000017 Q
1,2,3,4,7,8-HxCDD		NA	NA	NA	0.0000015 J	0.0000018 J
1,2,3,6,7,8-HxCDD		NA	NA	NA	0.0000021 J	0.0000067
1,2,3,7,8,9-HxCDD		NA	NA	NA	0.0000019 J	0.0000042
HxCDDs (total)		NA	NA	NA	0.000021	0.000059 Q
1,2,3,4,6,7,8-HpCDD		NA	NA	NA	0.000017	0.000053
HpCDDs (total)		NA	NA	NA	0.000034	0.00011
OCDD		NA	NA	NA	0.00015	0.00032
Total TEQs (WHO TEFs)		NA	NA	NA	0.000026	0.000019
Inorganics						
Antimony		NA	NA	NA	1.90 J	1.20 J
Arsenic		NA	NA	NA	4.50	4.40
Barium		NA	NA	NA	47.0	42.0
Beryllium		NA	NA	NA	0.200 B	0.210 B
Cadmium		NA	NA	NA	0.480 B	0.540
Chromium		NA	NA	NA	6.90	6.80
Cobalt		NA	NA	NA	4.40 B	4.70 B
Copper		NA	NA	NA	18.0	52.0
Cyanide		NA	NA	NA	0.0430 B	0.0800 B
Lead		NA	NA	NA	23.0	27.0
Mercury		NA	NA	NA	0.0360 B	0.260
Nickel		NA	NA	NA	7.70	10.0
Selenium		NA	NA	NA	0.670 J	ND(1.00) J
Silver		NA	NA	NA	ND(1.00)	ND(1.00)
Sulfide		NA	NA	NA	970	7.00
Tin		NA	NA	NA	ND(10)	ND(10)
Vanadium		NA	NA	NA	7.90	9.20
Zinc		NA	NA	NA	35.0	49.0

TABLE 3
SUPPLEMENTAL PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

SUPPLEMENTAL PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS J AND K REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA15-E15N 3-6 05/04/04	RAA15-E15N 4-6 05/04/04	RAA15-E15N 6-10 05/04/04	RAA15-E15N 8-10 05/04/04	RAA15-E15W 0-1 05/03/04
Volatile Organics					
Acetone	NA	ND(0.022)	NA	ND(0.022)	ND(0.023)
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	ND(0.37)	NA	NA	NA	ND(0.39)
1,2,4-Trichlorobenzene	ND(0.37)	NA	NA	NA	ND(0.39)
2,4-Dinitrotoluene	ND(0.37)	NA	NA	NA	ND(0.39)
2-Methylnaphthalene	ND(0.37)	NA	NA	NA	ND(0.39)
3&4-Methylphenol	ND(0.74)	NA	NA	NA	ND(0.78)
Acenaphthene	0.20 J	NA	NA	NA	0.12 J
Acenaphthylene	ND(0.37)	NA	NA	NA	0.085 J
Aniline	ND(0.37)	NA	NA	NA	ND(0.39)
Anthracene	0.39	NA	NA	NA	0.39
Benzo(a)anthracene	0.65	NA	NA	NA	1.0
Benzo(a)pyrene	0.38	NA	NA	NA	0.62
Benzo(b)fluoranthene	0.34 J	NA	NA	NA	0.65
Benzo(g,h,i)perylene	0.24 J	NA	NA	NA	0.36 J
Benzo(k)fluoranthene	0.36 J	NA	NA	NA	0.67
bis(2-Ethylhexyl)phthalate	ND(0.36)	NA	NA	NA	ND(0.38)
Chrysene	0.65	NA	NA	NA	1.0
Dibenzo(a,h)anthracene	ND(0.37)	NA	NA	NA	0.13 J
Dibenzofuran	0.13 J	NA	NA	NA	0.081 J
Di-n-Butylphthalate	ND(0.37)	NA	NA	NA	ND(0.39)
Fluoranthene	1.6	NA	NA	NA	2.6
Fluorene	0.16 J	NA	NA	NA	0.13 J
Indeno(1,2,3-cd)pyrene	0.19 J	NA	NA	NA	0.31 J
Naphthalene	0.12 J	NA	NA	NA	ND(0.39)
Pentachlorobenzene	ND(0.37)	NA	NA	NA	ND(0.39)
Phenanthrene	1.4	NA	NA	NA	1.3
Pyrene	1.4	NA	NA	NA	2.2
Furans					
2,3,7,8-TCDF	0.0000095 Y	NA	0.0000035 Y	NA	0.000012 Y
TCDFs (total)	0.00011 QI	NA	0.000033 QI	NA	0.00018 Q
1,2,3,7,8-PeCDF	0.0000048	NA	0.0000018 J	NA	0.0000081
2,3,4,7,8-PeCDF	0.000013	NA	0.0000038	NA	0.000027
PeCDFs (total)	0.00010 QI	NA	0.000036 QI	NA	0.00019 Q
1,2,3,4,7,8-HxCDF	0.000015	NA	0.0000021 J	NA	0.000020
1,2,3,6,7,8-HxCDF	0.0000068	NA	0.0000014 J	NA	0.0000098
1,2,3,7,8,9-HxCDF	0.0000049 Q	NA	0.00000068 JQ	NA	0.0000025 Q
2,3,4,6,7,8-HxCDF	0.000011	NA	0.0000020 J	NA	0.000019
HxCDFs (total)	0.00019 Q	NA	0.000029 Q	NA	0.00036 Q
1,2,3,4,6,7,8-HpCDF	0.000033	NA	0.0000073	NA	0.000062
1,2,3,4,7,8,9-HpCDF	0.0000051	NA	0.00000052 J	NA	0.000012
HpCDFs (total)	0.000084	NA	0.000014	NA	0.00014
OCDF	0.000042	NA	0.0000067	NA	0.000077

TABLE 3
SUPPLEMENTAL PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

SUPPLEMENTAL PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS J AND K REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA15-E15N 3-6 05/04/04	RAA15-E15N 4-6 05/04/04	RAA15-E15N 6-10 05/04/04	RAA15-E15N 8-10 05/04/04	RAA15-E15W 0-1 05/03/04
Dioxins						
2,3,7,8-TCDD		0.00000039 J	NA	ND(0.000000099) X	NA	0.00000027 J
TCDDs (total)		0.0000091	NA	0.00000022	NA	0.0000030 Q
1,2,3,7,8-PeCDD		0.0000044	NA	0.00000044 J	NA	0.0000013 J
PeCDDs (total)		0.000071 Q	NA	0.0000045 Q	NA	0.0000059 Q
1,2,3,4,7,8-HxCDD		0.0000050	NA	0.00000030 J	NA	0.0000010 J
1,2,3,6,7,8-HxCDD		0.000015	NA	0.0000011 J	NA	0.0000022 J
1,2,3,7,8,9-HxCDD		0.0000097	NA	0.00000060 J	NA	0.0000020 J
HxCDDs (total)		0.00015	NA	0.000011	NA	0.000017
1,2,3,4,6,7,8-HpCDD		0.000055	NA	0.0000085	NA	0.000032
HpCDDs (total)		0.00015	NA	0.000017	NA	0.000062
OCDD		0.00030	NA	0.000079	NA	0.00030
Total TEQs (WHO TEFs)		0.000020	NA	0.0000038	NA	0.000023
Inorganics						
Antimony		1.60 J	NA	NA	NA	ND(6.00)
Arsenic		7.70	NA	NA	NA	5.10
Barium		140	NA	NA	NA	47.0
Beryllium		0.210 B	NA	NA	NA	0.160 B
Cadmium		1.00	NA	NA	NA	0.680
Chromium		10.0	NA	NA	NA	8.10
Cobalt		6.20	NA	NA	NA	5.60
Copper		96.0	NA	NA	NA	26.0
Cyanide		0.100 B	NA	NA	NA	0.150
Lead		200	NA	NA	NA	120
Mercury		0.260	NA	NA	NA	0.270
Nickel		14.0	NA	NA	NA	11.0
Selenium		ND(1.00) J	NA	NA	NA	0.890 J
Silver		ND(1.00)	NA	NA	NA	ND(1.00)
Sulfide		16.0	NA	NA	NA	410
Tin		ND(10)	NA	NA	NA	ND(10)
Vanadium		11.0	NA	NA	NA	7.60
Zinc		180	NA	NA	NA	67.0

TABLE 3
SUPPLEMENTAL PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

SUPPLEMENTAL PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS J AND K REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA15-E15W 1-3 05/03/04	RAA15-E15W 3-6 05/03/04	RAA15-E15W 4-6 05/03/04	RAA15-E15W 10-12 05/03/04	RAA15-E15W 10-15 05/03/04
Volatile Organics						
Acetone		ND(0.022)	NA	ND(0.022)	ND(0.027)	NA
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene		ND(0.37)	ND(0.50)	NA	NA	ND(0.43)
1,2,4-Trichlorobenzene		ND(0.37) J	ND(0.50)	NA	NA	ND(0.43)
2,4-Dinitrotoluene		ND(0.37)	ND(0.50)	NA	NA	ND(0.43)
2-Methylnaphthalene		ND(0.37)	ND(0.50)	NA	NA	ND(0.43)
3&4-Methylphenol		ND(0.75)	ND(0.78)	NA	NA	ND(0.87)
Acenaphthene		0.12 J	ND(0.50)	NA	NA	ND(0.43)
Acenaphthylene		ND(0.37)	ND(0.50)	NA	NA	ND(0.43)
Aniline		ND(0.37)	ND(0.50)	NA	NA	ND(0.43)
Anthracene		0.40	0.28 J	NA	NA	ND(0.43)
Benzo(a)anthracene		0.77	0.84	NA	NA	ND(0.43)
Benzo(a)pyrene		0.36 J	0.43 J	NA	NA	ND(0.43)
Benzo(b)fluoranthene		0.36 J	0.38 J	NA	NA	ND(0.43)
Benzo(g,h,i)perylene		0.21 J	0.21 J	NA	NA	ND(0.43)
Benzo(k)fluoranthene		0.38	0.41 J	NA	NA	ND(0.43)
bis(2-Ethylhexyl)phthalate		ND(0.37)	ND(0.38)	NA	NA	ND(0.43)
Chrysene		0.77	0.83	NA	NA	ND(0.43)
Dibenzo(a,h)anthracene		ND(0.37)	ND(0.50)	NA	NA	ND(0.43)
Dibenzofuran		0.074 J	ND(0.50)	NA	NA	ND(0.43)
Di-n-Butylphthalate		ND(0.37)	ND(0.50)	NA	NA	ND(0.43)
Fluoranthene		2.0	2.1	NA	NA	ND(0.43)
Fluorene		0.16 J	ND(0.50)	NA	NA	ND(0.43)
Indeno(1,2,3-cd)pyrene		0.19 J	0.20 J	NA	NA	ND(0.43)
Naphthalene		ND(0.37)	ND(0.50)	NA	NA	ND(0.43)
Pentachlorobenzene		ND(0.37)	ND(0.50)	NA	NA	ND(0.43)
Phenanthrene		1.4	0.78	NA	NA	ND(0.43)
Pyrene		1.6 J	1.7	NA	NA	0.39 J
Furans						
2,3,7,8-TCDF		0.0000067 Y	0.0000053 Y	NA	NA	0.00000040 J
TCDFs (total)		0.000064 Q	0.000043 Q	NA	NA	0.00000040
1,2,3,7,8-PeCDF		0.0000028 Q	0.0000026 Q	NA	NA	ND(0.00000026)
2,3,4,7,8-PeCDF		0.0000063 Q	0.0000037 Q	NA	NA	ND(0.00000024)
PeCDFs (total)		0.000025 Q	0.000017 Q	NA	NA	ND(0.00000019)
1,2,3,4,7,8-HxCDF		0.0000043	0.0000033	NA	NA	0.00000038 J
1,2,3,6,7,8-HxCDF		0.0000027	0.0000016 J	NA	NA	ND(0.00000024)
1,2,3,7,8,9-HxCDF		0.00000039 JQ	0.00000041 JQ	NA	NA	ND(0.00000029)
2,3,4,6,7,8-HxCDF		0.0000049	0.0000026	NA	NA	ND(0.00000024)
HxCDFs (total)		0.000075 Q	0.000042 Q	NA	NA	0.00000065
1,2,3,4,6,7,8-HpCDF		0.000023	0.000016	NA	NA	ND(0.00000024) X
1,2,3,4,7,8,9-HpCDF		0.0000018 J	0.0000012 J	NA	NA	ND(0.00000024)
HpCDFs (total)		0.000067	0.000054	NA	NA	0.00000017
OCDF		0.000030	0.000028	NA	NA	ND(0.00000049)

TABLE 3
SUPPLEMENTAL PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

SUPPLEMENTAL PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS J AND K REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Sample ID: / Sample Depth(Feet): / Date Collected:	RAA15-E15W 1-3 05/03/04	RAA15-E15W 3-6 05/03/04	RAA15-E15W 4-6 05/03/04	RAA15-E15W 10-12 05/03/04	RAA15-E15W 10-15 05/03/04
Dioxins					
2,3,7,8-TCDD	0.00000016 JQ	ND(0.00000014)	NA	NA	ND(0.00000017)
TCDDs (total)	0.0000017 Q	0.00000097 Q	NA	NA	ND(0.00000023)
1,2,3,7,8-PeCDD	0.00000069 JQ	0.00000038 JQ	NA	NA	ND(0.00000024)
PeCDDs (total)	0.0000025 Q	0.0000028 Q	NA	NA	ND(0.00000038)
1,2,3,4,7,8-HxCDD	0.00000044 J	0.00000041 J	NA	NA	ND(0.00000024)
1,2,3,6,7,8-HxCDD	0.0000045	0.0000026	NA	NA	ND(0.00000024)
1,2,3,7,8,9-HxCDD	0.0000014 JQ	0.0000010 J	NA	NA	ND(0.00000024)
HxCDDs (total)	0.000034 Q	0.000012	NA	NA	ND(0.00000030)
1,2,3,4,6,7,8-HpCDD	0.000049	0.000069	NA	NA	0.00000039 J
HpCDDs (total)	0.00010	0.00013	NA	NA	0.00000070
OCDD	0.00039	0.0011	NA	NA	ND(0.0000017)
Total TEQs (WHO TEFs)	0.0000075	0.0000051	NA	NA	0.00000043
Inorganics					
Antimony	ND(6.00)	2.00 B	NA	NA	ND(6.00)
Arsenic	5.20	5.60	NA	NA	2.60
Barium	76.0	77.0	NA	NA	36.0
Beryllium	0.250 B	0.230 B	NA	NA	0.400 B
Cadmium	0.510	0.590	NA	NA	0.550
Chromium	5.80	8.70	NA	NA	15.0
Cobalt	7.10	8.30	NA	NA	7.00
Copper	21.0	22.0	NA	NA	14.0
Cyanide	0.100 B	0.110 B	NA	NA	0.0420 B
Lead	200	140	NA	NA	10.0
Mercury	0.350	0.150	NA	NA	0.250
Nickel	14.0	11.0	NA	NA	11.0
Selenium	ND(1.00) J	ND(1.00) J	NA	NA	0.920 J
Silver	ND(1.00)	0.210 B	NA	NA	ND(1.00)
Sulfide	7.20	7.40	NA	NA	8.30
Tin	ND(10)	ND(10)	NA	NA	ND(10)
Vanadium	8.00	7.60	NA	NA	8.70
Zinc	91.0	99.0	NA	NA	45.0

TABLE 3
SUPPLEMENTAL PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

SUPPLEMENTAL PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS J AND K REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Notes:
1. Samples were collected by Blasland Bouck & Lee, Inc., and submitted to CT&E Environmental Services, Inc. for analysis of Appendix IX+3 constituents.
2. Samples have been validated as per Field Sampling Plan/Quality Assurance Project Plan, General Electric Company, Pittsfield, Massachusetts, Blasland Bouck & Lee, Inc. (approved November 4, 2002 and resubmitted December 10, 2002).
3. NA - Not Analyzed.
4. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
5. Total 2,3,7,8-TCDD toxicity equivalents (TEQs) were calculated using Toxicity Equivalency Factors (TEFs) derived by the World Health Organization (WHO) and published by Van den Berg et al. in Environmental Health Perspectives 106(2), December 1998.
6. With the exception of dioxin/furans, only those constituents detected in one or more samples are summarized.
7. Field duplicate sample results are presented in brackets.

Data Qualifiers:

Organics (volatiles, semivolatiles, dioxin/furans)
- E - Analyte exceeded calibration range.
- J - Indicates that the associated numerical value is an estimated concentration.
- I - Polychlorinated Diphenyl Ether (PCDPE) Interference.
- Q - Indicates the presence of quantitative interferences.
- 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
- B - Indicates an estimated value between the instrument detection limit (IDL) and practical quantitation limit (PQL).
- J - Indicates that the associated numerical value is an estimated concentration.

Figures

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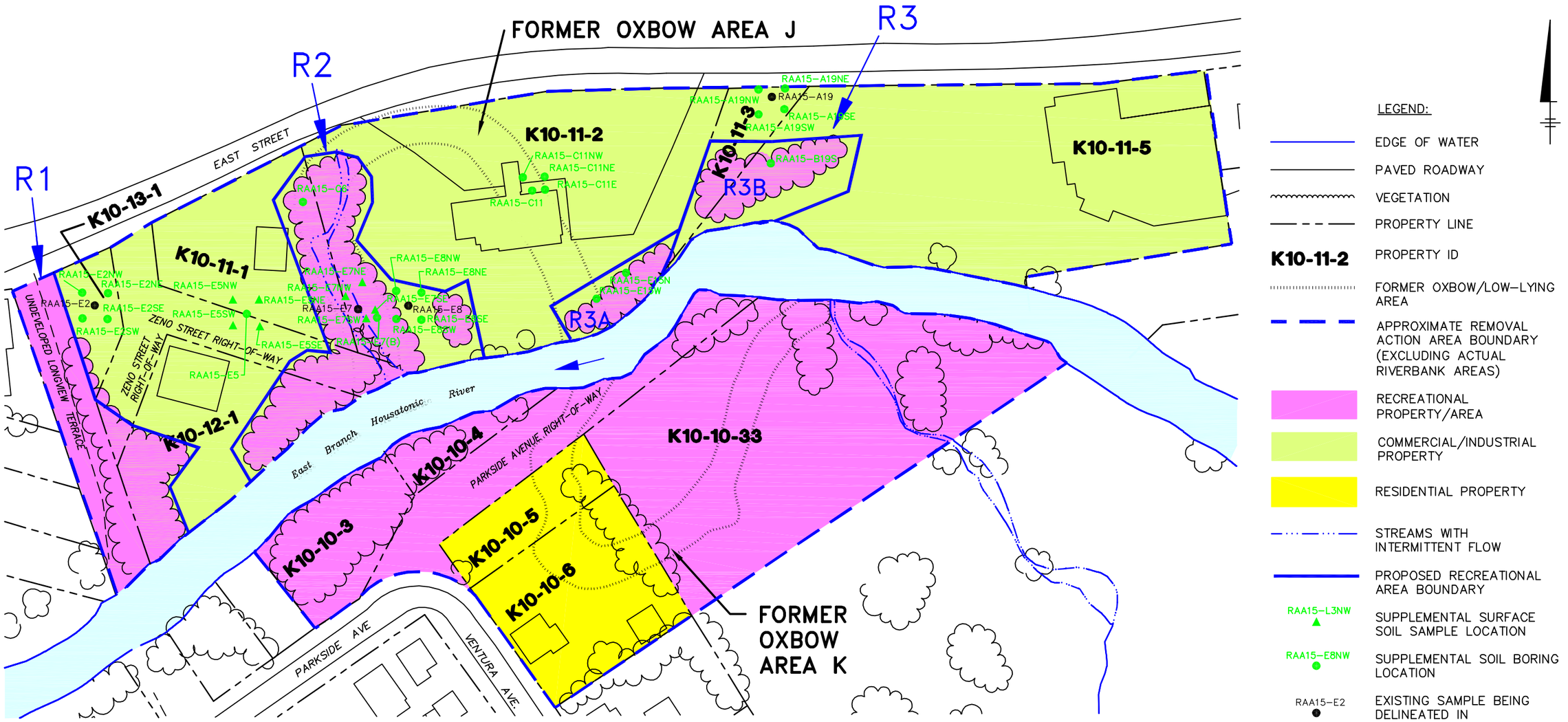


NOTES:

1. THE BASE MAP FEATURES PRESENTED ON THIS FIGURE WERE PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS.
2. TAX ASSESSOR'S PARCEL IDENTIFICATION NUMBERS AND BOUNDARY INFORMATION OBTAINED FROM CITY OF PITTSFIELD'S TAX ASSESSOR'S OFFICE, CURRENT THROUGH MAY 2002.
3. PROPERTY USE DESIGNATIONS REFLECT CURRENT AND FORESEEABLE FUTURE USE.

GENERAL ELECTRIC COMPANY
PITTSFIELD MASSACHUSETTS

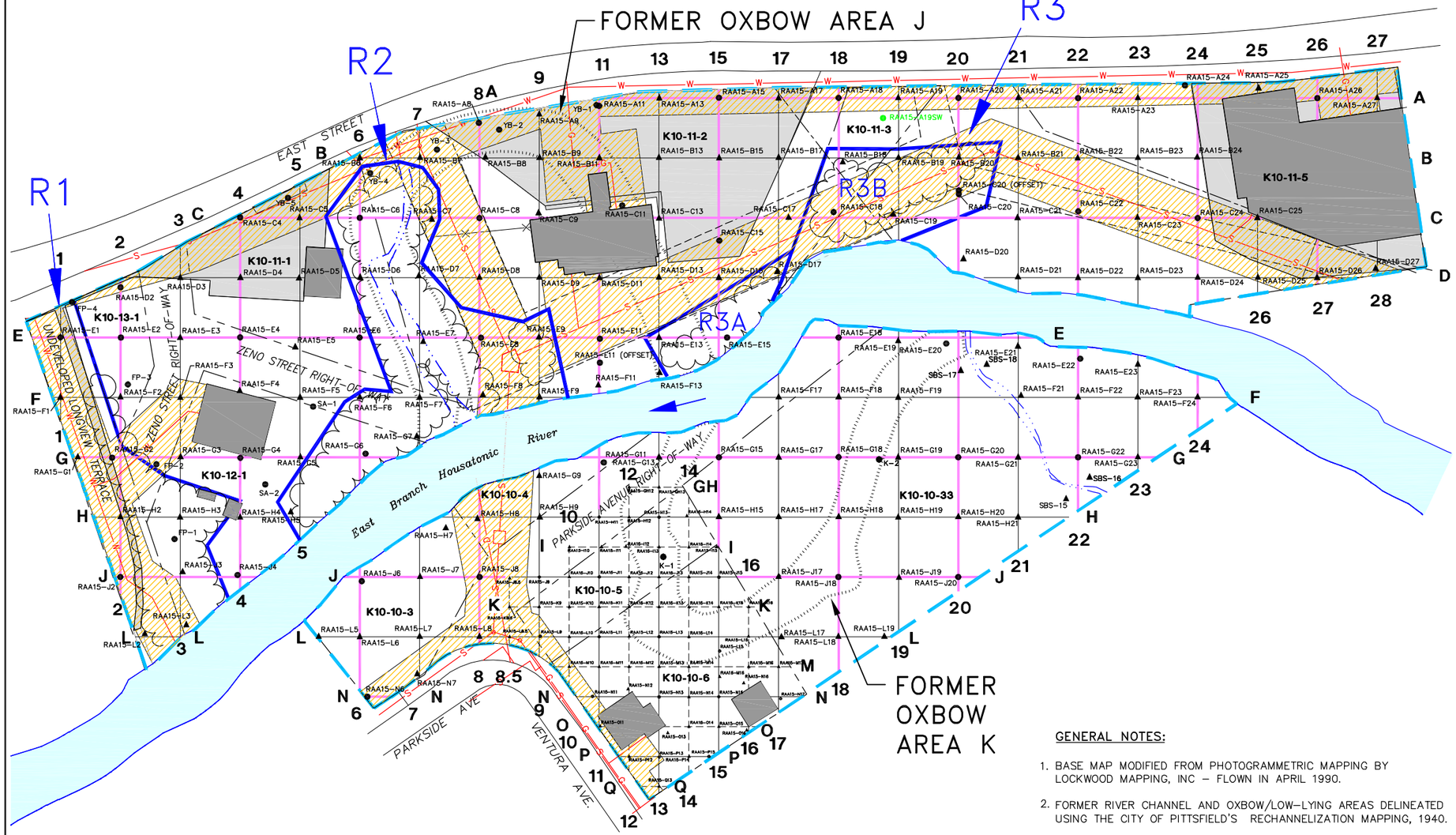
FORMER OXBOW AREAS J AND K

SUMMARY OF SUPPLEMENTAL SOIL SAMPLE LOCATIONS

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

FIGURE 1

X: 20425X04.DWG
L: ON=*, OFF=REF*
P: PAGESET/PLT-BL1
6/28/04 SYR-54-LAF NJR DMW
N/20425001/APPEN_IX/20425G07.DWG



LEGEND

- APPROXIMATE REMOVAL ACTION AREA BOUNDARY
- PROPERTY LINE
- WESTERN MASS. ELECTRIC CO. EASEMENT
- SEWER EASEMENT
- K10-10-6 — PROPERTY ID
- ▲ FP-1 — SURFACE SOIL SAMPLE LOCATION
- ● YB-3 — SOIL BORING LOCATION
- ● RAA15-A19SW — SUPPLEMENTAL SOIL BORING LOCATION
- BUILDING
- PAVED AREA
- FORMER OXBOW/LOW-LYING AREA
- S — APPROXIMATE SEWER LOCATION
- D — APPROXIMATE STORM DRAIN LOCATION
- W — APPROXIMATE WATER MAIN LOCATION
- G — APPROXIMATE GAS LINE LOCATION
- APPROXIMATE LOCATION OF BAND SURROUNDING SUBSURFACE UTILITIES (25 FEET WIDE ON EACH SIDE OF UTILITY)
- STREAMS WITH INTERMITTENT FLOW
- 25-FOOT SAMPLING GRID
- 50-FOOT SAMPLING GRID
- 100-FOOT GRID SAMPLING GRID
- PROPOSED RECREATIONAL AREA BOUNDARY

GENERAL NOTES:

1. BASE MAP MODIFIED FROM PHOTOGRAMMETRIC MAPPING BY LOCKWOOD MAPPING, INC – FLOWN IN APRIL 1990.
2. FORMER RIVER CHANNEL AND OXBOW/LOW-LYING AREAS DELINEATED USING THE CITY OF PITTSFIELD'S RECHANNELIZATION MAPPING, 1940.
3. EASEMENTS AND PROPERTY LINES ARE APPROXIMATE.
4. (OFFSET) REFERS TO ADDITIONAL DRILLING LOCATION NEEDED BECAUSE OF EQUIPMENT REFUSAL AT INITIAL BORING.

0 100' 200'

GRAPHIC SCALE

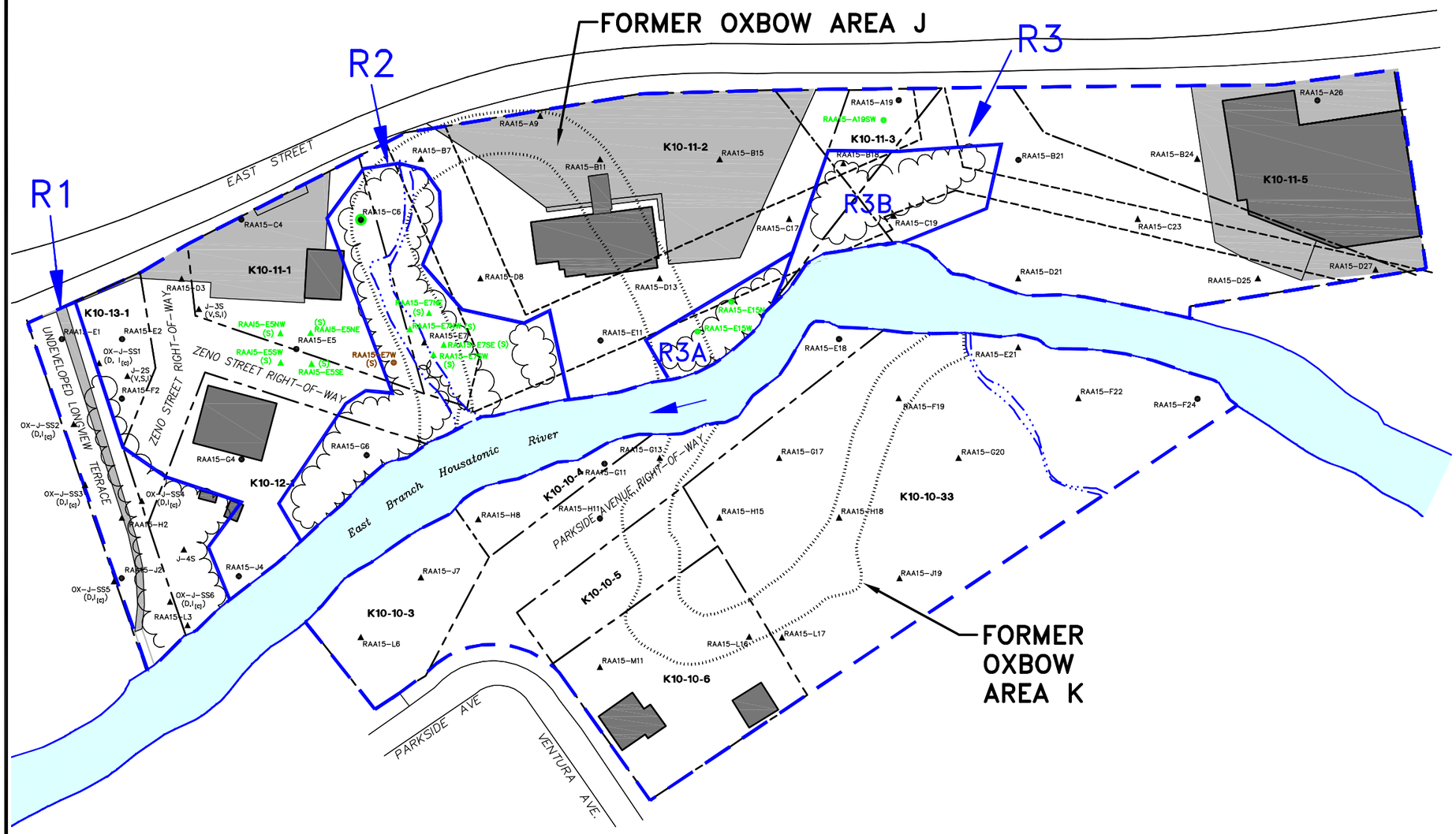
GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS
FORMER OXBOW AREAS J AND K

EXISTING PCB SOIL SAMPLE LOCATIONS

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

FIGURE 2

X: 20425X05.DWG
L: ON=*, OFF=REF*
P: PAGESET/PLT-DL1
6/28/04 SYR-85-LAS NJR DMW
N/20425001/APPEN_JX/20425G01.DWG



LEGEND

- APPROXIMATE REMOVAL ACTION AREA BOUNDARY
- PROPERTY LINE
- WESTERN MASS. ELECTRIC CO. EASEMENT
- SEWER EASEMENT
- VEGETATION
- K10-10-6 — PROPERTY ID
- ▲ OX-J-SS1 — SURFACE SOIL SAMPLE LOCATION
- ● RAA15-E11 — SOIL BORING LOCATION
- ▲ RAA15-E5NW — SUPPLEMENTAL SURFACE SOIL SAMPLE LOCATION
- ● RAA15-E15N — SUPPLEMENTAL SOIL BORING LOCATION
- ◉ RAA15-C6 — SURFACE SOIL SAMPLE LOCATION AND SUPPLEMENTAL SOIL BORING LOCATION
- ● RAA15-E7W — PROPOSED ADDITIONAL SUPPLEMENTAL SOIL BORING LOCATION
- BUILDING
- PAVED AREA
- FORMER OXBOW/LOW-LYING AREA
- STREAMS WITH INTERMITTENT FLOW
- PROPOSED RECREATIONAL AREA BOUNDARY

GENERAL NOTES:

1. BASE MAP MODIFIED FROM PHOTOGRAMMETRIC MAPPING BY LOCKWOOD MAPPING, INC – FLOWN IN APRIL 1990.
2. FORMER RIVER CHANNEL AND OXBOW/LOW-LYING AREAS DELINEATED USING THE CITY OF PITTSFIELD'S RECHANNELIZATION MAPPING, 1940.
3. EASEMENTS AND PROPERTY LINES ARE APPROXIMATE.
4. SOIL SAMPLES HAVE BEEN OR WILL BE ANALYZED FOR ALL APPENDIX IX+3 CONSTITUENTS (EXCLUDING PESTICIDES AND HERBICIDES) UNLESS INDICATED IN PARENTHESES THAT THEY WERE OR WILL BE ANALYZED ONLY FOR ONE OR MORE OF THE FOLLOWING CONSTITUENT GROUPS:

   V = VOLATILE ORGANIC COMPOUNDS (VOCs)
   S = SEMI-VOLATILE ORGANIC COMPOUNDS (SVOCs)
   D = POLYCHLORINATED DIBENZO-P-DIOXINS (PCDDs) AND POLYCHLORINATED DIBENZOFURANS (PCDFs)
   I = INORGANICS
   $I_{(c)}$ = SAMPLE WAS ANALYZED FOR CYANIDE ONLY

0 100' 200'

GRAPHIC SCALE

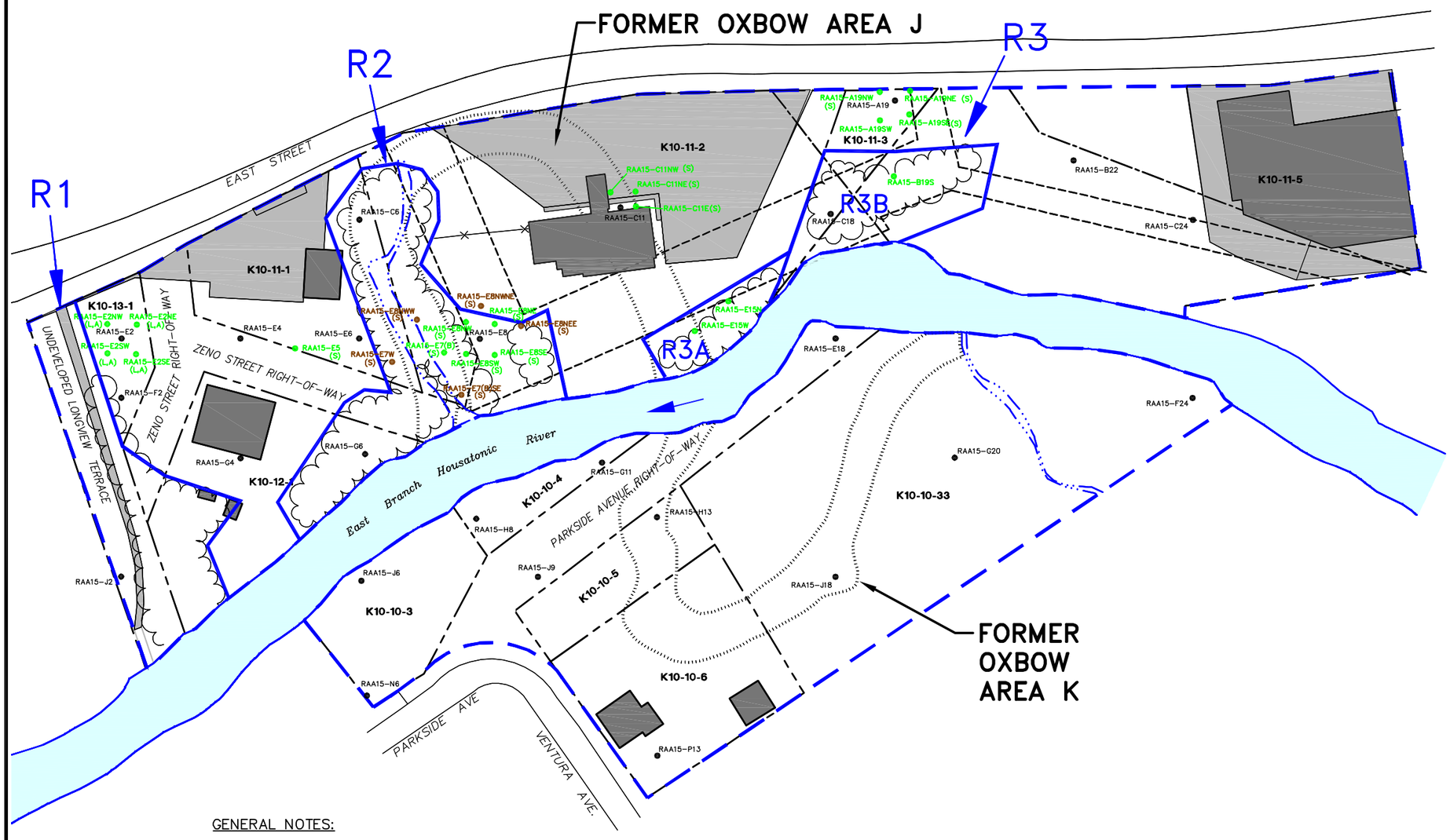
X: 20425X05.DWG
L: ON=*, OFF=REF*, |EASE-25, |FENCE, |*GRID, |SEWER, |SHD-ESMT, |STORM, *|U-
P: PAGESET/SYR-BL
6/28/04 SYR-85-NES NJR DMW
N/20425001/APPEN_IX/20425G02.DWG

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS
FORMER OXBOW AREAS J AND K

EXISTING AND PROPOSED APPENDIX IX + 3 SOIL SAMPLE LOCATIONS (0- TO 1- FOOT INTERVAL)

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

FIGURE 3



LEGEND

- APPROXIMATE REMOVAL ACTION AREA BOUNDARY
- PROPERTY LINE
- WESTERN MASS. ELECTRIC CO. EASEMENT
- SEWER EASEMENT
- VEGETATION
- K10-10-6 PROPERTY ID
- RAA15-G20 SOIL BORING LOCATION
- RAA15-C11NE SUPPLEMENTAL SOIL BORING LOCATION
- RAA15-E8NEE PROPOSED ADDITIONAL SUPPLEMENTAL SOIL BORING LOCATION
- BUILDING
- PAVED AREA
- FORMER OXBOW/LOW-LYING AREA
- STREAMS WITH INTERMITTENT FLOW
- PROPOSED RECREATIONAL AREA BOUNDARY

GENERAL NOTES:

1. BASE MAP MODIFIED FROM PHOTOGRAMMETRIC MAPPING BY LOCKWOOD MAPPING, INC – FLOWN IN APRIL 1990.
2. FORMER RIVER CHANNEL AND OXBOW/LOW-LYING AREAS DELINEATED USING THE CITY OF PITTSFIELD'S RECHANNELIZATION MAPPING, 1940.
3. EASEMENTS AND PROPERTY LINES ARE APPROXIMATE.
4. SOIL SAMPLES HAVE BEEN OR WILL BE ANALYZED FOR ALL APPENDIX IX+3 CONSTITUENTS (EXCLUDING PESTICIDES AND HERBICIDES) UNLESS INDICATED IN PARENTHESES THAT THEY WERE OR WILL BE ANALYZED ONLY FOR ONE OR MORE OF THE FOLLOWING CONSTITUENT GROUPS:

   V = VOLATILE ORGANIC COMPOUNDS (VOCs)
   S = SEMI-VOLATILE ORGANIC COMPOUNDS (SVOCs)
   D = POLYCHLORINATED DIBENZO-P-DIOXINS (PCDDs) AND POLYCHLORINATED DIBENZOFURANS (PCDFs)
   I = INORGANICS
   L,A = LEAD AND ANTIMONY ONLY

5. (B) REFERS TO ADDITIONAL SUPPLEMENTAL DRILLING LOCATION NEEDED FOR VERTICAL DELINEATION.

0 100' 200'
GRAPHIC SCALE

X: 20425X05.DWG
L: ON=*, OFF=REF*, |EASE-25, |FENCE, |*GRID, |SEWER, |SHD-ESMT, |STORM, *|U-
P: PAGESET/PLT-BL1
6/28/04 SYR-85-LJP NJR DMW
N/20425001/APPEN_IX/20425G03.DWG

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS
FORMER OXBOW AREAS J AND K

EXISTING AND PROPOSED APPENDIX IX + 3 SOIL SAMPLE LOCATIONS (1- TO 3- FOOT INTERVAL)

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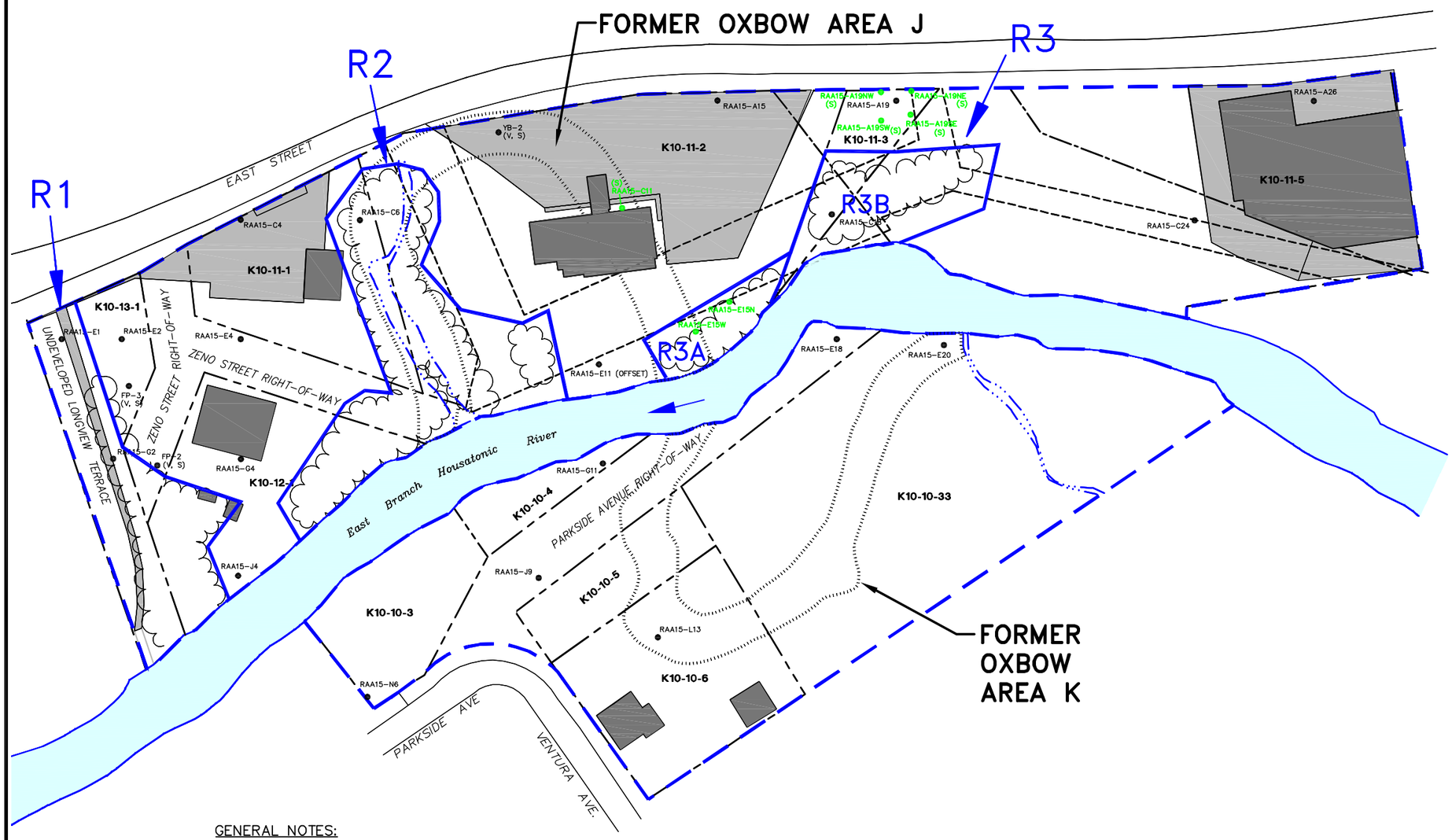
FIGURE 4



LEGEND

- APPROXIMATE REMOVAL ACTION AREA BOUNDARY
- PROPERTY LINE
- WESTERN MASS. ELECTRIC CO. EASEMENT
- SEWER EASEMENT
- VEGETATION
- K10-10-6 PROPERTY ID
- YB–2 SOIL BORING LOCATION
- RAA15–E15N SUPPLEMENTAL SOIL BORING LOCATION
- BUILDING
- PAVED AREA
- FORMER OXBOW/LOW–LYING AREA
- STREAMS WITH INTERMITTENT FLOW
- PROPOSED RECREATIONAL AREA BOUNDARY

GENERAL NOTES:

1. BASE MAP MODIFIED FROM PHOTOGRAMMETRIC MAPPING BY LOCKWOOD MAPPING, INC – FLOWN IN APRIL 1990.
2. FORMER RIVER CHANNEL AND OXBOW/LOW–LYING AREAS DELINEATED USING THE CITY OF PITTSFIELD'S RECHANNELIZATION MAPPING, 1940.
3. EASEMENTS AND PROPERTY LINES ARE APPROXIMATE.
4. SOIL SAMPLES HAVE BEEN ANALYZED FOR ALL APPENDIX IX+3 CONSTITUENTS (EXCLUDING PESTICIDES AND HERBICIDES) UNLESS INDICATED IN PARENTHESES THAT THEY WERE ANALYZED ONLY FOR ONE OR MORE OF THE FOLLOWING CONSTITUENT GROUPS:

   V = VOLATILE ORGANIC COMPOUNDS (VOCs)
   S = SEMI–VOLATILE ORGANIC COMPOUNDS (SVOCs)
   D = POLYCHLORINATED DIBENZO–P–DIOXINS (PCDDs) AND POLYCHLORINATED DIBENZOFURANS (PCDFs)
   I = INORGANICS

5. (OFFSET) REFERS TO ADDITIONAL DRILLING LOCATION NEEDED BECAUSE OF EQUIPMENT REFUSAL AT INITIAL BORING.

0 100' 200'
GRAPHIC SCALE

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS
FORMER OXBOW AREAS J AND K

EXISTING APPENDIX IX + 3 SOIL SAMPLE LOCATIONS (3- TO 6- FOOT INTERVAL)

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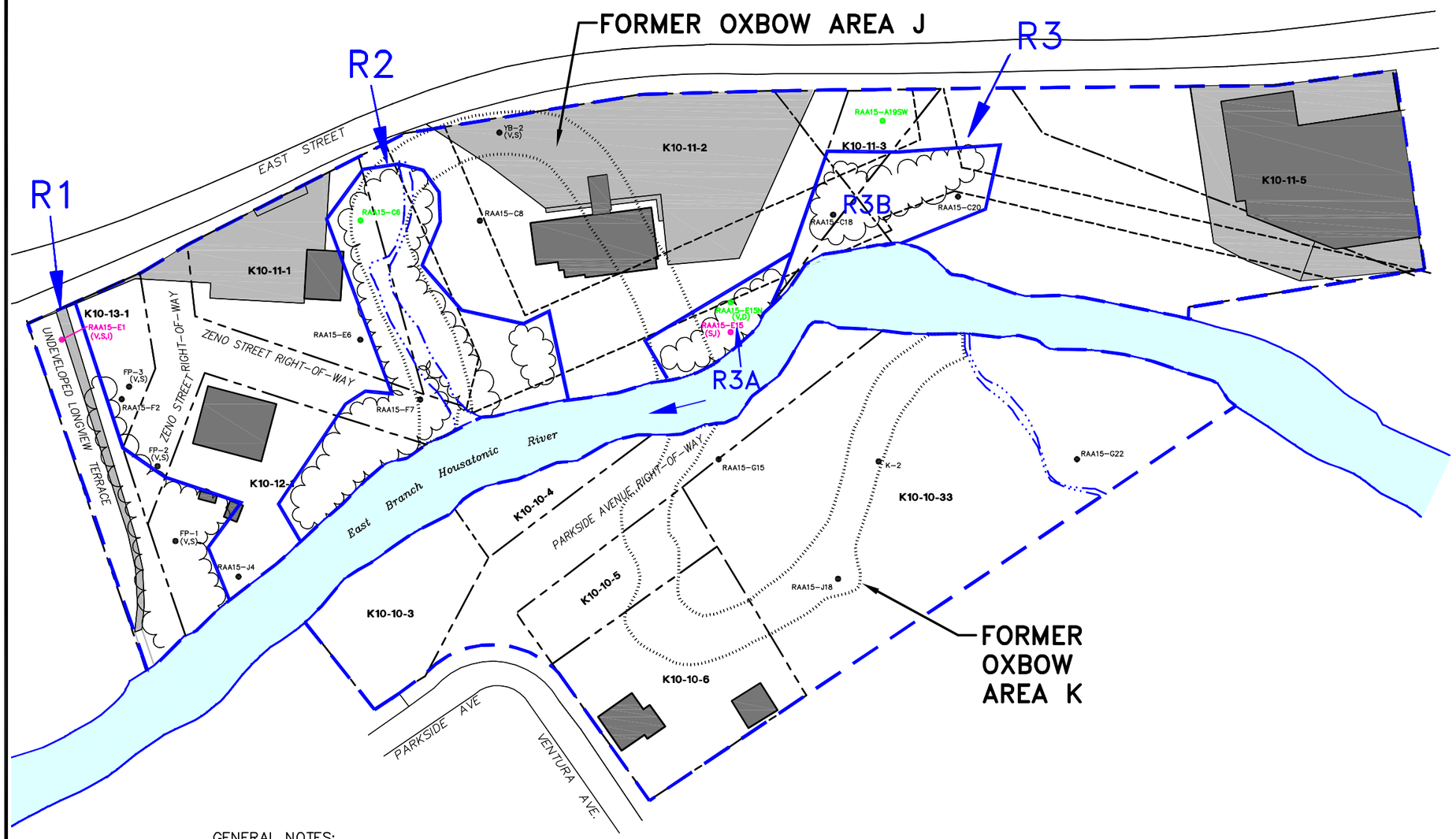
FIGURE 5

X: 20425X05.DWG
L: ON=*, OFF=REF*, |EASE–25, |FENCE, |*GRID, |SEWER, |SHD–ESMT, |STORM, *|U–
P: PAGESET/PLT–BL1
6/28/04 SYR–85–LAS NJR DMW
N/20425001/APPEN_IX/20425G04.DWG



GENERAL NOTES:

1. BASE MAP MODIFIED FROM PHOTOGRAMMETRIC MAPPING BY LOCKWOOD MAPPING, INC – FLOWN IN APRIL 1990.
2. FORMER RIVER CHANNEL AND OXBOW/LOW-LYING AREAS DELINEATED USING THE CITY OF PITTSFIELD'S RECHANNELIZATION MAPPING, 1940.
3. EASEMENTS AND PROPERTY LINES ARE APPROXIMATE.
4. SOIL SAMPLES HAVE BEEN ANALYZED FOR ALL APPENDIX IX+3 CONSTITUENTS (EXCLUDING PESTICIDES AND HERBICIDES) UNLESS INDICATED IN PARENTHESES THAT THEY WERE ANALYZED ONLY FOR ONE OR MORE OF THE FOLLOWING CONSTITUENT GROUPS:

   V = VOLATILE ORGANIC COMPOUNDS (VOCs)
   S = SEMI-VOLATILE ORGANIC COMPOUNDS (SVOCs)
   D = POLYCHLORINATED DIBENZO-P-DIOXINS (PCDDs) AND POLYCHLORINATED DIBENZOFURANS (PCDFs)
   I = INORGANICS

0 100' 200'
GRAPHIC SCALE

X: 20425X05.DWG
L: ON=*, OFF=REF*, |EASE-25, |FENCE, |*GRID, |SEWER, |SHD-ESMT, |STORM, *|U-
P: PAGESET/PLT-BL1
6/28/04 SYR-85-NJR NJR DMW
N/20425001/APPEN_IX/20425G05.DWG

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS
FORMER OXBOW AREAS J AND K

EXISTING APPENDIX IX + 3 SOIL SAMPLE LOCATIONS (6- TO 10- FOOT INTERVAL)

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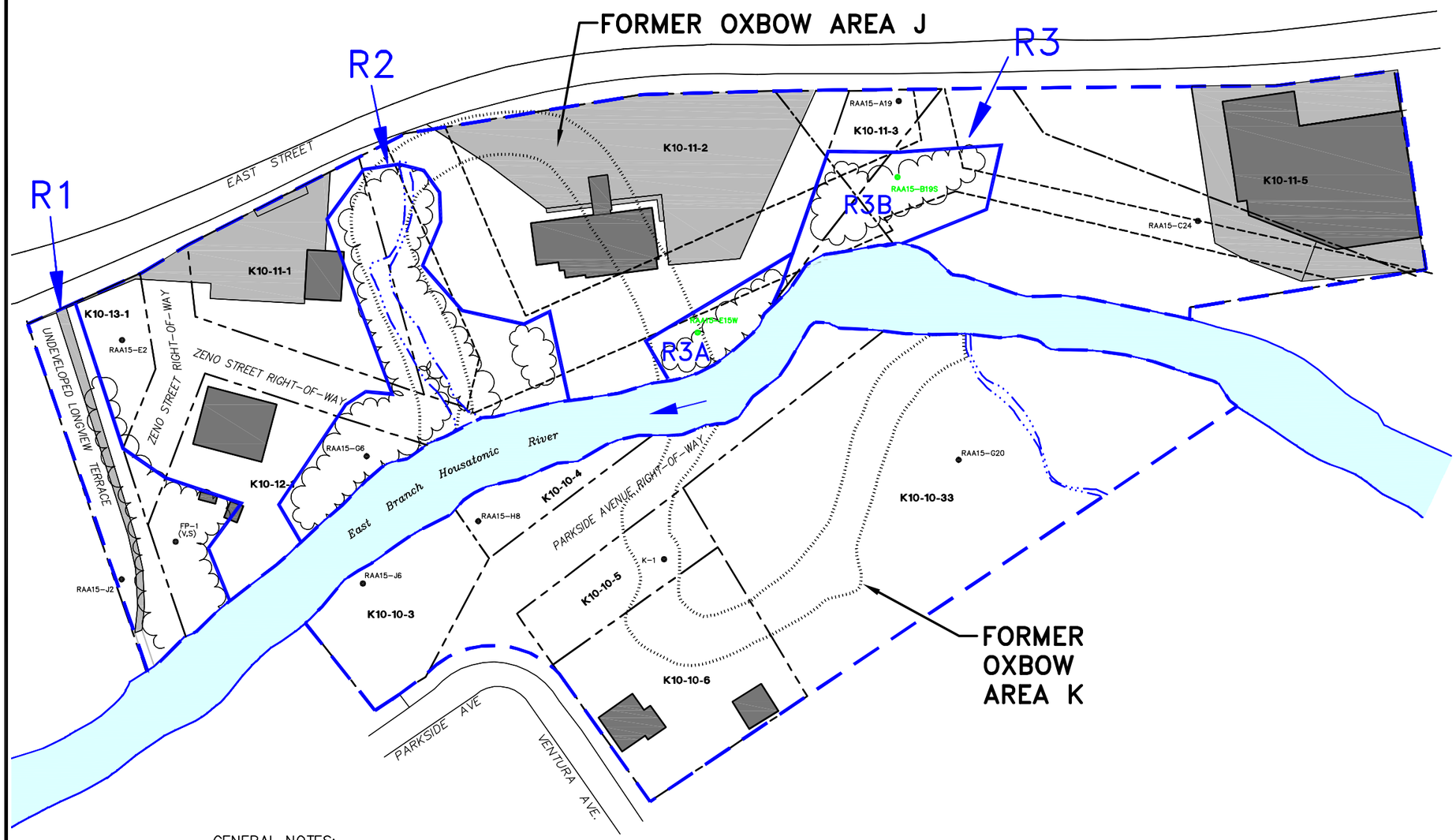
FIGURE 6



GENERAL NOTES:

1. BASE MAP MODIFIED FROM PHOTOGRAMMETRIC MAPPING BY LOCKWOOD MAPPING, INC – FLOWN IN APRIL 1990.
2. FORMER RIVER CHANNEL AND OXBOW/LOW-LYING AREAS DELINEATED USING THE CITY OF PITTSFIELD'S RECHANNELIZATION MAPPING, 1940.
3. EASEMENTS AND PROPERTY LINES ARE APPROXIMATE.
4. SOIL SAMPLES HAVE BEEN ANALYZED FOR ALL APPENDIX IX+3 CONSTITUENTS (EXCLUDING PESTICIDES AND HERBICIDES) UNLESS INDICATED IN PARENTHESES THAT THEY WERE ANALYZED ONLY FOR ONE OR MORE OF THE FOLLOWING CONSTITUENT GROUPS:

   V = VOLATILE ORGANIC COMPOUNDS (VOCs)
   S = SEMI-VOLATILE ORGANIC COMPOUNDS (SVOCs)
   D = POLYCHLORINATED DIBENZO-P-DIOXINS (PCDDs) AND POLYCHLORINATED DIBENZOFURANS (PCDFs)
   I = INORGANICS

0 100' 200'
GRAPHIC SCALE

X: 20425X05.DWG
L: ON=*, OFF=REF*, |EASE-25, |FENCE, |*GRID, |SEWER, |SHD-ESMT, |STORM, *|U-
P: PAGESET/SYR-BL1
6/28/04 SYR-85-NES LAF DMW
N/20425001/APPEN_IX/20425G06.DWG

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS
FORMER OXBOW AREAS J AND K

EXISTING APPENDIX IX + 3 SOIL SAMPLE LOCATIONS (10- TO 15- FOOT INTERVAL)

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FIGURE 7

Attachments

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engineers, scientists, economists

Attachment A

Soil Boring Logs

BLASLAND, BOUCK & LEE, INC.
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Date Start/Finish: 5/4/04 **Drilling Company:** BBL **Driller's Name:** EGR **Drilling Method:** Direct Push **Auger Size:** NA **Rig Type:** Tractor Mounted Power Probe **Sample Method:** 4' Macrocore	**Northing:** 534485.3 **Easting:** 135916.4 **Casing Elevation:** NA **Borehole Depth:** 6' below grade **Surface Elevation:** 991.9 **Descriptions By:** SLL	**Boring ID:** RAA15-A19NE **Client:** General Electric Company **Location:** Former Oxbow Areas J and K Supplemental Sampling

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0	1	0-1	2.6	0.0		Brown SILT, some fine Sand, trace gravel, moist.	Borehole backfilled with Bentonite.
990	2	1-3		0.1		Dark brown SILT, some fine Sand, trace gravel, moist.	
	3	3-4		0.3			
5	4	4-6	1.2	0.2		Dark brown SILT, fine Sand, little gravel, moist.	
985							
10							
980							
15							

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Remarks: bgs = below ground surface; NA = Not Applicable/Available.
Analyses: 1-3': SVOCs; 3-6': SVOCs.

Date Start/Finish: 5/4/04 **Drilling Company:** BBL **Driller's Name:** EGR **Drilling Method:** Direct Push **Auger Size:** NA **Rig Type:** Tractor Mounted Power Probe **Sample Method:** 4" Macrocore	**Northing:** 534464.3 **Easting:** 135890.9 **Casing Elevation:** NA **Borehole Depth:** 6' below grade **Surface Elevation:** 991.7 **Descriptions By:** SLL	**Boring ID:** RAA15-A19NW **Client:** General Electric Company **Location:** Former Oxbow Areas J and K Supplemental Sampling

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0							
990	1	0-1	2.8	0.0		Gray-brown SILT, little fine Sand, trace gravel, moist.	Borehole backfilled with Bentonite.
	2	1-3		0.1		Dark gray-brown fine to medium SAND, little Gravel, moist.	
	3	3-4		0.1			
5	4	4-6	2.0	1.2		Dark gray-brown fine to medium SAND, little Gravel, trace cinders, moist.	
						Light brown SILT, fine Sand, trace gravel, moist.	
985							
10							
980							
15							

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Remarks: bgs = below ground surface; NA = Not Applicable/Available.
Analyses: 1-3': SVOCs; 3-6': SVOCs;
Duplicate sample ID: JKS-Dup-3 (SVOCs, 1-3');
MS/MSD collected (SVOCs, 1-3').

Date Start/Finish: 5/4/04 **Drilling Company:** BBL **Driller's Name:** EGR **Drilling Method:** Direct Push **Auger Size:** NA **Rig Type:** Tractor Mounted Power Probe **Sample Method:** 4' Macrocore	**Northing:** 534445.4 **Easting:** 135915.7 **Casing Elevation:** NA **Borehole Depth:** 6' below grade **Surface Elevation:** 985.7 **Descriptions By:** SLL	**Boring ID:** RAA15-A19SE **Client:** General Electric Company **Location:** Former Oxbow Areas J and K Supplemental Sampling

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0 985	1	0-1	2.3	0.1		Brown SILT, fine Sand, trace fine gravel and organic material, moist.	Borehole backfilled with Bentonite.
	2	1-3		0.5		Brown SILT, trace fine Sand, moist.	
	3	3-4		0.6			
5 980	4	4-6	1.4	0.3		Brown SILT and fine SAND, moist.	
10 975							
15 970							

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Remarks: bgs = below ground surface; NA = Not Applicable/Available.
Analyses: 1-3': SVOCs; 3-6': SVOCs.

Date Start/Finish: 5/3/04 **Drilling Company:** BBL **Driller's Name:** JJB **Drilling Method:** Direct Push **Auger Size:** NA **Rig Type:** Tractor Mounted Power Probe **Sample Method:** 4' Macrocore	**Northing:** 534439.4 **Easting:** 135891.0 **Casing Elevation:** NA **Borehole Depth:** 15' below grade **Surface Elevation:** 986.0 **Descriptions By:** SLL	**Boring ID:** RAA15-A19SW **Client:** General Electric Company **Location:** Former Oxbow Areas J and K Supplemental Sampling

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0 / 985	1	0-1	2.3	0.1		Dark brown SILT, little fine Sand, moist.	Borehole backfilled with Bentonite.
	2	1-3		0.2			
	3	3-4		0.1			
5 / 980	4	4-6	4.0	0.0		Gray-brown fine SAND and SILT, trace Organic Material, moist.	
	5	6-8		0.0			
	6	8-10	4.0	0.0		Brown fine SAND, trace Silt, wet.	
10 / 975	7	10-12		0.0			
	8	12-14	3.0	0.1		Brown fine to medium SAND, little coarse Sand, wet.	
	9	14-15		0.0			
15							

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Remarks: bgs = below ground surface; NA = Not Applicable/Available.
Analyses: 0-1': VOCs, SVOCs, Inorganics, PCDD/PCDF; 1-3': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF; 3-6': PCBs, SVOCs; 6-10': PCBs, VOCs (6-8'), SVOCs, Inorganics, PCDD/PCDF; 10-15': PCBs; Duplicate sample ID: JKS-Dup-1 (PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF; 1-3');
MS/MSD collected (PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF; 6-10').

Date Start/Finish: 5/3/04 **Drilling Company:** BBL **Driller's Name:** JJB **Drilling Method:** Direct Push **Auger Size:** NA **Rig Type:** Tractor Mounted Power Probe **Sample Method:** 4' Macrocore	**Northing:** 534393.5 **Easting:** 135902.7 **Casing Elevation:** NA **Borehole Depth:** 15' below grade **Surface Elevation:** 979.8 **Descriptions By:** SLL	**Boring ID:** RAA15-B19S **Client:** General Electric Company **Location:** Former Oxbow Areas J and K Supplemental Sampling

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0 / 980	1	0-1	2.1	0.1		Dark brown SILT, little fine Sand and Clay, moist.	Borehole backfilled with Bentonite.
	2	1-3		0.0		Gray-brown fine SAND and SILT, moist.	
	3	3-4		0.1			
5 / 975	4	4-6	3.3	0.0		Dark brown fine SAND and SILT, little Organic Material, moist.	
	5	6-8		0.1			
	6	8-10	3.0	0.2		Wet at 8' bgs.	
10 / 970	7	10-12		0.0			
	8	12-14	3.0	0.0		Gray-brown fine SAND, trace coarse to medium Sand, coarse gravel, wet.	
15 / 965	9	14-15		0.0			

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Remarks: bgs = below ground surface; NA = Not Applicable/Available.
Analyses: 1-3': VOCs, SVOCs, Inorganics, PCDD/PCDF;
10-15': VOCs (10-12'), SVOCs, Inorganics, PCDD/PCDF.

Date Start/Finish: 4/30/04 **Drilling Company:** BBL **Driller's Name:** JJB **Drilling Method:** Direct Push **Auger Size:** NA **Rig Type:** Truck Mounted Power Probe **Sample Method:** 4' Macrocore	**Northing:** 534356.4 **Easting:** 135403.4 **Casing Elevation:** NA **Borehole Depth:** 15' below grade **Surface Elevation:** 990.1 **Descriptions By:** EGR	**Boring ID:** RAA15-C5 **Client:** General Electric Company **Location:** Former Oxbow Areas J and K Supplemental Sampling

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0 / 990	1	0-1	NA	NA		Attempt to pre-probe to 10' bgs.	Borehole backfilled with Bentonite.
	2	1-3	NA	NA			
	3	3-5	NA	NA			
5 / 985						Refusal at 5' bgs due to subsurface obstruction.	
10 / 980							
15 / 975							

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Remarks: bgs = below ground surface; NA = Not Applicable/Available.
Analyses: No samples collected due to refusal.

Date Start/Finish: 5/5/04 **Drilling Company:** BBL **Driller's Name:** DM **Drilling Method:** Direct Push **Auger Size:** NA **Rig Type:** Truck Mounted Power Probe **Sample Method:** 4' Macrocore	**Northing:** 534357.0 **Easting:** 135453.8 **Casing Elevation:** NA **Borehole Depth:** 10' below grade **Surface Elevation:** 984.9 **Descriptions By:** EGR	**Boring ID:** RAA15-C6 **Client:** General Electric Company **Location:** Former Oxbow Areas J and K Supplemental Sampling

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0	985	1	0-1	2.0	0.0		Brown SILT, fine Sand, trace organic material.	Borehole backfilled with Bentonite.
		2	1-3		0.0		Gray-brown SILT and fine SAND, little Gravel.	
		3	3-4		0.0			
5	980	4	4-6	2.2	0.0		Dark brown SILT, fine Sand, little gravel.	
		5	6-8		0.0			
		6	8-10	1.0	0.0		Gray fine SAND, medium Sand, trace coarse sand.	
10	975							
15	970							

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Remarks: bgs = below ground surface; NA = Not Applicable/Available.
Analyses: 0-1': SVOCs; 6-10': VOCs (6-8'), SVOCs, Inorganics, PCDD/PCDF.

Date Start/Finish: 5/5/04 **Drilling Company:** BBL **Driller's Name:** DM **Drilling Method:** Direct Push **Auger Size:** NA **Rig Type:** Truck Mounted Power Probe **Sample Method:** 4' Macrocore	**Northing:** 534367.2 **Easting:** 135673.8 **Casing Elevation:** NA **Borehole Depth:** 8' below grade **Surface Elevation:** 991.4 **Descriptions By:** EGR	**Boring ID:** RAA15-C11 **Client:** General Electric Company **Location:** Former Oxbow Areas J and K Supplemental Sampling

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0							
990	1	0-1	2.2	0.0		Brown SILT and fine SAND, little Gravel, trace clay.	Borehole backfilled with Bentonite.
	2	1-3		0.0			
	3	3-4		0.0			
5	4	4-6	3.2	0.0		Gray-brown SILT, little Gravel.	
985	5	6-8		0.0		Brown SILT, trace Gravel.	
10							
980							
15							

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Analyses: 3-6': SVOCs;
Duplicate sample ID: JKS-Dup-4 (SVOCs, 3-6').

Date Start/Finish: 4/30/04 and 5/5/04 **Drilling Company:** BBL **Driller's Name:** DM **Drilling Method:** Direct Push **Auger Size:** NA **Rig Type:** Truck Mounted Power Probe **Sample Method:** 4' Macrocore	**Northing:** 534368.1 **Easting:** 135686.1 **Casing Elevation:** NA **Borehole Depth:** 7' below grade **Surface Elevation:** 991.9 **Descriptions By:** EGR	**Boring ID:** RAA15-C11E **Client:** General Electric Company **Location:** Former Oxbow Areas J and K Supplemental Sampling

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0							
990	1	0-1	1.9	0.0		Gray-brown SILT.	Borehole backfilled with Bentonite.
	2	1-2		0.0		Brown SILT, little fine Sand.	
	3	2-3		0.0		Gray CONCRETE.	
	4	3-4		0.0			
5	5	4-5	NA	NA		Attempt to pre-probe to 10' bgs (4/30/04).	
985	6	5-7		NA			
10						Refusal at 7' bgs due to subsurface obstruction.	
980							
15							

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Remarks: bgs = below ground surface; NA = Not Applicable/Available.
Analyses: 1-3': SVOCs.

Date Start/Finish: 5/5/04
Drilling Company: BBL
Driller's Name: DM
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Truck Mounted Power Probe
Sample Method: 4' Macrocore

Northing: 534380.6
Easting: 135685.7
Casing Elevation: NA

Borehole Depth: 4' below grade
Surface Elevation: 990.9

Descriptions By: EGR

Boring ID: RAA15-C11NE

Client: General Electric Company

Location: Former Oxbow Areas J and K
Supplemental Sampling

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0 / 990	1	0-1	3.0	0.0		Brown SILT, fine Sand.	Borehole backfilled with Bentonite.
	2	1-2		0.0			
	3	2-3		0.0		Light brown SILT, fine Sand, trace gravel.	
	4	3-4		0.0			
5 / 985							
10 / 980							
15 / 975							

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Remarks: bgs = below ground surface; NA = Not Applicable/Available.
Analyses: 1-3': SVOCs.

Date Start/Finish: 5/5/04 **Drilling Company:** BBL **Driller's Name:** DM **Drilling Method:** Direct Push **Auger Size:** NA **Rig Type:** Truck Mounted Power Probe **Sample Method:** 4' Macrocore	**Northing:** 534380.0 **Easting:** 135664.8 **Casing Elevation:** NA **Borehole Depth:** 4' below grade **Surface Elevation:** 991.2 **Descriptions By:** EGR	**Boring ID:** RAA15-C11NW **Client:** General Electric Company **Location:** Former Oxbow Areas J and K Supplemental Sampling

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0 / 990	1	0-1	3.4	0.0		Brown SILT and fine SAND, little Gravel, trace slag and concrete.	Borehole backfilled with Bentonite.
	2	1-2		0.0			
	3	2-3		0.0			
	4	3-4		0.0			
5 / 985							
10 / 980							
15							

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Analyses: 1-3': SVOCs.

Date Start/Finish: 5/5/04 **Drilling Company:** BBL **Driller's Name:** DM **Drilling Method:** Direct Push **Auger Size:** NA **Rig Type:** Truck Mounted Power Probe **Sample Method:** 4" Macrocore	**Northing:** 534268.8 **Easting:** 135266.8 **Casing Elevation:** NA **Borehole Depth:** 4' below grade **Surface Elevation:** 992.5 **Descriptions By:** EGR	**Boring ID:** RAA15-E2NE **Client:** General Electric Company **Location:** Former Oxbow Areas J and K Supplemental Sampling

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
995							
0	1	0-1	2.0	0.0		Brown SILT, trace fine Sand and Gravel.	Borehole backfilled with Bentonite.
	2	1-2		0.0			
990	3	2-3		0.0			
	4	3-4		0.0			
5							
985							
10							
980							
15							

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Analyses: 1-3': Lead, Antimony.

Date Start/Finish: 5/5/04 **Drilling Company:** BBL **Driller's Name:** DM **Drilling Method:** Direct Push **Auger Size:** NA **Rig Type:** Truck Mounted Power Probe **Sample Method:** 4' Macrocore	**Northing:** 534269.3 **Easting:** 135242.1 **Casing Elevation:** NA **Borehole Depth:** 4' below grade **Surface Elevation:** 992.6 **Descriptions By:** EGR	**Boring ID:** RAA15-E2NW **Client:** General Electric Company **Location:** Former Oxbow Areas J and K Supplemental Sampling

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
995							
0	1	0-1	2.8	0.0		Brown SILT and fine SAND.	Borehole backfilled with Bentonite.
	2	1-2		0.0		Dark brown SILT and fine SAND, trace Slag.	
990	3	2-3		0.0		Gray-brown SILT and fine SAND, trace Slag.	
	4	3-4		0.0			
5							
985							
10							
980							
15							

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Analyses: 1-3': Lead, Antimony.

Date Start/Finish: 5/5/04 **Drilling Company:** BBL **Driller's Name:** DM **Drilling Method:** Direct Push **Auger Size:** NA **Rig Type:** Truck Mounted Power Probe **Sample Method:** 4' Macrocore	**Northing:** 534244.0 **Easting:** 135266.3 **Casing Elevation:** NA **Borehole Depth:** 4' below grade **Surface Elevation:** 992.7 **Descriptions By:** EGR	**Boring ID:** RAA15-E2SE **Client:** General Electric Company **Location:** Former Oxbow Areas J and K Supplemental Sampling

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
995							
0	1	0-1	3.0	0.0		Gray SILT and fine SAND, trace Gravel.	Borehole backfilled with Bentonite.
	2	1-2		0.0		Dark brown SILT and fine SAND, trace Slag and Gravel.	
990	3	2-3		0.0			
	4	3-4		0.0			
5							
985							
10							
980							
15							

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Analyses: 1-3': Lead, Antimony.

Date Start/Finish: 5/5/04 **Drilling Company:** BBL **Driller's Name:** DM **Drilling Method:** Direct Push **Auger Size:** NA **Rig Type:** Truck Mounted Power Probe **Sample Method:** 4' Macrocore	**Northing:** 534244.7 **Easting:** 135242.3 **Casing Elevation:** NA **Borehole Depth:** 4' below grade **Surface Elevation:** 992.8 **Descriptions By:** EGR	**Boring ID:** RAA15-E2SW **Client:** General Electric Company **Location:** Former Oxbow Areas J and K Supplemental Sampling

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
995							
0	1	0-1	2.0	0.0		Brown SILT and fine SAND, trace Slag and Gravel.	Borehole backfilled with Bentonite.
	2	1-2		0.0			
990	3	2-3		0.0			
	4	3-4		0.0			
5							
985							
10							
980							
15							

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Analyses: 1-3': Lead, Antimony.

Date Start/Finish: 5/5/04 **Drilling Company:** BBL **Driller's Name:** DM **Drilling Method:** Direct Push **Auger Size:** NA **Rig Type:** Truck Mounted Power Probe **Sample Method:** 4' Macrocore	**Northing:** 534249.32 **Easting:** 135400.24 **Casing Elevation:** NA **Borehole Depth:** 4' below grade **Surface Elevation:** 990.92 **Descriptions By:** EGR	**Boring ID:** RAA15-E5 **Client:** General Electric Company **Location:** Former Oxbow Areas J and K Supplemental Sampling

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0 990	1	0-1	2.2	0.0		GRAVEL, brown Silt and fine Sand.	Borehole backfilled with Bentonite.
	2	1-2		0.0		Brown SILT, some Gravel, trace fine sand.	
	3	2-3		0.0			
	4	3-4		NA			
5 985							
10 980							
15 975							

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Analyses: 1-3': SVOCs.

Date Start/Finish: 5/5/04 **Drilling Company:** BBL **Driller's Name:** DM **Drilling Method:** Direct Push **Auger Size:** NA **Rig Type:** Truck Mounted Power Probe **Sample Method:** 4' Macrocore	**Northing:** 534261.6 **Easting:** 135411.7 **Casing Elevation:** NA **Borehole Depth:** 1' below grade **Surface Elevation:** 990.8 **Descriptions By:** EGR	**Boring ID:** RAA15-E5NE **Client:** General Electric Company **Location:** Former Oxbow Areas J and K Supplemental Sampling

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0 990	1	0-1	1.0	0.0		Gray-brown SILT and fine SAND, trace Gravel and Organic Material.	Borehole backfilled with Bentonite.
5 985							
10 980							
15 975							

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Analyses: 0-1': SVOCs.

Date Start/Finish: 5/5/04 **Drilling Company:** BBL **Driller's Name:** DM **Drilling Method:** Direct Push **Auger Size:** NA **Rig Type:** Truck Mounted Power Probe **Sample Method:** 4' Macrocore	**Northing:** 534261.4 **Easting:** 135386.6 **Casing Elevation:** NA **Borehole Depth:** 1' below grade **Surface Elevation:** 991.1 **Descriptions By:** EGR	**Boring ID:** RAA15-E5NW **Client:** General Electric Company **Location:** Former Oxbow Areas J and K Supplemental Sampling

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0 / 991	1	0-1	1.0	0.0		Brown SILT and fine SAND, little Gravel.	Borehole backfilled with Bentonite.
5 / 985							
10 / 980							
15							

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Analyses: 0-1': SVOCs.

Date Start/Finish: 5/5/04 **Drilling Company:** BBL **Driller's Name:** DM **Drilling Method:** Direct Push **Auger Size:** NA **Rig Type:** Truck Mounted Power Probe **Sample Method:** 4' Macrocore	**Northing:** 534235.8 **Easting:** 135412.6 **Casing Elevation:** NA **Borehole Depth:** 1' below grade **Surface Elevation:** 990.6 **Descriptions By:** EGR	**Boring ID:** RAA15-E5SE **Client:** General Electric Company **Location:** Former Oxbow Areas J and K Supplemental Sampling

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0 990	1	0-1	1.0	0.0		Brown SILT and fine SAND, trace Gravel.	Borehole backfilled with Bentonite.
5 985							
10 980							
15 975							

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Remarks: bgs = below ground surface; NA = Not Applicable/Available.
Analyses: 0-1': SVOCs.

Date Start/Finish: 5/5/04 **Drilling Company:** BBL **Driller's Name:** DM **Drilling Method:** Direct Push **Auger Size:** NA **Rig Type:** Truck Mounted Power Probe **Sample Method:** 4' Macrocore	**Northing:** 534236.8 **Easting:** 135386.7 **Casing Elevation:** NA **Borehole Depth:** 1' below grade **Surface Elevation:** 990.9 **Descriptions By:** EGR	**Boring ID:** RAA15-E5SW **Client:** General Electric Company **Location:** Former Oxbow Areas J and K Supplemental Sampling

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0 990	1	0-1	1.0	0.0		Brown SILT, trace fine Sand and Gravel.	Borehole backfilled with Bentonite.
5 985							
10 980							
15 975							

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Analyses: 0-1': SVOCs.

Date Start/Finish: 5/4/04 **Drilling Company:** BBL **Driller's Name:** EGR **Drilling Method:** Direct Push **Auger Size:** NA **Rig Type:** Slide Hammer **Sample Method:** 4' Macrocore	**Northing:** 534245.4 **Easting:** 135524.9 **Casing Elevation:** NA **Borehole Depth:** 3' below grade **Surface Elevation:** 979.6 **Descriptions By:** SLL	**Boring ID:** RAA15-E7(B) **Client:** General Electric Company **Location:** Former Oxbow Areas J and K Supplemental Sampling

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
980							
0	1	0-1	2.0	0.0		Brown SILT, little Organic Material, fine Sand and Gravel, moist.	Borehole backfilled with Bentonite.
	2	1-3		0.0			
975 5							
970 10							
965 15							

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Analyses: 1-3': SVOCs.

Date Start/Finish: 5/4/04 **Drilling Company:** BBL **Driller's Name:** EGR **Drilling Method:** Direct Push **Auger Size:** NA **Rig Type:** Slide Hammer **Sample Method:** 2" Macrocore	**Northing:** 534278.3 **Easting:** 135510.8 **Casing Elevation:** NA **Borehole Depth:** 1' below grade **Surface Elevation:** 984.7 **Descriptions By:** SLL	**Boring ID:** RAA15-E7NE **Client:** General Electric Company **Location:** Former Oxbow Areas J and K Supplemental Sampling

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0 / 985	1	0-1	1.0	0.0		Brown SILT, little fine Sand, trace gravel, organic material and brick, moist.	Borehole backfilled with Bentonite.
5 / 980							
10 / 975							
15 / 970							

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Analyses: 0-1': SVOCs.

Date Start/Finish: 5/4/04 **Drilling Company:** BBL **Driller's Name:** EGR **Drilling Method:** Direct Push **Auger Size:** NA **Rig Type:** Slide Hammer **Sample Method:** 2' Macrocore	**Northing:** 534264.8 **Easting:** 135494.7 **Casing Elevation:** NA **Borehole Depth:** 1' below grade **Surface Elevation:** 974.6 **Descriptions By:** SLL	**Boring ID:** RAA15-E7NW **Client:** General Electric Company **Location:** Former Oxbow Areas J and K Supplemental Sampling

DEPTH ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
975 0	1	0-1	1.0	0.1		Brown SILT, little fine Sand, trace gravel and organic material, wet.	Borehole backfilled with Bentonite.
970 5							
965 10							
960 15							

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Remarks: bgs = below ground surface; NA = Not Applicable/Available.
Analyses: 0-1': SVOCs.

Date Start/Finish: 5/4/04 **Drilling Company:** BBL **Driller's Name:** EGR **Drilling Method:** Direct Push **Auger Size:** NA **Rig Type:** Slide Hammer **Sample Method:** 2' Macrocore	**Northing:** 534251.8 **Easting:** 135523.1 **Casing Elevation:** NA **Borehole Depth:** 1' below grade **Surface Elevation:** 983.3 **Descriptions By:** SLL	**Boring ID:** RAA15-E7SE **Client:** General Electric Company **Location:** Former Oxbow Areas J and K Supplemental Sampling

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
985							
0	1	0-1	1.0	0.0		Brown SILT, little fine Sand, trace gravel and organic material, moist.	Borehole backfilled with Bentonite.
980							
5							
975							
10							
970							
15							

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Analyses: 0-1': SVOCs.

Date Start/Finish: 5/4/04 **Drilling Company:** BBL **Driller's Name:** EGR **Drilling Method:** Direct Push **Auger Size:** NA **Rig Type:** Slide Hammer **Sample Method:** 2' Macrocore	**Northing:** 534243.4 **Easting:** 135509.6 **Casing Elevation:** NA **Borehole Depth:** 1' below grade **Surface Elevation:** 974.4 **Descriptions By:** SLL	**Boring ID:** RAA15-E7SW **Client:** General Electric Company **Location:** Former Oxbow Areas J and K Supplemental Sampling

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
975 / 0	1	0-1	1.0	0.0		Brown SILT, little fine Sand, trace gravel and organic material, wet.	Borehole backfilled with Bentonite.
970 / 5							
965 / 10							
960 / 15							

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Analyses: 0-1': SVOCs.

Date Start/Finish: 5/4/04 **Drilling Company:** BBL **Driller's Name:** EGR **Drilling Method:** Direct Push **Auger Size:** NA **Rig Type:** Tractor Mounted Power Probe **Sample Method:** 4' Macrocore	**Northing:** 534269.4 **Easting:** 135567.5 **Casing Elevation:** NA **Borehole Depth:** 3' below grade **Surface Elevation:** 986.8 **Descriptions By:** SLL	**Boring ID:** RAA15-E8NE **Client:** General Electric Company **Location:** Former Oxbow Areas J and K Supplemental Sampling

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0							
0	1	0-1	2.6	0.1		Dark brown SILT, some fine Sand, little gravel, trace organic material and coarse sand, moist.	Borehole backfilled with Bentonite.
985	2	1-3		0.1		Light brown SILT, trace Gravel and Slag, moist.	
5							
980							
10							
975							
15							

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Remarks: bgs = below ground surface; NA = Not Applicable/Available.
Analyses: 1-3': SVOCs.

Date Start/Finish: 5/4/04 **Drilling Company:** BBL **Driller's Name:** JJB **Drilling Method:** Direct Push **Auger Size:** NA **Rig Type:** Tractor Mounted Power Probe **Sample Method:** 4' Macrocore	**Northing:** 534271.0 **Easting:** 135543.3 **Casing Elevation:** NA **Borehole Depth:** 3' below grade **Surface Elevation:** 986.3 **Descriptions By:** SLL	**Boring ID:** RAA15-E8NW **Client:** General Electric Company **Location:** Former Oxbow Areas J and K Supplemental Sampling

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0 985	1	0-1	1.7	0.0		Brown SILT, little fine Sand, trace gravel and organic material, moist.	Borehole backfilled with Bentonite.
	2	1-3		0.1			
5 980							
10 975							
15							

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Remarks: bgs = below ground surface; NA = Not Applicable/Available.
Analyses: 1-3': SVOCs.

Date Start/Finish: 5/4/04 **Drilling Company:** BBL **Driller's Name:** EGR **Drilling Method:** Direct Push **Auger Size:** NA **Rig Type:** Tractor Mounted Power Probe **Sample Method:** 4' Macrocore	**Northing:** 534243.3 **Easting:** 135567.4 **Casing Elevation:** NA **Borehole Depth:** 10' below grade **Surface Elevation:** 987.4 **Descriptions By:** SLL	**Boring ID:** RAA15-E8SE **Client:** General Electric Company **Location:** Former Oxbow Areas J and K Supplemental Sampling

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
990							
0	1	0-1	2.9	0.1		Brown SILT, little fine Sand and Gravel, trace organic material, moist.	Borehole backfilled with Bentonite.
						CONCRETE, dry.	
985	2	1-3		0.3		Light brown SILT, some fine Sand, trace gravel, moist.	
5							
980							
10							
975							
15							

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Remarks: bgs = below ground surface; NA = Not Applicable/Available.
Analyses: 1-3*: SVOCs.

Date Start/Finish: 5/4/04 **Drilling Company:** BBL **Driller's Name:** EGR **Drilling Method:** Direct Push **Auger Size:** NA **Rig Type:** Tractor Mounted Power Probe **Sample Method:** 4' Macrocore	**Northing:** 534244.1 **Easting:** 135543.5 **Casing Elevation:** NA **Borehole Depth:** 3' below grade **Surface Elevation:** 987.5 **Descriptions By:** SLL	**Boring ID:** RAA15-E8SW **Client:** General Electric Company **Location:** Former Oxbow Areas J and K Supplemental Sampling

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
990							
0	1	0-1	2.0	0.0		Gray-brown SILT, little fine Sand, trace organic material and gravel, moist.	Borehole backfilled with Bentonite.
985	2	1-3		0.0			
5							
980							
10							
975							
15							

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Remarks: bgs = below ground surface; NA = Not Applicable/Available.
Analyses: 1-3': SVOCs.

Date Start/Finish: 5/4/04 **Drilling Company:** BBL **Driller's Name:** EGR **Drilling Method:** Direct Push **Auger Size:** NA **Rig Type:** Tractor Mounted Power Probe **Sample Method:** 4' Macrocore	**Northing:** 534288.4 **Easting:** 135763.8 **Casing Elevation:** NA **Borehole Depth:** 10' below grade **Surface Elevation:** 979.4 **Descriptions By:** SLL	**Boring ID:** RAA15-E15N **Client:** General Electric Company **Location:** Former Oxbow Areas J and K Supplemental Sampling

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
980							
0	1	0-1	3.0	0.1		Brown SILT and ORGANIC MATERIAL, moist.	Borehole backfilled with Bentonite.
						Gray CONCRETE, dry.	
	2	1-3		0.0		Gray-brown SILT, fine Sand, trace gravel, moist.	
	3	3-4		0.1			
975						Gray-brown SILT, little fine Sand, trace gravel and brick, moist.	
5	4	4-6	2.0	0.2			
	5	6-8		0.0			
970	6	8-10	1.5	0.0		Gray-brown SILT, little fine Sand, trace gravel, moist.	
10							
965							
15							

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Remarks: bgs = below ground surface; NA = Not Applicable/Available.
Analyses: 0-1': VOCs, SVOCs, Inorganics, PCDD/PCDF;
1-3': VOCs, SVOCs, Inorganics, PCDD/PCDF;
3-6': VOCs (4-6'), SVOCs, Inorganics, PCDD/PCDF;
6-10': VOCs (8-10'), PCDD/PCDF; Duplicate sample ID:
JKS-Dup-2 (VOCs, 0-1'); MS/MSD collected (VOCs, 1-3').

Date Start/Finish: 5/3/04 **Drilling Company:** BBL **Driller's Name:** JJB **Drilling Method:** Direct Push **Auger Size:** NA **Rig Type:** Tractor Mounted Power Probe **Sample Method:** 4' Macrocore	**Northing:** 534263.5 **Easting:** 135735.5 **Casing Elevation:** NA **Borehole Depth:** 15' below grade **Surface Elevation:** 988.2 **Descriptions By:** SLL	**Boring ID:** RAA15-E15W **Client:** General Electric Company **Location:** Former Oxbow Areas J and K Supplemental Sampling

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
990							
0	1	0-1	2.0	0.0		Dark brown fine SAND and SILT, little coarse Sand and Organic Material, moist.	Borehole backfilled with Bentonite.
	2	1-3		0.1		Brown fine to medium SAND, trace coarse Sand and Brick, moist.	
985	3	3-4		0.2			
5	4	4-6	2.0	0.0		Brown fine SAND, little coarse to medium Sand and fine Gravel, dry.	
	5	6-8		0.2			
980	6	8-10	4.0	0.0		Dark brown fine SAND and SILT, moist.	
10	7	10-12		0.0		Brown SILT, little fine Sand, moist.	
975	8	12-14	2.4	0.0		Gray-brown fine to medium SAND, trace Organic Material, moist.	
	9	14-15		0.1			
15							

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Remarks: bgs = below ground surface; NA = Not Applicable/Available.
Analyses: 0-1': VOCs, SVOCs, Inorganics, PCDD/PCDF;
1-3': VOCs, SVOCs, Inorganics, PCDD/PCDF;
3-6': VOCs (4-6'), SVOCs, Inorganics, PCDD/PCDF;
10-15': VOCs (10-12'), SVOCs, Inorganics, PCDD/PCDF.

Date Start/Finish: 4/30/04 **Drilling Company:** BBL **Driller's Name:** JJB **Drilling Method:** Direct Push **Auger Size:** NA **Rig Type:** Truck Mounted Power Probe **Sample Method:** 3' Macrocore	**Northing:** 534451.17 * **Easting:** 135651.53 * **Casing Elevation:** NA **Borehole Depth:** 3' below grade **Surface Elevation:** 989.7 * **Descriptions By:** EGR	**Boring ID:** YB-1 **Client:** General Electric Company **Location:** Former Oxbow Areas J and K Supplemental Sampling

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
990							
0	1	0-1	NA	NA		Pre-probe to 3' bgs.	Borehole backfilled with Bentonite.
	2	1-3	NA	NA			
	3					Refusal at 3' bgs due to subsurface obstruction.	
985 5							
980 10							
975 15							

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Remarks: bgs = below ground surface; NA = Not Applicable/Available.
* = Survey coordinates approximate, elevation based on location RAA15-A11.
Analyses: No samples collected due to refusal.

Attachment B

Appendix IX+3 Soil Analytical Results

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ATTACHMENT B
SUPPLEMENTAL PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

SUPPLEMENTAL PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS J AND K REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA15-A19NE 1-3 05/04/04	RAA15-A19NE 3-6 05/04/04	RAA15-A19NW 1-3 05/04/04	RAA15-A19NW 3-6 05/04/04
Volatile Organics					
1,1,1,2-Tetrachloroethane		NA	NA	NA	NA
1,1,1-Trichloroethane		NA	NA	NA	NA
1,1,2,2-Tetrachloroethane		NA	NA	NA	NA
1,1,2-Trichloroethane		NA	NA	NA	NA
1,1-Dichloroethane		NA	NA	NA	NA
1,1-Dichloroethene		NA	NA	NA	NA
1,2,3-Trichloropropane		NA	NA	NA	NA
1,2-Dibromo-3-chloropropane		NA	NA	NA	NA
1,2-Dibromoethane		NA	NA	NA	NA
1,2-Dichloroethane		NA	NA	NA	NA
1,2-Dichloropropane		NA	NA	NA	NA
1,4-Dioxane		NA	NA	NA	NA
2-Butanone		NA	NA	NA	NA
2-Chloro-1,3-butadiene		NA	NA	NA	NA
2-Chloroethylvinylether		NA	NA	NA	NA
2-Hexanone		NA	NA	NA	NA
3-Chloropropene		NA	NA	NA	NA
4-Methyl-2-pentanone		NA	NA	NA	NA
Acetone		NA	NA	NA	NA
Acetonitrile		NA	NA	NA	NA
Acrolein		NA	NA	NA	NA
Acrylonitrile		NA	NA	NA	NA
Benzene		NA	NA	NA	NA
Bromodichloromethane		NA	NA	NA	NA
Bromoform		NA	NA	NA	NA
Bromomethane		NA	NA	NA	NA
Carbon Disulfide		NA	NA	NA	NA
Carbon Tetrachloride		NA	NA	NA	NA
Chlorobenzene		NA	NA	NA	NA
Chloroethane		NA	NA	NA	NA
Chloroform		NA	NA	NA	NA
Chloromethane		NA	NA	NA	NA
cis-1,3-Dichloropropene		NA	NA	NA	NA
Dibromochloromethane		NA	NA	NA	NA
Dibromomethane		NA	NA	NA	NA
Dichlorodifluoromethane		NA	NA	NA	NA
Ethyl Methacrylate		NA	NA	NA	NA
Ethylbenzene		NA	NA	NA	NA
Iodomethane		NA	NA	NA	NA
Isobutanol		NA	NA	NA	NA
Methacrylonitrile		NA	NA	NA	NA
Methyl Methacrylate		NA	NA	NA	NA
Methylene Chloride		NA	NA	NA	NA
Propionitrile		NA	NA	NA	NA
Styrene		NA	NA	NA	NA
Tetrachloroethene		NA	NA	NA	NA
Toluene		NA	NA	NA	NA
trans-1,2-Dichloroethene		NA	NA	NA	NA
trans-1,3-Dichloropropene		NA	NA	NA	NA
trans-1,4-Dichloro-2-butene		NA	NA	NA	NA
Trichloroethene		NA	NA	NA	NA
Trichlorofluoromethane		NA	NA	NA	NA
Vinyl Acetate		NA	NA	NA	NA
Vinyl Chloride		NA	NA	NA	NA
Xylenes (total)		NA	NA	NA	NA

ATTACHMENT B
SUPPLEMENTAL PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

SUPPLEMENTAL PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS J AND K REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA15-A19NE 1-3 05/04/04	RAA15-A19NE 3-6 05/04/04	RAA15-A19NW 1-3 05/04/04	RAA15-A19NW 3-6 05/04/04
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene		ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
1,2,4-Trichlorobenzene		ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
1,2-Dichlorobenzene		ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
1,2-Diphenylhydrazine		ND(0.38) J	ND(0.37) J	ND(0.38) J [ND(0.37) J]	ND(0.38) J
1,3,5-Trinitrobenzene		ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
1,3-Dichlorobenzene		ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
1,3-Dinitrobenzene		ND(0.77) J	ND(0.74) J	ND(0.76) J [ND(0.75) J]	ND(0.76) J
1,4-Dichlorobenzene		ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
1,4-Naphthoquinone		ND(0.77) J	ND(0.74) J	ND(0.76) J [ND(0.75) J]	ND(0.76) J
1-Naphthylamine		ND(0.77)	ND(0.74)	ND(0.76) [ND(0.75)]	ND(0.76)
2,3,4,6-Tetrachlorophenol		ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
2,4,5-Trichlorophenol		ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
2,4,6-Trichlorophenol		ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
2,4-Dichlorophenol		ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
2,4-Dimethylphenol		ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
2,4-Dinitrophenol		ND(1.9)	ND(1.9)	ND(1.9) [ND(1.9)]	ND(1.9)
2,4-Dinitrotoluene		ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
2,6-Dichlorophenol		ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
2,6-Dinitrotoluene		ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
2-Acetylaminofluorene		ND(0.77)	ND(0.74)	ND(0.76) [ND(0.75)]	ND(0.76)
2-Chloronaphthalene		ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
2-Chlorophenol		ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
2-Methylnaphthalene		ND(0.38)	6.7	ND(0.38) [ND(0.37)]	2.3
2-Methylphenol		ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
2-Naphthylamine		ND(0.77)	ND(0.74)	ND(0.76) [ND(0.75)]	ND(0.76)
2-Nitroaniline		ND(1.9) J	ND(1.9) J	ND(1.9) J [ND(1.9) J]	ND(1.9) J
2-Nitrophenol		ND(0.77)	ND(0.74)	ND(0.76) [ND(0.75)]	ND(0.76)
2-Picoline		ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
3&4-Methylphenol		ND(0.77)	ND(0.74)	ND(0.76) [ND(0.75)]	ND(0.76)
3,3'-Dichlorobenzidine		ND(0.77)	ND(0.74)	ND(0.76) [ND(0.75)]	ND(0.76)
3,3'-Dimethylbenzidine		ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
3-Methylcholanthrene		ND(0.77)	ND(0.74)	ND(0.76) [ND(0.75)]	ND(0.76)
3-Nitroaniline		ND(1.9)	ND(1.9)	ND(1.9) [ND(1.9)]	ND(1.9)
4,6-Dinitro-2-methylphenol		ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
4-Aminobiphenyl		ND(0.77)	ND(0.74)	ND(0.76) [ND(0.75)]	ND(0.76)
4-Bromophenyl-phenylether		ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
4-Chloro-3-Methylphenol		ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
4-Chloroaniline		ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
4-Chlorobenzilate		ND(0.77)	ND(0.74)	ND(0.76) [ND(0.75)]	ND(0.76)
4-Chlorophenyl-phenylether		ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
4-Nitroaniline		ND(1.9) J	ND(1.9) J	ND(1.9) J [ND(1.9) J]	ND(1.9) J
4-Nitrophenol		ND(1.9) J	ND(1.9) J	ND(1.9) J [ND(1.9) J]	ND(1.9) J
4-Nitroquinoline-1-oxide		ND(0.77) J	ND(0.74) J	ND(0.76) J [ND(0.75) J]	ND(0.76) J
4-Phenylenediamine		ND(0.77)	ND(0.74)	ND(0.76) [ND(0.75)]	ND(0.76)
5-Nitro-o-toluidine		ND(0.77)	ND(0.74)	ND(0.76) [ND(0.75)]	ND(0.76)
7,12-Dimethylbenz(a)anthracene		ND(0.77)	ND(0.74)	ND(0.76) [ND(0.75)]	ND(0.76)
a,a'-Dimethylphenethylamine		ND(0.77) J	ND(0.74) J	ND(0.76) J [ND(0.75) J]	ND(0.76) J
Acenaphthene		ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
Acenaphthylene		7.1	12	3.1 [5.2]	7.2
Acetophenone		ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
Aniline		ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
Anthracene		4.4	7.3	3.0 [5.3]	3.4
Aramite		ND(0.77)	ND(0.74)	ND(0.76) [ND(0.75)]	ND(0.76)
Benzidine		ND(0.77) J	ND(0.74) J	ND(0.76) J [ND(0.75) J]	ND(0.76) J
Benzo(a)anthracene		16	13	7.9 [13]	9.8

ATTACHMENT B
SUPPLEMENTAL PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

SUPPLEMENTAL PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS J AND K REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Sample ID:	RAA15-A19NE	RAA15-A19NE	RAA15-A19NW	RAA15-A19NW
Sample Depth(Feet):	1-3	3-6	1-3	3-6
Date Collected:	05/04/04	05/04/04	05/04/04	05/04/04
Semivolatile Organics (continued)				
Benzo(a)pyrene	14	9.7	5.8 [10]	6.8
Benzo(b)fluoranthene	10	6.3	4.1 [8.1]	4.6
Benzo(g,h,i)perylene	9.0	6.9	4.0 [7.1]	4.7
Benzo(k)fluoranthene	12	8.3	5.8 [10]	5.4
Benzyl Alcohol	ND(0.77) J	ND(0.74) J	ND(0.76) J [ND(0.75) J]	ND(0.76) J
bis(2-Chloroethoxy)methane	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
bis(2-Chloroethyl)ether	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
bis(2-Chloroisopropyl)ether	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
bis(2-Ethylhexyl)phthalate	ND(0.38)	ND(0.36)	ND(0.37) [ND(0.37)]	ND(0.38)
Butylbenzylphthalate	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
Chrysene	16	14	6.7 [13]	11
Diallate	ND(0.77)	ND(0.74)	ND(0.76) [ND(0.75)]	ND(0.76)
Dibenzo(a,h)anthracene	2.7	ND(0.37)	1.0 [2.0]	1.2
Dibenzofuran	0.44	0.58	0.66 [1.1]	0.26 J
Diethylphthalate	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
Dimethylphthalate	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
Di-n-Butylphthalate	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
Di-n-Octylphthalate	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
Diphenylamine	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
Ethyl Methanesulfonate	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
Fluoranthene	30	19	16 [29]	14
Fluorene	0.72	3.8	0.76 [1.4]	1.4
Hexachlorobenzene	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
Hexachlorobutadiene	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
Hexachlorocyclopentadiene	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
Hexachloroethane	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
Hexachlorophene	ND(0.77)	ND(0.74)	ND(0.76) [ND(0.75)]	ND(0.76)
Hexachloropropene	ND(0.38) J	ND(0.37) J	ND(0.38) J [ND(0.37) J]	ND(0.38) J
Indeno(1,2,3-cd)pyrene	8.2	5.5	3.6 [6.6]	3.6
Isodrin	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
Isophorone	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
Isosafrole	ND(0.77)	ND(0.74)	ND(0.76) [ND(0.75)]	ND(0.76)
Methapyrilene	ND(0.77) J	ND(0.74) J	ND(0.76) J [ND(0.75) J]	ND(0.76) J
Methyl Methanesulfonate	ND(0.38) J	ND(0.37) J	ND(0.38) J [ND(0.37) J]	ND(0.38) J
Naphthalene	3.3	8.8	0.99 [1.9]	4.8
Nitrobenzene	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
N-Nitrosodiethylamine	ND(0.38) J	ND(0.37) J	ND(0.38) J [ND(0.37) J]	ND(0.38) J
N-Nitrosodimethylamine	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
N-Nitroso-di-n-butylamine	ND(0.77)	ND(0.74)	ND(0.76) [ND(0.75)]	ND(0.76)
N-Nitroso-di-n-propylamine	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
N-Nitrosodiphenylamine	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
N-Nitrosomethylethylamine	ND(0.77)	ND(0.74)	ND(0.76) [ND(0.75)]	ND(0.76)
N-Nitrosomorpholine	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
N-Nitrosopiperidine	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
N-Nitrosopyrrolidine	ND(0.77)	ND(0.74)	ND(0.76) [ND(0.75)]	ND(0.76)
o,o,o-Triethylphosphorothioate	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
o-Toluidine	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
p-Dimethylaminoazobenzene	ND(0.77)	ND(0.74)	ND(0.76) [ND(0.75)]	ND(0.76)
Pentachlorobenzene	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
Pentachloroethane	ND(0.38) J	ND(0.37) J	ND(0.38) J [ND(0.37) J]	ND(0.38) J
Pentachloronitrobenzene	ND(0.77) J	ND(0.74) J	ND(0.76) J [ND(0.75) J]	ND(0.76) J
Pentachlorophenol	ND(1.9)	ND(1.9)	ND(1.9) [ND(1.9)]	ND(1.9)
Phenacetin	ND(0.77) J	ND(0.74) J	ND(0.76) J [ND(0.75) J]	ND(0.76) J
Phenanthrene	7.4	21	8.3 [12]	10
Phenol	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)

ATTACHMENT B
SUPPLEMENTAL PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

SUPPLEMENTAL PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS J AND K REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA15-A19NE 1-3 05/04/04	RAA15-A19NE 3-6 05/04/04	RAA15-A19NW 1-3 05/04/04	RAA15-A19NW 3-6 05/04/04
Semivolatile Organics (continued)				
Pronamide	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
Pyrene	33	35	17 [28]	24
Pyridine	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
Safrole	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
Thionazin	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
Furans				
2,3,7,8-TCDF	NA	NA	NA	NA
TCDFs (total)	NA	NA	NA	NA
1,2,3,7,8-PeCDF	NA	NA	NA	NA
2,3,4,7,8-PeCDF	NA	NA	NA	NA
PeCDFs (total)	NA	NA	NA	NA
1,2,3,4,7,8-HxCDF	NA	NA	NA	NA
1,2,3,6,7,8-HxCDF	NA	NA	NA	NA
1,2,3,7,8,9-HxCDF	NA	NA	NA	NA
2,3,4,6,7,8-HxCDF	NA	NA	NA	NA
HxCDFs (total)	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDF	NA	NA	NA	NA
1,2,3,4,7,8,9-HpCDF	NA	NA	NA	NA
HpCDFs (total)	NA	NA	NA	NA
OCDF	NA	NA	NA	NA
Dioxins				
2,3,7,8-TCDD	NA	NA	NA	NA
TCDDs (total)	NA	NA	NA	NA
1,2,3,7,8-PeCDD	NA	NA	NA	NA
PeCDDs (total)	NA	NA	NA	NA
1,2,3,4,7,8-HxCDD	NA	NA	NA	NA
1,2,3,6,7,8-HxCDD	NA	NA	NA	NA
1,2,3,7,8,9-HxCDD	NA	NA	NA	NA
HxCDDs (total)	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDD	NA	NA	NA	NA
HpCDDs (total)	NA	NA	NA	NA
OCDD	NA	NA	NA	NA
Total TEQs (WHO TEFs)	NA	NA	NA	NA
Inorganics				
Antimony	NA	NA	NA	NA
Arsenic	NA	NA	NA	NA
Barium	NA	NA	NA	NA
Beryllium	NA	NA	NA	NA
Cadmium	NA	NA	NA	NA
Chromium	NA	NA	NA	NA
Cobalt	NA	NA	NA	NA
Copper	NA	NA	NA	NA
Cyanide	NA	NA	NA	NA
Lead	NA	NA	NA	NA
Mercury	NA	NA	NA	NA
Nickel	NA	NA	NA	NA
Selenium	NA	NA	NA	NA
Silver	NA	NA	NA	NA
Sulfide	NA	NA	NA	NA
Thallium	NA	NA	NA	NA
Tin	NA	NA	NA	NA
Vanadium	NA	NA	NA	NA
Zinc	NA	NA	NA	NA

ATTACHMENT B
SUPPLEMENTAL PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

SUPPLEMENTAL PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS J AND K REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA15-A19SE 1-3 05/04/04	RAA15-A19SE 3-6 05/04/04	RAA15-A19SW 0-1 05/03/04	RAA15-A19SW 1-3 05/03/04
Volatile Organics				
1,1,1,2-Tetrachloroethane	NA	NA	ND(0.0066)	ND(0.0065)
1,1,1-Trichloroethane	NA	NA	ND(0.0066)	ND(0.0065)
1,1,2,2-Tetrachloroethane	NA	NA	ND(0.0066)	ND(0.0065)
1,1,2-Trichloroethane	NA	NA	ND(0.0066)	ND(0.0065)
1,1-Dichloroethane	NA	NA	ND(0.0066)	ND(0.0065)
1,1-Dichloroethene	NA	NA	ND(0.0066)	ND(0.0065)
1,2,3-Trichloropropane	NA	NA	ND(0.0066)	ND(0.0065)
1,2-Dibromo-3-chloropropane	NA	NA	ND(0.0066)	ND(0.0065)
1,2-Dibromoethane	NA	NA	ND(0.0066)	ND(0.0065)
1,2-Dichloroethane	NA	NA	ND(0.0066)	ND(0.0065)
1,2-Dichloropropane	NA	NA	ND(0.0066)	ND(0.0065)
1,4-Dioxane	NA	NA	ND(0.13) J	ND(0.13) J
2-Butanone	NA	NA	ND(0.013)	ND(0.013)
2-Chloro-1,3-butadiene	NA	NA	ND(0.0066)	ND(0.0065)
2-Chloroethylvinylether	NA	NA	ND(0.0066)	ND(0.0065)
2-Hexanone	NA	NA	ND(0.013)	ND(0.013)
3-Chloropropene	NA	NA	ND(0.0066)	ND(0.0065)
4-Methyl-2-pentanone	NA	NA	ND(0.013)	ND(0.013)
Acetone	NA	NA	ND(0.026)	ND(0.026)
Acetonitrile	NA	NA	ND(0.13) J	ND(0.13) J
Acrolein	NA	NA	ND(0.13) J	ND(0.13) J
Acrylonitrile	NA	NA	ND(0.0066)	ND(0.0065)
Benzene	NA	NA	ND(0.0066)	ND(0.0065)
Bromodichloromethane	NA	NA	ND(0.0066)	ND(0.0065)
Bromoform	NA	NA	ND(0.0066)	ND(0.0065)
Bromomethane	NA	NA	ND(0.0066)	ND(0.0065)
Carbon Disulfide	NA	NA	ND(0.0066)	ND(0.0065)
Carbon Tetrachloride	NA	NA	ND(0.0066)	ND(0.0065)
Chlorobenzene	NA	NA	ND(0.0066)	ND(0.0065)
Chloroethane	NA	NA	ND(0.0066)	ND(0.0065)
Chloroform	NA	NA	ND(0.0066)	ND(0.0065)
Chloromethane	NA	NA	ND(0.0066)	ND(0.0065)
cis-1,3-Dichloropropene	NA	NA	ND(0.0066)	ND(0.0065)
Dibromochloromethane	NA	NA	ND(0.0066)	ND(0.0065)
Dibromomethane	NA	NA	ND(0.0066)	ND(0.0065)
Dichlorodifluoromethane	NA	NA	ND(0.0066)	ND(0.0065)
Ethyl Methacrylate	NA	NA	ND(0.0066)	ND(0.0065)
Ethylbenzene	NA	NA	ND(0.0066)	ND(0.0065)
Iodomethane	NA	NA	ND(0.0066)	ND(0.0065)
Isobutanol	NA	NA	ND(0.13) J	ND(0.13) J
Methacrylonitrile	NA	NA	ND(0.0066)	ND(0.0065)
Methyl Methacrylate	NA	NA	ND(0.0066)	ND(0.0065)
Methylene Chloride	NA	NA	ND(0.0066)	ND(0.0065)
Propionitrile	NA	NA	ND(0.013) J	ND(0.013) J
Styrene	NA	NA	ND(0.0066)	ND(0.0065)
Tetrachloroethene	NA	NA	ND(0.0066)	ND(0.0065)
Toluene	NA	NA	ND(0.0066)	ND(0.0065)
trans-1,2-Dichloroethene	NA	NA	ND(0.0066)	ND(0.0065)
trans-1,3-Dichloropropene	NA	NA	ND(0.0066)	ND(0.0065)
trans-1,4-Dichloro-2-butene	NA	NA	ND(0.0066)	ND(0.0065)
Trichloroethene	NA	NA	ND(0.0066)	ND(0.0065)
Trichlorofluoromethane	NA	NA	ND(0.0066)	ND(0.0065)
Vinyl Acetate	NA	NA	ND(0.0066)	ND(0.0065)
Vinyl Chloride	NA	NA	ND(0.0066)	ND(0.0065)
Xylenes (total)	NA	NA	ND(0.0066)	ND(0.0065)

ATTACHMENT B
SUPPLEMENTAL PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

SUPPLEMENTAL PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS J AND K REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA15-A19SE 1-3 05/04/04	RAA15-A19SE 3-6 05/04/04	RAA15-A19SW 0-1 05/03/04	RAA15-A19SW 1-3 05/03/04
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene		ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]
1,2,4-Trichlorobenzene		ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]
1,2-Dichlorobenzene		ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]
1,2-Diphenylhydrazine		ND(0.41) J	ND(0.48) J	ND(0.44) J	ND(0.43) J [ND(0.45) J]
1,3,5-Trinitrobenzene		ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]
1,3-Dichlorobenzene		ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]
1,3-Dinitrobenzene		ND(0.82) J	ND(0.96) J	ND(0.88) J	ND(0.87) J [ND(0.90) J]
1,4-Dichlorobenzene		ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]
1,4-Naphthoquinone		ND(0.82) J	ND(0.96) J	ND(0.88) J	ND(0.87) J [ND(0.90) J]
1-Naphthylamine		ND(0.82)	ND(0.96)	ND(0.88)	ND(0.87) [ND(0.90)]
2,3,4,6-Tetrachlorophenol		ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]
2,4,5-Trichlorophenol		ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]
2,4,6-Trichlorophenol		ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]
2,4-Dichlorophenol		ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]
2,4-Dimethylphenol		ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]
2,4-Dinitrophenol		ND(2.1)	ND(2.4)	ND(2.2)	ND(2.2) [ND(2.3)]
2,4-Dinitrotoluene		ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]
2,6-Dichlorophenol		ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]
2,6-Dinitrotoluene		ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]
2-Acetylaminofluorene		ND(0.82)	ND(0.96)	ND(0.88)	ND(0.87) [ND(0.90)]
2-Chloronaphthalene		ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]
2-Chlorophenol		ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]
2-Methylnaphthalene		ND(0.41)	ND(0.48)	0.25 J	ND(0.43) [ND(0.45)]
2-Methylphenol		ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]
2-Naphthylamine		ND(0.82)	ND(0.96)	ND(0.88)	ND(0.87) [ND(0.90)]
2-Nitroaniline		ND(2.1) J	ND(2.4) J	ND(2.2) J	ND(2.2) J [ND(2.3) J]
2-Nitrophenol		ND(0.82)	ND(0.96)	ND(0.88)	ND(0.87) [ND(0.90)]
2-Picoline		ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]
3&4-Methylphenol		ND(0.82)	ND(0.96)	ND(0.88)	ND(0.87) [ND(0.90)]
3,3'-Dichlorobenzidine		ND(0.82)	ND(0.96)	ND(0.88)	ND(0.87) [ND(0.90)]
3,3'-Dimethylbenzidine		ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]
3-Methylcholanthrene		ND(0.82)	ND(0.96)	ND(0.88)	ND(0.87) [ND(0.90)]
3-Nitroaniline		ND(2.1)	ND(2.4)	ND(2.2)	ND(2.2) [ND(2.3)]
4,6-Dinitro-2-methylphenol		ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]
4-Aminobiphenyl		ND(0.82)	ND(0.96)	ND(0.88)	ND(0.87) [ND(0.90)]
4-Bromophenyl-phenylether		ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]
4-Chloro-3-Methylphenol		ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]
4-Chloroaniline		ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]
4-Chlorobenzilate		ND(0.82)	ND(0.96)	ND(0.88)	ND(0.87) [ND(0.90)]
4-Chlorophenyl-phenylether		ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]
4-Nitroaniline		ND(2.1) J	ND(2.4) J	ND(2.2) J	ND(2.2) J [ND(2.3) J]
4-Nitrophenol		ND(2.1) J	ND(2.4) J	ND(2.2) J	ND(2.2) J [ND(2.3) J]
4-Nitroquinoline-1-oxide		ND(0.82) J	ND(0.96) J	ND(0.88) J	ND(0.87) J [ND(0.90) J]
4-Phenylenediamine		ND(0.82)	ND(0.96)	ND(0.88)	ND(0.87) [ND(0.90)]
5-Nitro-o-toluidine		ND(0.82)	ND(0.96)	ND(0.88)	ND(0.87) [ND(0.90)]
7,12-Dimethylbenz(a)anthracene		ND(0.82)	ND(0.96)	ND(0.88)	ND(0.87) [ND(0.90)]
a,a'-Dimethylphenethylamine		ND(0.82) J	ND(0.96) J	ND(0.88) J	ND(0.87) J [ND(0.90) J]
Acenaphthene		0.23 J	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]
Acenaphthylene		0.52	ND(0.48)	0.76	0.75 [0.37 J]
Acetophenone		ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]
Aniline		ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]
Anthracene		0.63	ND(0.48)	0.52	0.33 J [0.19 J]
Aramite		ND(0.82)	ND(0.96)	ND(0.88)	ND(0.87) [ND(0.90)]
Benzidine		ND(0.82) J	ND(0.96) J	ND(0.88) J	ND(0.87) J [ND(0.90) J]
Benzo(a)anthracene		0.81	ND(0.48)	1.2	0.49 [0.29 J]

ATTACHMENT B
SUPPLEMENTAL PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

SUPPLEMENTAL PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS J AND K REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA15-A19SE 1-3 05/04/04	RAA15-A19SE 3-6 05/04/04	RAA15-A19SW 0-1 05/03/04	RAA15-A19SW 1-3 05/03/04
Semivolatile Organics (continued)				
Benzo(a)pyrene	0.56	ND(0.48)	0.92	0.37 J [0.20 J]
Benzo(b)fluoranthene	0.35 J	ND(0.48)	0.87	0.24 J [0.12 J]
Benzo(g,h,i)perylene	0.38 J	ND(0.48)	0.74	0.32 J [0.17 J]
Benzo(k)fluoranthene	0.45	ND(0.48)	1.1	0.32 J [0.18 J]
Benzyl Alcohol	ND(0.82) J	ND(0.96) J	ND(0.88) J	ND(0.87) J [ND(0.90) J]
bis(2-Chloroethoxy)methane	ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]
bis(2-Chloroethyl)ether	ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]
bis(2-Chloroisopropyl)ether	ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]
bis(2-Ethylhexyl)phthalate	ND(0.41)	ND(0.47)	0.14 J	ND(0.43) [ND(0.45)]
Butylbenzylphthalate	ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]
Chrysene	0.92	ND(0.48)	1.6	0.58 [0.36 J]
Diallate	ND(0.82)	ND(0.96)	ND(0.88)	ND(0.87) [ND(0.90)]
Dibenzo(a,h)anthracene	ND(0.41)	ND(0.48)	0.15 J	ND(0.43) [ND(0.45)]
Dibenzofuran	0.10 J	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]
Diethylphthalate	ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]
Dimethylphthalate	ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]
Di-n-Butylphthalate	ND(0.41)	ND(0.48)	0.11 J	ND(0.43) [ND(0.45)]
Di-n-Octylphthalate	ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]
Diphenylamine	ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]
Ethyl Methanesulfonate	ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]
Fluoranthene	1.7	ND(0.48)	2.7	0.74 [0.50]
Fluorene	0.23 J	ND(0.48)	0.13 J	ND(0.43) [ND(0.45)]
Hexachlorobenzene	ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]
Hexachlorobutadiene	ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]
Hexachlorocyclopentadiene	ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]
Hexachloroethane	ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]
Hexachlorophene	ND(0.82)	ND(0.96)	ND(0.88)	ND(0.87) [ND(0.90)]
Hexachloropropene	ND(0.41) J	ND(0.48) J	ND(0.44) J	ND(0.43) J [ND(0.45) J]
Indeno(1,2,3-cd)pyrene	0.25 J	ND(0.48)	0.60	0.22 J [0.097 J]
Isodrin	ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]
Isophorone	ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]
Isosafrole	ND(0.82)	ND(0.96)	ND(0.88)	ND(0.87) [ND(0.90)]
Methapyrilene	ND(0.82) J	ND(0.96) J	ND(0.88) J	ND(0.87) J [ND(0.90) J]
Methyl Methanesulfonate	ND(0.41) J	ND(0.48) J	ND(0.44) J	ND(0.43) J [ND(0.45) J]
Naphthalene	0.24 J	ND(0.48)	0.45	0.71 [0.27 J]
Nitrobenzene	ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]
N-Nitrosodiethylamine	ND(0.41) J	ND(0.48) J	ND(0.44) J	ND(0.43) J [ND(0.45) J]
N-Nitrosodimethylamine	ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]
N-Nitroso-di-n-butylamine	ND(0.82)	ND(0.96)	ND(0.88)	ND(0.87) [ND(0.90)]
N-Nitroso-di-n-propylamine	ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]
N-Nitrosodiphenylamine	ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]
N-Nitrosomethylethylamine	ND(0.82)	ND(0.96)	ND(0.88)	ND(0.87) [ND(0.90)]
N-Nitrosomorpholine	ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]
N-Nitrosopiperidine	ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]
N-Nitrosopyrrolidine	ND(0.82)	ND(0.96)	ND(0.88)	ND(0.87) [ND(0.90)]
o,o,o-Triethylphosphorothioate	ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]
o-Toluidine	ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]
p-Dimethylaminoazobenzene	ND(0.82)	ND(0.96)	ND(0.88)	ND(0.87) [ND(0.90)]
Pentachlorobenzene	ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]
Pentachloroethane	ND(0.41) J	ND(0.48) J	ND(0.44) J	ND(0.43) J [ND(0.45) J]
Pentachloronitrobenzene	ND(0.82) J	ND(0.96) J	ND(0.88) J	ND(0.87) J [ND(0.90) J]
Pentachlorophenol	ND(2.1)	ND(2.4)	ND(2.2)	ND(2.2) [ND(2.3)]
Phenacetin	ND(0.82) J	ND(0.96) J	ND(0.88) J	ND(0.87) J [ND(0.90) J]
Phenanthrene	1.7	ND(0.48)	1.1	0.56 [0.50]
Phenol	ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]

ATTACHMENT B
SUPPLEMENTAL PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

SUPPLEMENTAL PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS J AND K REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Sample ID: / Sample Depth(Feet): / Date Collected:	RAA15-A19SE 1-3 05/04/04	RAA15-A19SE 3-6 05/04/04	RAA15-A19SW 0-1 05/03/04	RAA15-A19SW 1-3 05/03/04
Semivolatile Organics (continued)				
Pronamide	ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]
Pyrene	1.8	ND(0.48)	2.7	1.1 [0.72]
Pyridine	ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]
Safrole	ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]
Thionazin	ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]
Furans				
2,3,7,8-TCDF	NA	NA	0.000040 Y	0.0000095 Y [0.0000055 Y]
TCDFs (total)	NA	NA	0.00053 QI	0.00011 Q [0.000051 Q]
1,2,3,7,8-PeCDF	NA	NA	0.000025	0.0000045 [0.0000026 J]
2,3,4,7,8-PeCDF	NA	NA	0.000099 Q	0.000011 Q [0.0000062]
PeCDFs (total)	NA	NA	0.00056 QI	0.00011 QI [0.000054 Q]
1,2,3,4,7,8-HxCDF	NA	NA	0.000073	0.0000094 [0.0000049]
1,2,3,6,7,8-HxCDF	NA	NA	0.000037	0.0000040 [0.0000022 J]
1,2,3,7,8,9-HxCDF	NA	NA	0.0000094	0.0000014 JQ [0.00000094 J]
2,3,4,6,7,8-HxCDF	NA	NA	0.000074	0.0000070 [0.0000039]
HxCDFs (total)	NA	NA	0.0011 Q	0.00012 Q [0.000061]
1,2,3,4,6,7,8-HpCDF	NA	NA	0.00015 Q	0.000026 [0.000011]
1,2,3,4,7,8,9-HpCDF	NA	NA	0.000030	0.0000034 [0.0000017 J]
HpCDFs (total)	NA	NA	0.00039 Q	0.000055 [0.000024]
OCDF	NA	NA	0.00023	0.000025 [0.000013]
Dioxins				
2,3,7,8-TCDD	NA	NA	0.0000016 Q	0.00000036 J [ND(0.00000024) X]
TCDDs (total)	NA	NA	0.000012 Q	0.0000030 [0.0000017]
1,2,3,7,8-PeCDD	NA	NA	0.0000033 Q	0.00000058 JQ [0.00000028 J]
PeCDDs (total)	NA	NA	0.000012 Q	0.0000033 Q [0.0000026 Q]
1,2,3,4,7,8-HxCDD	NA	NA	0.0000043	0.00000071 J [0.00000030 J]
1,2,3,6,7,8-HxCDD	NA	NA	0.000011	0.0000015 J [0.00000067 J]
1,2,3,7,8,9-HxCDD	NA	NA	0.0000087	0.0000012 J [0.00000048 J]
HxCDDs (total)	NA	NA	0.000072	0.000013 [0.0000066]
1,2,3,4,6,7,8-HpCDD	NA	NA	0.00018	0.000016 [0.0000093]
HpCDDs (total)	NA	NA	0.00036	0.000035 [0.000018]
OCDD	NA	NA	0.0016	0.00016 [0.000081]
Total TEQs (WHO TEFs)	NA	NA	0.000085	0.000011 [0.0000057]
Inorganics				
Antimony	NA	NA	ND(6.00)	ND(6.00) [ND(6.00)]
Arsenic	NA	NA	5.50	4.30 [6.00]
Barium	NA	NA	36.0	29.0 [43.0]
Beryllium	NA	NA	0.250 B	0.290 B [0.400 B]
Cadmium	NA	NA	1.60	0.570 [0.870]
Chromium	NA	NA	14.0	7.80 [14.0]
Cobalt	NA	NA	8.20	5.30 [8.30]
Copper	NA	NA	47.0	22.0 [34.0]
Cyanide	NA	NA	0.360	0.140 [0.130 B]
Lead	NA	NA	270	33.0 [54.0]
Mercury	NA	NA	0.160	0.0950 B [0.180]
Nickel	NA	NA	15.0	9.50 [16.0]
Selenium	NA	NA	0.980 J	ND(1.00) J [0.730 B]
Silver	NA	NA	ND(1.00)	ND(1.00) [ND(1.00)]
Sulfide	NA	NA	420	10.0 [11.0]
Thallium	NA	NA	ND(1.30) J	ND(1.30) J [ND(1.40)]
Tin	NA	NA	ND(10)	ND(10) [5.60 B]
Vanadium	NA	NA	21.0	7.90 [13.0]
Zinc	NA	NA	170	47.0 [90.0]

ATTACHMENT B
SUPPLEMENTAL PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

SUPPLEMENTAL PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS J AND K REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA15-A19SW 3-6 05/03/04	RAA15-A19SW 6-8 05/03/04	RAA15-A19SW 6-10 05/03/04	RAA15-B19S 1-3 05/03/04
Volatile Organics					
1,1,1,2-Tetrachloroethane		NA	ND(0.0068)	NA	ND(0.0067)
1,1,1-Trichloroethane		NA	ND(0.0068)	NA	ND(0.0067)
1,1,2,2-Tetrachloroethane		NA	ND(0.0068)	NA	ND(0.0067)
1,1,2-Trichloroethane		NA	ND(0.0068)	NA	ND(0.0067)
1,1-Dichloroethane		NA	ND(0.0068)	NA	ND(0.0067)
1,1-Dichloroethene		NA	ND(0.0068)	NA	ND(0.0067)
1,2,3-Trichloropropane		NA	ND(0.0068)	NA	ND(0.0067)
1,2-Dibromo-3-chloropropane		NA	ND(0.0068)	NA	ND(0.0067)
1,2-Dibromoethane		NA	ND(0.0068)	NA	ND(0.0067)
1,2-Dichloroethane		NA	ND(0.0068)	NA	ND(0.0067)
1,2-Dichloropropane		NA	ND(0.0068)	NA	ND(0.0067)
1,4-Dioxane		NA	ND(0.14) J	NA	ND(0.13) J
2-Butanone		NA	ND(0.014)	NA	ND(0.013)
2-Chloro-1,3-butadiene		NA	ND(0.0068)	NA	ND(0.0067)
2-Chloroethylvinylether		NA	ND(0.0068)	NA	ND(0.0067)
2-Hexanone		NA	ND(0.014)	NA	ND(0.013)
3-Chloropropene		NA	ND(0.0068)	NA	ND(0.0067)
4-Methyl-2-pentanone		NA	ND(0.014)	NA	ND(0.013)
Acetone		NA	0.018 J	NA	ND(0.027)
Acetonitrile		NA	ND(0.14) J	NA	ND(0.13) J
Acrolein		NA	ND(0.14) J	NA	ND(0.13) J
Acrylonitrile		NA	ND(0.0068)	NA	ND(0.0067)
Benzene		NA	ND(0.0068)	NA	ND(0.0067)
Bromodichloromethane		NA	ND(0.0068)	NA	ND(0.0067)
Bromoform		NA	ND(0.0068)	NA	ND(0.0067)
Bromomethane		NA	ND(0.0068)	NA	ND(0.0067)
Carbon Disulfide		NA	ND(0.0068)	NA	ND(0.0067)
Carbon Tetrachloride		NA	ND(0.0068)	NA	ND(0.0067)
Chlorobenzene		NA	ND(0.0068)	NA	ND(0.0067)
Chloroethane		NA	ND(0.0068)	NA	ND(0.0067)
Chloroform		NA	ND(0.0068)	NA	ND(0.0067)
Chloromethane		NA	ND(0.0068)	NA	ND(0.0067)
cis-1,3-Dichloropropene		NA	ND(0.0068)	NA	ND(0.0067)
Dibromochloromethane		NA	ND(0.0068)	NA	ND(0.0067)
Dibromomethane		NA	ND(0.0068)	NA	ND(0.0067)
Dichlorodifluoromethane		NA	ND(0.0068)	NA	ND(0.0067)
Ethyl Methacrylate		NA	ND(0.0068)	NA	ND(0.0067)
Ethylbenzene		NA	ND(0.0068)	NA	ND(0.0067)
Iodomethane		NA	ND(0.0068)	NA	ND(0.0067)
Isobutanol		NA	ND(0.14) J	NA	ND(0.13) J
Methacrylonitrile		NA	ND(0.0068)	NA	ND(0.0067)
Methyl Methacrylate		NA	ND(0.0068)	NA	ND(0.0067)
Methylene Chloride		NA	ND(0.0068)	NA	ND(0.0067)
Propionitrile		NA	ND(0.014) J	NA	ND(0.013) J
Styrene		NA	ND(0.0068)	NA	ND(0.0067)
Tetrachloroethene		NA	ND(0.0068)	NA	ND(0.0067)
Toluene		NA	ND(0.0068)	NA	ND(0.0067)
trans-1,2-Dichloroethene		NA	ND(0.0068)	NA	ND(0.0067)
trans-1,3-Dichloropropene		NA	ND(0.0068)	NA	ND(0.0067)
trans-1,4-Dichloro-2-butene		NA	ND(0.0068)	NA	ND(0.0067)
Trichloroethene		NA	ND(0.0068)	NA	ND(0.0067)
Trichlorofluoromethane		NA	ND(0.0068)	NA	ND(0.0067)
Vinyl Acetate		NA	ND(0.0068)	NA	ND(0.0067)
Vinyl Chloride		NA	ND(0.0068)	NA	ND(0.0067)
Xylenes (total)		NA	ND(0.0068)	NA	ND(0.0067)

ATTACHMENT B
SUPPLEMENTAL PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

SUPPLEMENTAL PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS J AND K REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA15-A19SW 3-6 05/03/04	RAA15-A19SW 6-8 05/03/04	RAA15-A19SW 6-10 05/03/04	RAA15-B19S 1-3 05/03/04
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene		ND(0.98)	NA	ND(0.56)	ND(0.49)
1,2,4-Trichlorobenzene		ND(0.98)	NA	ND(0.56)	ND(0.49)
1,2-Dichlorobenzene		ND(0.98)	NA	ND(0.56)	ND(0.49)
1,2-Diphenylhydrazine		ND(0.98) J	NA	ND(0.56) J	ND(0.49) J
1,3,5-Trinitrobenzene		ND(0.98)	NA	ND(0.56)	ND(0.49)
1,3-Dichlorobenzene		ND(0.98)	NA	ND(0.56)	ND(0.49)
1,3-Dinitrobenzene		ND(1.0) J	NA	ND(1.0) J	ND(0.90) J
1,4-Dichlorobenzene		ND(0.98)	NA	ND(0.56)	ND(0.49)
1,4-Naphthoquinone		ND(1.0) J	NA	ND(1.0) J	ND(0.90) J
1-Naphthylamine		ND(1.0)	NA	ND(1.0)	ND(0.90)
2,3,4,6-Tetrachlorophenol		ND(0.98)	NA	ND(0.56)	ND(0.49)
2,4,5-Trichlorophenol		ND(0.98)	NA	ND(0.56)	ND(0.49)
2,4,6-Trichlorophenol		ND(0.98)	NA	ND(0.56)	ND(0.49)
2,4-Dichlorophenol		ND(0.98)	NA	ND(0.56)	ND(0.49)
2,4-Dimethylphenol		ND(0.98)	NA	ND(0.56)	ND(0.49)
2,4-Dinitrophenol		ND(4.9)	NA	ND(2.8)	ND(2.4)
2,4-Dinitrotoluene		ND(0.98)	NA	ND(0.56)	ND(0.49)
2,6-Dichlorophenol		ND(0.98)	NA	ND(0.56)	ND(0.49)
2,6-Dinitrotoluene		ND(0.98)	NA	ND(0.56)	ND(0.49)
2-Acetylaminofluorene		ND(1.0)	NA	ND(1.0)	ND(0.90)
2-Chloronaphthalene		ND(0.98)	NA	ND(0.56)	ND(0.49)
2-Chlorophenol		ND(0.98)	NA	ND(0.56)	ND(0.49)
2-Methylnaphthalene		ND(0.98)	NA	ND(0.56)	ND(0.49)
2-Methylphenol		ND(0.98)	NA	ND(0.56)	ND(0.49)
2-Naphthylamine		ND(1.0)	NA	ND(1.0)	ND(0.90)
2-Nitroaniline		ND(4.9) J	NA	ND(2.8) J	ND(2.4) J
2-Nitrophenol		ND(1.0)	NA	ND(1.0)	ND(0.90)
2-Picoline		ND(0.98)	NA	ND(0.56)	ND(0.49)
3&4-Methylphenol		ND(1.0)	NA	ND(1.0)	ND(0.90)
3,3'-Dichlorobenzidine		ND(2.0)	NA	ND(1.1)	ND(0.98)
3,3'-Dimethylbenzidine		ND(0.98)	NA	ND(0.56)	ND(0.49)
3-Methylcholanthrene		ND(1.0)	NA	ND(1.0)	ND(0.90)
3-Nitroaniline		ND(4.9)	NA	ND(2.8)	ND(2.4)
4,6-Dinitro-2-methylphenol		ND(0.98)	NA	ND(0.56)	ND(0.49)
4-Aminobiphenyl		ND(1.0)	NA	ND(1.0)	ND(0.90)
4-Bromophenyl-phenylether		ND(0.98)	NA	ND(0.56)	ND(0.49)
4-Chloro-3-Methylphenol		ND(0.98)	NA	ND(0.56)	ND(0.49)
4-Chloroaniline		ND(0.98)	NA	ND(0.56)	ND(0.49)
4-Chlorobenzilate		ND(1.0)	NA	ND(1.0)	ND(0.90)
4-Chlorophenyl-phenylether		ND(0.98)	NA	ND(0.56)	ND(0.49)
4-Nitroaniline		ND(2.6) J	NA	ND(2.6) J	ND(2.3) J
4-Nitrophenol		ND(4.9) J	NA	ND(2.8) J	ND(2.4) J
4-Nitroquinoline-1-oxide		ND(1.0) J	NA	ND(1.0) J	ND(0.90) J
4-Phenylenediamine		ND(1.0)	NA	ND(1.0)	ND(0.90)
5-Nitro-o-toluidine		ND(1.0)	NA	ND(1.0)	ND(0.90)
7,12-Dimethylbenz(a)anthracene		ND(1.0)	NA	ND(1.0)	ND(0.90)
a,a'-Dimethylphenethylamine		ND(1.0) J	NA	ND(1.0) J	ND(0.90) J
Acenaphthene		ND(0.98)	NA	ND(0.56)	ND(0.49)
Acenaphthylene		ND(0.98)	NA	ND(0.56)	ND(0.49)
Acetophenone		ND(0.98)	NA	ND(0.56)	ND(0.49)
Aniline		ND(0.98)	NA	ND(0.56)	ND(0.49)
Anthracene		ND(0.98)	NA	ND(0.56)	ND(0.49)
Aramite		ND(1.0)	NA	ND(1.0)	ND(0.90)
Benzidine		ND(2.0) J	NA	ND(1.1) J	ND(0.98) J
Benzo(a)anthracene		ND(0.98)	NA	ND(0.56)	ND(0.49)

ATTACHMENT B
SUPPLEMENTAL PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

SUPPLEMENTAL PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS J AND K REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA15-A19SW 3-6 05/03/04	RAA15-A19SW 6-8 05/03/04	RAA15-A19SW 6-10 05/03/04	RAA15-B19S 1-3 05/03/04
Semivolatile Organics (continued)				
Benzo(a)pyrene	0.20 J	NA	0.18 J	ND(0.49)
Benzo(b)fluoranthene	ND(0.98)	NA	ND(0.56)	ND(0.49)
Benzo(g,h,i)perylene	ND(0.98)	NA	ND(0.56)	ND(0.49)
Benzo(k)fluoranthene	ND(0.98)	NA	ND(0.56)	ND(0.49)
Benzyl Alcohol	ND(2.0) J	NA	ND(1.1) J	ND(0.98) J
bis(2-Chloroethoxy)methane	ND(0.98)	NA	ND(0.56)	ND(0.49)
bis(2-Chloroethyl)ether	ND(0.98)	NA	ND(0.56)	ND(0.49)
bis(2-Chloroisopropyl)ether	ND(0.98)	NA	ND(0.56)	ND(0.49)
bis(2-Ethylhexyl)phthalate	ND(0.51)	NA	ND(0.50)	ND(0.44)
Butylbenzylphthalate	ND(0.98)	NA	ND(0.56)	ND(0.49)
Chrysene	ND(0.98)	NA	ND(0.56)	ND(0.49)
Diallate	ND(1.0)	NA	ND(1.0)	ND(0.90)
Dibenzo(a,h)anthracene	ND(0.98)	NA	ND(0.56)	ND(0.49)
Dibenzofuran	ND(0.98)	NA	ND(0.56)	ND(0.49)
Diethylphthalate	ND(0.98)	NA	ND(0.56)	ND(0.49)
Dimethylphthalate	ND(0.98)	NA	ND(0.56)	ND(0.49)
Di-n-Butylphthalate	ND(0.98)	NA	ND(0.56)	ND(0.49)
Di-n-Octylphthalate	ND(0.98)	NA	ND(0.56)	ND(0.49)
Diphenylamine	ND(0.98)	NA	ND(0.56)	ND(0.49)
Ethyl Methanesulfonate	ND(0.98)	NA	ND(0.56)	ND(0.49)
Fluoranthene	ND(0.98)	NA	ND(0.56)	0.12 J
Fluorene	ND(0.98)	NA	ND(0.56)	ND(0.49)
Hexachlorobenzene	ND(0.98)	NA	ND(0.56)	ND(0.49)
Hexachlorobutadiene	ND(0.98)	NA	ND(0.56)	ND(0.49)
Hexachlorocyclopentadiene	ND(0.98)	NA	ND(0.56)	ND(0.49)
Hexachloroethane	ND(0.98)	NA	ND(0.56)	ND(0.49)
Hexachlorophene	ND(2.0)	NA	ND(1.1)	ND(0.98)
Hexachloropropene	ND(0.98) J	NA	ND(0.56) J	ND(0.49) J
Indeno(1,2,3-cd)pyrene	ND(0.98)	NA	ND(0.56)	ND(0.49)
Isodrin	ND(0.98)	NA	ND(0.56)	ND(0.49)
Isophorone	ND(0.98)	NA	ND(0.56)	ND(0.49)
Isosafrole	ND(1.0)	NA	ND(1.0)	ND(0.90)
Methapyrilene	ND(1.0) J	NA	ND(1.0) J	ND(0.90) J
Methyl Methanesulfonate	ND(0.98) J	NA	ND(0.56) J	ND(0.49) J
Naphthalene	ND(0.98)	NA	ND(0.56)	ND(0.49)
Nitrobenzene	ND(0.98)	NA	ND(0.56)	ND(0.49)
N-Nitrosodiethylamine	ND(0.98) J	NA	ND(0.56) J	ND(0.49) J
N-Nitrosodimethylamine	ND(0.98)	NA	ND(0.56)	ND(0.49)
N-Nitroso-di-n-butylamine	ND(1.0)	NA	ND(1.0)	ND(0.90)
N-Nitroso-di-n-propylamine	ND(0.98)	NA	ND(0.56)	ND(0.49)
N-Nitrosodiphenylamine	ND(0.98)	NA	ND(0.56)	ND(0.49)
N-Nitrosomethylethylamine	ND(1.0)	NA	ND(1.0)	ND(0.90)
N-Nitrosomorpholine	ND(0.98)	NA	ND(0.56)	ND(0.49)
N-Nitrosopiperidine	ND(0.98)	NA	ND(0.56)	ND(0.49)
N-Nitrosopyrrolidine	ND(1.0)	NA	ND(1.0)	ND(0.90)
o,o,o-Triethylphosphorothioate	ND(0.98)	NA	ND(0.56)	ND(0.49)
o-Toluidine	ND(0.98)	NA	ND(0.56)	ND(0.49)
p-Dimethylaminoazobenzene	ND(1.0)	NA	ND(1.0)	ND(0.90)
Pentachlorobenzene	ND(0.98)	NA	ND(0.56)	ND(0.49)
Pentachloroethane	ND(0.98) J	NA	ND(0.56) J	ND(0.49) J
Pentachloronitrobenzene	ND(1.0) J	NA	ND(1.0) J	ND(0.90) J
Pentachlorophenol	ND(4.9)	NA	ND(2.8)	ND(2.4)
Phenacetin	ND(1.0) J	NA	ND(1.0) J	ND(0.90) J
Phenanthrene	ND(0.98)	NA	ND(0.56)	ND(0.49)
Phenol	ND(0.98)	NA	ND(0.56)	ND(0.49)

ATTACHMENT B
SUPPLEMENTAL PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

SUPPLEMENTAL PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS J AND K REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA15-A19SW 3-6 05/03/04	RAA15-A19SW 6-8 05/03/04	RAA15-A19SW 6-10 05/03/04	RAA15-B19S 1-3 05/03/04
Semivolatile Organics (continued)					
Pronamide		ND(0.98)	NA	ND(0.56)	ND(0.49)
Pyrene		ND(0.98)	NA	ND(0.56)	0.12 J
Pyridine		ND(0.98)	NA	ND(0.56)	ND(0.49)
Safrole		ND(0.98)	NA	ND(0.56)	ND(0.49)
Thionazin		ND(0.98)	NA	ND(0.56)	ND(0.49)
Furans					
2,3,7,8-TCDF		NA	NA	ND(0.000000098) X	0.0000097 Y
TCDFs (total)		NA	NA	ND(0.00000012)	0.000093
1,2,3,7,8-PeCDF		NA	NA	ND(0.000000094) X	0.0000056
2,3,4,7,8-PeCDF		NA	NA	ND(0.000000064) X	0.0000099
PeCDFs (total)		NA	NA	ND(0.000000047)	0.000094
1,2,3,4,7,8-HxCDF		NA	NA	ND(0.00000031)	0.000019
1,2,3,6,7,8-HxCDF		NA	NA	ND(0.00000031)	0.0000088
1,2,3,7,8,9-HxCDF		NA	NA	ND(0.00000031)	0.0000027 J
2,3,4,6,7,8-HxCDF		NA	NA	ND(0.00000031)	0.0000066
HxCDFs (total)		NA	NA	ND(0.00000031)	0.000095
1,2,3,4,6,7,8-HpCDF		NA	NA	0.00000011 J	0.000036
1,2,3,4,7,8,9-HpCDF		NA	NA	ND(0.00000031)	0.000011
HpCDFs (total)		NA	NA	0.00000011	0.000076
OCDF		NA	NA	ND(0.00000062)	0.000080
Dioxins					
2,3,7,8-TCDD		NA	NA	ND(0.00000012)	0.00000026 J
TCDDs (total)		NA	NA	ND(0.00000029)	0.0000013
1,2,3,7,8-PeCDD		NA	NA	ND(0.00000031)	ND(0.00000050) X
PeCDDs (total)		NA	NA	ND(0.00000031)	0.0000038
1,2,3,4,7,8-HxCDD		NA	NA	ND(0.00000031)	0.00000067 J
1,2,3,6,7,8-HxCDD		NA	NA	ND(0.00000031)	0.00000089 J
1,2,3,7,8,9-HxCDD		NA	NA	ND(0.00000031)	0.0000013 J
HxCDDs (total)		NA	NA	ND(0.00000051)	0.000011
1,2,3,4,6,7,8-HpCDD		NA	NA	ND(0.00000030) X	0.0000081
HpCDDs (total)		NA	NA	ND(0.00000031)	0.000016
OCDD		NA	NA	ND(0.0000011)	0.000044
Total TEQs (WHO TEFs)		NA	NA	0.00000035	0.000011
Inorganics					
Antimony		NA	NA	ND(6.00)	ND(6.00)
Arsenic		NA	NA	0.700 B	4.40
Barium		NA	NA	11.0 B	49.0
Beryllium		NA	NA	0.170 B	0.500 B
Cadmium		NA	NA	0.270 B	1.00
Chromium		NA	NA	3.60	15.0
Cobalt		NA	NA	2.90 B	10.0
Copper		NA	NA	4.00	28.0
Cyanide		NA	NA	0.0420 B	0.0700 B
Lead		NA	NA	2.00	73.0
Mercury		NA	NA	ND(0.150)	0.370
Nickel		NA	NA	5.30	16.0
Selenium		NA	NA	ND(1.10) J	0.680 J
Silver		NA	NA	ND(1.10)	ND(1.00)
Sulfide		NA	NA	15.0	6.40 B
Thallium		NA	NA	ND(1.50) J	ND(1.30) J
Tin		NA	NA	ND(10)	ND(10)
Vanadium		NA	NA	3.90 B	18.0
Zinc		NA	NA	23.0	100

ATTACHMENT B
SUPPLEMENTAL PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

SUPPLEMENTAL PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS J AND K REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA15-B19S 10-12 05/03/04	RAA15-B19S 10-15 05/03/04	RAA15-C6 0-1 05/05/04	RAA15-C6 6-8 05/05/04	RAA15-C6 6-10 05/05/04
Volatile Organics						
1,1,1,2-Tetrachloroethane		ND(0.0071)	NA	NA	ND(0.0060)	NA
1,1,1-Trichloroethane		ND(0.0071)	NA	NA	ND(0.0060)	NA
1,1,2,2-Tetrachloroethane		ND(0.0071)	NA	NA	ND(0.0060)	NA
1,1,2-Trichloroethane		ND(0.0071)	NA	NA	ND(0.0060)	NA
1,1-Dichloroethane		ND(0.0071)	NA	NA	ND(0.0060)	NA
1,1-Dichloroethene		ND(0.0071)	NA	NA	ND(0.0060)	NA
1,2,3-Trichloropropane		ND(0.0071)	NA	NA	ND(0.0060)	NA
1,2-Dibromo-3-chloropropane		ND(0.0071)	NA	NA	ND(0.0060)	NA
1,2-Dibromoethane		ND(0.0071)	NA	NA	ND(0.0060)	NA
1,2-Dichloroethane		ND(0.0071)	NA	NA	ND(0.0060)	NA
1,2-Dichloropropane		ND(0.0071)	NA	NA	ND(0.0060)	NA
1,4-Dioxane		ND(0.14) J	NA	NA	ND(0.12) J	NA
2-Butanone		ND(0.014)	NA	NA	ND(0.012)	NA
2-Chloro-1,3-butadiene		ND(0.0071)	NA	NA	ND(0.0060)	NA
2-Chloroethylvinylether		ND(0.0071)	NA	NA	ND(0.0060)	NA
2-Hexanone		ND(0.014)	NA	NA	ND(0.012)	NA
3-Chloropropene		ND(0.0071)	NA	NA	ND(0.0060)	NA
4-Methyl-2-pentanone		ND(0.014)	NA	NA	ND(0.012)	NA
Acetone		ND(0.028)	NA	NA	ND(0.024)	NA
Acetonitrile		ND(0.14) J	NA	NA	ND(0.12) J	NA
Acrolein		ND(0.14) J	NA	NA	ND(0.12) J	NA
Acrylonitrile		ND(0.0071)	NA	NA	ND(0.0060)	NA
Benzene		ND(0.0071)	NA	NA	ND(0.0060)	NA
Bromodichloromethane		ND(0.0071)	NA	NA	ND(0.0060)	NA
Bromoform		ND(0.0071)	NA	NA	ND(0.0060)	NA
Bromomethane		ND(0.0071)	NA	NA	ND(0.0060)	NA
Carbon Disulfide		ND(0.0071)	NA	NA	ND(0.0060)	NA
Carbon Tetrachloride		ND(0.0071)	NA	NA	ND(0.0060)	NA
Chlorobenzene		ND(0.0071)	NA	NA	ND(0.0060)	NA
Chloroethane		ND(0.0071)	NA	NA	ND(0.0060)	NA
Chloroform		ND(0.0071)	NA	NA	ND(0.0060)	NA
Chloromethane		ND(0.0071)	NA	NA	ND(0.0060)	NA
cis-1,3-Dichloropropene		ND(0.0071)	NA	NA	ND(0.0060)	NA
Dibromochloromethane		ND(0.0071)	NA	NA	ND(0.0060)	NA
Dibromomethane		ND(0.0071)	NA	NA	ND(0.0060)	NA
Dichlorodifluoromethane		ND(0.0071)	NA	NA	ND(0.0060)	NA
Ethyl Methacrylate		ND(0.0071)	NA	NA	ND(0.0060)	NA
Ethylbenzene		ND(0.0071)	NA	NA	ND(0.0060)	NA
Iodomethane		ND(0.0071)	NA	NA	ND(0.0060)	NA
Isobutanol		ND(0.14) J	NA	NA	ND(0.12) J	NA
Methacrylonitrile		ND(0.0071)	NA	NA	ND(0.0060)	NA
Methyl Methacrylate		ND(0.0071)	NA	NA	ND(0.0060)	NA
Methylene Chloride		ND(0.0071)	NA	NA	ND(0.0060)	NA
Propionitrile		ND(0.014) J	NA	NA	ND(0.012) J	NA
Styrene		ND(0.0071)	NA	NA	ND(0.0060)	NA
Tetrachloroethene		ND(0.0071)	NA	NA	ND(0.0060)	NA
Toluene		ND(0.0071)	NA	NA	ND(0.0060)	NA
trans-1,2-Dichloroethene		ND(0.0071)	NA	NA	ND(0.0060)	NA
trans-1,3-Dichloropropene		ND(0.0071)	NA	NA	ND(0.0060)	NA
trans-1,4-Dichloro-2-butene		ND(0.0071)	NA	NA	ND(0.0060)	NA
Trichloroethene		ND(0.0071)	NA	NA	ND(0.0060)	NA
Trichlorofluoromethane		ND(0.0071)	NA	NA	ND(0.0060)	NA
Vinyl Acetate		ND(0.0071)	NA	NA	ND(0.0060)	NA
Vinyl Chloride		ND(0.0071)	NA	NA	ND(0.0060)	NA
Xylenes (total)		ND(0.0071)	NA	NA	ND(0.0060)	NA

ATTACHMENT B
SUPPLEMENTAL PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

SUPPLEMENTAL PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS J AND K REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA15-B19S 10-12 05/03/04	RAA15-B19S 10-15 05/03/04	RAA15-C6 0-1 05/05/04	RAA15-C6 6-8 05/05/04	RAA15-C6 6-10 05/05/04
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene		NA	ND(0.52)	ND(0.42)	NA	ND(0.40)
1,2,4-Trichlorobenzene		NA	ND(0.52)	ND(0.42)	NA	ND(0.40)
1,2-Dichlorobenzene		NA	ND(0.52)	ND(0.42)	NA	ND(0.40)
1,2-Diphenylhydrazine		NA	ND(0.52) J	ND(0.42) J	NA	ND(0.40) J
1,3,5-Trinitrobenzene		NA	ND(0.52)	ND(0.42) J	NA	ND(0.40) J
1,3-Dichlorobenzene		NA	ND(0.52)	ND(0.42)	NA	ND(0.40)
1,3-Dinitrobenzene		NA	ND(0.87) J	ND(0.84) J	NA	ND(0.79) J
1,4-Dichlorobenzene		NA	ND(0.52)	ND(0.42)	NA	ND(0.40)
1,4-Naphthoquinone		NA	ND(0.87) J	ND(0.84)	NA	ND(0.79)
1-Naphthylamine		NA	ND(0.87)	ND(0.84)	NA	ND(0.79)
2,3,4,6-Tetrachlorophenol		NA	ND(0.52)	ND(0.42)	NA	ND(0.40)
2,4,5-Trichlorophenol		NA	ND(0.52)	ND(0.42)	NA	ND(0.40)
2,4,6-Trichlorophenol		NA	ND(0.52)	ND(0.42)	NA	ND(0.40)
2,4-Dichlorophenol		NA	ND(0.52)	ND(0.42)	NA	ND(0.40)
2,4-Dimethylphenol		NA	ND(0.52)	ND(0.42)	NA	ND(0.40)
2,4-Dinitrophenol		NA	ND(2.6)	ND(2.1)	NA	ND(2.0)
2,4-Dinitrotoluene		NA	ND(0.52)	0.86	NA	ND(0.40)
2,6-Dichlorophenol		NA	ND(0.52)	ND(0.42)	NA	ND(0.40)
2,6-Dinitrotoluene		NA	ND(0.52)	ND(0.42) J	NA	ND(0.40) J
2-Acetylaminofluorene		NA	ND(0.87)	ND(0.84)	NA	ND(0.79)
2-Chloronaphthalene		NA	ND(0.52)	ND(0.42)	NA	ND(0.40)
2-Chlorophenol		NA	ND(0.52)	ND(0.42)	NA	ND(0.40)
2-Methylnaphthalene		NA	ND(0.52)	ND(0.42)	NA	ND(0.40)
2-Methylphenol		NA	ND(0.52)	ND(0.42)	NA	ND(0.40)
2-Naphthylamine		NA	ND(0.87)	ND(0.84)	NA	ND(0.79)
2-Nitroaniline		NA	ND(2.6) J	ND(2.1) J	NA	ND(2.0) J
2-Nitrophenol		NA	ND(0.87)	ND(0.84)	NA	ND(0.79)
2-Picoline		NA	ND(0.52)	ND(0.42)	NA	ND(0.40)
3&4-Methylphenol		NA	ND(0.87)	ND(0.84)	NA	0.57 J
3,3'-Dichlorobenzidine		NA	ND(1.0)	ND(0.84)	NA	ND(0.79)
3,3'-Dimethylbenzidine		NA	ND(0.52)	ND(0.42)	NA	ND(0.40)
3-Methylcholanthrene		NA	ND(0.87)	ND(0.84)	NA	ND(0.79)
3-Nitroaniline		NA	ND(2.6)	ND(2.1) J	NA	ND(2.0) J
4,6-Dinitro-2-methylphenol		NA	ND(0.52)	ND(0.42)	NA	ND(0.40)
4-Aminobiphenyl		NA	ND(0.87)	ND(0.84)	NA	ND(0.79)
4-Bromophenyl-phenylether		NA	ND(0.52)	ND(0.42)	NA	ND(0.40)
4-Chloro-3-Methylphenol		NA	ND(0.52)	ND(0.42)	NA	ND(0.40)
4-Chloroaniline		NA	ND(0.52)	ND(0.42)	NA	ND(0.40)
4-Chlorobenzilate		NA	ND(0.87)	ND(0.84)	NA	ND(0.79)
4-Chlorophenyl-phenylether		NA	ND(0.52)	ND(0.42)	NA	ND(0.40)
4-Nitroaniline		NA	ND(2.2) J	ND(2.1) J	NA	ND(2.0) J
4-Nitrophenol		NA	ND(2.6) J	ND(2.1) J	NA	ND(2.0) J
4-Nitroquinoline-1-oxide		NA	ND(0.87) J	ND(0.84) J	NA	ND(0.79) J
4-Phenylenediamine		NA	ND(0.87)	ND(0.84)	NA	ND(0.79)
5-Nitro-o-toluidine		NA	ND(0.87)	ND(0.84)	NA	ND(0.79)
7,12-Dimethylbenz(a)anthracene		NA	ND(0.87)	ND(0.84)	NA	ND(0.79)
a,a'-Dimethylphenethylamine		NA	ND(0.87) J	ND(0.84)	NA	ND(0.79)
Acenaphthene		NA	ND(0.52)	ND(0.42)	NA	ND(0.40)
Acenaphthylene		NA	ND(0.52)	0.14 J	NA	0.80
Acetophenone		NA	ND(0.52)	ND(0.42)	NA	ND(0.40)
Aniline		NA	ND(0.52)	0.31 J	NA	ND(0.40)
Anthracene		NA	ND(0.52)	0.42	NA	0.53
Aramite		NA	ND(0.87)	ND(0.84)	NA	ND(0.79)
Benzidine		NA	ND(1.0) J	ND(0.84) J	NA	ND(0.79) J
Benzo(a)anthracene		NA	ND(0.52)	0.96	NA	1.4

ATTACHMENT B
SUPPLEMENTAL PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

SUPPLEMENTAL PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS J AND K REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA15-B19S 10-12 05/03/04	RAA15-B19S 10-15 05/03/04	RAA15-C6 0-1 05/05/04	RAA15-C6 6-8 05/05/04	RAA15-C6 6-10 05/05/04
Semivolatile Organics (continued)						
Benzo(a)pyrene		NA	0.14 J	ND(0.42)	NA	1.0
Benzo(b)fluoranthene		NA	ND(0.52)	0.55	NA	1.0
Benzo(g,h,i)perylene		NA	ND(0.52)	0.38 J	NA	0.72
Benzo(k)fluoranthene		NA	ND(0.52)	0.68	NA	1.0
Benzyl Alcohol		NA	ND(1.0) J	ND(0.84) J	NA	ND(0.79) J
bis(2-Chloroethoxy)methane		NA	ND(0.52)	ND(0.42)	NA	ND(0.40)
bis(2-Chloroethyl)ether		NA	ND(0.52)	ND(0.42) J	NA	ND(0.40) J
bis(2-Chloroisopropyl)ether		NA	ND(0.52)	ND(0.42)	NA	ND(0.40)
bis(2-Ethylhexyl)phthalate		NA	ND(0.43)	0.27 J	NA	ND(0.39)
Butylbenzylphthalate		NA	ND(0.52)	ND(0.42)	NA	ND(0.40)
Chrysene		NA	ND(0.52)	1.1	NA	1.6
Diallate		NA	ND(0.87)	ND(0.84)	NA	ND(0.79)
Dibenzo(a,h)anthracene		NA	ND(0.52)	0.11 J	NA	0.19 J
Dibenzofuran		NA	ND(0.52)	0.10 J	NA	0.085 J
Diethylphthalate		NA	ND(0.52)	ND(0.42)	NA	ND(0.40)
Dimethylphthalate		NA	ND(0.52)	ND(0.42)	NA	ND(0.40)
Di-n-Butylphthalate		NA	ND(0.52)	0.092 J	NA	ND(0.40)
Di-n-Octylphthalate		NA	ND(0.52)	ND(0.42)	NA	ND(0.40)
Diphenylamine		NA	ND(0.52)	ND(0.42)	NA	ND(0.40)
Ethyl Methanesulfonate		NA	ND(0.52)	ND(0.42)	NA	ND(0.40)
Fluoranthene		NA	ND(0.52)	2.7	NA	3.4
Fluorene		NA	ND(0.52)	0.20 J	NA	ND(0.40)
Hexachlorobenzene		NA	ND(0.52)	ND(0.42)	NA	ND(0.40)
Hexachlorobutadiene		NA	ND(0.52)	ND(0.42)	NA	ND(0.40)
Hexachlorocyclopentadiene		NA	ND(0.52)	ND(0.42)	NA	ND(0.40)
Hexachloroethane		NA	ND(0.52)	ND(0.42)	NA	ND(0.40)
Hexachlorophene		NA	ND(1.0)	ND(0.84) J	NA	ND(0.79) J
Hexachloropropene		NA	ND(0.52) J	ND(0.42)	NA	ND(0.40)
Indeno(1,2,3-cd)pyrene		NA	ND(0.52)	0.34 J	NA	0.62
Isodrin		NA	ND(0.52)	ND(0.42)	NA	ND(0.40)
Isophorone		NA	ND(0.52)	ND(0.42)	NA	ND(0.40)
Isosafrole		NA	ND(0.87)	ND(0.84)	NA	ND(0.79)
Methapyrilene		NA	ND(0.87) J	ND(0.84)	NA	ND(0.79)
Methyl Methanesulfonate		NA	ND(0.52) J	ND(0.42)	NA	ND(0.40)
Naphthalene		NA	ND(0.52)	ND(0.42)	NA	0.16 J
Nitrobenzene		NA	ND(0.52)	ND(0.42)	NA	ND(0.40)
N-Nitrosodiethylamine		NA	ND(0.52) J	ND(0.42)	NA	ND(0.40)
N-Nitrosodimethylamine		NA	ND(0.52)	ND(0.42)	NA	ND(0.40)
N-Nitroso-di-n-butylamine		NA	ND(0.87)	ND(0.84)	NA	ND(0.79)
N-Nitroso-di-n-propylamine		NA	ND(0.52)	ND(0.42)	NA	ND(0.40)
N-Nitrosodiphenylamine		NA	ND(0.52)	ND(0.42)	NA	ND(0.40)
N-Nitrosomethylethylamine		NA	ND(0.87)	ND(0.84)	NA	ND(0.79)
N-Nitrosomorpholine		NA	ND(0.52)	ND(0.42)	NA	ND(0.40)
N-Nitrosopiperidine		NA	ND(0.52)	ND(0.42)	NA	ND(0.40)
N-Nitrosopyrrolidine		NA	ND(0.87)	ND(0.84)	NA	ND(0.79)
o,o,o-Triethylphosphorothioate		NA	ND(0.52)	ND(0.42)	NA	ND(0.40)
o-Toluidine		NA	ND(0.52)	ND(0.42)	NA	ND(0.40)
p-Dimethylaminoazobenzene		NA	ND(0.87)	ND(0.84)	NA	ND(0.79)
Pentachlorobenzene		NA	ND(0.52)	ND(0.42)	NA	ND(0.40)
Pentachloroethane		NA	ND(0.52) J	ND(0.42)	NA	ND(0.40)
Pentachloronitrobenzene		NA	ND(0.87) J	ND(0.84) J	NA	ND(0.79) J
Pentachlorophenol		NA	ND(2.6)	ND(2.1)	NA	ND(2.0)
Phenacetin		NA	ND(0.87) J	ND(0.84)	NA	ND(0.79)
Phenanthrene		NA	ND(0.52)	1.9	NA	1.7
Phenol		NA	ND(0.52)	ND(0.42)	NA	ND(0.40)

ATTACHMENT B
SUPPLEMENTAL PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

SUPPLEMENTAL PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS J AND K REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Sample ID: / Sample Depth(Feet): / Date Collected:	RAA15-B19S 10-12 05/03/04	RAA15-B19S 10-15 05/03/04	RAA15-C6 0-1 05/05/04	RAA15-C6 6-8 05/05/04	RAA15-C6 6-10 05/05/04
Semivolatile Organics (continued)					
Pronamide	NA	ND(0.52)	ND(0.42)	NA	ND(0.40)
Pyrene	NA	ND(0.52)	2.1	NA	3.1
Pyridine	NA	ND(0.52)	ND(0.42)	NA	ND(0.40)
Safrole	NA	ND(0.52)	ND(0.42)	NA	ND(0.40)
Thionazin	NA	ND(0.52)	ND(0.42)	NA	ND(0.40)
Furans					
2,3,7,8-TCDF	NA	ND(0.000000094) X	NA	NA	0.000038 Y
TCDFs (total)	NA	ND(0.00000011)	NA	NA	0.00054 QI
1,2,3,7,8-PeCDF	NA	ND(0.00000026)	NA	NA	0.000021 Q
2,3,4,7,8-PeCDF	NA	ND(0.00000026)	NA	NA	0.000074 Q
PeCDFs (total)	NA	ND(0.00000026)	NA	NA	0.00064 QI
1,2,3,4,7,8-HxCDF	NA	0.000000090 J	NA	NA	0.00011
1,2,3,6,7,8-HxCDF	NA	0.000000071 J	NA	NA	0.000046
1,2,3,7,8,9-HxCDF	NA	ND(0.00000026)	NA	NA	0.0000097 Q
2,3,4,6,7,8-HxCDF	NA	ND(0.00000026)	NA	NA	0.000062
HxCDFs (total)	NA	0.00000027	NA	NA	0.00095 Q
1,2,3,4,6,7,8-HpCDF	NA	0.00000015 J	NA	NA	0.00022
1,2,3,4,7,8,9-HpCDF	NA	ND(0.00000026)	NA	NA	0.000086
HpCDFs (total)	NA	0.00000015	NA	NA	0.00047
OCDF	NA	ND(0.00000052)	NA	NA	0.00052
Dioxins					
2,3,7,8-TCDD	NA	ND(0.00000011)	NA	NA	0.00000064 JQ
TCDDs (total)	NA	ND(0.00000025)	NA	NA	0.000010 Q
1,2,3,7,8-PeCDD	NA	ND(0.00000026)	NA	NA	ND(0.0000023)
PeCDDs (total)	NA	ND(0.00000026)	NA	NA	0.0000085 Q
1,2,3,4,7,8-HxCDD	NA	ND(0.00000026)	NA	NA	0.0000015 J
1,2,3,6,7,8-HxCDD	NA	ND(0.00000026)	NA	NA	ND(0.0000037)
1,2,3,7,8,9-HxCDD	NA	ND(0.00000026)	NA	NA	ND(0.0000025)
HxCDDs (total)	NA	ND(0.00000046)	NA	NA	0.000031
1,2,3,4,6,7,8-HpCDD	NA	0.00000017 J	NA	NA	0.000026
HpCDDs (total)	NA	0.00000017	NA	NA	0.000049
OCDD	NA	ND(0.00000081)	NA	NA	0.00018
Total TEQs (WHO TEFs)	NA	0.00000035	NA	NA	0.000070
Inorganics					
Antimony	NA	ND(6.00)	NA	NA	1.90 J
Arsenic	NA	0.720 B	NA	NA	3.60
Barium	NA	13.0 B	NA	NA	56.0
Beryllium	NA	0.140 B	NA	NA	0.180 B
Cadmium	NA	0.290 B	NA	NA	0.700
Chromium	NA	4.10	NA	NA	6.30
Cobalt	NA	3.80 B	NA	NA	3.60 B
Copper	NA	4.20	NA	NA	77.0
Cyanide	NA	ND(0.130)	NA	NA	0.280
Lead	NA	2.50	NA	NA	95.0
Mercury	NA	ND(0.130)	NA	NA	3.80
Nickel	NA	6.80	NA	NA	6.20
Selenium	NA	0.660 J	NA	NA	ND(1.00) J
Silver	NA	ND(1.00)	NA	NA	ND(1.00)
Sulfide	NA	12.0	NA	NA	46.0
Thallium	NA	ND(1.30) J	NA	NA	ND(1.20) J
Tin	NA	ND(10)	NA	NA	ND(10)
Vanadium	NA	4.50 B	NA	NA	8.10
Zinc	NA	25.0	NA	NA	75.0

ATTACHMENT B
SUPPLEMENTAL PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

SUPPLEMENTAL PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS J AND K REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA15-C11 3-6 05/05/04	RAA15-C11E 1-3 05/05/04	RAA15-C11NE 1-3 05/05/04	RAA15-C11NW 1-3 05/05/04
Volatile Organics					
1,1,1,2-Tetrachloroethane		NA	NA	NA	NA
1,1,1-Trichloroethane		NA	NA	NA	NA
1,1,2,2-Tetrachloroethane		NA	NA	NA	NA
1,1,2-Trichloroethane		NA	NA	NA	NA
1,1-Dichloroethane		NA	NA	NA	NA
1,1-Dichloroethene		NA	NA	NA	NA
1,2,3-Trichloropropane		NA	NA	NA	NA
1,2-Dibromo-3-chloropropane		NA	NA	NA	NA
1,2-Dibromoethane		NA	NA	NA	NA
1,2-Dichloroethane		NA	NA	NA	NA
1,2-Dichloropropane		NA	NA	NA	NA
1,4-Dioxane		NA	NA	NA	NA
2-Butanone		NA	NA	NA	NA
2-Chloro-1,3-butadiene		NA	NA	NA	NA
2-Chloroethylvinylether		NA	NA	NA	NA
2-Hexanone		NA	NA	NA	NA
3-Chloropropene		NA	NA	NA	NA
4-Methyl-2-pentanone		NA	NA	NA	NA
Acetone		NA	NA	NA	NA
Acetonitrile		NA	NA	NA	NA
Acrolein		NA	NA	NA	NA
Acrylonitrile		NA	NA	NA	NA
Benzene		NA	NA	NA	NA
Bromodichloromethane		NA	NA	NA	NA
Bromoform		NA	NA	NA	NA
Bromomethane		NA	NA	NA	NA
Carbon Disulfide		NA	NA	NA	NA
Carbon Tetrachloride		NA	NA	NA	NA
Chlorobenzene		NA	NA	NA	NA
Chloroethane		NA	NA	NA	NA
Chloroform		NA	NA	NA	NA
Chloromethane		NA	NA	NA	NA
cis-1,3-Dichloropropene		NA	NA	NA	NA
Dibromochloromethane		NA	NA	NA	NA
Dibromomethane		NA	NA	NA	NA
Dichlorodifluoromethane		NA	NA	NA	NA
Ethyl Methacrylate		NA	NA	NA	NA
Ethylbenzene		NA	NA	NA	NA
Iodomethane		NA	NA	NA	NA
Isobutanol		NA	NA	NA	NA
Methacrylonitrile		NA	NA	NA	NA
Methyl Methacrylate		NA	NA	NA	NA
Methylene Chloride		NA	NA	NA	NA
Propionitrile		NA	NA	NA	NA
Styrene		NA	NA	NA	NA
Tetrachloroethene		NA	NA	NA	NA
Toluene		NA	NA	NA	NA
trans-1,2-Dichloroethene		NA	NA	NA	NA
trans-1,3-Dichloropropene		NA	NA	NA	NA
trans-1,4-Dichloro-2-butene		NA	NA	NA	NA
Trichloroethene		NA	NA	NA	NA
Trichlorofluoromethane		NA	NA	NA	NA
Vinyl Acetate		NA	NA	NA	NA
Vinyl Chloride		NA	NA	NA	NA
Xylenes (total)		NA	NA	NA	NA

ATTACHMENT B
SUPPLEMENTAL PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

SUPPLEMENTAL PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS J AND K REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA15-C11 3-6 05/05/04	RAA15-C11E 1-3 05/05/04	RAA15-C11NE 1-3 05/05/04	RAA15-C11NW 1-3 05/05/04
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene		ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)
1,2,4-Trichlorobenzene		ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)
1,2-Dichlorobenzene		ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)
1,2-Diphenylhydrazine		ND(0.36) J [ND(0.37) J]	ND(0.37) J	ND(0.38) J	ND(0.37) J
1,3,5-Trinitrobenzene		ND(0.36) J [ND(0.37) J]	ND(0.37) J	ND(0.38) J	ND(0.37) J
1,3-Dichlorobenzene		ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)
1,3-Dinitrobenzene		ND(0.73) J [ND(0.74) J]	ND(0.75) J	ND(0.75) J	ND(0.74) J
1,4-Dichlorobenzene		ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)
1,4-Naphthoquinone		ND(0.73) [ND(0.74)]	ND(0.75)	ND(0.75)	ND(0.74)
1-Naphthylamine		ND(0.73) [ND(0.74)]	ND(0.75)	ND(0.75)	ND(0.74)
2,3,4,6-Tetrachlorophenol		ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)
2,4,5-Trichlorophenol		ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)
2,4,6-Trichlorophenol		ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)
2,4-Dichlorophenol		ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)
2,4-Dimethylphenol		ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)
2,4-Dinitrophenol		ND(1.9) [ND(1.9)]	ND(1.9)	ND(1.9)	ND(1.9)
2,4-Dinitrotoluene		ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)
2,6-Dichlorophenol		ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)
2,6-Dinitrotoluene		ND(0.36) J [ND(0.37) J]	ND(0.37) J	ND(0.38) J	ND(0.37) J
2-Acetylaminofluorene		ND(0.73) [ND(0.74)]	ND(0.75)	ND(0.75)	ND(0.74)
2-Chloronaphthalene		ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)
2-Chlorophenol		ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)
2-Methylnaphthalene		ND(0.36) [ND(0.37)]	0.69	0.20 J	0.80
2-Methylphenol		ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)
2-Naphthylamine		ND(0.73) [ND(0.74)]	ND(0.75)	ND(0.75)	ND(0.74)
2-Nitroaniline		ND(1.9) J [ND(1.9) J]	ND(1.9) J	ND(1.9) J	ND(1.9) J
2-Nitrophenol		ND(0.73) [ND(0.74)]	ND(0.75)	ND(0.75)	ND(0.74)
2-Picoline		ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)
3&4-Methylphenol		ND(0.73) [ND(0.74)]	ND(0.75)	ND(0.75)	ND(0.74)
3,3'-Dichlorobenzidine		ND(0.73) [ND(0.74)]	ND(0.75)	ND(0.75)	ND(0.74)
3,3'-Dimethylbenzidine		ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)
3-Methylcholanthrene		ND(0.73) [ND(0.74)]	ND(0.75)	ND(0.75)	ND(0.74)
3-Nitroaniline		ND(1.9) J [ND(1.9) J]	ND(1.9) J	ND(1.9) J	ND(1.9) J
4,6-Dinitro-2-methylphenol		ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)
4-Aminobiphenyl		ND(0.73) [ND(0.74)]	ND(0.75)	ND(0.75)	ND(0.74)
4-Bromophenyl-phenylether		ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)
4-Chloro-3-Methylphenol		ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)
4-Chloroaniline		ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)
4-Chlorobenzilate		ND(0.73) [ND(0.74)]	ND(0.75)	ND(0.75)	ND(0.74)
4-Chlorophenyl-phenylether		ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)
4-Nitroaniline		ND(1.9) J [ND(1.9) J]	ND(1.9) J	ND(1.9) J	ND(1.9) J
4-Nitrophenol		ND(1.9) J [ND(1.9) J]	ND(1.9) J	ND(1.9) J	ND(1.9) J
4-Nitroquinoline-1-oxide		ND(0.73) J [ND(0.74) J]	ND(0.75) J	ND(0.75) J	ND(0.74) J
4-Phenylenediamine		ND(0.73) [ND(0.74)]	ND(0.75)	ND(0.75)	ND(0.74)
5-Nitro-o-toluidine		ND(0.73) [ND(0.74)]	ND(0.75)	ND(0.75)	ND(0.74)
7,12-Dimethylbenz(a)anthracene		ND(0.73) [ND(0.74)]	ND(0.75)	ND(0.75)	ND(0.74)
a,a'-Dimethylphenethylamine		ND(0.73) [ND(0.74)]	ND(0.75)	ND(0.75)	ND(0.74)
Acenaphthene		0.14 J [0.15 J]	3.4	1.1	4.2
Acenaphthylene		0.15 J [0.087 J]	0.47	0.47	0.53
Acetophenone		ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)
Aniline		ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)
Anthracene		0.37 [0.43]	12	4.1	10
Aramite		ND(0.73) [ND(0.74)]	ND(0.75)	ND(0.75)	ND(0.74)
Benzidine		ND(0.73) J [ND(0.74) J]	ND(0.75) J	ND(0.75) J	ND(0.74) J
Benzo(a)anthracene		1.2 [0.93]	26	12	24

ATTACHMENT B
SUPPLEMENTAL PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

SUPPLEMENTAL PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS J AND K REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA15-C11 3-6 05/05/04	RAA15-C11E 1-3 05/05/04	RAA15-C11NE 1-3 05/05/04	RAA15-C11NW 1-3 05/05/04
Semivolatile Organics (continued)				
Benzo(a)pyrene	0.66 [0.48]	14	6.6	13
Benzo(b)fluoranthene	0.62 [0.38]	14	6.0	12
Benzo(g,h,i)perylene	0.44 [0.26 J]	6.0	3.6	7.1
Benzo(k)fluoranthene	0.72 [0.47]	18	5.9	14
Benzyl Alcohol	ND(0.73) J [ND(0.74) J]	ND(0.75) J	ND(0.75) J	ND(0.74) J
bis(2-Chloroethoxy)methane	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)
bis(2-Chloroethyl)ether	ND(0.36) J [ND(0.37) J]	ND(0.37) J	ND(0.38) J	ND(0.37) J
bis(2-Chloroisopropyl)ether	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)
bis(2-Ethylhexyl)phthalate	ND(0.36) [ND(0.36)]	ND(0.37)	ND(0.37)	ND(0.37)
Butylbenzylphthalate	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)
Chrysene	1.2 [0.96]	26	11	24
Diallate	ND(0.73) [ND(0.74)]	ND(0.75)	ND(0.75)	ND(0.74)
Dibenzo(a,h)anthracene	0.14 J [ND(0.37)]	2.3	1.4	2.6
Dibenzofuran	ND(0.36) [0.079 J]	2.0	0.62	2.4
Diethylphthalate	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)
Dimethylphthalate	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)
Di-n-Butylphthalate	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)
Di-n-Octylphthalate	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)
Diphenylamine	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)
Ethyl Methanesulfonate	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)
Fluoranthene	2.4 [2.4]	66	29	60
Fluorene	0.12 J [0.13 J]	4.4	1.3	5.1
Hexachlorobenzene	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)
Hexachlorobutadiene	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)
Hexachlorocyclopentadiene	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)
Hexachloroethane	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)
Hexachlorophene	ND(0.73) J [ND(0.74) J]	ND(0.75) J	ND(0.75) J	ND(0.74) J
Hexachloropropene	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)
Indeno(1,2,3-cd)pyrene	0.40 [0.25 J]	5.7	3.2	6.5
Isodrin	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)
Isophorone	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)
Isosafrole	ND(0.73) [ND(0.74)]	ND(0.75)	ND(0.75)	ND(0.74)
Methapyrilene	ND(0.73) [ND(0.74)]	ND(0.75)	ND(0.75)	ND(0.74)
Methyl Methanesulfonate	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)
Naphthalene	0.13 J [0.15 J]	2.0	0.75	2.1
Nitrobenzene	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)
N-Nitrosodiethylamine	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)
N-Nitrosodimethylamine	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)
N-Nitroso-di-n-butylamine	ND(0.73) [ND(0.74)]	ND(0.75)	ND(0.75)	ND(0.74)
N-Nitroso-di-n-propylamine	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)
N-Nitrosodiphenylamine	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)
N-Nitrosomethylethylamine	ND(0.73) [ND(0.74)]	ND(0.75)	ND(0.75)	ND(0.74)
N-Nitrosomorpholine	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)
N-Nitrosopiperidine	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)
N-Nitrosopyrrolidine	ND(0.73) [ND(0.74)]	ND(0.75)	ND(0.75)	ND(0.74)
o,o,o-Triethylphosphorothioate	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)
o-Toluidine	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)
p-Dimethylaminoazobenzene	ND(0.73) [ND(0.74)]	ND(0.75)	ND(0.75)	ND(0.74)
Pentachlorobenzene	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)
Pentachloroethane	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)
Pentachloronitrobenzene	ND(0.73) J [ND(0.74) J]	ND(0.75) J	ND(0.75) J	ND(0.74) J
Pentachlorophenol	ND(1.9) [ND(1.9)]	ND(1.9)	ND(1.9)	ND(1.9)
Phenacetin	ND(0.73) [ND(0.74)]	ND(0.75)	ND(0.75)	ND(0.74)
Phenanthrene	1.3 [1.5]	40	13	38
Phenol	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)

ATTACHMENT B
SUPPLEMENTAL PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

SUPPLEMENTAL PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS J AND K REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA15-C11 3-6 05/05/04	RAA15-C11E 1-3 05/05/04	RAA15-C11NE 1-3 05/05/04	RAA15-C11NW 1-3 05/05/04
Semivolatile Organics (continued)					
Pronamide		ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)
Pyrene		2.1 [1.9]	50	23	46
Pyridine		ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)
Safrole		ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)
Thionazin		ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)
Furans					
2,3,7,8-TCDF		NA	NA	NA	NA
TCDFs (total)		NA	NA	NA	NA
1,2,3,7,8-PeCDF		NA	NA	NA	NA
2,3,4,7,8-PeCDF		NA	NA	NA	NA
PeCDFs (total)		NA	NA	NA	NA
1,2,3,4,7,8-HxCDF		NA	NA	NA	NA
1,2,3,6,7,8-HxCDF		NA	NA	NA	NA
1,2,3,7,8,9-HxCDF		NA	NA	NA	NA
2,3,4,6,7,8-HxCDF		NA	NA	NA	NA
HxCDFs (total)		NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDF		NA	NA	NA	NA
1,2,3,4,7,8,9-HpCDF		NA	NA	NA	NA
HpCDFs (total)		NA	NA	NA	NA
OCDF		NA	NA	NA	NA
Dioxins					
2,3,7,8-TCDD		NA	NA	NA	NA
TCDDs (total)		NA	NA	NA	NA
1,2,3,7,8-PeCDD		NA	NA	NA	NA
PeCDDs (total)		NA	NA	NA	NA
1,2,3,4,7,8-HxCDD		NA	NA	NA	NA
1,2,3,6,7,8-HxCDD		NA	NA	NA	NA
1,2,3,7,8,9-HxCDD		NA	NA	NA	NA
HxCDDs (total)		NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDD		NA	NA	NA	NA
HpCDDs (total)		NA	NA	NA	NA
OCDD		NA	NA	NA	NA
Total TEQs (WHO TEFs)		NA	NA	NA	NA
Inorganics					
Antimony		NA	NA	NA	NA
Arsenic		NA	NA	NA	NA
Barium		NA	NA	NA	NA
Beryllium		NA	NA	NA	NA
Cadmium		NA	NA	NA	NA
Chromium		NA	NA	NA	NA
Cobalt		NA	NA	NA	NA
Copper		NA	NA	NA	NA
Cyanide		NA	NA	NA	NA
Lead		NA	NA	NA	NA
Mercury		NA	NA	NA	NA
Nickel		NA	NA	NA	NA
Selenium		NA	NA	NA	NA
Silver		NA	NA	NA	NA
Sulfide		NA	NA	NA	NA
Thallium		NA	NA	NA	NA
Tin		NA	NA	NA	NA
Vanadium		NA	NA	NA	NA
Zinc		NA	NA	NA	NA

ATTACHMENT B
SUPPLEMENTAL PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

SUPPLEMENTAL PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS J AND K REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA15-E2NE 1-3 05/05/04	RAA15-E2NW 1-3 05/05/04	RAA15-E2SE 1-3 05/05/04	RAA15-E2SW 1-3 05/05/04	RAA15-E5 1-3 05/05/04
Volatile Organics						
1,1,1,2-Tetrachloroethane		NA	NA	NA	NA	NA
1,1,1-Trichloroethane		NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane		NA	NA	NA	NA	NA
1,1,2-Trichloroethane		NA	NA	NA	NA	NA
1,1-Dichloroethane		NA	NA	NA	NA	NA
1,1-Dichloroethene		NA	NA	NA	NA	NA
1,2,3-Trichloropropane		NA	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane		NA	NA	NA	NA	NA
1,2-Dibromoethane		NA	NA	NA	NA	NA
1,2-Dichloroethane		NA	NA	NA	NA	NA
1,2-Dichloropropane		NA	NA	NA	NA	NA
1,4-Dioxane		NA	NA	NA	NA	NA
2-Butanone		NA	NA	NA	NA	NA
2-Chloro-1,3-butadiene		NA	NA	NA	NA	NA
2-Chloroethylvinylether		NA	NA	NA	NA	NA
2-Hexanone		NA	NA	NA	NA	NA
3-Chloropropene		NA	NA	NA	NA	NA
4-Methyl-2-pentanone		NA	NA	NA	NA	NA
Acetone		NA	NA	NA	NA	NA
Acetonitrile		NA	NA	NA	NA	NA
Acrolein		NA	NA	NA	NA	NA
Acrylonitrile		NA	NA	NA	NA	NA
Benzene		NA	NA	NA	NA	NA
Bromodichloromethane		NA	NA	NA	NA	NA
Bromoform		NA	NA	NA	NA	NA
Bromomethane		NA	NA	NA	NA	NA
Carbon Disulfide		NA	NA	NA	NA	NA
Carbon Tetrachloride		NA	NA	NA	NA	NA
Chlorobenzene		NA	NA	NA	NA	NA
Chloroethane		NA	NA	NA	NA	NA
Chloroform		NA	NA	NA	NA	NA
Chloromethane		NA	NA	NA	NA	NA
cis-1,3-Dichloropropene		NA	NA	NA	NA	NA
Dibromochloromethane		NA	NA	NA	NA	NA
Dibromomethane		NA	NA	NA	NA	NA
Dichlorodifluoromethane		NA	NA	NA	NA	NA
Ethyl Methacrylate		NA	NA	NA	NA	NA
Ethylbenzene		NA	NA	NA	NA	NA
Iodomethane		NA	NA	NA	NA	NA
Isobutanol		NA	NA	NA	NA	NA
Methacrylonitrile		NA	NA	NA	NA	NA
Methyl Methacrylate		NA	NA	NA	NA	NA
Methylene Chloride		NA	NA	NA	NA	NA
Propionitrile		NA	NA	NA	NA	NA
Styrene		NA	NA	NA	NA	NA
Tetrachloroethene		NA	NA	NA	NA	NA
Toluene		NA	NA	NA	NA	NA
trans-1,2-Dichloroethene		NA	NA	NA	NA	NA
trans-1,3-Dichloropropene		NA	NA	NA	NA	NA
trans-1,4-Dichloro-2-butene		NA	NA	NA	NA	NA
Trichloroethene		NA	NA	NA	NA	NA
Trichlorofluoromethane		NA	NA	NA	NA	NA
Vinyl Acetate		NA	NA	NA	NA	NA
Vinyl Chloride		NA	NA	NA	NA	NA
Xylenes (total)		NA	NA	NA	NA	NA

ATTACHMENT B
SUPPLEMENTAL PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

SUPPLEMENTAL PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS J AND K REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA15-E2NE 1-3 05/05/04	RAA15-E2NW 1-3 05/05/04	RAA15-E2SE 1-3 05/05/04	RAA15-E2SW 1-3 05/05/04	RAA15-E5 1-3 05/05/04
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	NA	NA	NA	NA	ND(0.38)
1,2,4-Trichlorobenzene	NA	NA	NA	NA	ND(0.38)
1,2-Dichlorobenzene	NA	NA	NA	NA	ND(0.38)
1,2-Diphenylhydrazine	NA	NA	NA	NA	ND(0.38) J
1,3,5-Trinitrobenzene	NA	NA	NA	NA	ND(0.38) J
1,3-Dichlorobenzene	NA	NA	NA	NA	ND(0.38)
1,3-Dinitrobenzene	NA	NA	NA	NA	ND(0.76) J
1,4-Dichlorobenzene	NA	NA	NA	NA	ND(0.38)
1,4-Naphthoquinone	NA	NA	NA	NA	ND(0.76)
1-Naphthylamine	NA	NA	NA	NA	ND(0.76)
2,3,4,6-Tetrachlorophenol	NA	NA	NA	NA	ND(0.38)
2,4,5-Trichlorophenol	NA	NA	NA	NA	ND(0.38)
2,4,6-Trichlorophenol	NA	NA	NA	NA	ND(0.38)
2,4-Dichlorophenol	NA	NA	NA	NA	ND(0.38)
2,4-Dimethylphenol	NA	NA	NA	NA	ND(0.38)
2,4-Dinitrophenol	NA	NA	NA	NA	ND(1.9)
2,4-Dinitrotoluene	NA	NA	NA	NA	ND(0.38)
2,6-Dichlorophenol	NA	NA	NA	NA	ND(0.38)
2,6-Dinitrotoluene	NA	NA	NA	NA	ND(0.38) J
2-Acetylaminofluorene	NA	NA	NA	NA	ND(0.76)
2-Chloronaphthalene	NA	NA	NA	NA	ND(0.38)
2-Chlorophenol	NA	NA	NA	NA	ND(0.38)
2-Methylnaphthalene	NA	NA	NA	NA	ND(0.38)
2-Methylphenol	NA	NA	NA	NA	ND(0.38)
2-Naphthylamine	NA	NA	NA	NA	ND(0.76)
2-Nitroaniline	NA	NA	NA	NA	ND(1.9) J
2-Nitrophenol	NA	NA	NA	NA	ND(0.76)
2-Picoline	NA	NA	NA	NA	ND(0.38)
3&4-Methylphenol	NA	NA	NA	NA	ND(0.76)
3,3'-Dichlorobenzidine	NA	NA	NA	NA	ND(0.76)
3,3'-Dimethylbenzidine	NA	NA	NA	NA	ND(0.38)
3-Methylcholanthrene	NA	NA	NA	NA	ND(0.76)
3-Nitroaniline	NA	NA	NA	NA	ND(1.9) J
4,6-Dinitro-2-methylphenol	NA	NA	NA	NA	ND(0.38)
4-Aminobiphenyl	NA	NA	NA	NA	ND(0.76)
4-Bromophenyl-phenylether	NA	NA	NA	NA	ND(0.38)
4-Chloro-3-Methylphenol	NA	NA	NA	NA	ND(0.38)
4-Chloroaniline	NA	NA	NA	NA	ND(0.38)
4-Chlorobenzilate	NA	NA	NA	NA	ND(0.76)
4-Chlorophenyl-phenylether	NA	NA	NA	NA	ND(0.38)
4-Nitroaniline	NA	NA	NA	NA	ND(1.9) J
4-Nitrophenol	NA	NA	NA	NA	ND(1.9) J
4-Nitroquinoline-1-oxide	NA	NA	NA	NA	ND(0.76) J
4-Phenylenediamine	NA	NA	NA	NA	ND(0.76)
5-Nitro-o-toluidine	NA	NA	NA	NA	ND(0.76)
7,12-Dimethylbenz(a)anthracene	NA	NA	NA	NA	ND(0.76)
a,a'-Dimethylphenethylamine	NA	NA	NA	NA	ND(0.76)
Acenaphthene	NA	NA	NA	NA	ND(0.38)
Acenaphthylene	NA	NA	NA	NA	0.13 J
Acetophenone	NA	NA	NA	NA	ND(0.38)
Aniline	NA	NA	NA	NA	ND(0.38)
Anthracene	NA	NA	NA	NA	0.12 J
Aramite	NA	NA	NA	NA	ND(0.76)
Benzidine	NA	NA	NA	NA	ND(0.76) J
Benzo(a)anthracene	NA	NA	NA	NA	0.29 J

ATTACHMENT B
SUPPLEMENTAL PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

SUPPLEMENTAL PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS J AND K REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA15-E2NE 1-3 05/05/04	RAA15-E2NW 1-3 05/05/04	RAA15-E2SE 1-3 05/05/04	RAA15-E2SW 1-3 05/05/04	RAA15-E5 1-3 05/05/04
Semivolatile Organics (continued)					
Benzo(a)pyrene	NA	NA	NA	NA	0.20 J
Benzo(b)fluoranthene	NA	NA	NA	NA	0.19 J
Benzo(g,h,i)perylene	NA	NA	NA	NA	0.17 J
Benzo(k)fluoranthene	NA	NA	NA	NA	0.19 J
Benzyl Alcohol	NA	NA	NA	NA	ND(0.76) J
bis(2-Chloroethoxy)methane	NA	NA	NA	NA	ND(0.38)
bis(2-Chloroethyl)ether	NA	NA	NA	NA	ND(0.38) J
bis(2-Chloroisopropyl)ether	NA	NA	NA	NA	ND(0.38)
bis(2-Ethylhexyl)phthalate	NA	NA	NA	NA	ND(0.38)
Butylbenzylphthalate	NA	NA	NA	NA	ND(0.38)
Chrysene	NA	NA	NA	NA	0.36 J
Diallate	NA	NA	NA	NA	ND(0.76)
Dibenzo(a,h)anthracene	NA	NA	NA	NA	ND(0.38)
Dibenzofuran	NA	NA	NA	NA	ND(0.38)
Diethylphthalate	NA	NA	NA	NA	ND(0.38)
Dimethylphthalate	NA	NA	NA	NA	ND(0.38)
Di-n-Butylphthalate	NA	NA	NA	NA	ND(0.38)
Di-n-Octylphthalate	NA	NA	NA	NA	ND(0.38)
Diphenylamine	NA	NA	NA	NA	ND(0.38)
Ethyl Methanesulfonate	NA	NA	NA	NA	ND(0.38)
Fluoranthene	NA	NA	NA	NA	0.67
Fluorene	NA	NA	NA	NA	ND(0.38)
Hexachlorobenzene	NA	NA	NA	NA	ND(0.38)
Hexachlorobutadiene	NA	NA	NA	NA	ND(0.38)
Hexachlorocyclopentadiene	NA	NA	NA	NA	ND(0.38)
Hexachloroethane	NA	NA	NA	NA	ND(0.38)
Hexachlorophene	NA	NA	NA	NA	ND(0.76) J
Hexachloropropene	NA	NA	NA	NA	ND(0.38)
Indeno(1,2,3-cd)pyrene	NA	NA	NA	NA	0.14 J
Isodrin	NA	NA	NA	NA	ND(0.38)
Isophorone	NA	NA	NA	NA	ND(0.38)
Isosafrole	NA	NA	NA	NA	ND(0.76)
Methapyrilene	NA	NA	NA	NA	ND(0.76)
Methyl Methanesulfonate	NA	NA	NA	NA	ND(0.38)
Naphthalene	NA	NA	NA	NA	ND(0.38)
Nitrobenzene	NA	NA	NA	NA	ND(0.38)
N-Nitrosodiethylamine	NA	NA	NA	NA	ND(0.38)
N-Nitrosodimethylamine	NA	NA	NA	NA	ND(0.38)
N-Nitroso-di-n-butylamine	NA	NA	NA	NA	ND(0.76)
N-Nitroso-di-n-propylamine	NA	NA	NA	NA	ND(0.38)
N-Nitrosodiphenylamine	NA	NA	NA	NA	ND(0.38)
N-Nitrosomethylethylamine	NA	NA	NA	NA	ND(0.76)
N-Nitrosomorpholine	NA	NA	NA	NA	ND(0.38)
N-Nitrosopiperidine	NA	NA	NA	NA	ND(0.38)
N-Nitrosopyrrolidine	NA	NA	NA	NA	ND(0.76)
o,o,o-Triethylphosphorothioate	NA	NA	NA	NA	ND(0.38)
o-Toluidine	NA	NA	NA	NA	ND(0.38)
p-Dimethylaminoazobenzene	NA	NA	NA	NA	ND(0.76)
Pentachlorobenzene	NA	NA	NA	NA	ND(0.38)
Pentachloroethane	NA	NA	NA	NA	ND(0.38)
Pentachloronitrobenzene	NA	NA	NA	NA	ND(0.76) J
Pentachlorophenol	NA	NA	NA	NA	ND(1.9)
Phenacetin	NA	NA	NA	NA	ND(0.76)
Phenanthrene	NA	NA	NA	NA	0.35 J
Phenol	NA	NA	NA	NA	ND(0.38)

ATTACHMENT B
SUPPLEMENTAL PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

SUPPLEMENTAL PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS J AND K REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA15-E2NE 1-3 05/05/04	RAA15-E2NW 1-3 05/05/04	RAA15-E2SE 1-3 05/05/04	RAA15-E2SW 1-3 05/05/04	RAA15-E5 1-3 05/05/04
Semivolatile Organics (continued)					
Pronamide	NA	NA	NA	NA	ND(0.38)
Pyrene	NA	NA	NA	NA	0.64
Pyridine	NA	NA	NA	NA	ND(0.38)
Safrole	NA	NA	NA	NA	ND(0.38)
Thionazin	NA	NA	NA	NA	ND(0.38)
Furans					
2,3,7,8-TCDF	NA	NA	NA	NA	NA
TCDFs (total)	NA	NA	NA	NA	NA
1,2,3,7,8-PeCDF	NA	NA	NA	NA	NA
2,3,4,7,8-PeCDF	NA	NA	NA	NA	NA
PeCDFs (total)	NA	NA	NA	NA	NA
1,2,3,4,7,8-HxCDF	NA	NA	NA	NA	NA
1,2,3,6,7,8-HxCDF	NA	NA	NA	NA	NA
1,2,3,7,8,9-HxCDF	NA	NA	NA	NA	NA
2,3,4,6,7,8-HxCDF	NA	NA	NA	NA	NA
HxCDFs (total)	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDF	NA	NA	NA	NA	NA
1,2,3,4,7,8,9-HpCDF	NA	NA	NA	NA	NA
HpCDFs (total)	NA	NA	NA	NA	NA
OCDF	NA	NA	NA	NA	NA
Dioxins					
2,3,7,8-TCDD	NA	NA	NA	NA	NA
TCDDs (total)	NA	NA	NA	NA	NA
1,2,3,7,8-PeCDD	NA	NA	NA	NA	NA
PeCDDs (total)	NA	NA	NA	NA	NA
1,2,3,4,7,8-HxCDD	NA	NA	NA	NA	NA
1,2,3,6,7,8-HxCDD	NA	NA	NA	NA	NA
1,2,3,7,8,9-HxCDD	NA	NA	NA	NA	NA
HxCDDs (total)	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDD	NA	NA	NA	NA	NA
HpCDDs (total)	NA	NA	NA	NA	NA
OCDD	NA	NA	NA	NA	NA
Total TEQs (WHO TEFs)	NA	NA	NA	NA	NA
Inorganics					
Antimony	610	400	820	130	NA
Arsenic	NA	NA	NA	NA	NA
Barium	NA	NA	NA	NA	NA
Beryllium	NA	NA	NA	NA	NA
Cadmium	NA	NA	NA	NA	NA
Chromium	NA	NA	NA	NA	NA
Cobalt	NA	NA	NA	NA	NA
Copper	NA	NA	NA	NA	NA
Cyanide	NA	NA	NA	NA	NA
Lead	850	6500	11000	5900	NA
Mercury	NA	NA	NA	NA	NA
Nickel	NA	NA	NA	NA	NA
Selenium	NA	NA	NA	NA	NA
Silver	NA	NA	NA	NA	NA
Sulfide	NA	NA	NA	NA	NA
Thallium	NA	NA	NA	NA	NA
Tin	NA	NA	NA	NA	NA
Vanadium	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA

ATTACHMENT B
SUPPLEMENTAL PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

SUPPLEMENTAL PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS J AND K REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA15-E5NE 0-1 05/05/04	RAA15-E5NW 0-1 05/05/04	RAA15-E5SE 0-1 05/05/04	RAA15-E5SW 0-1 05/05/04	RAA15-E7(B) 1-3 05/04/04
Volatile Organics						
1,1,1,2-Tetrachloroethane		NA	NA	NA	NA	NA
1,1,1-Trichloroethane		NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane		NA	NA	NA	NA	NA
1,1,2-Trichloroethane		NA	NA	NA	NA	NA
1,1-Dichloroethane		NA	NA	NA	NA	NA
1,1-Dichloroethene		NA	NA	NA	NA	NA
1,2,3-Trichloropropane		NA	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane		NA	NA	NA	NA	NA
1,2-Dibromoethane		NA	NA	NA	NA	NA
1,2-Dichloroethane		NA	NA	NA	NA	NA
1,2-Dichloropropane		NA	NA	NA	NA	NA
1,4-Dioxane		NA	NA	NA	NA	NA
2-Butanone		NA	NA	NA	NA	NA
2-Chloro-1,3-butadiene		NA	NA	NA	NA	NA
2-Chloroethylvinylether		NA	NA	NA	NA	NA
2-Hexanone		NA	NA	NA	NA	NA
3-Chloropropene		NA	NA	NA	NA	NA
4-Methyl-2-pentanone		NA	NA	NA	NA	NA
Acetone		NA	NA	NA	NA	NA
Acetonitrile		NA	NA	NA	NA	NA
Acrolein		NA	NA	NA	NA	NA
Acrylonitrile		NA	NA	NA	NA	NA
Benzene		NA	NA	NA	NA	NA
Bromodichloromethane		NA	NA	NA	NA	NA
Bromoform		NA	NA	NA	NA	NA
Bromomethane		NA	NA	NA	NA	NA
Carbon Disulfide		NA	NA	NA	NA	NA
Carbon Tetrachloride		NA	NA	NA	NA	NA
Chlorobenzene		NA	NA	NA	NA	NA
Chloroethane		NA	NA	NA	NA	NA
Chloroform		NA	NA	NA	NA	NA
Chloromethane		NA	NA	NA	NA	NA
cis-1,3-Dichloropropene		NA	NA	NA	NA	NA
Dibromochloromethane		NA	NA	NA	NA	NA
Dibromomethane		NA	NA	NA	NA	NA
Dichlorodifluoromethane		NA	NA	NA	NA	NA
Ethyl Methacrylate		NA	NA	NA	NA	NA
Ethylbenzene		NA	NA	NA	NA	NA
Iodomethane		NA	NA	NA	NA	NA
Isobutanol		NA	NA	NA	NA	NA
Methacrylonitrile		NA	NA	NA	NA	NA
Methyl Methacrylate		NA	NA	NA	NA	NA
Methylene Chloride		NA	NA	NA	NA	NA
Propionitrile		NA	NA	NA	NA	NA
Styrene		NA	NA	NA	NA	NA
Tetrachloroethene		NA	NA	NA	NA	NA
Toluene		NA	NA	NA	NA	NA
trans-1,2-Dichloroethene		NA	NA	NA	NA	NA
trans-1,3-Dichloropropene		NA	NA	NA	NA	NA
trans-1,4-Dichloro-2-butene		NA	NA	NA	NA	NA
Trichloroethene		NA	NA	NA	NA	NA
Trichlorofluoromethane		NA	NA	NA	NA	NA
Vinyl Acetate		NA	NA	NA	NA	NA
Vinyl Chloride		NA	NA	NA	NA	NA
Xylenes (total)		NA	NA	NA	NA	NA

ATTACHMENT B
SUPPLEMENTAL PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

SUPPLEMENTAL PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS J AND K REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA15-E5NE 0-1 05/05/04	RAA15-E5NW 0-1 05/05/04	RAA15-E5SE 0-1 05/05/04	RAA15-E5SW 0-1 05/05/04	RAA15-E7(B) 1-3 05/04/04
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene		ND(0.38)	ND(0.39)	ND(0.39)	ND(0.36)	ND(0.39)
1,2,4-Trichlorobenzene		ND(0.38)	ND(0.39)	ND(0.39)	ND(0.36)	ND(0.39)
1,2-Dichlorobenzene		ND(0.38)	ND(0.39)	ND(0.39)	ND(0.36)	ND(0.39)
1,2-Diphenylhydrazine		ND(0.38) J	ND(0.39) J	ND(0.39) J	ND(0.36) J	ND(0.39) J
1,3,5-Trinitrobenzene		ND(0.38) J	ND(0.39) J	ND(0.39) J	ND(0.36) J	ND(0.39)
1,3-Dichlorobenzene		ND(0.38)	ND(0.39)	ND(0.39)	ND(0.36)	ND(0.39)
1,3-Dinitrobenzene		ND(0.77) J	ND(0.78) J	ND(0.79) J	ND(0.72) J	ND(0.78) J
1,4-Dichlorobenzene		ND(0.38)	ND(0.39)	ND(0.39)	ND(0.36)	ND(0.39)
1,4-Naphthoquinone		ND(0.77)	ND(0.78)	ND(0.79)	ND(0.72)	ND(0.78) J
1-Naphthylamine		ND(0.77)	ND(0.78)	ND(0.79)	ND(0.72)	ND(0.78)
2,3,4,6-Tetrachlorophenol		ND(0.38)	ND(0.39)	ND(0.39)	ND(0.36)	ND(0.39)
2,4,5-Trichlorophenol		ND(0.38)	ND(0.39)	ND(0.39)	ND(0.36)	ND(0.39)
2,4,6-Trichlorophenol		ND(0.38)	ND(0.39)	ND(0.39)	ND(0.36)	ND(0.39)
2,4-Dichlorophenol		ND(0.38)	ND(0.39)	ND(0.39)	ND(0.36)	ND(0.39)
2,4-Dimethylphenol		ND(0.38)	ND(0.39)	ND(0.39)	ND(0.36)	ND(0.39)
2,4-Dinitrophenol		ND(2.0)	ND(2.0)	ND(2.0)	ND(1.8)	ND(2.0)
2,4-Dinitrotoluene		ND(0.38)	ND(0.39)	ND(0.39)	ND(0.36)	ND(0.39)
2,6-Dichlorophenol		ND(0.38)	ND(0.39)	ND(0.39)	ND(0.36)	ND(0.39)
2,6-Dinitrotoluene		ND(0.38) J	ND(0.39) J	ND(0.39) J	ND(0.36) J	ND(0.39)
2-Acetylaminofluorene		ND(0.77)	ND(0.78)	ND(0.79)	ND(0.72)	ND(0.78)
2-Chloronaphthalene		ND(0.38)	ND(0.39)	ND(0.39)	ND(0.36)	ND(0.39)
2-Chlorophenol		ND(0.38)	ND(0.39)	ND(0.39)	ND(0.36)	ND(0.39)
2-Methylnaphthalene		0.082 J	0.11 J	0.29 J	ND(0.36)	2.1
2-Methylphenol		ND(0.38)	ND(0.39)	ND(0.39)	ND(0.36)	ND(0.39)
2-Naphthylamine		ND(0.77)	ND(0.78)	ND(0.79)	ND(0.72)	ND(0.78)
2-Nitroaniline		ND(2.0) J	ND(2.0) J	ND(2.0) J	ND(1.8) J	ND(2.0) J
2-Nitrophenol		ND(0.77)	ND(0.78)	ND(0.79)	ND(0.72)	ND(0.78)
2-Picoline		ND(0.38)	ND(0.39)	ND(0.39)	ND(0.36)	ND(0.39)
3&4-Methylphenol		ND(0.77)	ND(0.78)	ND(0.79)	ND(0.72)	ND(0.78)
3,3'-Dichlorobenzidine		ND(0.77)	ND(0.78)	ND(0.79)	ND(0.72)	ND(0.78)
3,3'-Dimethylbenzidine		ND(0.38)	ND(0.39)	ND(0.39)	ND(0.36)	ND(0.39)
3-Methylcholanthrene		ND(0.77)	ND(0.78)	ND(0.79)	ND(0.72)	ND(0.78)
3-Nitroaniline		ND(2.0) J	ND(2.0) J	ND(2.0) J	ND(1.8) J	ND(2.0)
4,6-Dinitro-2-methylphenol		ND(0.38)	ND(0.39)	ND(0.39)	ND(0.36)	ND(0.39)
4-Aminobiphenyl		ND(0.77)	ND(0.78)	ND(0.79)	ND(0.72)	ND(0.78)
4-Bromophenyl-phenylether		ND(0.38)	ND(0.39)	ND(0.39)	ND(0.36)	ND(0.39)
4-Chloro-3-Methylphenol		ND(0.38)	ND(0.39)	ND(0.39)	ND(0.36)	ND(0.39)
4-Chloroaniline		ND(0.38)	ND(0.39)	ND(0.39)	ND(0.36)	ND(0.39)
4-Chlorobenzilate		ND(0.77)	ND(0.78)	ND(0.79)	ND(0.72)	ND(0.78)
4-Chlorophenyl-phenylether		ND(0.38)	ND(0.39)	ND(0.39)	ND(0.36)	ND(0.39)
4-Nitroaniline		ND(2.0) J	ND(2.0) J	ND(2.0) J	ND(1.8) J	ND(2.0) J
4-Nitrophenol		ND(2.0) J	ND(2.0) J	ND(2.0) J	ND(1.8) J	ND(2.0) J
4-Nitroquinoline-1-oxide		ND(0.77) J	ND(0.78) J	ND(0.79) J	ND(0.72) J	ND(0.78) J
4-Phenylenediamine		ND(0.77)	ND(0.78)	ND(0.79)	ND(0.72)	ND(0.78)
5-Nitro-o-toluidine		ND(0.77)	ND(0.78)	ND(0.79)	ND(0.72)	ND(0.78)
7,12-Dimethylbenz(a)anthracene		ND(0.77)	ND(0.78)	ND(0.79)	ND(0.72)	ND(0.78)
a,a'-Dimethylphenethylamine		ND(0.77)	ND(0.78)	ND(0.79)	ND(0.72)	ND(0.78) J
Acenaphthene		0.093 J	0.62	1.9	0.088 J	16
Acenaphthylene		0.21 J	ND(0.39)	0.096 J	0.083 J	0.56
Acetophenone		ND(0.38)	ND(0.39)	ND(0.39)	ND(0.36)	ND(0.39)
Aniline		ND(0.38)	ND(0.39)	ND(0.39)	ND(0.36)	ND(0.39)
Anthracene		0.25 J	1.3	2.4	0.14 J	33
Aramite		ND(0.77)	ND(0.78)	ND(0.79)	ND(0.72)	ND(0.78)
Benzidine		ND(0.77) J	ND(0.78) J	ND(0.79) J	ND(0.72) J	ND(0.78) J
Benzo(a)anthracene		0.58	3.2	4.2	0.40	54

ATTACHMENT B
SUPPLEMENTAL PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

SUPPLEMENTAL PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS J AND K REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA15-E5NE 0-1 05/05/04	RAA15-E5NW 0-1 05/05/04	RAA15-E5SE 0-1 05/05/04	RAA15-E5SW 0-1 05/05/04	RAA15-E7(B) 1-3 05/04/04
Semivolatile Organics (continued)					
Benzo(a)pyrene	0.39	1.7	2.2	0.25 J	32
Benzo(b)fluoranthene	0.33 J	1.6	2.0	0.24 J	25
Benzo(g,h,i)perylene	0.30 J	1.0	1.2	0.18 J	19
Benzo(k)fluoranthene	0.36 J	1.6	2.1	0.25 J	32
Benzyl Alcohol	ND(0.77) J	ND(0.78) J	ND(0.79) J	ND(0.72) J	ND(0.78) J
bis(2-Chloroethoxy)methane	ND(0.38)	ND(0.39)	ND(0.39)	ND(0.36)	ND(0.39)
bis(2-Chloroethyl)ether	ND(0.38) J	ND(0.39) J	ND(0.39) J	ND(0.36) J	ND(0.39)
bis(2-Chloroisopropyl)ether	ND(0.38)	ND(0.39)	ND(0.39)	ND(0.36)	ND(0.39)
bis(2-Ethylhexyl)phthalate	ND(0.38)	ND(0.38)	ND(0.39)	ND(0.35)	ND(0.38)
Butylbenzylphthalate	ND(0.38)	ND(0.39)	ND(0.39)	ND(0.36)	ND(0.39)
Chrysene	0.64	3.3	4.2	0.44	54
Diallate	ND(0.77)	ND(0.78)	ND(0.79)	ND(0.72)	ND(0.78)
Dibenzo(a,h)anthracene	0.11 J	0.23 J	0.46	ND(0.36)	6.6
Dibenzofuran	ND(0.38)	0.22 J	0.83	ND(0.36)	7.1
Diethylphthalate	ND(0.38)	ND(0.39)	ND(0.39)	ND(0.36)	ND(0.39)
Dimethylphthalate	ND(0.38)	ND(0.39)	ND(0.39)	ND(0.36)	ND(0.39)
Di-n-Butylphthalate	ND(0.38)	ND(0.39)	ND(0.39)	ND(0.36)	ND(0.39)
Di-n-Octylphthalate	ND(0.38)	ND(0.39)	ND(0.39)	ND(0.36)	ND(0.39)
Diphenylamine	ND(0.38)	ND(0.39)	ND(0.39)	ND(0.36)	ND(0.39)
Ethyl Methanesulfonate	ND(0.38)	ND(0.39)	ND(0.39)	ND(0.36)	ND(0.39)
Fluoranthene	1.2	9.5 E	15	0.99	160
Fluorene	ND(0.38)	0.45	1.3	ND(0.36)	14
Hexachlorobenzene	ND(0.38)	ND(0.39)	ND(0.39)	ND(0.36)	ND(0.39)
Hexachlorobutadiene	ND(0.38)	ND(0.39)	ND(0.39)	ND(0.36)	ND(0.39)
Hexachlorocyclopentadiene	ND(0.38)	ND(0.39)	ND(0.39)	ND(0.36)	ND(0.39)
Hexachloroethane	ND(0.38)	ND(0.39)	ND(0.39)	ND(0.36)	ND(0.39)
Hexachlorophene	ND(0.77) J	ND(0.78) J	ND(0.79) J	ND(0.72) J	ND(0.78)
Hexachloropropene	ND(0.38)	ND(0.39)	ND(0.39)	ND(0.36)	ND(0.39) J
Indeno(1,2,3-cd)pyrene	0.24 J	0.91	1.1	0.16 J	17
Isodrin	ND(0.38)	ND(0.39)	ND(0.39)	ND(0.36)	ND(0.39)
Isophorone	ND(0.38)	ND(0.39)	ND(0.39)	ND(0.36)	ND(0.39)
Isosafrole	ND(0.77)	ND(0.78)	ND(0.79)	ND(0.72)	ND(0.78)
Methapyrilene	ND(0.77)	ND(0.78)	ND(0.79)	ND(0.72)	ND(0.78) J
Methyl Methanesulfonate	ND(0.38)	ND(0.39)	ND(0.39)	ND(0.36)	ND(0.39) J
Naphthalene	0.16 J	0.24 J	1.0	ND(0.36)	5.5
Nitrobenzene	ND(0.38)	ND(0.39)	ND(0.39)	ND(0.36)	ND(0.39)
N-Nitrosodiethylamine	ND(0.38)	ND(0.39)	ND(0.39)	ND(0.36)	ND(0.39) J
N-Nitrosodimethylamine	ND(0.38)	ND(0.39)	ND(0.39)	ND(0.36)	ND(0.39)
N-Nitroso-di-n-butylamine	ND(0.77)	ND(0.78)	ND(0.79)	ND(0.72)	ND(0.78)
N-Nitroso-di-n-propylamine	ND(0.38)	ND(0.39)	ND(0.39)	ND(0.36)	ND(0.39)
N-Nitrosodiphenylamine	ND(0.38)	ND(0.39)	ND(0.39)	ND(0.36)	ND(0.39)
N-Nitrosomethylethylamine	ND(0.77)	ND(0.78)	ND(0.79)	ND(0.72)	ND(0.78)
N-Nitrosomorpholine	ND(0.38)	ND(0.39)	ND(0.39)	ND(0.36)	ND(0.39)
N-Nitrosopiperidine	ND(0.38)	ND(0.39)	ND(0.39)	ND(0.36)	ND(0.39)
N-Nitrosopyrrolidine	ND(0.77)	ND(0.78)	ND(0.79)	ND(0.72)	ND(0.78)
o,o,o-Triethylphosphorothioate	ND(0.38)	ND(0.39)	ND(0.39)	ND(0.36)	ND(0.39)
o-Toluidine	ND(0.38)	ND(0.39)	ND(0.39)	ND(0.36)	ND(0.39)
p-Dimethylaminoazobenzene	ND(0.77)	ND(0.78)	ND(0.79)	ND(0.72)	ND(0.78)
Pentachlorobenzene	ND(0.38)	ND(0.39)	ND(0.39)	ND(0.36)	ND(0.39)
Pentachloroethane	ND(0.38)	ND(0.39)	ND(0.39)	ND(0.36)	ND(0.39) J
Pentachloronitrobenzene	ND(0.77) J	ND(0.78) J	ND(0.79) J	ND(0.72) J	ND(0.78) J
Pentachlorophenol	ND(2.0)	ND(2.0)	ND(2.0)	ND(1.8)	ND(2.0)
Phenacetin	ND(0.77)	ND(0.78)	ND(0.79)	ND(0.72)	ND(0.78) J
Phenanthrene	0.70	5.6	14	0.66	130
Phenol	ND(0.38)	ND(0.39)	ND(0.39)	ND(0.36)	ND(0.39)

ATTACHMENT B
SUPPLEMENTAL PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

SUPPLEMENTAL PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS J AND K REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA15-E5NE 0-1 05/05/04	RAA15-E5NW 0-1 05/05/04	RAA15-E5SE 0-1 05/05/04	RAA15-E5SW 0-1 05/05/04	RAA15-E7(B) 1-3 05/04/04
Semivolatile Organics (continued)					
Pronamide	ND(0.38)	ND(0.39)	ND(0.39)	ND(0.36)	ND(0.39)
Pyrene	1.2	7.3	12	0.82	130
Pyridine	ND(0.38)	ND(0.39)	ND(0.39)	ND(0.36)	ND(0.39)
Safrole	ND(0.38)	ND(0.39)	ND(0.39)	ND(0.36)	ND(0.39)
Thionazin	ND(0.38)	ND(0.39)	ND(0.39)	ND(0.36)	ND(0.39)
Furans					
2,3,7,8-TCDF	NA	NA	NA	NA	NA
TCDFs (total)	NA	NA	NA	NA	NA
1,2,3,7,8-PeCDF	NA	NA	NA	NA	NA
2,3,4,7,8-PeCDF	NA	NA	NA	NA	NA
PeCDFs (total)	NA	NA	NA	NA	NA
1,2,3,4,7,8-HxCDF	NA	NA	NA	NA	NA
1,2,3,6,7,8-HxCDF	NA	NA	NA	NA	NA
1,2,3,7,8,9-HxCDF	NA	NA	NA	NA	NA
2,3,4,6,7,8-HxCDF	NA	NA	NA	NA	NA
HxCDFs (total)	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDF	NA	NA	NA	NA	NA
1,2,3,4,7,8,9-HpCDF	NA	NA	NA	NA	NA
HpCDFs (total)	NA	NA	NA	NA	NA
OCDF	NA	NA	NA	NA	NA
Dioxins					
2,3,7,8-TCDD	NA	NA	NA	NA	NA
TCDDs (total)	NA	NA	NA	NA	NA
1,2,3,7,8-PeCDD	NA	NA	NA	NA	NA
PeCDDs (total)	NA	NA	NA	NA	NA
1,2,3,4,7,8-HxCDD	NA	NA	NA	NA	NA
1,2,3,6,7,8-HxCDD	NA	NA	NA	NA	NA
1,2,3,7,8,9-HxCDD	NA	NA	NA	NA	NA
HxCDDs (total)	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDD	NA	NA	NA	NA	NA
HpCDDs (total)	NA	NA	NA	NA	NA
OCDD	NA	NA	NA	NA	NA
Total TEQs (WHO TEFs)	NA	NA	NA	NA	NA
Inorganics					
Antimony	NA	NA	NA	NA	NA
Arsenic	NA	NA	NA	NA	NA
Barium	NA	NA	NA	NA	NA
Beryllium	NA	NA	NA	NA	NA
Cadmium	NA	NA	NA	NA	NA
Chromium	NA	NA	NA	NA	NA
Cobalt	NA	NA	NA	NA	NA
Copper	NA	NA	NA	NA	NA
Cyanide	NA	NA	NA	NA	NA
Lead	NA	NA	NA	NA	NA
Mercury	NA	NA	NA	NA	NA
Nickel	NA	NA	NA	NA	NA
Selenium	NA	NA	NA	NA	NA
Silver	NA	NA	NA	NA	NA
Sulfide	NA	NA	NA	NA	NA
Thallium	NA	NA	NA	NA	NA
Tin	NA	NA	NA	NA	NA
Vanadium	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA

ATTACHMENT B
SUPPLEMENTAL PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

SUPPLEMENTAL PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS J AND K REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Sample ID: / Sample Depth(Feet): / Date Collected:	RAA15-E7NE 0-1 05/04/04	RAA15-E7NW 0-1 05/04/04	RAA15-E7SE 0-1 05/04/04	RAA15-E7SW 0-1 05/04/04	RAA15-E8SE 1-3 05/04/04
Volatile Organics					
1,1,1,2-Tetrachloroethane	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	NA	NA	NA	NA	NA
1,1-Dichloroethane	NA	NA	NA	NA	NA
1,1-Dichloroethene	NA	NA	NA	NA	NA
1,2,3-Trichloropropane	NA	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	NA	NA	NA	NA	NA
1,2-Dibromoethane	NA	NA	NA	NA	NA
1,2-Dichloroethane	NA	NA	NA	NA	NA
1,2-Dichloropropane	NA	NA	NA	NA	NA
1,4-Dioxane	NA	NA	NA	NA	NA
2-Butanone	NA	NA	NA	NA	NA
2-Chloro-1,3-butadiene	NA	NA	NA	NA	NA
2-Chloroethylvinylether	NA	NA	NA	NA	NA
2-Hexanone	NA	NA	NA	NA	NA
3-Chloropropene	NA	NA	NA	NA	NA
4-Methyl-2-pentanone	NA	NA	NA	NA	NA
Acetone	NA	NA	NA	NA	NA
Acetonitrile	NA	NA	NA	NA	NA
Acrolein	NA	NA	NA	NA	NA
Acrylonitrile	NA	NA	NA	NA	NA
Benzene	NA	NA	NA	NA	NA
Bromodichloromethane	NA	NA	NA	NA	NA
Bromoform	NA	NA	NA	NA	NA
Bromomethane	NA	NA	NA	NA	NA
Carbon Disulfide	NA	NA	NA	NA	NA
Carbon Tetrachloride	NA	NA	NA	NA	NA
Chlorobenzene	NA	NA	NA	NA	NA
Chloroethane	NA	NA	NA	NA	NA
Chloroform	NA	NA	NA	NA	NA
Chloromethane	NA	NA	NA	NA	NA
cis-1,3-Dichloropropene	NA	NA	NA	NA	NA
Dibromochloromethane	NA	NA	NA	NA	NA
Dibromomethane	NA	NA	NA	NA	NA
Dichlorodifluoromethane	NA	NA	NA	NA	NA
Ethyl Methacrylate	NA	NA	NA	NA	NA
Ethylbenzene	NA	NA	NA	NA	NA
Iodomethane	NA	NA	NA	NA	NA
Isobutanol	NA	NA	NA	NA	NA
Methacrylonitrile	NA	NA	NA	NA	NA
Methyl Methacrylate	NA	NA	NA	NA	NA
Methylene Chloride	NA	NA	NA	NA	NA
Propionitrile	NA	NA	NA	NA	NA
Styrene	NA	NA	NA	NA	NA
Tetrachloroethene	NA	NA	NA	NA	NA
Toluene	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	NA	NA	NA	NA	NA
trans-1,3-Dichloropropene	NA	NA	NA	NA	NA
trans-1,4-Dichloro-2-butene	NA	NA	NA	NA	NA
Trichloroethene	NA	NA	NA	NA	NA
Trichlorofluoromethane	NA	NA	NA	NA	NA
Vinyl Acetate	NA	NA	NA	NA	NA
Vinyl Chloride	NA	NA	NA	NA	NA
Xylenes (total)	NA	NA	NA	NA	NA

ATTACHMENT B
SUPPLEMENTAL PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

SUPPLEMENTAL PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS J AND K REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA15-E7NE 0-1 05/04/04	RAA15-E7NW 0-1 05/04/04	RAA15-E7SE 0-1 05/04/04	RAA15-E7SW 0-1 05/04/04	RAA15-E8SE 1-3 05/04/04
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	ND(0.60)	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.38)
1,2,4-Trichlorobenzene	ND(0.60)	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.38)
1,2-Dichlorobenzene	ND(0.60)	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.38)
1,2-Diphenylhydrazine	ND(0.60) J	ND(0.48) J	ND(0.39) J	ND(0.57) J	ND(0.38) J
1,3,5-Trinitrobenzene	ND(0.60)	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.38)
1,3-Dichlorobenzene	ND(0.60)	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.38)
1,3-Dinitrobenzene	ND(0.81) J	ND(0.96) J	ND(0.78) J	ND(0.88) J	ND(0.76) J
1,4-Dichlorobenzene	ND(0.60)	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.38)
1,4-Naphthoquinone	ND(0.81) J	ND(0.96) J	ND(0.78) J	ND(0.88) J	ND(0.76) J
1-Naphthylamine	ND(0.81)	ND(0.96)	ND(0.78)	ND(0.88)	ND(0.76)
2,3,4,6-Tetrachlorophenol	R	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.38)
2,4,5-Trichlorophenol	R	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.38)
2,4,6-Trichlorophenol	R	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.38)
2,4-Dichlorophenol	R	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.38)
2,4-Dimethylphenol	R	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.38)
2,4-Dinitrophenol	R	ND(2.4)	ND(2.0)	ND(2.8)	ND(1.9)
2,4-Dinitrotoluene	ND(0.60)	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.38)
2,6-Dichlorophenol	R	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.38)
2,6-Dinitrotoluene	ND(0.60)	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.38)
2-Acetylaminofluorene	ND(0.81)	ND(0.96)	ND(0.78)	ND(0.88)	ND(0.76)
2-Chloronaphthalene	ND(0.60)	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.38)
2-Chlorophenol	R	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.38)
2-Methylnaphthalene	ND(0.60)	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.38)
2-Methylphenol	R	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.38)
2-Naphthylamine	ND(0.81)	ND(0.96)	ND(0.78)	ND(0.88)	ND(0.76)
2-Nitroaniline	ND(3.0) J	ND(2.4) J	ND(2.0) J	ND(2.8) J	ND(1.9) J
2-Nitrophenol	R	ND(0.96)	ND(0.78)	ND(0.88)	ND(0.76)
2-Picoline	ND(0.60)	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.38)
3&4-Methylphenol	R	ND(0.96)	ND(0.78)	ND(0.88)	ND(0.76)
3,3'-Dichlorobenzidine	ND(1.2)	ND(0.96)	ND(0.78)	ND(1.1)	ND(0.76)
3,3'-Dimethylbenzidine	ND(0.60)	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.38)
3-Methylcholanthrene	ND(0.81)	ND(0.96)	ND(0.78)	ND(0.88)	ND(0.76)
3-Nitroaniline	ND(3.0)	ND(2.4)	ND(2.0)	ND(2.8)	ND(1.9)
4,6-Dinitro-2-methylphenol	R	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.38)
4-Aminobiphenyl	ND(0.81)	ND(0.96)	ND(0.78)	ND(0.88)	ND(0.76)
4-Bromophenyl-phenylether	ND(0.60)	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.38)
4-Chloro-3-Methylphenol	R	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.38)
4-Chloroaniline	ND(0.60)	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.38)
4-Chlorobenzilate	ND(0.81)	ND(0.96)	ND(0.78)	ND(0.88)	ND(0.76)
4-Chlorophenyl-phenylether	ND(0.60)	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.38)
4-Nitroaniline	ND(2.0) J	ND(2.4) J	ND(2.0) J	ND(2.2) J	ND(1.9) J
4-Nitrophenol	R	ND(2.4) J	ND(2.0) J	ND(2.8) J	ND(1.9) J
4-Nitroquinoline-1-oxide	ND(0.81) J	ND(0.96) J	ND(0.78) J	ND(0.88) J	ND(0.76) J
4-Phenylenediamine	ND(0.81)	ND(0.96)	ND(0.78)	ND(0.88)	ND(0.76)
5-Nitro-o-toluidine	ND(0.81)	ND(0.96)	ND(0.78)	ND(0.88)	ND(0.76)
7,12-Dimethylbenz(a)anthracene	ND(0.81)	ND(0.96)	ND(0.78)	ND(0.88)	ND(0.76)
a,a'-Dimethylphenethylamine	ND(0.81) J	ND(0.96) J	ND(0.78) J	ND(0.88) J	ND(0.76) J
Acenaphthene	0.43 J	0.21 J	4.0	0.31 J	0.11 J
Acenaphthylene	ND(0.60)	1.2	0.48	0.24 J	0.083 J
Acetophenone	ND(0.60)	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.38)
Aniline	ND(0.60)	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.38)
Anthracene	0.74	1.6	9.8	1.0	0.55
Aramite	ND(0.81)	ND(0.96)	ND(0.78)	ND(0.88)	ND(0.76)
Benzidine	ND(1.2) J	ND(0.96) J	ND(0.78) J	ND(1.1) J	ND(0.76) J
Benzo(a)anthracene	0.79	5.2	20	2.2	2.2

ATTACHMENT B
SUPPLEMENTAL PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

SUPPLEMENTAL PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS J AND K REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA15-E7NE 0-1 05/04/04	RAA15-E7NW 0-1 05/04/04	RAA15-E7SE 0-1 05/04/04	RAA15-E7SW 0-1 05/04/04	RAA15-E8SE 1-3 05/04/04
Semivolatile Organics (continued)					
Benzo(a)pyrene	0.30 J	3.6	9.7	1.2	1.3
Benzo(b)fluoranthene	0.29 J	2.8	9.2	1.2	1.1
Benzo(g,h,i)perylene	0.14 J	2.3	4.8	0.67	0.70
Benzo(k)fluoranthene	0.34 J	4.0	11	1.3	1.4
Benzyl Alcohol	R	ND(0.96) J	ND(0.78) J	ND(1.1) J	ND(0.76) J
bis(2-Chloroethoxy)methane	ND(0.60)	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.38)
bis(2-Chloroethyl)ether	ND(0.60)	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.38)
bis(2-Chloroisopropyl)ether	ND(0.60)	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.38)
bis(2-Ethylhexyl)phthalate	ND(0.40)	0.28 J	ND(0.39)	ND(0.43)	ND(0.37)
Butylbenzylphthalate	ND(0.60)	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.38)
Chrysene	0.83	6.0	20	2.2	2.1
Diallate	ND(0.81)	ND(0.96)	ND(0.78)	ND(0.88)	ND(0.76)
Dibenzo(a,h)anthracene	ND(0.60)	0.73	1.9	0.27 J	0.26 J
Dibenzofuran	0.28 J	0.10 J	2.5	0.19 J	ND(0.38)
Diethylphthalate	ND(0.60)	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.38)
Dimethylphthalate	ND(0.60)	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.38)
Di-n-Butylphthalate	ND(0.60)	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.38)
Di-n-Octylphthalate	ND(0.60)	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.38)
Diphenylamine	ND(0.60)	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.38)
Ethyl Methanesulfonate	ND(0.60)	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.38)
Fluoranthene	3.3	13	57	5.7	4.2
Fluorene	0.42 J	0.44 J	4.8	0.43 J	0.14 J
Hexachlorobenzene	ND(0.60)	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.38)
Hexachlorobutadiene	ND(0.60)	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.38)
Hexachlorocyclopentadiene	ND(0.60)	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.38)
Hexachloroethane	ND(0.60)	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.38)
Hexachlorophene	ND(1.2)	ND(0.96)	ND(0.78)	ND(1.1)	ND(0.76)
Hexachloropropene	ND(0.60) J	ND(0.48) J	ND(0.39) J	ND(0.57) J	ND(0.38) J
Indeno(1,2,3-cd)pyrene	0.13 J	2.0	4.6	0.57	0.63
Isodrin	ND(0.60)	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.38)
Isophorone	ND(0.60)	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.38)
Isosafrole	ND(0.81)	ND(0.96)	ND(0.78)	ND(0.88)	ND(0.76)
Methapyrilene	ND(0.81) J	ND(0.96) J	ND(0.78) J	ND(0.88) J	ND(0.76) J
Methyl Methanesulfonate	ND(0.60) J	ND(0.48) J	ND(0.39) J	ND(0.57) J	ND(0.38) J
Naphthalene	0.46 J	ND(0.48)	2.5	0.19 J	ND(0.38)
Nitrobenzene	ND(0.60)	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.38)
N-Nitrosodiethylamine	ND(0.60) J	ND(0.48) J	ND(0.39) J	ND(0.57) J	ND(0.38) J
N-Nitrosodimethylamine	ND(0.60)	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.38)
N-Nitroso-di-n-butylamine	ND(0.81)	ND(0.96)	ND(0.78)	ND(0.88)	ND(0.76)
N-Nitroso-di-n-propylamine	ND(0.60)	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.38)
N-Nitrosodiphenylamine	ND(0.60)	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.38)
N-Nitrosomethylethylamine	ND(0.81)	ND(0.96)	ND(0.78)	ND(0.88)	ND(0.76)
N-Nitrosomorpholine	ND(0.60)	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.38)
N-Nitrosopiperidine	ND(0.60)	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.38)
N-Nitrosopyrrolidine	ND(0.81)	ND(0.96)	ND(0.78)	ND(0.88)	ND(0.76)
o,o,o-Triethylphosphorothioate	ND(0.60)	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.38)
o-Toluidine	ND(0.60)	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.38)
p-Dimethylaminoazobenzene	ND(0.81)	ND(0.96)	ND(0.78)	ND(0.88)	ND(0.76)
Pentachlorobenzene	ND(0.60)	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.38)
Pentachloroethane	ND(0.60) J	ND(0.48) J	ND(0.39) J	ND(0.57) J	ND(0.38) J
Pentachloronitrobenzene	ND(0.81) J	ND(0.96) J	ND(0.78) J	ND(0.88) J	ND(0.76) J
Pentachlorophenol	R	ND(2.4)	ND(2.0)	ND(2.8)	ND(1.9)
Phenacetin	ND(0.81) J	ND(0.96) J	ND(0.78) J	ND(0.88) J	ND(0.76) J
Phenanthrene	3.3	6.3	37	3.2	1.9
Phenol	R	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.38)

ATTACHMENT B
SUPPLEMENTAL PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

SUPPLEMENTAL PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS J AND K REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA15-E7NE 0-1 05/04/04	RAA15-E7NW 0-1 05/04/04	RAA15-E7SE 0-1 05/04/04	RAA15-E7SW 0-1 05/04/04	RAA15-E8SE 1-3 05/04/04
Semivolatile Organics (continued)					
Pronamide	ND(0.60)	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.38)
Pyrene	2.4	12	43	4.5	3.5
Pyridine	ND(0.60)	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.38)
Safrole	ND(0.60)	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.38)
Thionazin	ND(0.60)	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.38)
Furans					
2,3,7,8-TCDF	NA	NA	NA	NA	NA
TCDFs (total)	NA	NA	NA	NA	NA
1,2,3,7,8-PeCDF	NA	NA	NA	NA	NA
2,3,4,7,8-PeCDF	NA	NA	NA	NA	NA
PeCDFs (total)	NA	NA	NA	NA	NA
1,2,3,4,7,8-HxCDF	NA	NA	NA	NA	NA
1,2,3,6,7,8-HxCDF	NA	NA	NA	NA	NA
1,2,3,7,8,9-HxCDF	NA	NA	NA	NA	NA
2,3,4,6,7,8-HxCDF	NA	NA	NA	NA	NA
HxCDFs (total)	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDF	NA	NA	NA	NA	NA
1,2,3,4,7,8,9-HpCDF	NA	NA	NA	NA	NA
HpCDFs (total)	NA	NA	NA	NA	NA
OCDF	NA	NA	NA	NA	NA
Dioxins					
2,3,7,8-TCDD	NA	NA	NA	NA	NA
TCDDs (total)	NA	NA	NA	NA	NA
1,2,3,7,8-PeCDD	NA	NA	NA	NA	NA
PeCDDs (total)	NA	NA	NA	NA	NA
1,2,3,4,7,8-HxCDD	NA	NA	NA	NA	NA
1,2,3,6,7,8-HxCDD	NA	NA	NA	NA	NA
1,2,3,7,8,9-HxCDD	NA	NA	NA	NA	NA
HxCDDs (total)	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDD	NA	NA	NA	NA	NA
HpCDDs (total)	NA	NA	NA	NA	NA
OCDD	NA	NA	NA	NA	NA
Total TEQs (WHO TEFs)	NA	NA	NA	NA	NA
Inorganics					
Antimony	NA	NA	NA	NA	NA
Arsenic	NA	NA	NA	NA	NA
Barium	NA	NA	NA	NA	NA
Beryllium	NA	NA	NA	NA	NA
Cadmium	NA	NA	NA	NA	NA
Chromium	NA	NA	NA	NA	NA
Cobalt	NA	NA	NA	NA	NA
Copper	NA	NA	NA	NA	NA
Cyanide	NA	NA	NA	NA	NA
Lead	NA	NA	NA	NA	NA
Mercury	NA	NA	NA	NA	NA
Nickel	NA	NA	NA	NA	NA
Selenium	NA	NA	NA	NA	NA
Silver	NA	NA	NA	NA	NA
Sulfide	NA	NA	NA	NA	NA
Thallium	NA	NA	NA	NA	NA
Tin	NA	NA	NA	NA	NA
Vanadium	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA

ATTACHMENT B
SUPPLEMENTAL PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

SUPPLEMENTAL PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS J AND K REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Sample ID:	RAA15-E8NE	RAA15-E8SW	RAA15-E8NW	RAA15-E15N	RAA15-E15N
Sample Depth(Feet):	1-3	1-3	1-3	0-1	1-3
Date Collected:	05/04/04	05/04/04	05/04/04	05/04/04	05/04/04
Volatile Organics					
1,1,1,2-Tetrachloroethane	NA	NA	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)
1,1,1-Trichloroethane	NA	NA	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)
1,1,2,2-Tetrachloroethane	NA	NA	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)
1,1,2-Trichloroethane	NA	NA	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)
1,1-Dichloroethane	NA	NA	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)
1,1-Dichloroethene	NA	NA	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)
1,2,3-Trichloropropane	NA	NA	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)
1,2-Dibromo-3-chloropropane	NA	NA	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)
1,2-Dibromoethane	NA	NA	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)
1,2-Dichloroethane	NA	NA	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)
1,2-Dichloropropane	NA	NA	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)
1,4-Dioxane	NA	NA	NA	ND(0.11) J [ND(0.11) J]	ND(0.11) J
2-Butanone	NA	NA	NA	ND(0.011) [ND(0.011)]	ND(0.011)
2-Chloro-1,3-butadiene	NA	NA	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)
2-Chloroethylvinylether	NA	NA	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)
2-Hexanone	NA	NA	NA	ND(0.011) [ND(0.011)]	ND(0.011)
3-Chloropropene	NA	NA	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)
4-Methyl-2-pentanone	NA	NA	NA	ND(0.011) [ND(0.011)]	ND(0.011)
Acetone	NA	NA	NA	ND(0.022) [ND(0.022)]	ND(0.022)
Acetonitrile	NA	NA	NA	ND(0.11) J [ND(0.11) J]	ND(0.11) J
Acrolein	NA	NA	NA	ND(0.11) J [ND(0.11) J]	ND(0.11) J
Acrylonitrile	NA	NA	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)
Benzene	NA	NA	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)
Bromodichloromethane	NA	NA	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)
Bromoform	NA	NA	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)
Bromomethane	NA	NA	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)
Carbon Disulfide	NA	NA	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)
Carbon Tetrachloride	NA	NA	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)
Chlorobenzene	NA	NA	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)
Chloroethane	NA	NA	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)
Chloroform	NA	NA	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)
Chloromethane	NA	NA	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)
cis-1,3-Dichloropropene	NA	NA	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)
Dibromochloromethane	NA	NA	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)
Dibromomethane	NA	NA	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)
Dichlorodifluoromethane	NA	NA	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)
Ethyl Methacrylate	NA	NA	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)
Ethylbenzene	NA	NA	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)
Iodomethane	NA	NA	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)
Isobutanol	NA	NA	NA	ND(0.11) J [ND(0.11) J]	ND(0.11) J
Methacrylonitrile	NA	NA	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)
Methyl Methacrylate	NA	NA	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)
Methylene Chloride	NA	NA	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)
Propionitrile	NA	NA	NA	ND(0.011) J [ND(0.011) J]	ND(0.011) J
Styrene	NA	NA	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)
Tetrachloroethene	NA	NA	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)
Toluene	NA	NA	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)
trans-1,2-Dichloroethene	NA	NA	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)
trans-1,3-Dichloropropene	NA	NA	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)
trans-1,4-Dichloro-2-butene	NA	NA	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)
Trichloroethene	NA	NA	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)
Trichlorofluoromethane	NA	NA	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)
Vinyl Acetate	NA	NA	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)
Vinyl Chloride	NA	NA	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)
Xylenes (total)	NA	NA	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)

ATTACHMENT B
SUPPLEMENTAL PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

SUPPLEMENTAL PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS J AND K REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Sample ID:	RAA15-E8NE	RAA15-E8SW	RAA15-E8NW	RAA15-E15N	RAA15-E15N
Sample Depth(Feet):	1-3	1-3	1-3	0-1	1-3
Date Collected:	05/04/04	05/04/04	05/04/04	05/04/04	05/04/04
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	ND(0.37)	ND(0.38)	5.3	ND(0.37)	ND(0.37)
1,2,4-Trichlorobenzene	ND(0.37)	ND(0.38)	0.10 J	ND(0.37)	ND(0.37)
1,2-Dichlorobenzene	ND(0.37)	ND(0.38)	ND(0.40)	ND(0.37)	ND(0.37)
1,2-Diphenylhydrazine	ND(0.37) J	ND(0.38) J	ND(0.40) J	ND(0.37) J	ND(0.37) J
1,3,5-Trinitrobenzene	ND(0.37)	ND(0.38)	ND(0.40)	ND(0.37)	ND(0.37)
1,3-Dichlorobenzene	ND(0.37)	ND(0.38)	ND(0.40)	ND(0.37)	ND(0.37)
1,3-Dinitrobenzene	ND(0.75) J	ND(0.76) J	ND(0.80) J	ND(0.75) J	ND(0.74) J
1,4-Dichlorobenzene	ND(0.37)	ND(0.38)	ND(0.40)	ND(0.37)	ND(0.37)
1,4-Naphthoquinone	ND(0.75) J	ND(0.76) J	ND(0.80) J	ND(0.75) J	ND(0.74) J
1-Naphthylamine	ND(0.75)	ND(0.76)	ND(0.80)	ND(0.75)	ND(0.74)
2,3,4,6-Tetrachlorophenol	ND(0.37)	ND(0.38)	ND(0.40)	ND(0.37)	ND(0.37)
2,4,5-Trichlorophenol	ND(0.37)	ND(0.38)	ND(0.40)	ND(0.37)	ND(0.37)
2,4,6-Trichlorophenol	ND(0.37)	ND(0.38)	ND(0.40)	ND(0.37)	ND(0.37)
2,4-Dichlorophenol	ND(0.37)	ND(0.38)	ND(0.40)	ND(0.37)	ND(0.37)
2,4-Dimethylphenol	ND(0.37)	ND(0.38)	ND(0.40)	ND(0.37)	ND(0.37)
2,4-Dinitrophenol	ND(1.9)	ND(1.9)	ND(2.0)	ND(1.9)	ND(1.9)
2,4-Dinitrotoluene	ND(0.37)	ND(0.38)	ND(0.40)	ND(0.37)	ND(0.37)
2,6-Dichlorophenol	ND(0.37)	ND(0.38)	ND(0.40)	ND(0.37)	ND(0.37)
2,6-Dinitrotoluene	ND(0.37)	ND(0.38)	ND(0.40)	ND(0.37)	ND(0.37)
2-Acetylaminofluorene	ND(0.75)	ND(0.76)	ND(0.80)	ND(0.75)	ND(0.74)
2-Chloronaphthalene	ND(0.37)	ND(0.38)	ND(0.40)	ND(0.37)	ND(0.37)
2-Chlorophenol	ND(0.37)	ND(0.38)	ND(0.40)	ND(0.37)	ND(0.37)
2-Methylnaphthalene	ND(0.37)	1.3	2.0	ND(0.37)	ND(0.37)
2-Methylphenol	ND(0.37)	ND(0.38)	ND(0.40)	ND(0.37)	ND(0.37)
2-Naphthylamine	ND(0.75)	ND(0.76)	ND(0.80)	ND(0.75)	ND(0.74)
2-Nitroaniline	ND(1.9) J	ND(1.9) J	ND(2.0) J	ND(1.9) J	ND(1.9) J
2-Nitrophenol	ND(0.75)	ND(0.76)	ND(0.80)	ND(0.75)	ND(0.74)
2-Picoline	ND(0.37)	ND(0.38)	ND(0.40)	ND(0.37)	ND(0.37)
3&4-Methylphenol	ND(0.75)	ND(0.76)	ND(0.80)	ND(0.75)	ND(0.74)
3,3'-Dichlorobenzidine	ND(0.75)	ND(0.76)	ND(0.80)	ND(0.75)	ND(0.74)
3,3'-Dimethylbenzidine	ND(0.37)	ND(0.38)	ND(0.40)	ND(0.37)	ND(0.37)
3-Methylcholanthrene	ND(0.75)	ND(0.76)	ND(0.80)	ND(0.75)	ND(0.74)
3-Nitroaniline	ND(1.9)	ND(1.9)	ND(2.0)	ND(1.9)	ND(1.9)
4,6-Dinitro-2-methylphenol	ND(0.37)	ND(0.38)	ND(0.40)	ND(0.37)	ND(0.37)
4-Aminobiphenyl	ND(0.75)	ND(0.76)	ND(0.80)	ND(0.75)	ND(0.74)
4-Bromophenyl-phenylether	ND(0.37)	ND(0.38)	ND(0.40)	ND(0.37)	ND(0.37)
4-Chloro-3-Methylphenol	ND(0.37)	ND(0.38)	ND(0.40)	ND(0.37)	ND(0.37)
4-Chloroaniline	ND(0.37)	ND(0.38)	ND(0.40)	ND(0.37)	ND(0.37)
4-Chlorobenzilate	ND(0.75)	ND(0.76)	ND(0.80)	ND(0.75)	ND(0.74)
4-Chlorophenyl-phenylether	ND(0.37)	ND(0.38)	ND(0.40)	ND(0.37)	ND(0.37)
4-Nitroaniline	ND(1.9) J	ND(1.9) J	ND(2.0) J	ND(1.9) J	ND(1.9) J
4-Nitrophenol	ND(1.9) J	ND(1.9) J	ND(2.0) J	ND(1.9) J	ND(1.9) J
4-Nitroquinoline-1-oxide	ND(0.75) J	ND(0.76) J	ND(0.80) J	ND(0.75) J	ND(0.74) J
4-Phenylenediamine	ND(0.75)	ND(0.76)	ND(0.80)	ND(0.75)	ND(0.74)
5-Nitro-o-toluidine	ND(0.75)	ND(0.76)	ND(0.80)	ND(0.75)	ND(0.74)
7,12-Dimethylbenz(a)anthracene	ND(0.75)	ND(0.76)	ND(0.80)	ND(0.75)	ND(0.74)
a,a'-Dimethylphenethylamine	ND(0.75) J	ND(0.76) J	ND(0.80) J	ND(0.75) J	ND(0.74) J
Acenaphthene	1.5	7.2	13	0.15 J	0.43
Acenaphthylene	0.59	2.2	0.74	0.10 J	0.16 J
Acetophenone	ND(0.37)	ND(0.38)	ND(0.40)	ND(0.37)	ND(0.37)
Aniline	ND(0.37)	ND(0.38)	ND(0.40)	ND(0.37)	ND(0.37)
Anthracene	12	18	30	0.31 J	1.3
Aramite	ND(0.75)	ND(0.76)	ND(0.80)	ND(0.75)	ND(0.74)
Benzidine	ND(0.75) J	ND(0.76) J	ND(0.80) J	ND(0.75) J	ND(0.74) J
Benzo(a)anthracene	60	33	100	0.85	3.4

ATTACHMENT B
SUPPLEMENTAL PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

SUPPLEMENTAL PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS J AND K REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA15-E8NE 1-3 05/04/04	RAA15-E8SW 1-3 05/04/04	RAA15-E8NW 1-3 05/04/04	RAA15-E15N 0-1 05/04/04	RAA15-E15N 1-3 05/04/04
Semivolatile Organics (continued)					
Benzo(a)pyrene	28	15	38	0.50	1.6
Benzo(b)fluoranthene	29	14	37	0.52	1.7
Benzo(g,h,i)perylene	14	6.7	18	0.34 J	0.85
Benzo(k)fluoranthene	28	22	38	0.50	1.6
Benzyl Alcohol	ND(0.75) J	ND(0.76) J	ND(0.80) J	ND(0.75) J	ND(0.74) J
bis(2-Chloroethoxy)methane	ND(0.37)	ND(0.38)	ND(0.40)	ND(0.37)	ND(0.37)
bis(2-Chloroethyl)ether	ND(0.37)	ND(0.38)	ND(0.40)	ND(0.37)	ND(0.37)
bis(2-Chloroisopropyl)ether	ND(0.37)	ND(0.38)	ND(0.40)	ND(0.37)	ND(0.37)
bis(2-Ethylhexyl)phthalate	ND(0.37)	1.2	ND(0.39)	ND(0.37)	ND(0.36)
Butylbenzylphthalate	ND(0.37)	ND(0.38)	ND(0.40)	ND(0.37)	ND(0.37)
Chrysene	58	33	98	0.88	3.1
Diallate	ND(0.75)	ND(0.76)	ND(0.80)	ND(0.75)	ND(0.74)
Dibenzo(a,h)anthracene	4.2	2.6	6.1	0.10 J	0.29 J
Dibenzofuran	0.82	3.9	6.3	ND(0.37)	0.27 J
Diethylphthalate	ND(0.37)	ND(0.38)	ND(0.40)	ND(0.37)	ND(0.37)
Dimethylphthalate	ND(0.37)	ND(0.38)	ND(0.40)	ND(0.37)	ND(0.37)
Di-n-Butylphthalate	ND(0.37)	ND(0.38)	ND(0.40)	ND(0.37)	ND(0.37)
Di-n-Octylphthalate	ND(0.37)	ND(0.38)	ND(0.40)	ND(0.37)	ND(0.37)
Diphenylamine	ND(0.37)	ND(0.38)	ND(0.40)	ND(0.37)	ND(0.37)
Ethyl Methanesulfonate	ND(0.37)	ND(0.38)	ND(0.40)	ND(0.37)	ND(0.37)
Fluoranthene	110	150	270	2.1	9.2
Fluorene	2.3	7.5	14	0.12 J	0.45
Hexachlorobenzene	ND(0.37)	ND(0.38)	ND(0.40)	ND(0.37)	ND(0.37)
Hexachlorobutadiene	ND(0.37)	ND(0.38)	ND(0.40)	ND(0.37)	ND(0.37)
Hexachlorocyclopentadiene	ND(0.37)	ND(0.38)	ND(0.40)	ND(0.37)	ND(0.37)
Hexachloroethane	ND(0.37)	ND(0.38)	ND(0.40)	ND(0.37)	ND(0.37)
Hexachlorophene	ND(0.75)	ND(0.76)	ND(0.80)	ND(0.75)	ND(0.74)
Hexachloropropene	ND(0.37) J	ND(0.38) J	ND(0.40) J	ND(0.37) J	ND(0.37) J
Indeno(1,2,3-cd)pyrene	12	6.6	17	0.30 J	0.78
Isodrin	ND(0.37)	ND(0.38)	ND(0.40)	ND(0.37)	ND(0.37)
Isophorone	ND(0.37)	ND(0.38)	ND(0.40)	ND(0.37)	ND(0.37)
Isosafrole	ND(0.75)	ND(0.76)	ND(0.80)	ND(0.75)	ND(0.74)
Methapyrilene	ND(0.75) J	ND(0.76) J	ND(0.80) J	ND(0.75) J	ND(0.74) J
Methyl Methanesulfonate	ND(0.37) J	ND(0.38) J	ND(0.40) J	ND(0.37) J	ND(0.37) J
Naphthalene	0.52	3.7	6.9	ND(0.37)	0.27 J
Nitrobenzene	ND(0.37)	ND(0.38)	ND(0.40)	ND(0.37)	ND(0.37)
N-Nitrosodiethylamine	ND(0.37) J	ND(0.38) J	ND(0.40) J	ND(0.37) J	ND(0.37) J
N-Nitrosodimethylamine	ND(0.37)	ND(0.38)	ND(0.40)	ND(0.37)	ND(0.37)
N-Nitroso-di-n-butylamine	ND(0.75)	ND(0.76)	ND(0.80)	ND(0.75)	ND(0.74)
N-Nitroso-di-n-propylamine	ND(0.37)	ND(0.38)	ND(0.40)	ND(0.37)	ND(0.37)
N-Nitrosodiphenylamine	ND(0.37)	ND(0.38)	ND(0.40)	ND(0.37)	ND(0.37)
N-Nitrosomethylethylamine	ND(0.75)	ND(0.76)	ND(0.80)	ND(0.75)	ND(0.74)
N-Nitrosomorpholine	ND(0.37)	ND(0.38)	ND(0.40)	ND(0.37)	ND(0.37)
N-Nitrosopiperidine	ND(0.37)	ND(0.38)	ND(0.40)	ND(0.37)	ND(0.37)
N-Nitrosopyrrolidine	ND(0.75)	ND(0.76)	ND(0.80)	ND(0.75)	ND(0.74)
o,o,o-Triethylphosphorothioate	ND(0.37)	ND(0.38)	ND(0.40)	ND(0.37)	ND(0.37)
o-Toluidine	ND(0.37)	ND(0.38)	ND(0.40)	ND(0.37)	ND(0.37)
p-Dimethylaminoazobenzene	ND(0.75)	ND(0.76)	ND(0.80)	ND(0.75)	ND(0.74)
Pentachlorobenzene	ND(0.37)	ND(0.38)	0.37 J	ND(0.37)	ND(0.37)
Pentachloroethane	ND(0.37) J	ND(0.38) J	ND(0.40) J	ND(0.37) J	ND(0.37) J
Pentachloronitrobenzene	ND(0.75) J	ND(0.76) J	ND(0.80) J	ND(0.75) J	ND(0.74) J
Pentachlorophenol	ND(1.9)	ND(1.9)	ND(2.0)	ND(1.9)	ND(1.9)
Phenacetin	ND(0.75) J	ND(0.76) J	ND(0.80) J	ND(0.75) J	ND(0.74) J
Phenanthrene	39	64	150	1.3	4.7
Phenol	ND(0.37)	ND(0.38)	ND(0.40)	ND(0.37)	ND(0.37)

ATTACHMENT B
SUPPLEMENTAL PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

SUPPLEMENTAL PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS J AND K REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA15-E8NE 1-3 05/04/04	RAA15-E8SW 1-3 05/04/04	RAA15-E8NW 1-3 05/04/04	RAA15-E15N 0-1 05/04/04	RAA15-E15N 1-3 05/04/04
Semivolatile Organics (continued)					
Pronamide	ND(0.37)	ND(0.38)	ND(0.40)	ND(0.37)	ND(0.37)
Pyrene	97	71	200	1.7	6.8
Pyridine	ND(0.37)	ND(0.38)	ND(0.40)	ND(0.37)	ND(0.37)
Safrole	ND(0.37)	ND(0.38)	ND(0.40)	ND(0.37)	ND(0.37)
Thionazin	ND(0.37)	ND(0.38)	ND(0.40)	ND(0.37)	ND(0.37)
Furans					
2,3,7,8-TCDF	NA	NA	NA	0.0000087 Y	0.0000071 Y
TCDFs (total)	NA	NA	NA	0.00016 Q	0.000081 QI
1,2,3,7,8-PeCDF	NA	NA	NA	0.0000079 Q	0.0000036 Q
2,3,4,7,8-PeCDF	NA	NA	NA	0.000030 Q	0.000017 Q
PeCDFs (total)	NA	NA	NA	0.00021 QI	0.00010 QI
1,2,3,4,7,8-HxCDF	NA	NA	NA	0.000026	0.000012
1,2,3,6,7,8-HxCDF	NA	NA	NA	0.000015	0.0000070
1,2,3,7,8,9-HxCDF	NA	NA	NA	0.0000044 Q	0.0000020 JQ
2,3,4,6,7,8-HxCDF	NA	NA	NA	0.000027	0.000018
HxCDFs (total)	NA	NA	NA	0.00047 QI	0.00024 Q
1,2,3,4,6,7,8-HpCDF	NA	NA	NA	0.000046	0.000027
1,2,3,4,7,8,9-HpCDF	NA	NA	NA	0.0000091	0.0000048
HpCDFs (total)	NA	NA	NA	0.00010	0.000072
OCDF	NA	NA	NA	0.000042	0.000026
Dioxins					
2,3,7,8-TCDD	NA	NA	NA	0.00000039 J	0.00000034 JQ
TCDDs (total)	NA	NA	NA	0.0000038 Q	0.0000014 Q
1,2,3,7,8-PeCDD	NA	NA	NA	ND(0.00000083) X	0.0000028 Q
PeCDDs (total)	NA	NA	NA	0.000010 Q	0.000017 Q
1,2,3,4,7,8-HxCDD	NA	NA	NA	0.0000015 J	0.0000018 J
1,2,3,6,7,8-HxCDD	NA	NA	NA	0.0000021 J	0.0000067
1,2,3,7,8,9-HxCDD	NA	NA	NA	0.0000019 J	0.0000042
HxCDDs (total)	NA	NA	NA	0.000021	0.000059 Q
1,2,3,4,6,7,8-HpCDD	NA	NA	NA	0.000017	0.000053
HpCDDs (total)	NA	NA	NA	0.000034	0.00011
OCDD	NA	NA	NA	0.00015	0.00032
Total TEQs (WHO TEFs)	NA	NA	NA	0.000026	0.000019
Inorganics					
Antimony	NA	NA	NA	1.90 J	1.20 J
Arsenic	NA	NA	NA	4.50	4.40
Barium	NA	NA	NA	47.0	42.0
Beryllium	NA	NA	NA	0.200 B	0.210 B
Cadmium	NA	NA	NA	0.480 B	0.540
Chromium	NA	NA	NA	6.90	6.80
Cobalt	NA	NA	NA	4.40 B	4.70 B
Copper	NA	NA	NA	18.0	52.0
Cyanide	NA	NA	NA	0.0430 B	0.0800 B
Lead	NA	NA	NA	23.0	27.0
Mercury	NA	NA	NA	0.0360 B	0.260
Nickel	NA	NA	NA	7.70	10.0
Selenium	NA	NA	NA	0.670 J	ND(1.00) J
Silver	NA	NA	NA	ND(1.00)	ND(1.00)
Sulfide	NA	NA	NA	970	7.00
Thallium	NA	NA	NA	ND(1.10) J	ND(1.10) J
Tin	NA	NA	NA	ND(10)	ND(10)
Vanadium	NA	NA	NA	7.90	9.20
Zinc	NA	NA	NA	35.0	49.0

ATTACHMENT B
SUPPLEMENTAL PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

SUPPLEMENTAL PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS J AND K REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA15-E15N 3-6 05/04/04	RAA15-E15N 4-6 05/04/04	RAA15-E15N 6-10 05/04/04	RAA15-E15N 8-10 05/04/04	RAA15-E15W 0-1 05/03/04
Volatile Organics						
1,1,1,2-Tetrachloroethane		NA	ND(0.0055)	NA	ND(0.0056)	ND(0.0058)
1,1,1-Trichloroethane		NA	ND(0.0055)	NA	ND(0.0056)	ND(0.0058)
1,1,2,2-Tetrachloroethane		NA	ND(0.0055)	NA	ND(0.0056)	ND(0.0058)
1,1,2-Trichloroethane		NA	ND(0.0055)	NA	ND(0.0056)	ND(0.0058)
1,1-Dichloroethane		NA	ND(0.0055)	NA	ND(0.0056)	ND(0.0058)
1,1-Dichloroethene		NA	ND(0.0055)	NA	ND(0.0056)	ND(0.0058)
1,2,3-Trichloropropane		NA	ND(0.0055)	NA	ND(0.0056)	ND(0.0058)
1,2-Dibromo-3-chloropropane		NA	ND(0.0055)	NA	ND(0.0056)	ND(0.0058)
1,2-Dibromoethane		NA	ND(0.0055)	NA	ND(0.0056)	ND(0.0058)
1,2-Dichloroethane		NA	ND(0.0055)	NA	ND(0.0056)	ND(0.0058)
1,2-Dichloropropane		NA	ND(0.0055)	NA	ND(0.0056)	ND(0.0058)
1,4-Dioxane		NA	ND(0.11) J	NA	ND(0.11) J	ND(0.12) J
2-Butanone		NA	ND(0.011)	NA	ND(0.011)	ND(0.012)
2-Chloro-1,3-butadiene		NA	ND(0.0055)	NA	ND(0.0056)	ND(0.0058)
2-Chloroethylvinylether		NA	ND(0.0055)	NA	ND(0.0056)	ND(0.0058)
2-Hexanone		NA	ND(0.011)	NA	ND(0.011)	ND(0.012)
3-Chloropropene		NA	ND(0.0055)	NA	ND(0.0056)	ND(0.0058)
4-Methyl-2-pentanone		NA	ND(0.011)	NA	ND(0.011)	ND(0.012)
Acetone		NA	ND(0.022)	NA	ND(0.022)	ND(0.023)
Acetonitrile		NA	ND(0.11) J	NA	ND(0.11) J	ND(0.12) J
Acrolein		NA	ND(0.11) J	NA	ND(0.11) J	ND(0.12) J
Acrylonitrile		NA	ND(0.0055)	NA	ND(0.0056)	ND(0.0058)
Benzene		NA	ND(0.0055)	NA	ND(0.0056)	ND(0.0058)
Bromodichloromethane		NA	ND(0.0055)	NA	ND(0.0056)	ND(0.0058)
Bromoform		NA	ND(0.0055)	NA	ND(0.0056)	ND(0.0058)
Bromomethane		NA	ND(0.0055)	NA	ND(0.0056)	ND(0.0058)
Carbon Disulfide		NA	ND(0.0055)	NA	ND(0.0056)	ND(0.0058)
Carbon Tetrachloride		NA	ND(0.0055)	NA	ND(0.0056)	ND(0.0058)
Chlorobenzene		NA	ND(0.0055)	NA	ND(0.0056)	ND(0.0058)
Chloroethane		NA	ND(0.0055)	NA	ND(0.0056)	ND(0.0058)
Chloroform		NA	ND(0.0055)	NA	ND(0.0056)	ND(0.0058)
Chloromethane		NA	ND(0.0055)	NA	ND(0.0056)	ND(0.0058)
cis-1,3-Dichloropropene		NA	ND(0.0055)	NA	ND(0.0056)	ND(0.0058)
Dibromochloromethane		NA	ND(0.0055)	NA	ND(0.0056)	ND(0.0058)
Dibromomethane		NA	ND(0.0055)	NA	ND(0.0056)	ND(0.0058)
Dichlorodifluoromethane		NA	ND(0.0055)	NA	ND(0.0056)	ND(0.0058)
Ethyl Methacrylate		NA	ND(0.0055)	NA	ND(0.0056)	ND(0.0058)
Ethylbenzene		NA	ND(0.0055)	NA	ND(0.0056)	ND(0.0058)
Iodomethane		NA	ND(0.0055)	NA	ND(0.0056)	ND(0.0058)
Isobutanol		NA	ND(0.11) J	NA	ND(0.11) J	ND(0.12) J
Methacrylonitrile		NA	ND(0.0055)	NA	ND(0.0056)	ND(0.0058)
Methyl Methacrylate		NA	ND(0.0055)	NA	ND(0.0056)	ND(0.0058)
Methylene Chloride		NA	ND(0.0055)	NA	ND(0.0056)	ND(0.0058)
Propionitrile		NA	ND(0.011) J	NA	ND(0.011) J	ND(0.012) J
Styrene		NA	ND(0.0055)	NA	ND(0.0056)	ND(0.0058)
Tetrachloroethene		NA	ND(0.0055)	NA	ND(0.0056)	ND(0.0058)
Toluene		NA	ND(0.0055)	NA	ND(0.0056)	ND(0.0058)
trans-1,2-Dichloroethene		NA	ND(0.0055)	NA	ND(0.0056)	ND(0.0058)
trans-1,3-Dichloropropene		NA	ND(0.0055)	NA	ND(0.0056)	ND(0.0058)
trans-1,4-Dichloro-2-butene		NA	ND(0.0055)	NA	ND(0.0056)	ND(0.0058)
Trichloroethene		NA	ND(0.0055)	NA	ND(0.0056)	ND(0.0058)
Trichlorofluoromethane		NA	ND(0.0055)	NA	ND(0.0056)	ND(0.0058)
Vinyl Acetate		NA	ND(0.0055)	NA	ND(0.0056)	ND(0.0058)
Vinyl Chloride		NA	ND(0.0055)	NA	ND(0.0056)	ND(0.0058)
Xylenes (total)		NA	ND(0.0055)	NA	ND(0.0056)	ND(0.0058)

ATTACHMENT B
SUPPLEMENTAL PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

SUPPLEMENTAL PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS J AND K REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Sample ID: / Sample Depth(Feet): / Date Collected:	RAA15-E15N 3-6 05/04/04	RAA15-E15N 4-6 05/04/04	RAA15-E15N 6-10 05/04/04	RAA15-E15N 8-10 05/04/04	RAA15-E15W 0-1 05/03/04
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	ND(0.37)	NA	NA	NA	ND(0.39)
1,2,4-Trichlorobenzene	ND(0.37)	NA	NA	NA	ND(0.39)
1,2-Dichlorobenzene	ND(0.37)	NA	NA	NA	ND(0.39)
1,2-Diphenylhydrazine	ND(0.37) J	NA	NA	NA	ND(0.39) J
1,3,5-Trinitrobenzene	ND(0.37)	NA	NA	NA	ND(0.39)
1,3-Dichlorobenzene	ND(0.37)	NA	NA	NA	ND(0.39)
1,3-Dinitrobenzene	ND(0.74) J	NA	NA	NA	ND(0.78) J
1,4-Dichlorobenzene	ND(0.37)	NA	NA	NA	ND(0.39)
1,4-Naphthoquinone	ND(0.74) J	NA	NA	NA	ND(0.78) J
1-Naphthylamine	ND(0.74)	NA	NA	NA	ND(0.78)
2,3,4,6-Tetrachlorophenol	ND(0.37)	NA	NA	NA	ND(0.39)
2,4,5-Trichlorophenol	ND(0.37)	NA	NA	NA	ND(0.39)
2,4,6-Trichlorophenol	ND(0.37)	NA	NA	NA	ND(0.39)
2,4-Dichlorophenol	ND(0.37)	NA	NA	NA	ND(0.39)
2,4-Dimethylphenol	ND(0.37)	NA	NA	NA	ND(0.39)
2,4-Dinitrophenol	ND(1.9)	NA	NA	NA	ND(2.0)
2,4-Dinitrotoluene	ND(0.37)	NA	NA	NA	ND(0.39)
2,6-Dichlorophenol	ND(0.37)	NA	NA	NA	ND(0.39)
2,6-Dinitrotoluene	ND(0.37)	NA	NA	NA	ND(0.39)
2-Acetylaminofluorene	ND(0.74)	NA	NA	NA	ND(0.78)
2-Chloronaphthalene	ND(0.37)	NA	NA	NA	ND(0.39)
2-Chlorophenol	ND(0.37)	NA	NA	NA	ND(0.39)
2-Methylnaphthalene	ND(0.37)	NA	NA	NA	ND(0.39)
2-Methylphenol	ND(0.37)	NA	NA	NA	ND(0.39)
2-Naphthylamine	ND(0.74)	NA	NA	NA	ND(0.78)
2-Nitroaniline	ND(1.9) J	NA	NA	NA	ND(2.0) J
2-Nitrophenol	ND(0.74)	NA	NA	NA	ND(0.78)
2-Picoline	ND(0.37)	NA	NA	NA	ND(0.39)
3&4-Methylphenol	ND(0.74)	NA	NA	NA	ND(0.78)
3,3'-Dichlorobenzidine	ND(0.74)	NA	NA	NA	ND(0.78)
3,3'-Dimethylbenzidine	ND(0.37)	NA	NA	NA	ND(0.39)
3-Methylcholanthrene	ND(0.74)	NA	NA	NA	ND(0.78)
3-Nitroaniline	ND(1.9)	NA	NA	NA	ND(2.0)
4,6-Dinitro-2-methylphenol	ND(0.37)	NA	NA	NA	ND(0.39)
4-Aminobiphenyl	ND(0.74)	NA	NA	NA	ND(0.78)
4-Bromophenyl-phenylether	ND(0.37)	NA	NA	NA	ND(0.39)
4-Chloro-3-Methylphenol	ND(0.37)	NA	NA	NA	ND(0.39)
4-Chloroaniline	ND(0.37)	NA	NA	NA	ND(0.39)
4-Chlorobenzilate	ND(0.74)	NA	NA	NA	ND(0.78)
4-Chlorophenyl-phenylether	ND(0.37)	NA	NA	NA	ND(0.39)
4-Nitroaniline	ND(1.9) J	NA	NA	NA	ND(2.0) J
4-Nitrophenol	ND(1.9) J	NA	NA	NA	ND(2.0) J
4-Nitroquinoline-1-oxide	ND(0.74) J	NA	NA	NA	ND(0.78) J
4-Phenylenediamine	ND(0.74)	NA	NA	NA	ND(0.78)
5-Nitro-o-toluidine	ND(0.74)	NA	NA	NA	ND(0.78)
7,12-Dimethylbenz(a)anthracene	ND(0.74)	NA	NA	NA	ND(0.78)
a,a'-Dimethylphenethylamine	ND(0.74) J	NA	NA	NA	ND(0.78) J
Acenaphthene	0.20 J	NA	NA	NA	0.12 J
Acenaphthylene	ND(0.37)	NA	NA	NA	0.085 J
Acetophenone	ND(0.37)	NA	NA	NA	ND(0.39)
Aniline	ND(0.37)	NA	NA	NA	ND(0.39)
Anthracene	0.39	NA	NA	NA	0.39
Aramite	ND(0.74)	NA	NA	NA	ND(0.78)
Benzidine	ND(0.74) J	NA	NA	NA	ND(0.78) J
Benzo(a)anthracene	0.65	NA	NA	NA	1.0

ATTACHMENT B
SUPPLEMENTAL PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

SUPPLEMENTAL PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS J AND K REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Sample ID: / Sample Depth(Feet): / Date Collected:	RAA15-E15N 3-6 05/04/04	RAA15-E15N 4-6 05/04/04	RAA15-E15N 6-10 05/04/04	RAA15-E15N 8-10 05/04/04	RAA15-E15W 0-1 05/03/04
Semivolatile Organics (continued)					
Benzo(a)pyrene	0.38	NA	NA	NA	0.62
Benzo(b)fluoranthene	0.34 J	NA	NA	NA	0.65
Benzo(g,h,i)perylene	0.24 J	NA	NA	NA	0.36 J
Benzo(k)fluoranthene	0.36 J	NA	NA	NA	0.67
Benzyl Alcohol	ND(0.74) J	NA	NA	NA	ND(0.78) J
bis(2-Chloroethoxy)methane	ND(0.37)	NA	NA	NA	ND(0.39)
bis(2-Chloroethyl)ether	ND(0.37)	NA	NA	NA	ND(0.39)
bis(2-Chloroisopropyl)ether	ND(0.37)	NA	NA	NA	ND(0.39)
bis(2-Ethylhexyl)phthalate	ND(0.36)	NA	NA	NA	ND(0.38)
Butylbenzylphthalate	ND(0.37)	NA	NA	NA	ND(0.39)
Chrysene	0.65	NA	NA	NA	1.0
Diallate	ND(0.74)	NA	NA	NA	ND(0.78)
Dibenzo(a,h)anthracene	ND(0.37)	NA	NA	NA	0.13 J
Dibenzofuran	0.13 J	NA	NA	NA	0.081 J
Diethylphthalate	ND(0.37)	NA	NA	NA	ND(0.39)
Dimethylphthalate	ND(0.37)	NA	NA	NA	ND(0.39)
Di-n-Butylphthalate	ND(0.37)	NA	NA	NA	ND(0.39)
Di-n-Octylphthalate	ND(0.37)	NA	NA	NA	ND(0.39)
Diphenylamine	ND(0.37)	NA	NA	NA	ND(0.39)
Ethyl Methanesulfonate	ND(0.37)	NA	NA	NA	ND(0.39)
Fluoranthene	1.6	NA	NA	NA	2.6
Fluorene	0.16 J	NA	NA	NA	0.13 J
Hexachlorobenzene	ND(0.37)	NA	NA	NA	ND(0.39)
Hexachlorobutadiene	ND(0.37)	NA	NA	NA	ND(0.39)
Hexachlorocyclopentadiene	ND(0.37)	NA	NA	NA	ND(0.39)
Hexachloroethane	ND(0.37)	NA	NA	NA	ND(0.39)
Hexachlorophene	ND(0.74)	NA	NA	NA	ND(0.78)
Hexachloropropene	ND(0.37) J	NA	NA	NA	ND(0.39) J
Indeno(1,2,3-cd)pyrene	0.19 J	NA	NA	NA	0.31 J
Isodrin	ND(0.37)	NA	NA	NA	ND(0.39)
Isophorone	ND(0.37)	NA	NA	NA	ND(0.39)
Isosafrole	ND(0.74)	NA	NA	NA	ND(0.78)
Methapyrilene	ND(0.74) J	NA	NA	NA	ND(0.78) J
Methyl Methanesulfonate	ND(0.37) J	NA	NA	NA	ND(0.39) J
Naphthalene	0.12 J	NA	NA	NA	ND(0.39)
Nitrobenzene	ND(0.37)	NA	NA	NA	ND(0.39)
N-Nitrosodiethylamine	ND(0.37) J	NA	NA	NA	ND(0.39) J
N-Nitrosodimethylamine	ND(0.37)	NA	NA	NA	ND(0.39)
N-Nitroso-di-n-butylamine	ND(0.74)	NA	NA	NA	ND(0.78)
N-Nitroso-di-n-propylamine	ND(0.37)	NA	NA	NA	ND(0.39)
N-Nitrosodiphenylamine	ND(0.37)	NA	NA	NA	ND(0.39)
N-Nitrosomethylethylamine	ND(0.74)	NA	NA	NA	ND(0.78)
N-Nitrosomorpholine	ND(0.37)	NA	NA	NA	ND(0.39)
N-Nitrosopiperidine	ND(0.37)	NA	NA	NA	ND(0.39)
N-Nitrosopyrrolidine	ND(0.74)	NA	NA	NA	ND(0.78)
o,o,o-Triethylphosphorothioate	ND(0.37)	NA	NA	NA	ND(0.39)
o-Toluidine	ND(0.37)	NA	NA	NA	ND(0.39)
p-Dimethylaminoazobenzene	ND(0.74)	NA	NA	NA	ND(0.78)
Pentachlorobenzene	ND(0.37)	NA	NA	NA	ND(0.39)
Pentachloroethane	ND(0.37) J	NA	NA	NA	ND(0.39) J
Pentachloronitrobenzene	ND(0.74) J	NA	NA	NA	ND(0.78) J
Pentachlorophenol	ND(1.9)	NA	NA	NA	ND(2.0)
Phenacetin	ND(0.74) J	NA	NA	NA	ND(0.78) J
Phenanthrene	1.4	NA	NA	NA	1.3
Phenol	ND(0.37)	NA	NA	NA	ND(0.39)

ATTACHMENT B
SUPPLEMENTAL PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

SUPPLEMENTAL PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS J AND K REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA15-E15N 3-6 05/04/04	RAA15-E15N 4-6 05/04/04	RAA15-E15N 6-10 05/04/04	RAA15-E15N 8-10 05/04/04	RAA15-E15W 0-1 05/03/04
Semivolatile Organics (continued)						
Pronamide		ND(0.37)	NA	NA	NA	ND(0.39)
Pyrene		1.4	NA	NA	NA	2.2
Pyridine		ND(0.37)	NA	NA	NA	ND(0.39)
Safrole		ND(0.37)	NA	NA	NA	ND(0.39)
Thionazin		ND(0.37)	NA	NA	NA	ND(0.39)
Furans						
2,3,7,8-TCDF		0.0000095 Y	NA	0.0000035 Y	NA	0.000012 Y
TCDFs (total)		0.00011 QI	NA	0.000033 QI	NA	0.00018 Q
1,2,3,7,8-PeCDF		0.0000048	NA	0.0000018 J	NA	0.0000081
2,3,4,7,8-PeCDF		0.000013	NA	0.0000038	NA	0.000027
PeCDFs (total)		0.00010 QI	NA	0.000036 QI	NA	0.00019 Q
1,2,3,4,7,8-HxCDF		0.000015	NA	0.0000021 J	NA	0.000020
1,2,3,6,7,8-HxCDF		0.0000068	NA	0.0000014 J	NA	0.0000098
1,2,3,7,8,9-HxCDF		0.0000049 Q	NA	0.00000068 JQ	NA	0.0000025 Q
2,3,4,6,7,8-HxCDF		0.000011	NA	0.0000020 J	NA	0.000019
HxCDFs (total)		0.00019 Q	NA	0.000029 Q	NA	0.00036 Q
1,2,3,4,6,7,8-HpCDF		0.000033	NA	0.0000073	NA	0.000062
1,2,3,4,7,8,9-HpCDF		0.0000051	NA	0.00000052 J	NA	0.000012
HpCDFs (total)		0.000084	NA	0.000014	NA	0.00014
OCDF		0.000042	NA	0.0000067	NA	0.000077
Dioxins						
2,3,7,8-TCDD		0.00000039 J	NA	ND(0.000000099) X	NA	0.00000027 J
TCDDs (total)		0.0000091	NA	0.00000022	NA	0.0000030 Q
1,2,3,7,8-PeCDD		0.0000044	NA	0.00000044 J	NA	0.0000013 J
PeCDDs (total)		0.000071 Q	NA	0.0000045 Q	NA	0.0000059 Q
1,2,3,4,7,8-HxCDD		0.0000050	NA	0.00000030 J	NA	0.0000010 J
1,2,3,6,7,8-HxCDD		0.000015	NA	0.0000011 J	NA	0.0000022 J
1,2,3,7,8,9-HxCDD		0.0000097	NA	0.00000060 J	NA	0.0000020 J
HxCDDs (total)		0.00015	NA	0.000011	NA	0.000017
1,2,3,4,6,7,8-HpCDD		0.000055	NA	0.0000085	NA	0.000032
HpCDDs (total)		0.00015	NA	0.000017	NA	0.000062
OCDD		0.00030	NA	0.000079	NA	0.00030
Total TEQs (WHO TEFs)		0.000020	NA	0.0000038	NA	0.000023
Inorganics						
Antimony		1.60 J	NA	NA	NA	ND(6.00)
Arsenic		7.70	NA	NA	NA	5.10
Barium		140	NA	NA	NA	47.0
Beryllium		0.210 B	NA	NA	NA	0.160 B
Cadmium		1.00	NA	NA	NA	0.680
Chromium		10.0	NA	NA	NA	8.10
Cobalt		6.20	NA	NA	NA	5.60
Copper		96.0	NA	NA	NA	26.0
Cyanide		0.100 B	NA	NA	NA	0.150
Lead		200	NA	NA	NA	120
Mercury		0.260	NA	NA	NA	0.270
Nickel		14.0	NA	NA	NA	11.0
Selenium		ND(1.00) J	NA	NA	NA	0.890 J
Silver		ND(1.00)	NA	NA	NA	ND(1.00)
Sulfide		16.0	NA	NA	NA	410
Thallium		ND(1.10) J	NA	NA	NA	ND(1.20) J
Tin		ND(10)	NA	NA	NA	ND(10)
Vanadium		11.0	NA	NA	NA	7.60
Zinc		180	NA	NA	NA	67.0

ATTACHMENT B
SUPPLEMENTAL PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

SUPPLEMENTAL PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS J AND K REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA15-E15W 1-3 05/03/04	RAA15-E15W 3-6 05/03/04	RAA15-E15W 4-6 05/03/04	RAA15-E15W 10-12 05/03/04	RAA15-E15W 10-15 05/03/04
Volatile Organics						
1,1,1,2-Tetrachloroethane		ND(0.0056)	NA	ND(0.0056)	ND(0.0068)	NA
1,1,1-Trichloroethane		ND(0.0056)	NA	ND(0.0056)	ND(0.0068)	NA
1,1,2,2-Tetrachloroethane		ND(0.0056)	NA	ND(0.0056)	ND(0.0068)	NA
1,1,2-Trichloroethane		ND(0.0056)	NA	ND(0.0056)	ND(0.0068)	NA
1,1-Dichloroethane		ND(0.0056)	NA	ND(0.0056)	ND(0.0068)	NA
1,1-Dichloroethene		ND(0.0056)	NA	ND(0.0056)	ND(0.0068)	NA
1,2,3-Trichloropropane		ND(0.0056)	NA	ND(0.0056)	ND(0.0068)	NA
1,2-Dibromo-3-chloropropane		ND(0.0056)	NA	ND(0.0056)	ND(0.0068)	NA
1,2-Dibromoethane		ND(0.0056)	NA	ND(0.0056)	ND(0.0068)	NA
1,2-Dichloroethane		ND(0.0056)	NA	ND(0.0056)	ND(0.0068)	NA
1,2-Dichloropropane		ND(0.0056)	NA	ND(0.0056)	ND(0.0068)	NA
1,4-Dioxane		NA	NA	ND(0.14) J	ND(0.11) J	NA
2-Butanone		ND(0.011)	NA	ND(0.011)	ND(0.014)	NA
2-Chloro-1,3-butadiene		ND(0.0056)	NA	ND(0.0056)	ND(0.0068)	NA
2-Chloroethylvinylether		ND(0.0056)	NA	ND(0.0056)	ND(0.0068)	NA
2-Hexanone		ND(0.011)	NA	ND(0.011)	ND(0.014)	NA
3-Chloropropene		ND(0.0056)	NA	ND(0.0056)	ND(0.0068)	NA
4-Methyl-2-pentanone		ND(0.011)	NA	ND(0.011)	ND(0.014)	NA
Acetone		ND(0.022)	NA	ND(0.022)	ND(0.027)	NA
Acetonitrile		NA	NA	ND(0.14) J	ND(0.11) J	NA
Acrolein		NA	NA	ND(0.14) J	ND(0.11) J	NA
Acrylonitrile		ND(0.0056)	NA	ND(0.0056)	ND(0.0068)	NA
Benzene		ND(0.0056)	NA	ND(0.0056)	ND(0.0068)	NA
Bromodichloromethane		ND(0.0056)	NA	ND(0.0056)	ND(0.0068)	NA
Bromoform		ND(0.0056)	NA	ND(0.0056)	ND(0.0068)	NA
Bromomethane		ND(0.0056)	NA	ND(0.0056)	ND(0.0068)	NA
Carbon Disulfide		ND(0.0056)	NA	ND(0.0056)	ND(0.0068)	NA
Carbon Tetrachloride		ND(0.0056)	NA	ND(0.0056)	ND(0.0068)	NA
Chlorobenzene		ND(0.0056)	NA	ND(0.0056)	ND(0.0068)	NA
Chloroethane		ND(0.0056)	NA	ND(0.0056)	ND(0.0068)	NA
Chloroform		ND(0.0056)	NA	ND(0.0056)	ND(0.0068)	NA
Chloromethane		ND(0.0056)	NA	ND(0.0056)	ND(0.0068)	NA
cis-1,3-Dichloropropene		ND(0.0056)	NA	ND(0.0056)	ND(0.0068)	NA
Dibromochloromethane		ND(0.0056)	NA	ND(0.0056)	ND(0.0068)	NA
Dibromomethane		ND(0.0056)	NA	ND(0.0056)	ND(0.0068)	NA
Dichlorodifluoromethane		ND(0.0056)	NA	ND(0.0056)	ND(0.0068)	NA
Ethyl Methacrylate		ND(0.0056)	NA	ND(0.0056)	ND(0.0068)	NA
Ethylbenzene		ND(0.0056)	NA	ND(0.0056)	ND(0.0068)	NA
Iodomethane		ND(0.0056)	NA	ND(0.0056)	ND(0.0068)	NA
Isobutanol		NA	NA	ND(0.14) J	ND(0.11) J	NA
Methacrylonitrile		ND(0.0056)	NA	ND(0.0056)	ND(0.0068)	NA
Methyl Methacrylate		ND(0.0056)	NA	ND(0.0056)	ND(0.0068)	NA
Methylene Chloride		ND(0.0056)	NA	ND(0.0056)	ND(0.0068)	NA
Propionitrile		NA	NA	ND(0.014) J	ND(0.011) J	NA
Styrene		ND(0.0056)	NA	ND(0.0056)	ND(0.0068)	NA
Tetrachloroethene		ND(0.0056)	NA	ND(0.0056)	ND(0.0068)	NA
Toluene		ND(0.0056)	NA	ND(0.0056)	ND(0.0068)	NA
trans-1,2-Dichloroethene		ND(0.0056)	NA	ND(0.0056)	ND(0.0068)	NA
trans-1,3-Dichloropropene		ND(0.0056)	NA	ND(0.0056)	ND(0.0068)	NA
trans-1,4-Dichloro-2-butene		ND(0.0056)	NA	ND(0.0056)	ND(0.0068)	NA
Trichloroethene		ND(0.0056)	NA	ND(0.0056)	ND(0.0068)	NA
Trichlorofluoromethane		ND(0.0056)	NA	ND(0.0056)	ND(0.0068)	NA
Vinyl Acetate		ND(0.0056)	NA	ND(0.0056)	ND(0.0068)	NA
Vinyl Chloride		ND(0.0056)	NA	ND(0.0056)	ND(0.0068)	NA
Xylenes (total)		ND(0.0056)	NA	ND(0.0056)	ND(0.0068)	NA

ATTACHMENT B
SUPPLEMENTAL PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

SUPPLEMENTAL PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS J AND K REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA15-E15W 1-3 05/03/04	RAA15-E15W 3-6 05/03/04	RAA15-E15W 4-6 05/03/04	RAA15-E15W 10-12 05/03/04	RAA15-E15W 10-15 05/03/04
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene		ND(0.37)	ND(0.50)	NA	NA	ND(0.43)
1,2,4-Trichlorobenzene		ND(0.37) J	ND(0.50)	NA	NA	ND(0.43)
1,2-Dichlorobenzene		ND(0.37)	ND(0.50)	NA	NA	ND(0.43)
1,2-Diphenylhydrazine		ND(0.37) J	ND(0.010) J	NA	NA	ND(0.43) J
1,3,5-Trinitrobenzene		ND(0.37)	ND(0.50)	NA	NA	ND(0.43)
1,3-Dichlorobenzene		ND(0.37)	ND(0.50)	NA	NA	ND(0.43)
1,3-Dinitrobenzene		ND(0.75) J	ND(0.010) J	NA	NA	ND(0.87) J
1,4-Dichlorobenzene		ND(0.37)	ND(0.50)	NA	NA	ND(0.43)
1,4-Naphthoquinone		ND(0.75) J	ND(0.010) J	NA	NA	ND(0.87) J
1-Naphthylamine		ND(0.75)	ND(0.78)	NA	NA	ND(0.87)
2,3,4,6-Tetrachlorophenol		ND(0.37)	ND(0.50)	NA	NA	ND(0.43)
2,4,5-Trichlorophenol		ND(0.37)	ND(0.50)	NA	NA	ND(0.43)
2,4,6-Trichlorophenol		ND(0.37)	ND(0.50)	NA	NA	ND(0.43)
2,4-Dichlorophenol		ND(0.37)	ND(0.50)	NA	NA	ND(0.43)
2,4-Dimethylphenol		ND(0.37)	ND(0.50)	NA	NA	ND(0.43)
2,4-Dinitrophenol		ND(1.9)	ND(2.5)	NA	NA	ND(2.2)
2,4-Dinitrotoluene		ND(0.37)	ND(0.50)	NA	NA	ND(0.43)
2,6-Dichlorophenol		ND(0.37)	ND(0.50)	NA	NA	ND(0.43)
2,6-Dinitrotoluene		ND(0.37)	ND(0.50)	NA	NA	ND(0.43)
2-Acetylaminofluorene		ND(0.75)	ND(0.78)	NA	NA	ND(0.87)
2-Chloronaphthalene		ND(0.37)	ND(0.50)	NA	NA	ND(0.43)
2-Chlorophenol		ND(0.37) J	ND(0.50)	NA	NA	ND(0.43)
2-Methylnaphthalene		ND(0.37)	ND(0.50)	NA	NA	ND(0.43)
2-Methylphenol		ND(0.37)	ND(0.50)	NA	NA	ND(0.43)
2-Naphthylamine		ND(0.75)	ND(0.78)	NA	NA	ND(0.87)
2-Nitroaniline		ND(1.9) J	ND(0.050) J	NA	NA	ND(2.2) J
2-Nitrophenol		ND(0.75)	ND(0.78)	NA	NA	ND(0.87)
2-Picoline		ND(0.37)	ND(0.50)	NA	NA	ND(0.43)
3&4-Methylphenol		ND(0.75)	ND(0.78)	NA	NA	ND(0.87)
3,3'-Dichlorobenzidine		ND(0.75)	ND(1.0)	NA	NA	ND(0.87)
3,3'-Dimethylbenzidine		ND(0.37)	ND(0.50)	NA	NA	ND(0.43)
3-Methylcholanthrene		ND(0.75)	ND(0.78)	NA	NA	ND(0.87)
3-Nitroaniline		ND(1.9)	ND(2.5)	NA	NA	ND(2.2)
4,6-Dinitro-2-methylphenol		ND(0.37)	ND(0.50)	NA	NA	ND(0.43)
4-Aminobiphenyl		ND(0.75)	ND(0.78)	NA	NA	ND(0.87)
4-Bromophenyl-phenylether		ND(0.37)	ND(0.50)	NA	NA	ND(0.43)
4-Chloro-3-Methylphenol		ND(0.37)	ND(0.50)	NA	NA	ND(0.43)
4-Chloroaniline		ND(0.37)	ND(0.50)	NA	NA	ND(0.43)
4-Chlorobenzilate		ND(0.75)	ND(0.78)	NA	NA	ND(0.87)
4-Chlorophenyl-phenylether		ND(0.37)	ND(0.50)	NA	NA	ND(0.43)
4-Nitroaniline		ND(1.9) J	ND(0.050) J	NA	NA	ND(2.2) J
4-Nitrophenol		ND(1.9) J	ND(0.050) J	NA	NA	ND(2.2) J
4-Nitroquinoline-1-oxide		ND(0.75) J	ND(0.010) J	NA	NA	ND(0.87) J
4-Phenylenediamine		ND(0.75)	ND(0.78)	NA	NA	ND(0.87)
5-Nitro-o-toluidine		ND(0.75)	ND(0.78)	NA	NA	ND(0.87)
7,12-Dimethylbenz(a)anthracene		ND(0.75)	ND(0.78)	NA	NA	ND(0.87)
a,a'-Dimethylphenethylamine		ND(0.75) J	ND(0.010) J	NA	NA	ND(0.87) J
Acenaphthene		0.12 J	ND(0.50)	NA	NA	ND(0.43)
Acenaphthylene		ND(0.37)	ND(0.50)	NA	NA	ND(0.43)
Acetophenone		ND(0.37)	ND(0.50)	NA	NA	ND(0.43)
Aniline		ND(0.37)	ND(0.50)	NA	NA	ND(0.43)
Anthracene		0.40	0.28 J	NA	NA	ND(0.43)
Aramite		ND(0.75)	ND(0.78)	NA	NA	ND(0.87)
Benzidine		ND(0.75) J	ND(0.020) J	NA	NA	ND(0.87) J
Benzo(a)anthracene		0.77	0.84	NA	NA	ND(0.43)

ATTACHMENT B
SUPPLEMENTAL PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

SUPPLEMENTAL PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS J AND K REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA15-E15W 1-3 05/03/04	RAA15-E15W 3-6 05/03/04	RAA15-E15W 4-6 05/03/04	RAA15-E15W 10-12 05/03/04	RAA15-E15W 10-15 05/03/04
Semivolatile Organics (continued)					
Benzo(a)pyrene	0.36 J	0.43 J	NA	NA	ND(0.43)
Benzo(b)fluoranthene	0.36 J	0.38 J	NA	NA	ND(0.43)
Benzo(g,h,i)perylene	0.21 J	0.21 J	NA	NA	ND(0.43)
Benzo(k)fluoranthene	0.38	0.41 J	NA	NA	ND(0.43)
Benzyl Alcohol	ND(0.75) J	ND(0.020) J	NA	NA	ND(0.87) J
bis(2-Chloroethoxy)methane	ND(0.37)	ND(0.50)	NA	NA	ND(0.43)
bis(2-Chloroethyl)ether	ND(0.37)	ND(0.50)	NA	NA	ND(0.43)
bis(2-Chloroisopropyl)ether	ND(0.37)	ND(0.50)	NA	NA	ND(0.43)
bis(2-Ethylhexyl)phthalate	ND(0.37)	ND(0.38)	NA	NA	ND(0.43)
Butylbenzylphthalate	ND(0.37)	ND(0.50)	NA	NA	ND(0.43)
Chrysene	0.77	0.83	NA	NA	ND(0.43)
Diallate	ND(0.75)	ND(0.78)	NA	NA	ND(0.87)
Dibenzo(a,h)anthracene	ND(0.37)	ND(0.50)	NA	NA	ND(0.43)
Dibenzofuran	0.074 J	ND(0.50)	NA	NA	ND(0.43)
Diethylphthalate	ND(0.37)	ND(0.50)	NA	NA	ND(0.43)
Dimethylphthalate	ND(0.37)	ND(0.50)	NA	NA	ND(0.43)
Di-n-Butylphthalate	ND(0.37)	ND(0.50)	NA	NA	ND(0.43)
Di-n-Octylphthalate	ND(0.37)	ND(0.50)	NA	NA	ND(0.43)
Diphenylamine	ND(0.37)	ND(0.50)	NA	NA	ND(0.43)
Ethyl Methanesulfonate	ND(0.37)	ND(0.50)	NA	NA	ND(0.43)
Fluoranthene	2.0	2.1	NA	NA	ND(0.43)
Fluorene	0.16 J	ND(0.50)	NA	NA	ND(0.43)
Hexachlorobenzene	ND(0.37)	ND(0.50)	NA	NA	ND(0.43)
Hexachlorobutadiene	ND(0.37)	ND(0.50)	NA	NA	ND(0.43)
Hexachlorocyclopentadiene	ND(0.37)	ND(0.50)	NA	NA	ND(0.43)
Hexachloroethane	ND(0.37)	ND(0.50)	NA	NA	ND(0.43)
Hexachlorophene	ND(0.75)	ND(1.0)	NA	NA	ND(0.87)
Hexachloropropene	ND(0.37) J	ND(0.010) J	NA	NA	ND(0.43) J
Indeno(1,2,3-cd)pyrene	0.19 J	0.20 J	NA	NA	ND(0.43)
Isodrin	ND(0.37)	ND(0.50)	NA	NA	ND(0.43)
Isophorone	ND(0.37)	ND(0.50)	NA	NA	ND(0.43)
Isosafrole	ND(0.75)	ND(0.78)	NA	NA	ND(0.87)
Methapyrilene	ND(0.75) J	ND(0.010) J	NA	NA	ND(0.87) J
Methyl Methanesulfonate	ND(0.37) J	ND(0.010) J	NA	NA	ND(0.43) J
Naphthalene	ND(0.37)	ND(0.50)	NA	NA	ND(0.43)
Nitrobenzene	ND(0.37)	ND(0.50)	NA	NA	ND(0.43)
N-Nitrosodiethylamine	ND(0.37) J	ND(0.010) J	NA	NA	ND(0.43) J
N-Nitrosodimethylamine	ND(0.37)	ND(0.50)	NA	NA	ND(0.43)
N-Nitroso-di-n-butylamine	ND(0.75)	ND(0.78)	NA	NA	ND(0.87)
N-Nitroso-di-n-propylamine	ND(0.37)	ND(0.50)	NA	NA	ND(0.43)
N-Nitrosodiphenylamine	ND(0.37)	ND(0.50)	NA	NA	ND(0.43)
N-Nitrosomethylethylamine	ND(0.75)	ND(0.78)	NA	NA	ND(0.87)
N-Nitrosomorpholine	ND(0.37)	ND(0.50)	NA	NA	ND(0.43)
N-Nitrosopiperidine	ND(0.37)	ND(0.50)	NA	NA	ND(0.43)
N-Nitrosopyrrolidine	ND(0.75)	ND(0.78)	NA	NA	ND(0.87)
o,o,o-Triethylphosphorothioate	ND(0.37)	ND(0.50)	NA	NA	ND(0.43)
o-Toluidine	ND(0.37)	ND(0.50)	NA	NA	ND(0.43)
p-Dimethylaminoazobenzene	ND(0.75)	ND(0.78)	NA	NA	ND(0.87)
Pentachlorobenzene	ND(0.37)	ND(0.50)	NA	NA	ND(0.43)
Pentachloroethane	ND(0.37) J	ND(0.010) J	NA	NA	ND(0.43) J
Pentachloronitrobenzene	ND(0.75) J	ND(0.010) J	NA	NA	ND(0.87) J
Pentachlorophenol	ND(1.9)	ND(2.5)	NA	NA	ND(2.2)
Phenacetin	ND(0.75) J	ND(0.010) J	NA	NA	ND(0.87) J
Phenanthrene	1.4	0.78	NA	NA	ND(0.43)
Phenol	ND(0.37)	ND(0.50)	NA	NA	ND(0.43)

ATTACHMENT B
SUPPLEMENTAL PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

SUPPLEMENTAL PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS J AND K REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA15-E15W 1-3 05/03/04	RAA15-E15W 3-6 05/03/04	RAA15-E15W 4-6 05/03/04	RAA15-E15W 10-12 05/03/04	RAA15-E15W 10-15 05/03/04
Semivolatile Organics (continued)					
Pronamide	ND(0.37)	ND(0.50)	NA	NA	ND(0.43)
Pyrene	1.6 J	1.7	NA	NA	0.39 J
Pyridine	ND(0.37)	ND(0.50)	NA	NA	ND(0.43)
Safrole	ND(0.37)	ND(0.50)	NA	NA	ND(0.43)
Thionazin	ND(0.37)	ND(0.50)	NA	NA	ND(0.43)
Furans					
2,3,7,8-TCDF	0.0000067 Y	0.0000053 Y	NA	NA	0.00000040 J
TCDFs (total)	0.000064 Q	0.000043 Q	NA	NA	0.00000040
1,2,3,7,8-PeCDF	0.0000028 Q	0.0000026 Q	NA	NA	ND(0.00000026)
2,3,4,7,8-PeCDF	0.0000063 Q	0.0000037 Q	NA	NA	ND(0.00000024)
PeCDFs (total)	0.000025 Q	0.000017 Q	NA	NA	ND(0.00000019)
1,2,3,4,7,8-HxCDF	0.0000043	0.0000033	NA	NA	0.00000038 J
1,2,3,6,7,8-HxCDF	0.0000027	0.0000016 J	NA	NA	ND(0.00000024)
1,2,3,7,8,9-HxCDF	0.00000039 JQ	0.00000041 JQ	NA	NA	ND(0.00000029)
2,3,4,6,7,8-HxCDF	0.0000049	0.0000026	NA	NA	ND(0.00000024)
HxCDFs (total)	0.000075 Q	0.000042 Q	NA	NA	0.00000065
1,2,3,4,6,7,8-HpCDF	0.000023	0.000016	NA	NA	ND(0.00000024) X
1,2,3,4,7,8,9-HpCDF	0.0000018 J	0.0000012 J	NA	NA	ND(0.00000024)
HpCDFs (total)	0.000067	0.000054	NA	NA	0.00000017
OCDF	0.000030	0.000028	NA	NA	ND(0.00000049)
Dioxins					
2,3,7,8-TCDD	0.00000016 JQ	ND(0.00000014)	NA	NA	ND(0.00000017)
TCDDs (total)	0.0000017 Q	0.00000097 Q	NA	NA	ND(0.00000023)
1,2,3,7,8-PeCDD	0.00000069 JQ	0.00000038 JQ	NA	NA	ND(0.00000024)
PeCDDs (total)	0.0000025 Q	0.0000028 Q	NA	NA	ND(0.00000038)
1,2,3,4,7,8-HxCDD	0.00000044 J	0.00000041 J	NA	NA	ND(0.00000024)
1,2,3,6,7,8-HxCDD	0.0000045	0.0000026	NA	NA	ND(0.00000024)
1,2,3,7,8,9-HxCDD	0.0000014 JQ	0.0000010 J	NA	NA	ND(0.00000024)
HxCDDs (total)	0.000034 Q	0.000012	NA	NA	ND(0.00000030)
1,2,3,4,6,7,8-HpCDD	0.000049	0.000069	NA	NA	0.00000039 J
HpCDDs (total)	0.00010	0.00013	NA	NA	0.00000070
OCDD	0.00039	0.0011	NA	NA	ND(0.0000017)
Total TEQs (WHO TEFs)	0.0000075	0.0000051	NA	NA	0.00000043
Inorganics					
Antimony	ND(6.00)	2.00 B	NA	NA	ND(6.00)
Arsenic	5.20	5.60	NA	NA	2.60
Barium	76.0	77.0	NA	NA	36.0
Beryllium	0.250 B	0.230 B	NA	NA	0.400 B
Cadmium	0.510	0.590	NA	NA	0.550
Chromium	5.80	8.70	NA	NA	15.0
Cobalt	7.10	8.30	NA	NA	7.00
Copper	21.0	22.0	NA	NA	14.0
Cyanide	0.100 B	0.110 B	NA	NA	0.0420 B
Lead	200	140	NA	NA	10.0
Mercury	0.350	0.150	NA	NA	0.250
Nickel	14.0	11.0	NA	NA	11.0
Selenium	ND(1.00) J	ND(1.00) J	NA	NA	0.920 J
Silver	ND(1.00)	0.210 B	NA	NA	ND(1.00)
Sulfide	7.20	7.40	NA	NA	8.30
Thallium	ND(1.10) J	ND(1.20) J	NA	NA	ND(1.30) J
Tin	ND(10)	ND(10)	NA	NA	ND(10)
Vanadium	8.00	7.60	NA	NA	8.70
Zinc	91.0	99.0	NA	NA	45.0

ATTACHMENT B
SUPPLEMENTAL PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

SUPPLEMENTAL PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS J AND K REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Notes:

1. Samples were collected by Blasland Bouck & Lee, Inc., and submitted to CT&E Environmental Services, Inc. for analysis of Appendix IX+3 constituents.
2. Samples have been validated as per Field Sampling Plan/Quality Assurance Project Plan, General Electric Company, Pittsfield, Massachusetts, Blasland Bouck & Lee, Inc. (approved November 4, 2002 and resubmitted December 10, 2002).
3. NA - Not Analyzed.
4. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
5. Total 2,3,7,8-TCDD toxicity equivalents (TEQs) were calculated using Toxicity Equivalency Factors (TEFs) derived by the World Health Organization (WHO) and published by Van den Berg et al. in Environmental Health Perspectives 106(2), December 1998.
6. Field duplicate sample results are presented in brackets.

Data Qualifiers:

Organics (volatiles, semivolatiles, dioxin/furans)

E - Analyte exceeded calibration range.
J - Indicates that the associated numerical value is an estimated concentration.
I - Polychlorinated Diphenyl Ether (PCDPE) Interference.
Q - Indicates the presence of quantitative interferences.
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

B - Indicates an estimated value between the instrument detection limit (IDL) and practical quantitation limit (PQL).
J - Indicates that the associated numerical value is an estimated concentration.

Attachment C

Soil Sampling Data Validation Report for Supplemental Samples

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APPENDIX C
GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

FORMER OXBOWS J AND K SUPPLEMENTAL PRE-DESIGN INVESTIGATION
SOIL SAMPLING DATA VALIDATION REPORT

1.0 General

This appendix summarizes the Tier I and Tier II data reviews performed for soil samples collected during Pre-Design Investigation activities at a portion of Former Oxbows J and K located in Pittsfield, Massachusetts. The samples were analyzed for various constituents listed in Appendix IX of 40 CFR Part 264, plus three additional constituents -- benzidine, 2-chloroethyl vinyl ether, and 1,2-diphenylhydrazine (hereafter referred to as Appendix IX+3), excluding pesticides and herbicides, by CT&E Environmental Services, Inc. of Charleston, West Virginia. Data validation was performed for six polychlorinated biphenyl (PCB) samples, 19 volatile organic compound (VOC) samples, 46 semi-volatile organic compound (SVOC) samples, 16 polychlorinated dibenzo-p-dioxin (PCDD)/polychlorinated dibenzofuran (PCDF) samples, 19 metals samples, and 15 cyanide/sulfide samples.

2.0 Data Evaluation Procedures

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

- *Field Sampling Plan/Quality Assurance Project Plan, General Electric Company, Pittsfield, Massachusetts,* Blasland, Bouck & Lee, Inc. ([BBL]; FSP/QAPP, approved November 4, 2002 and resubmitted December 10, 2002);

- *Region I Tiered Organic and Inorganic Data Validation Guidelines*, USEPA Region I (July 1, 1993);

- *Region I Laboratory Data Validation Functional Guidelines for Evaluating Inorganics Analyses,* USEPA Region I (June 13, 1988) (Modified February 1989);

- *Region I Laboratory Data Validation Functional Guidelines for Evaluating Organics Analyses,* USEPA Region I (February 1, 1988) (Modified November 1, 1988);

- *Region I Laboratory Data Validation Functional Guidelines for Evaluating Organics Analyses*, USEPA Region I (Draft, December 1996); and

- *National Functional Guidelines for Dioxin/Furan Data Validation,* USEPA (Draft, January 1996).

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

The following data qualifiers were used in this data evaluation.

J The compound or analyte was positively identified, but the associated numerical value is an estimated concentration. This qualifier is used when the data evaluation procedure identifies a deficiency in the data generation process. This qualifier is also used when a compound or analyte is detected at estimated concentrations less than the practical quantitation limit (PQL).

U The compound or analyte was analyzed for, but was not detected. The sample quantitation limit is presented and adjusted for dilution and (for solid samples only) percent moisture. Non-detect sample results are presented as ND(PQL) within this report and in Table C-1 for consistency with documents previously prepared for this investigation.

UJ The compound or analyte was not detected above the reported sample quantitation limit. However, the reported limit is approximate and may or may not represent the actual level of quantitation. Non-detect sample results that required qualification are presented as ND(PQL) J within this report and in Table C-1 for consistency with documents previously prepared for this investigation.

R Indicates that the previously reported detection limit or sample result has been rejected due to a major deficiency in the data generation procedure. The data should not be used for any qualitative or quantitative purposes.

3.0 Data Validation Procedures

Section 7.5 of the FSP/QAPP provides that all analytical data will be validated to a Tier I level following the procedures presented in the *Region I Tiered Organic and Inorganic Data Validation Guidelines* (USEPA guidelines). Accordingly, 100% of the analytical data for these investigations were subjected to Tier I review. The Tier I review consisted of a completeness evidence audit, as outlined in the *USEPA Region I CSF Completeness Evidence Audit Program* (USEPA Region I, July 31, 1991), to ensure that all laboratory data and documentation were present. A tabulated summary of the samples subjected to Tier I and Tier II data evaluation is presented below.

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

Parameter	Tier I Only			Tier I &Tier II			Total
	Samples	Duplicates	Blanks	Samples	Duplicates	Blanks	
PCBs	4	1	1	0	0	0	6
VOCs	0	0	0	14	1	4	19
SVOCs	0	0	0	39	3	4	46
PCDDs/PCDFs	4	0	0	10	1	1	16
Metals	0	0	0	17	1	1	19
Cyanide/Sulfide	13	1	1	0	0	0	15
Total	**21**	**2**	**2**	**80**	**6**	**10**	**121**

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

As specified in the FSP/QAPP, approximately 25% of the laboratory sample delivery group packages were randomly chosen to be subjected to Tier II review. A Tier II review was also performed to resolve data usability limitations identified from laboratory qualification of the data during the Tier I data review. The Tier II data review consisted of a review of all data package summary forms for identification of Quality Assurance/Quality Control (QA/QC) deviations and qualification of the data according to the Region I Data Validation Functional Guidelines. Due to the variable sizes of the data packages and the number of data qualification issues identified during the Tier I review, approximately 79% of the data were subjected to a Tier II review. The Tier II review resulted in the qualification of data for several samples due to minor QA/QC deficiencies. Additionally, all field duplicates were examined for relative percent difference (RPD) compliance with the criteria specified in the FSP/QAPP.

When qualification of the sample data was required, the sample results associated with a QA/QC parameter deviation were qualified in accordance with the procedures outlined in USEPA Region I data validation guidance documents. When the data validation process identified several quality control deficiencies, the cumulative effect of the various deficiencies was employed in assigning the final data qualifier. A summary of the QA/QC parameter deviations that resulted in data qualification is presented below for each analytical method.

4.0 Data Review

Initial calibration criterion for organic analyses requires that the average relative response factor (RRF) has a value greater than 0.05. Sample results were qualified as estimated (J) when this criterion was exceeded. The compounds that exceeded initial calibration criterion and the number of samples qualified are presented below.

Analysis Qualified Due to Initial Calibration Deviations

Analysis	Compound	Number of Affected Samples	Qualification
VOCs	1,4-Dioxane	19	J
	2-Butanone	4	J
	Acetone	4	J
	Acetonitrile	19	J
	Acrolein	19	J
	Isobutanol	19	J
	Propionitrile	19	J
SVOCs	4-Nitroquinoline-1-oxide	46	J

Several of the organic compounds (including the compounds presented in the above table detailing RRF deviations) exhibit instrument response factors (RFs) below the USEPA Region I minimum value of 0.05, but meet the analytical method criterion which does not specify minimum RFs for these compounds. These compounds were analyzed by the laboratory at a higher concentration than the compounds that normally exhibit RFs greater than the USEPA Region I minimum value of 0.05 in an effort to demonstrate acceptable response. USEPA Region I guidelines state that non-detect compound results associated with a RF less than the minimum value of 0.05 are to be rejected (R). However, in the case of these select organic compounds, the RF is an inherent problem with the current analytical methodology; therefore, the non-detect sample results were qualified as estimated (J).

Initial calibration criterion for SVOCs requires that the percent relative standard deviation (%RSD) must be less than or equal to 30%. Sample data for detected and non-detected compounds with %RSD values greater than 30% were qualified as estimated (J). The compound that exceeded initial calibration criterion and the number of samples qualified due those exceeded are identified below.

Compound Qualified Due to Initial Calibration %RSD Deviations

Analysis	Compound	Number of Affected Samples	Qualification
SVOCs	4-Nitrophenol	45	J

The continuing calibration criterion requires that the percent difference (%D) between the initial calibration RRF and the continuing calibration RRF for VOCs and SVOCs be less than 25%. Sample data for detected and non-detected compounds with %D values that exceeded the continuing calibration criterion were qualified as estimated (J). A summary of the compounds that exceeded continuing calibration criterion and the number of samples qualified due to those deviations are identified below.

Compounds Qualified Due to Continuing Calibration of %D Values

Analysis	Compound	Number of Affected Samples	Qualification
VOCs	1,1,1,2-Tetrachloroethane	1	J
	Bromoform	3	J
	Carbon Disulfide	4	J
	Iodomethane	1	J
SVOCs	1,2-Diphenylhydrazine	44	J
	1,3,5-Trinitrobenzene	12	J
	1,3-Dinitrobenzene	46	J
	1,4-Naphthoquinone	34	J
	2,6-Dinitrotoluene	12	J
	2-Nitroaniline	46	J
	3-Nitroaniline	14	J
	4-Chlorobenzilate	2	J
	4-Nitroaniline	46	J
	a,a'-Dimethylphenethylamine	32	J
	Benzidine	46	J
	Benzyl Alcohol	43	J
	bis(2-Chloroethyl)ether	14	J
	bis(2-Chloroisopropyl)ether	2	J
	Hexachlorophene	12	J
	Hexachloropropene	32	J
	Isodrin	2	J
	Methapyrilene	32	J
	Methyl Methanesulfonate	32	J
	N-Nitrosodiethylamine	32	J
	o,o,o-Triethylphosphorothioate	2	J
	Pentachloroethane	32	J
	Pentachloronitrobenzene	46	J
	Phenacetin	32	J

Contract required detection limit (CRDL) standards were analyzed to evaluate instrument performance at low-level concentrations that are near the analytical method PQL. These standards are required to have recoveries between 80 and 120% to verify that the analytical instrumentation was properly calibrated. When CRDL standard recoveries exceeded the 80 to 120% control limits, the affected samples with detected results at or near the PQL concentration (less than three times the PQL) were qualified as estimated (J). The analytes that exceeded CRDL criteria and the number of samples qualified due to those deviations are presented below.

Analytes Qualified Due to CRDL Standard Recovery Deviations

Analysis	Analyte	Number of Affected Samples	Qualification
Inorganics	Antimony	4	J
	Selenium	14	J
	Thallium	14	J

Field, laboratory, and method blanks were analyzed to evaluate whether field sampling equipment or laboratory background contamination may have contributed to the reported sample results. When detected analytes were identified in a blank sample, blank action levels were calculated at 10 times the blank concentrations for the common laboratory contaminant compounds (OCDD) and five times the blank concentration for all other detected analytes. Detected sample results that were below the blank action level were qualified as "U." The analytes/compounds detected in the method blanks and the number of samples which resulted in qualification of sample data are presented below.

Analytes/Compounds Qualified Due to Blank Deviations

Analysis	Analyte/Compound	Number of Affected Samples	Qualification
Inorganics	Tin	14	U
PCDDs/PCDFs	1,2,3,6,7,8-HxCDD	1	U
	1,2,3,7,8,9-HxCDD	1	U
	1,2,3,7,8-PeCDD	1	U
	1,2,3,7,8-PeCDF	1	U
	OCDD	3	U
	PeCDFs (total)	2	U

Matrix spike (MS) sample analysis recovery criteria for organics the MS recoveries must be within the laboratory-generated QC acceptance limits specified on the MS reporting form. Sample results that exceeded these limits were qualified as estimated (J). Compounds that did not meet MS recovery criteria and the number of samples qualified due to those deviations are presented below.

Compounds Qualified Due to MS Recovery Deviations

Analysis	Compound	Number of Affected Samples	Qualification
SVOCs	Acenaphthene	1	J
	Pyrene	1	J
	1,2,4-Trichlorobenzene	1	J

MS sample analysis recovery criteria for organics require that the RPD between the MS and matrix spike duplicate (MSD) be less than the laboratory-generated QC acceptance limits specified on the MS reporting form. The compound that exceeded RPD limits and the number of samples qualified due to deviations are presented below.

Compound Qualified Due to MS RPD Deviations

Analysis	Compound	Number of Affected Samples	Qualification
SVOCs	2-Chlorophenol	1	J

Surrogate compounds are analyzed with every organic sample to aid in evaluation of the sample extraction efficiency. As specified in the FSP/QAPP, two of the three SVOC surrogate compounds within each fraction must be within the laboratory-specified control limits. Organic analyses require that, at a minimum, the surrogate recoveries must be greater than 10% or non-detect sample results must be qualified as unusable (R). Sample data for detected and non-detect compounds with surrogate recoveries that exceeded the surrogate recovery criteria and exhibited recoveries greater than 10% were qualified as estimated (J). A summary of the compounds affected by surrogate recovery deviations and the number of samples qualified due to those deviations are shown below.

Compounds Qualified Due to Surrogate Recovery Deviations

Analysis	Compound	Number of Affected Samples	Qualification
SVOCs	2,3,4,6-Tetrachlorophenol	1	R
	2,4,5-Trichlorophenol	1	R
	2,4,6-Trichlorophenol	1	R
	2,4-Dichlorophenol	1	R
	2,4-Dimethylphenol	1	R
	2,4-Dinitrophenol	1	R
	2,6-Dichlorophenol	1	R
	2-Chlorophenol	1	R
	2-Methylphenol	1	R
	2-Nitrophenol	1	R
	3&4-Methylphenol	1	R
	4,6-Dinitro-2-methylphenol	1	R
	4-Chloro-3-Methylphenol	1	R
	4-Nitrophenol	1	R
	Benzyl Alcohol	1	R
	Pentachlorophenol	1	R
	Phenol	1	R

5.0 Overall Data Usability

This section summarizes the analytical data in terms of its completeness and usability for site characterization purposes. Data completeness is defined as the percentage of sample results determined to be usable during the data validation process. Data completeness with respect to usability was calculated separately for inorganic and each of the organic analyses. The percent usability calculation included analyses evaluated under both the Tier I and Tier II data validation reviews. The percent usability calculation also includes quality control samples collected to aid in the evaluation of data usability. Therefore, field/equipment blank, trip blank, and

field duplicate data determined to be unusable as a result of the validation process are represented in the percent usability value tabulated below.

Data Usability

Parameter	Percent Usability	Rejected Data
Inorganics	100	None
Cyanide and Sulfide	100	None
VOCs	100	None
SVOCs	99.8	17 SVOC sample results were rejected due to surrogate recovery deviations.
PCBs	100	None
PCDDs/PCDFs	100	None

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

5.1 Precision

Precision measures the reproducibility of measurements under a given set of conditions. Specifically, it is a quantitative measure of the variability of a group of measurements compared to their average value. For this investigation, precision was defined as the RPD between duplicate sample results. The duplicate samples used to evaluate precision included laboratory duplicates, field duplicates, MS/MSD samples, and ICP serial dilution samples. For this analytical program, 0.01% of the data required qualification for MS/MSD RPD deviations. None of the data required qualification for laboratory duplicate RPD deviations, field duplicate RPD deviations, or ICP serial dilution deviations.

5.2 Accuracy

Accuracy measures the bias in an analytical system or the degree of agreement of a measurement with a known reference value. For this investigation, accuracy was defined as the percent recovery of QA/QC samples that were spiked with a known concentration of an analyte or compound of interest. The QA/QC samples used to evaluate analytical accuracy included instrument calibration, internal standards, Laboratory Control Standards (LCSs), MS/MSD samples, CRDL samples, and surrogate compound recoveries. For this analytical program, 11.7% of the data required qualification for calibration deviations, 0.44% required qualification for CRDL standard recoveries, 0.23% required qualification for surrogate recoveries, and 0.04% required qualification for MS/MSD recoveries. None of the data required qualification for internal standard recoveries or LCS recovery deviations.

5.3 Representativeness

Representativeness expresses the degree to which sample data accurately and precisely represents a characteristic of a population, parameter variations at a sampling point, or an environmental condition. Representativeness is a qualitative parameter which is most concerned with the proper design of the sampling program. The representativeness criterion is best satisfied by making certain that sampling

locations are selected properly and a sufficient number of samples are collected. This parameter has been addressed by collecting samples at locations specified in Agency-approved work plans and by following the procedures for sample collection/analyses described in the FSP/QAPP. Additionally, the analytical program used procedures that were consistent with USEPA-approved analytical methodology. A QA/QC parameter that is an indicator of the representativeness of a sample is holding time. Holding time criteria are established to maintain the samples in a state that is representative of the in-situ field conditions before analysis. For this analytical program, none of the data required qualification for exceeding holding time requirements.

5.4 Comparability

Comparability is a qualitative parameter expressing the confidence with which one data set can be compared with another. This goal was achieved through the use of the standardized techniques for sample collection and analysis presented in the FSP/QAPP. The USEPA SW-846[1] analytical methods presented in the FSP/QAPP are updated on occasion by the USEPA to benefit from recent technological advancements in analytical chemistry and instrumentation. In most cases, the method upgrades include the incorporation of new technology that improves the sensitivity and stability of the instrumentation or allows the laboratory to increase throughput without hindering accuracy and precision. Overall, the analytical methods for this investigation have remained consistent in their general approach through continued use of the basic analytical techniques (e.g., sample extraction/preparation, instrument calibration, QA/QC procedures). Through this use of consistent base analytical procedures and by requiring that updated procedures meet the QA/QC criteria specified in the FSP/QAPP, the analytical data from past, present, and future sampling events will be comparable to allow for qualitative and quantitative assessment of site conditions.

5.5 Completeness

Completeness is defined as the percentage of measurements that are judged to be valid or usable to meet the prescribed DQOs. The completeness criterion is essentially the same for all data uses -- the generation of a sufficient amount of valid data. The actual completeness of this analytical data set ranged from 99.8 to 100% for individual analytical parameters and had an overall usability of 99.9%, which is greater than the minimum required usability of 90% as specified in the FSP/QAPP.

[1] Test Methods for evaluating Solid Waste, SW-846, USEPA, Final Update III, December 1996.

TABLE C-1
ANALYTICAL DATA VALIDATION SUMMARY

FORMER OXBOWS J AND K SUPPLEMENTAL PRE-DESIGN INVESTIGATION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
PCBs											
4E0P034	JKS-DUP-1 (1 - 3)	5/3/2004	Soil	Tier I	No						Duplicate of RAA15-A19SW
4E0P034	RAA15-A19SW (1 - 3)	5/3/2004	Soil	Tier I	No						
4E0P034	RAA15-A19SW (10 - 15	5/3/2004	Soil	Tier I	No						
4E0P034	RAA15-A19SW (3 - 6)	5/3/2004	Soil	Tier I	No						
4E0P034	RAA15-A19SW (6 - 10)	5/3/2004	Soil	Tier I	No						
4E0P034	RB-050304-1 (0 - 0)	5/3/2004	Water	Tier I	No						
Metals											
4E0P034	JKS-DUP-1 (1 - 3)	5/5/2004	Soil	Tier II	Yes	Selenium	CRDL Standard %R	124.4%	80% to 120%	0.730 J	Duplicate of RAA15-A19SW
						Thallium	CRDL Standard %R	77.3%	80% to 120%	ND(1.40) J	
						Tin	Method Blank	-	-	ND(10)	
4E0P034	RAA15-A19SW (0 - 1)	5/3/2004	Soil	Tier II	Yes	Selenium	CRDL Standard %R	124.4%	80% to 120%	0.980 J	
						Thallium	CRDL Standard %R	77.3%	80% to 120%	ND(1.30) J	
						Tin	Method Blank	-	-	ND(10)	
4E0P034	RAA15-A19SW (1 - 3)	5/3/2004	Soil	Tier II	Yes	Selenium	CRDL Standard %R	124.4%	80% to 120%	ND(1.00) J	
						Thallium	CRDL Standard %R	77.3%	80% to 120%	ND(1.30) J	
						Tin	Method Blank	-	-	ND(10)	
4E0P034	RAA15-A19SW (6 - 10)	5/3/2004	Soil	Tier II	Yes	Selenium	CRDL Standard %R	124.4%	80% to 120%	ND(1.10) J	
						Thallium	CRDL Standard %R	77.3%	80% to 120%	ND(1.50) J	
						Tin	Method Blank	-	-	ND(10)	
4E0P034	RAA15-B19S (1 - 3)	5/3/2004	Soil	Tier II	Yes	Selenium	CRDL Standard %R	124.4%	80% to 120%	0.680 J	
						Thallium	CRDL Standard %R	77.3%	80% to 120%	ND(1.30) J	
						Tin	Method Blank	-	-	ND(10)	
4E0P034	RAA15-B19S (10 - 15)	5/3/2004	Soil	Tier II	Yes	Selenium	CRDL Standard %R	124.4%	80% to 120%	0.660 J	
						Thallium	CRDL Standard %R	77.3%	80% to 120%	ND(1.30) J	
						Tin	Method Blank	-	-	ND(10)	
4E0P034	RAA15-E15W (0 - 1)	5/3/2004	Soil	Tier II	Yes	Selenium	CRDL Standard %R	124.4%	80% to 120%	0.890 J	
						Thallium	CRDL Standard %R	77.3%	80% to 120%	ND(1.20) J	
						Tin	Method Blank	-	-	ND(10)	
4E0P034	RAA15-E15W (1 - 3)	5/3/2004	Soil	Tier II	Yes	Selenium	CRDL Standard %R	124.4%	80% to 120%	ND(1.00) J	
						Thallium	CRDL Standard %R	77.3%	80% to 120%	ND(1.10) J	
						Tin	Method Blank	-	-	ND(10)	
4E0P034	RAA15-E15W (10 - 15)	5/3/2004	Soil	Tier II	Yes	Selenium	CRDL Standard %R	124.4%	80% to 120%	0.920 J	
						Thallium	CRDL Standard %R	77.3%	80% to 120%	ND(1.30) J	
						Tin	Method Blank	-	-	ND(10)	
4E0P034	RAA15-E15W (3 - 6)	5/3/2004	Soil	Tier II	Yes	Selenium	CRDL Standard %R	124.4%	80% to 120%	ND(1.00) J	
						Thallium	CRDL Standard %R	77.3%	80% to 120%	ND(1.20) J	
						Tin	Method Blank	-	-	ND(10)	
4E0P034	RB-050304-1 (0 - 0)	5/3/2004	Water	Tier II	No						
4E0P060	RAA15-E15N (0 - 1)	5/4/2004	Soil	Tier II	Yes	Antimony	CRDL Standard %R	130.4%	80% to 120%	1.90 J	
						Selenium	CRDL Standard %R	145.7%	80% to 120%	0.670 J	
						Thallium	CRDL Standard %R	127.1%	80% to 120%	ND(1.10) J	
						Tin	Method Blank	-	-	ND(10)	
4E0P060	RAA15-E15N (1 - 3)	5/4/2004	Soil	Tier II	Yes	Antimony	CRDL Standard %R	130.4%	80% to 120%	1.20 J	
						Selenium	CRDL Standard %R	145.7%	80% to 120%	ND(1.00) J	
						Thallium	CRDL Standard %R	127.1%	80% to 120%	ND(1.10) J	
						Tin	Method Blank	-	-	ND(10)	
4E0P060	RAA15-E15N (3 - 6)	5/4/2004	Soil	Tier II	Yes	Antimony	CRDL Standard %R	130.4%	80% to 120%	1.60 J	
						Selenium	CRDL Standard %R	145.7%	80% to 120%	ND(1.00) J	
						Thallium	CRDL Standard %R	127.1%	80% to 120%	ND(1.10) J	
						Tin	Method Blank	-	-	ND(10)	

TABLE C-1
ANALYTICAL DATA VALIDATION SUMMARY

FORMER OXBOWS J AND K SUPPLEMENTAL PRE-DESIGN INVESTIGATION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
Metals (continued)											
4E0P169	RAA15-C6 (6 - 10)	5/5/2004	Soil	Tier II	Yes	Antimony	CRDL Standard %R	130.4%	80% to 120%	1.90 J	
						Selenium	CRDL Standard %R	145.7%	80% to 120%	ND(1.00) J	
						Thallium	CRDL Standard %R	127.1%	80% to 120%	ND(1.20) J	
						Tin	Method Blank	-	-	ND(10)	
4E0P169	RAA15-E2NE (1 - 3)	5/5/2004	Soil	Tier II	No						
4E0P169	RAA15-E2NW (1 - 3)	5/5/2004	Soil	Tier II	No						
4E0P169	RAA15-E2SE (1 - 3)	5/5/2004	Soil	Tier II	No						
4E0P169	RAA15-E2SW (1 - 3)	5/5/2004	Soil	Tier II	No						
VOCs											
4E0P034	RAA15-A19SW (0 - 1)	5/3/2004	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.13) J	
						Acetonitrile	ICAL RRF	0.030	>0.05	ND(0.13) J	
						Acrolein	ICAL RRF	0.005	>0.05	ND(0.13) J	
						Isobutanol	ICAL RRF	0.014	>0.05	ND(0.13) J	
						Propionitrile	ICAL RRF	0.043	>0.05	ND(0.013) J	
4E0P034	RAA15-A19SW (1 - 3)	5/3/2004	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.13) J	
						Acetonitrile	ICAL RRF	0.030	>0.05	ND(0.13) J	
						Acrolein	ICAL RRF	0.005	>0.05	ND(0.13) J	
						Isobutanol	ICAL RRF	0.014	>0.05	ND(0.13) J	
						Propionitrile	ICAL RRF	0.043	>0.05	ND(0.013) J	
4E0P034	RAA15-A19SW (6 - 8)	5/3/2004	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.14) J	
						Acetonitrile	ICAL RRF	0.030	>0.05	ND(0.14) J	
						Acrolein	ICAL RRF	0.005	>0.05	ND(0.14) J	
						Isobutanol	ICAL RRF	0.014	>0.05	ND(0.14) J	
						Propionitrile	ICAL RRF	0.043	>0.05	ND(0.014) J	
4E0P034	RAA15-B19S (1 - 3)	5/3/2004	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.13) J	
						Acetonitrile	ICAL RRF	0.030	>0.05	ND(0.13) J	
						Acrolein	ICAL RRF	0.005	>0.05	ND(0.13) J	
						Isobutanol	ICAL RRF	0.014	>0.05	ND(0.13) J	
						Propionitrile	ICAL RRF	0.043	>0.05	ND(0.013) J	
4E0P034	RAA15-B19S (10 - 12)	5/3/2004	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.14) J	
						Acetonitrile	ICAL RRF	0.030	>0.05	ND(0.14) J	
						Acrolein	ICAL RRF	0.005	>0.05	ND(0.14) J	
						Isobutanol	ICAL RRF	0.014	>0.05	ND(0.14) J	
						Propionitrile	ICAL RRF	0.043	>0.05	ND(0.014) J	
4E0P034	RAA15-E15W (0 - 1)	5/3/2004	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.12) J	
						Acetonitrile	ICAL RRF	0.030	>0.05	ND(0.12) J	
						Acrolein	ICAL RRF	0.005	>0.05	ND(0.12) J	
						Isobutanol	ICAL RRF	0.014	>0.05	ND(0.12) J	
						Propionitrile	ICAL RRF	0.043	>0.05	ND(0.012) J	
4E0P034	RAA15-E15W (1 - 3)	5/3/2004	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.11) J	Duplicate of RAA15-E15N
						Acetonitrile	ICAL RRF	0.030	>0.05	ND(0.11) J	
						Acrolein	ICAL RRF	0.005	>0.05	ND(0.11) J	
						Isobutanol	ICAL RRF	0.014	>0.05	ND(0.11) J	
						Propionitrile	ICAL RRF	0.043	>0.05	ND(0.011) J	
4E0P034	RAA15-E15W (10 - 12)	5/3/2004	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.11) J	
						Acetonitrile	ICAL RRF	0.030	>0.05	ND(0.11) J	
						Acrolein	ICAL RRF	0.005	>0.05	ND(0.11) J	
						Isobutanol	ICAL RRF	0.014	>0.05	ND(0.11) J	
						Propionitrile	ICAL RRF	0.043	>0.05	ND(0.011) J	
4E0P034	RAA15-E15W (4 - 6)	5/3/2004	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.14) J	
						Acetonitrile	ICAL RRF	0.030	>0.05	ND(0.14) J	
						Acrolein	ICAL RRF	0.005	>0.05	ND(0.14) J	
						Isobutanol	ICAL RRF	0.014	>0.05	ND(0.14) J	
						Propionitrile	ICAL RRF	0.043	>0.05	ND(0.014) J	

TABLE C-1
ANALYTICAL DATA VALIDATION SUMMARY

FORMER OXBOWS J AND K SUPPLEMENTAL PRE-DESIGN INVESTIGATION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
VOCs (continued)											
4E0P034	RB-050304-1 (0 - 0)	5/3/2004	Water	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.001	>0.05	ND(0.20) J	
						2-Butanone	ICAL RRF	0.037	>0.05	ND(0.010) J	
						Acetone	ICAL RRF	0.049	>0.05	ND(0.010) J	
						Acetonitrile	ICAL RRF	0.037	>0.05	ND(0.10) J	
						Acrolein	ICAL RRF	0.001	>0.05	ND(0.10) J	
						Bromoform	CCAL %D	29.6%	<25%	ND(0.0050) J	
						Carbon Disulfide	CCAL %D	29.6%	<25%	ND(0.0050) J	
						Isobutanol	ICAL RRF	0.011	>0.05	ND(0.10) J	
						Propionitrile	ICAL RRF	0.018	>0.05	ND(0.010) J	
4E0P034	TRIP BLANK	5/3/2004	Water	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.001	>0.05	ND(0.20) J	
						2-Butanone	ICAL RRF	0.037	>0.05	ND(0.010) J	
						Acetone	ICAL RRF	0.049	>0.05	ND(0.010) J	
						Acetonitrile	ICAL RRF	0.037	>0.05	ND(0.10) J	
						Acrolein	ICAL RRF	0.001	>0.05	ND(0.10) J	
						Bromoform	CCAL %D	29.6%	<25%	ND(0.0050) J	
						Carbon Disulfide	CCAL %D	29.6%	<25%	ND(0.0050) J	
						Isobutanol	ICAL RRF	0.011	>0.05	ND(0.10) J	
						Propionitrile	ICAL RRF	0.018	>0.05	ND(0.010) J	
4E0P060	JKS-DUP-2 (0 - 1)	5/4/2004	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.11) J	
						Acetonitrile	ICAL RRF	0.030	>0.05	ND(0.11) J	
						Acrolein	ICAL RRF	0.005	>0.05	ND(0.11) J	
						Isobutanol	ICAL RRF	0.014	>0.05	ND(0.11) J	
						Propionitrile	ICAL RRF	0.043	>0.05	ND(0.011) J	
4E0P060	RAA15-E15N (0 - 1)	5/4/2004	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.11) J	
						Acetonitrile	ICAL RRF	0.030	>0.05	ND(0.11) J	
						Acrolein	ICAL RRF	0.005	>0.05	ND(0.11) J	
						Isobutanol	ICAL RRF	0.014	>0.05	ND(0.11) J	
						Propionitrile	ICAL RRF	0.043	>0.05	ND(0.011) J	
4E0P060	RAA15-E15N (1 - 3)	5/4/2004	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.11) J	
						Acetonitrile	ICAL RRF	0.030	>0.05	ND(0.11) J	
						Acrolein	ICAL RRF	0.005	>0.05	ND(0.11) J	
						Isobutanol	ICAL RRF	0.014	>0.05	ND(0.11) J	
						Propionitrile	ICAL RRF	0.043	>0.05	ND(0.011) J	
4E0P060	RAA15-E15N (4 - 6)	5/4/2004	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.11) J	
						Acetonitrile	ICAL RRF	0.030	>0.05	ND(0.11) J	
						Acrolein	ICAL RRF	0.005	>0.05	ND(0.11) J	
						Isobutanol	ICAL RRF	0.014	>0.05	ND(0.11) J	
						Propionitrile	ICAL RRF	0.043	>0.05	ND(0.011) J	
4E0P060	RAA15-E15N (8 - 10)	5/4/2004	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.11) J	
						Acetonitrile	ICAL RRF	0.030	>0.05	ND(0.11) J	
						Acrolein	ICAL RRF	0.005	>0.05	ND(0.11) J	
						Isobutanol	ICAL RRF	0.014	>0.05	ND(0.11) J	
						Propionitrile	ICAL RRF	0.043	>0.05	ND(0.011) J	
4E0P060	TRIP BLANK	5/4/2004	Water	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.001	>0.05	ND(0.20) J	
						2-Butanone	ICAL RRF	0.037	>0.05	ND(0.010) J	
						Acetone	ICAL RRF	0.049	>0.05	ND(0.010) J	
						Acetonitrile	ICAL RRF	0.037	>0.05	ND(0.10) J	
						Acrolein	ICAL RRF	0.001	>0.05	ND(0.10) J	
						Bromoform	CCAL %D	29.6%	<25%	ND(0.0050) J	
						Carbon Disulfide	CCAL %D	29.6%	<25%	ND(0.0050) J	
						Isobutanol	ICAL RRF	0.011	>0.05	ND(0.10) J	
						Propionitrile	ICAL RRF	0.018	>0.05	ND(0.010) J	

TABLE C-1
ANALYTICAL DATA VALIDATION SUMMARY

FORMER OXBOWS J AND K SUPPLEMENTAL PRE-DESIGN INVESTIGATION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
VOCs (continued)											
4E0P169	RAA15-C6 (6 - 8)	5/5/2004	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.12) J	
						Acetonitrile	ICAL RRF	0.030	>0.05	ND(0.12) J	
						Acrolein	ICAL RRF	0.005	>0.05	ND(0.12) J	
						Isobutanol	ICAL RRF	0.014	>0.05	ND(0.12) J	
						Propionitrile	ICAL RRF	0.043	>0.05	ND(0.012) J	
4E0P169	TRIP BLANK	5/5/2004	Water	Tier II	Yes	1,1,1,2-Tetrachloroethane	CCAL %D	34.4%	<25%	ND(0.0050) J	
						1,4-Dioxane	ICAL RRF	0.001	>0.05	ND(0.20) J	
						2-Butanone	ICAL RRF	0.037	>0.05	ND(0.010) J	
						Acetone	ICAL RRF	0.049	>0.05	ND(0.010) J	
						Acetonitrile	ICAL RRF	0.037	>0.05	ND(0.10) J	
						Acrolein	ICAL RRF	0.001	>0.05	ND(0.10) J	
						Carbon Disulfide	CCAL %D	35.6%	<25%	ND(0.0050) J	
						Iodomethane	CCAL %D	29.2%	<25%	ND(0.0050) J	
						Isobutanol	ICAL RRF	0.011	>0.05	ND(0.10) J	
						Propionitrile	ICAL RRF	0.018	>0.05	ND(0.010) J	
SVOCs											
4E0P034	JKS-DUP-1 (1 - 3)	5/3/2004	Soil	Tier II	Yes	1,2-Diphenylhydrazine	CCAL %D	63.8%	<25%	ND(0.45) J	Duplicate of RAA15-A19SW
						1,3-Dinitrobenzene	CCAL %D	31.3%	<25%	ND(0.90) J	
						1,4-Naphthoquinone	CCAL %D	34.1%	<25%	ND(0.90) J	
						2-Nitroaniline	CCAL %D	66.4%	<25%	ND(2.3) J	
						4-Nitroaniline	CCAL %D	37.9%	<25%	ND(2.3) J	
						4-Nitrophenol	ICAL %RSD	37.0%	<30%	ND(2.3) J	
						4-Nitroquinoline-1-oxide	ICAL RRF	0.034	>0.05	ND(0.90) J	
						a,a'-Dimethylphenethylamine	CCAL %D	32.2%	<25%	ND(0.90) J	
						Benzidine	CCAL %D	29.0%	<25%	ND(0.90) J	
						Benzyl Alcohol	CCAL %D	37.6%	<25%	ND(0.90) J	
						Hexachloropropene	CCAL %D	27.9%	<25%	ND(0.45) J	
						Methapyrilene	CCAL %D	36.8%	<25%	ND(0.90) J	
						Methyl Methanesulfonate	CCAL %D	34.1%	<25%	ND(0.45) J	
						N-Nitrosodiethylamine	CCAL %D	27.7%	<25%	ND(0.45) J	
						Pentachloroethane	CCAL %D	26.2%	<25%	ND(0.45) J	
						Pentachloronitrobenzene	CCAL %D	29.9%	<25%	ND(0.90) J	
						Phenacetin	CCAL %D	29.4%	<25%	ND(0.90) J	
4E0P034	RAA15-A19SW (0 - 1)	5/3/2004	Soil	Tier II	Yes	1,2-Diphenylhydrazine	CCAL %D	63.8%	<25%	ND(0.44) J	
						1,3-Dinitrobenzene	CCAL %D	31.3%	<25%	ND(0.88) J	
						1,4-Naphthoquinone	CCAL %D	34.1%	<25%	ND(0.88) J	
						2-Nitroaniline	CCAL %D	66.4%	<25%	ND(2.2) J	
						4-Nitroaniline	CCAL %D	37.9%	<25%	ND(2.2) J	
						4-Nitrophenol	ICAL %RSD	37.0%	<30%	ND(2.2) J	
						4-Nitroquinoline-1-oxide	ICAL RRF	0.034	>0.05	ND(0.88) J	
						a,a'-Dimethylphenethylamine	CCAL %D	32.2%	<25%	ND(0.88) J	
						Benzidine	CCAL %D	29.0%	<25%	ND(0.88) J	
						Benzyl Alcohol	CCAL %D	37.6%	<25%	ND(0.88) J	
						Hexachloropropene	CCAL %D	27.9%	<25%	ND(0.44) J	
						Methapyrilene	CCAL %D	36.8%	<25%	ND(0.88) J	
						Methyl Methanesulfonate	CCAL %D	34.1%	<25%	ND(0.44) J	
						N-Nitrosodiethylamine	CCAL %D	27.7%	<25%	ND(0.44) J	
						Pentachloroethane	CCAL %D	26.2%	<25%	ND(0.44) J	
						Pentachloronitrobenzene	CCAL %D	29.9%	<25%	ND(0.88) J	
						Phenacetin	CCAL %D	29.4%	<25%	ND(0.88) J	

TABLE C-1
ANALYTICAL DATA VALIDATION SUMMARY

FORMER OXBOWS J AND K SUPPLEMENTAL PRE-DESIGN INVESTIGATION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continued)											
4E0P034	RAA15-A19SW (1 - 3)	5/3/2004	Soil	Tier II	Yes	1,2-Diphenylhydrazine	CCAL %D	63.8%	<25%	ND(0.43) J	
						1,3-Dinitrobenzene	CCAL %D	31.3%	<25%	ND(0.87) J	
						1,4-Naphthoquinone	CCAL %D	34.1%	<25%	ND(0.87) J	
						2-Nitroaniline	CCAL %D	66.4%	<25%	ND(2.2) J	
						4-Nitroaniline	CCAL %D	37.9%	<25%	ND(2.2) J	
						4-Nitrophenol	ICAL %RSD	37.0%	<30%	ND(2.2) J	
						4-Nitroquinoline-1-oxide	ICAL RRF	0.034	>0.05	ND(0.87) J	
						a,a'-Dimethylphenethylamine	CCAL %D	32.2%	<25%	ND(0.87) J	
						Benzidine	CCAL %D	29.0%	<25%	ND(0.87) J	
						Benzyl Alcohol	CCAL %D	37.6%	<25%	ND(0.87) J	
						Hexachloropropene	CCAL %D	27.9%	<25%	ND(0.43) J	
						Methapyrilene	CCAL %D	36.8%	<25%	ND(0.87) J	
						Methyl Methanesulfonate	CCAL %D	34.1%	<25%	ND(0.43) J	
						N-Nitrosodiethylamine	CCAL %D	27.7%	<25%	ND(0.43) J	
						Pentachloroethane	CCAL %D	26.2%	<25%	ND(0.43) J	
						Pentachloronitrobenzene	CCAL %D	29.9%	<25%	ND(0.87) J	
						Phenacetin	CCAL %D	29.4%	<25%	ND(0.87) J	
4E0P034	RAA15-A19SW (3 - 6)	5/3/2004	Soil	Tier II	Yes	1,2-Diphenylhydrazine	CCAL %D	63.8%	<25%	ND(0.98) J	
						1,3-Dinitrobenzene	CCAL %D	31.3%	<25%	ND(1.0) J	
						1,4-Naphthoquinone	CCAL %D	34.1%	<25%	ND(1.0) J	
						2-Nitroaniline	CCAL %D	66.4%	<25%	ND(4.9) J	
						4-Nitroaniline	CCAL %D	37.9%	<25%	ND(2.6) J	
						4-Nitrophenol	ICAL %RSD	37.0%	<30%	ND(4.9) J	
						4-Nitroquinoline-1-oxide	ICAL RRF	0.034	>0.05	ND(1.0) J	
						a,a'-Dimethylphenethylamine	CCAL %D	32.2%	<25%	ND(1.0) J	
						Benzidine	CCAL %D	29.0%	<25%	ND(2.0) J	
						Benzyl Alcohol	CCAL %D	37.6%	<25%	ND(2.0) J	
						Hexachloropropene	CCAL %D	27.9%	<25%	ND(0.98) J	
						Methapyrilene	CCAL %D	36.8%	<25%	ND(1.0) J	
						Methyl Methanesulfonate	CCAL %D	34.1%	<25%	ND(0.98) J	
						N-Nitrosodiethylamine	CCAL %D	27.7%	<25%	ND(0.98) J	
						Pentachloroethane	CCAL %D	26.2%	<25%	ND(0.98) J	
						Pentachloronitrobenzene	CCAL %D	29.9%	<25%	ND(1.0) J	
						Phenacetin	CCAL %D	29.4%	<25%	ND(1.0) J	
4E0P034	RAA15-A19SW (6 - 10)	5/3/2004	Soil	Tier II	Yes	1,2-Diphenylhydrazine	CCAL %D	63.8%	<25%	ND(0.56) J	
						1,3-Dinitrobenzene	CCAL %D	31.3%	<25%	ND(1.0) J	
						1,4-Naphthoquinone	CCAL %D	34.1%	<25%	ND(1.0) J	
						2-Nitroaniline	CCAL %D	66.4%	<25%	ND(2.8) J	
						4-Nitroaniline	CCAL %D	37.9%	<25%	ND(2.6) J	
						4-Nitrophenol	ICAL %RSD	37.0%	<30%	ND(2.8) J	
						4-Nitroquinoline-1-oxide	ICAL RRF	0.034	>0.05	ND(1.0) J	
						a,a'-Dimethylphenethylamine	CCAL %D	32.2%	<25%	ND(1.0) J	
						Benzidine	CCAL %D	29.0%	<25%	ND(1.1) J	
						Benzyl Alcohol	CCAL %D	37.6%	<25%	ND(1.1) J	
						Hexachloropropene	CCAL %D	27.9%	<25%	ND(0.56) J	
						Methapyrilene	CCAL %D	36.8%	<25%	ND(1.0) J	
						Methyl Methanesulfonate	CCAL %D	34.1%	<25%	ND(0.56) J	
						N-Nitrosodiethylamine	CCAL %D	27.7%	<25%	ND(0.56) J	
						Pentachloroethane	CCAL %D	26.2%	<25%	ND(0.56) J	
						Pentachloronitrobenzene	CCAL %D	29.9%	<25%	ND(1.0) J	
						Phenacetin	CCAL %D	29.4%	<25%	ND(1.0) J	

TABLE C-1
ANALYTICAL DATA VALIDATION SUMMARY

FORMER OXBOWS J AND K SUPPLEMENTAL PRE-DESIGN INVESTIGATION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continued)											
4E0P034	RAA15-B19S (1 - 3)	5/3/2004	Soil	Tier II	Yes	1,2-Diphenylhydrazine	CCAL %D	63.8%	<25%	ND(0.49) J	
						1,3-Dinitrobenzene	CCAL %D	31.3%	<25%	ND(0.90) J	
						1,4-Naphthoquinone	CCAL %D	34.1%	<25%	ND(0.90) J	
						2-Nitroaniline	CCAL %D	66.4%	<25%	ND(2.4) J	
						4-Nitroaniline	CCAL %D	37.9%	<25%	ND(2.3) J	
						4-Nitrophenol	ICAL %RSD	37.0%	<30%	ND(2.4) J	
						4-Nitroquinoline-1-oxide	ICAL RRF	0.034	>0.05	ND(0.90) J	
						a,a'-Dimethylphenethylamine	CCAL %D	32.2%	<25%	ND(0.90) J	
						Benzidine	CCAL %D	29.0%	<25%	ND(0.98) J	
						Benzyl Alcohol	CCAL %D	37.6%	<25%	ND(0.98) J	
						Hexachloropropene	CCAL %D	27.9%	<25%	ND(0.49) J	
						Methapyrilene	CCAL %D	36.8%	<25%	ND(0.90) J	
						Methyl Methanesulfonate	CCAL %D	34.1%	<25%	ND(0.49) J	
						N-Nitrosodiethylamine	CCAL %D	27.7%	<25%	ND(0.49) J	
						Pentachloroethane	CCAL %D	26.2%	<25%	ND(0.49) J	
						Pentachloronitrobenzene	CCAL %D	29.9%	<25%	ND(0.90) J	
						Phenacetin	CCAL %D	29.4%	<25%	ND(0.90) J	
4E0P034	RAA15-B19S (10 - 15)	5/3/2004	Soil	Tier II	Yes	1,2-Diphenylhydrazine	CCAL %D	63.8%	<25%	ND(0.52) J	
						1,3-Dinitrobenzene	CCAL %D	31.3%	<25%	ND(0.87) J	
						1,4-Naphthoquinone	CCAL %D	34.1%	<25%	ND(0.87) J	
						2-Nitroaniline	CCAL %D	66.4%	<25%	ND(2.6) J	
						4-Nitroaniline	CCAL %D	37.9%	<25%	ND(2.2) J	
						4-Nitrophenol	ICAL %RSD	37.0%	<30%	ND(2.6) J	
						4-Nitroquinoline-1-oxide	ICAL RRF	0.034	>0.05	ND(0.87) J	
						a,a'-Dimethylphenethylamine	CCAL %D	32.2%	<25%	ND(0.87) J	
						Benzidine	CCAL %D	29.0%	<25%	ND(1.0) J	
						Benzyl Alcohol	CCAL %D	37.6%	<25%	ND(1.0) J	
						Hexachloropropene	CCAL %D	27.9%	<25%	ND(0.52) J	
						Methapyrilene	CCAL %D	36.8%	<25%	ND(0.87) J	
						Methyl Methanesulfonate	CCAL %D	34.1%	<25%	ND(0.52) J	
						N-Nitrosodiethylamine	CCAL %D	27.7%	<25%	ND(0.52) J	
						Pentachloroethane	CCAL %D	26.2%	<25%	ND(0.52) J	
						Pentachloronitrobenzene	CCAL %D	29.9%	<25%	ND(0.87) J	
						Phenacetin	CCAL %D	29.4%	<25%	ND(0.87) J	
4E0P034	RAA15-E15W (0 - 1)	5/3/2004	Soil	Tier II	Yes	1,2-Diphenylhydrazine	CCAL %D	63.8%	<25%	ND(0.39) J	
						1,3-Dinitrobenzene	CCAL %D	31.3%	<25%	ND(0.78) J	
						1,4-Naphthoquinone	CCAL %D	34.1%	<25%	ND(0.78) J	
						2-Nitroaniline	CCAL %D	66.4%	<25%	ND(2.0) J	
						4-Nitroaniline	CCAL %D	37.9%	<25%	ND(2.0) J	
						4-Nitrophenol	ICAL %RSD	37.0%	<30%	ND(2.0) J	
						4-Nitroquinoline-1-oxide	ICAL RRF	0.034	>0.05	ND(0.78) J	
						a,a'-Dimethylphenethylamine	CCAL %D	32.2%	<25%	ND(0.78) J	
						Benzidine	CCAL %D	29.0%	<25%	ND(0.78) J	
						Benzyl Alcohol	CCAL %D	37.6%	<25%	ND(0.78) J	
						Hexachloropropene	CCAL %D	27.9%	<25%	ND(0.39) J	
						Methapyrilene	CCAL %D	36.8%	<25%	ND(0.78) J	
						Methyl Methanesulfonate	CCAL %D	34.1%	<25%	ND(0.39) J	
						N-Nitrosodiethylamine	CCAL %D	27.7%	<25%	ND(0.39) J	
						Pentachloroethane	CCAL %D	26.2%	<25%	ND(0.39) J	
						Pentachloronitrobenzene	CCAL %D	29.9%	<25%	ND(0.78) J	
						Phenacetin	CCAL %D	29.4%	<25%	ND(0.78) J	

TABLE C-1
ANALYTICAL DATA VALIDATION SUMMARY

FORMER OXBOWS J AND K SUPPLEMENTAL PRE-DESIGN INVESTIGATION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continued)											
4E0P034	RAA15-E15W (1 - 3)	5/3/2004	Soil	Tier II	Yes	1,2,4-Trichlorobenzene	MSD %R	25.0%	38.0% to 107.0%	ND(0.37) J	
						1,2-Diphenylhydrazine	CCAL %D	63.8%	<25%	ND(0.37) J	
						1,3-Dinitrobenzene	CCAL %D	31.3%	<25%	ND(0.75) J	
						1,4-Naphthoquinone	CCAL %D	34.1%	<25%	ND(0.75) J	
						2-Chlorophenol	MS/MSD RPD	60.0%	<50%	ND(0.37) J	
						2-Nitroaniline	CCAL %D	66.4%	<25%	ND(1.9) J	
						4-Nitroaniline	CCAL %D	37.9%	<25%	ND(1.9) J	
						4-Nitrophenol	ICAL %RSD	37.0%	<30%	ND(1.9) J	
						4-Nitroquinoline-1-oxide	ICAL RRF	0.034	>0.05	ND(0.75) J	
						a,a'-Dimethylphenethylamine	CCAL %D	32.2%	<25%	ND(0.75) J	
						Acenaphthene	MS %R	917.0%	31.0% to 137.0%	0.12 J	
						Benzidine	CCAL %D	29.0%	<25%	ND(0.75) J	
						Benzyl Alcohol	CCAL %D	37.6%	<25%	ND(0.75) J	
						Hexachloropropene	CCAL %D	27.9%	<25%	ND(0.37) J	
						Methapyrilene	CCAL %D	36.8%	<25%	ND(0.75) J	
						Methyl Methanesulfonate	CCAL %D	34.1%	<25%	ND(0.37) J	
						N-Nitrosodiethylamine	CCAL %D	27.7%	<25%	ND(0.37) J	
						Pentachloroethane	CCAL %D	26.2%	<25%	ND(0.37) J	
						Pentachloronitrobenzene	CCAL %D	29.9%	<25%	ND(0.75) J	
						Phenacetin	CCAL %D	29.4%	<25%	ND(0.75) J	
						Pyrene	MS %R	36.0%	35.0% to 142.0%	1.6 J	
4E0P034	RAA15-E15W (10 - 15)	5/3/2004	Soil	Tier II	Yes	1,2-Diphenylhydrazine	CCAL %D	63.8%	<25%	ND(0.43) J	
						1,3-Dinitrobenzene	CCAL %D	31.3%	<25%	ND(0.87) J	
						1,4-Naphthoquinone	CCAL %D	34.1%	<25%	ND(0.87) J	
						2-Nitroaniline	CCAL %D	66.4%	<25%	ND(2.2) J	
						4-Nitroaniline	CCAL %D	37.9%	<25%	ND(2.2) J	
						4-Nitrophenol	ICAL %RSD	37.0%	<30%	ND(2.2) J	
						4-Nitroquinoline-1-oxide	ICAL RRF	0.034	>0.05	ND(0.87) J	
						a,a'-Dimethylphenethylamine	CCAL %D	32.2%	<25%	ND(0.87) J	
						Benzidine	CCAL %D	29.0%	<25%	ND(0.87) J	
						Benzyl Alcohol	CCAL %D	37.6%	<25%	ND(0.87) J	
						Hexachloropropene	CCAL %D	27.9%	<25%	ND(0.43) J	
						Methapyrilene	CCAL %D	36.8%	<25%	ND(0.87) J	
						Methyl Methanesulfonate	CCAL %D	34.1%	<25%	ND(0.43) J	
						N-Nitrosodiethylamine	CCAL %D	27.7%	<25%	ND(0.43) J	
						Pentachloroethane	CCAL %D	26.2%	<25%	ND(0.43) J	
						Pentachloronitrobenzene	CCAL %D	29.9%	<25%	ND(0.87) J	
						Phenacetin	CCAL %D	29.4%	<25%	ND(0.87) J	

TABLE C-1
ANALYTICAL DATA VALIDATION SUMMARY

FORMER OXBOWS J AND K SUPPLEMENTAL PRE-DESIGN INVESTIGATION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continued)											
4E0P034	RAA15-E15W (3 - 6)	5/3/2004	Soil	Tier II	Yes	1,2-Diphenylhydrazine	CCAL %D	63.8%	<25%	ND(0.010) J	
						1,3-Dinitrobenzene	CCAL %D	31.3%	<25%	ND(0.010) J	
						1,4-Naphthoquinone	CCAL %D	34.1%	<25%	ND(0.010) J	
						2-Nitroaniline	CCAL %D	66.4%	<25%	ND(0.050) J	
						4-Nitroaniline	CCAL %D	37.9%	<25%	ND(0.050) J	
						4-Nitrophenol	ICAL %RSD	37.0%	<30%	ND(0.050) J	
						4-Nitroquinoline-1-oxide	ICAL RRF	0.034	>0.05	ND(0.010) J	
						a,a'-Dimethylphenethylamine	CCAL %D	32.2%	<25%	ND(0.010) J	
						Benzidine	CCAL %D	29.0%	<25%	ND(0.020) J	
						Benzyl Alcohol	CCAL %D	37.6%	<25%	ND(0.020) J	
						Hexachloropropene	CCAL %D	27.9%	<25%	ND(0.010) J	
						Methapyrilene	CCAL %D	36.8%	<25%	ND(0.010) J	
						Methyl Methanesulfonate	CCAL %D	34.1%	<25%	ND(0.010) J	
						N-Nitrosodiethylamine	CCAL %D	27.7%	<25%	ND(0.010) J	
						Pentachloroethane	CCAL %D	26.2%	<25%	ND(0.010) J	
						Pentachloronitrobenzene	CCAL %D	29.9%	<25%	ND(0.010) J	
						Phenacetin	CCAL %D	29.4%	<25%	ND(0.010) J	
4E0P034	RB-050304-1 (0 - 0)	5/3/2004	Soil	Tier II	Yes	1,2-Diphenylhydrazine	CCAL %D	63.8%	<25%	ND(0.010) J	
						1,3-Dinitrobenzene	CCAL %D	31.3%	<25%	ND(0.010) J	
						1,4-Naphthoquinone	CCAL %D	34.1%	<25%	ND(0.010) J	
						2-Nitroaniline	CCAL %D	66.4%	<25%	ND(0.050) J	
						4-Nitroaniline	CCAL %D	37.9%	<25%	ND(0.050) J	
						4-Nitrophenol	ICAL %RSD	37.0%	<30%	ND(0.050) J	
						4-Nitroquinoline-1-oxide	ICAL RRF	0.034	>0.05	ND(0.010) J	
						a,a'-Dimethylphenethylamine	CCAL %D	32.2%	<25%	ND(0.010) J	
						Benzidine	CCAL %D	29.0%	<25%	ND(0.020) J	
						Benzyl Alcohol	CCAL %D	37.6%	<25%	ND(0.020) J	
						Hexachloropropene	CCAL %D	27.9%	<25%	ND(0.010) J	
						Methapyrilene	CCAL %D	36.8%	<25%	ND(0.010) J	
						Methyl Methanesulfonate	CCAL %D	34.1%	<25%	ND(0.010) J	
						N-Nitrosodiethylamine	CCAL %D	27.7%	<25%	ND(0.010) J	
						Pentachloroethane	CCAL %D	26.2%	<25%	ND(0.010) J	
						Pentachloronitrobenzene	CCAL %D	29.9%	<25%	ND(0.010) J	
						Phenacetin	CCAL %D	29.4%	<25%	ND(0.010) J	
4E0P060	JKS-DUP-3 (1 - 3)	5/4/2004	Soil	Tier II	Yes	1,2-Diphenylhydrazine	CCAL %D	63.8%	<25%	ND(0.37) J	Duplicate of RAA15-A19NW
						1,3-Dinitrobenzene	CCAL %D	31.3%	<25%	ND(0.75) J	
						1,4-Naphthoquinone	CCAL %D	34.1%	<25%	ND(0.75) J	
						2-Nitroaniline	CCAL %D	66.4%	<25%	ND(1.9) J	
						4-Nitroaniline	CCAL %D	37.9%	<25%	ND(1.9) J	
						4-Nitrophenol	ICAL %RSD	37.0%	<30%	ND(1.9) J	
						4-Nitroquinoline-1-oxide	ICAL RRF	0.034	>0.05	ND(0.75) J	
						a,a'-Dimethylphenethylamine	CCAL %D	32.2%	<25%	ND(0.75) J	
						Benzidine	CCAL %D	29.0%	<25%	ND(0.75) J	
						Benzyl Alcohol	CCAL %D	37.6%	<25%	ND(0.75) J	
						Hexachloropropene	CCAL %D	27.9%	<25%	ND(0.37) J	
						Methapyrilene	CCAL %D	36.8%	<25%	ND(0.75) J	
						Methyl Methanesulfonate	CCAL %D	34.1%	<25%	ND(0.37) J	
						N-Nitrosodiethylamine	CCAL %D	27.7%	<25%	ND(0.37) J	
						Pentachloroethane	CCAL %D	26.2%	<25%	ND(0.37) J	
						Pentachloronitrobenzene	CCAL %D	29.9%	<25%	ND(0.75) J	
						Phenacetin	CCAL %D	29.4%	<25%	ND(0.75) J	

TABLE C-1
ANALYTICAL DATA VALIDATION SUMMARY

FORMER OXBOWS J AND K SUPPLEMENTAL PRE-DESIGN INVESTIGATION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continued)											
4E0P060	RAA15-A19NE (1 - 3)	5/4/2004	Soil	Tier II	Yes	1,2-Diphenylhydrazine	CCAL %D	63.8%	<25%	ND(0.38) J	
						1,3-Dinitrobenzene	CCAL %D	31.3%	<25%	ND(0.77) J	
						1,4-Naphthoquinone	CCAL %D	34.1%	<25%	ND(0.77) J	
						2-Nitroaniline	CCAL %D	66.4%	<25%	ND(1.9) J	
						4-Nitroaniline	CCAL %D	37.9%	<25%	ND(1.9) J	
						4-Nitrophenol	ICAL %RSD	37.0%	<30%	ND(1.9) J	
						4-Nitroquinoline-1-oxide	ICAL RRF	0.034	>0.05	ND(0.77) J	
						a,a'-Dimethylphenethylamine	CCAL %D	32.2%	<25%	ND(0.77) J	
						Benzidine	CCAL %D	29.0%	<25%	ND(0.77) J	
						Benzyl Alcohol	CCAL %D	37.6%	<25%	ND(0.77) J	
						Hexachloropropene	CCAL %D	27.9%	<25%	ND(0.38) J	
						Methapyrilene	CCAL %D	36.8%	<25%	ND(0.77) J	
						Methyl Methanesulfonate	CCAL %D	34.1%	<25%	ND(0.38) J	
						N-Nitrosodiethylamine	CCAL %D	27.7%	<25%	ND(0.38) J	
						Pentachloroethane	CCAL %D	26.2%	<25%	ND(0.38) J	
						Pentachloronitrobenzene	CCAL %D	29.9%	<25%	ND(0.77) J	
						Phenacetin	CCAL %D	29.4%	<25%	ND(0.77) J	
4E0P060	RAA15-A19NE (3 - 6)	5/4/2004	Soil	Tier II	Yes	1,2-Diphenylhydrazine	CCAL %D	63.8%	<25%	ND(0.37) J	
						1,3-Dinitrobenzene	CCAL %D	31.3%	<25%	ND(0.74) J	
						1,4-Naphthoquinone	CCAL %D	34.1%	<25%	ND(0.74) J	
						2-Nitroaniline	CCAL %D	66.4%	<25%	ND(1.9) J	
						4-Nitroaniline	CCAL %D	37.9%	<25%	ND(1.9) J	
						4-Nitrophenol	ICAL %RSD	37.0%	<30%	ND(1.9) J	
						4-Nitroquinoline-1-oxide	ICAL RRF	0.034	>0.05	ND(0.74) J	
						a,a'-Dimethylphenethylamine	CCAL %D	32.2%	<25%	ND(0.74) J	
						Benzidine	CCAL %D	29.0%	<25%	ND(0.74) J	
						Benzyl Alcohol	CCAL %D	37.6%	<25%	ND(0.74) J	
						Hexachloropropene	CCAL %D	27.9%	<25%	ND(0.37) J	
						Methapyrilene	CCAL %D	36.8%	<25%	ND(0.74) J	
						Methyl Methanesulfonate	CCAL %D	34.1%	<25%	ND(0.37) J	
						N-Nitrosodiethylamine	CCAL %D	27.7%	<25%	ND(0.37) J	
						Pentachloroethane	CCAL %D	26.2%	<25%	ND(0.37) J	
						Pentachloronitrobenzene	CCAL %D	29.9%	<25%	ND(0.74) J	
						Phenacetin	CCAL %D	29.4%	<25%	ND(0.74) J	
4E0P060	RAA15-A19NW (1 - 3)	5/4/2004	Soil	Tier II	Yes	1,2-Diphenylhydrazine	CCAL %D	63.8%	<25%	ND(0.38) J	
						1,3-Dinitrobenzene	CCAL %D	31.3%	<25%	ND(0.76) J	
						1,4-Naphthoquinone	CCAL %D	34.1%	<25%	ND(0.76) J	
						2-Nitroaniline	CCAL %D	66.4%	<25%	ND(1.9) J	
						4-Nitroaniline	CCAL %D	37.9%	<25%	ND(1.9) J	
						4-Nitrophenol	ICAL %RSD	37.0%	<30%	ND(1.9) J	
						4-Nitroquinoline-1-oxide	ICAL RRF	0.034	>0.05	ND(0.76) J	
						a,a'-Dimethylphenethylamine	CCAL %D	32.2%	<25%	ND(0.76) J	
						Benzidine	CCAL %D	29.0%	<25%	ND(0.76) J	
						Benzyl Alcohol	CCAL %D	37.6%	<25%	ND(0.76) J	
						Hexachloropropene	CCAL %D	27.9%	<25%	ND(0.38) J	
						Methapyrilene	CCAL %D	36.8%	<25%	ND(0.76) J	
						Methyl Methanesulfonate	CCAL %D	34.1%	<25%	ND(0.38) J	
						N-Nitrosodiethylamine	CCAL %D	27.7%	<25%	ND(0.38) J	
						Pentachloroethane	CCAL %D	26.2%	<25%	ND(0.38) J	
						Pentachloronitrobenzene	CCAL %D	29.9%	<25%	ND(0.76) J	
						Phenacetin	CCAL %D	29.4%	<25%	ND(0.76) J	

TABLE C-1
ANALYTICAL DATA VALIDATION SUMMARY

FORMER OXBOWS J AND K SUPPLEMENTAL PRE-DESIGN INVESTIGATION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continued)											
4E0P060	RAA15-A19NW (3 - 6)	5/4/2004	Soil	Tier II	Yes	1,2-Diphenylhydrazine	CCAL %D	63.8%	<25%	ND(0.38) J	
						1,3-Dinitrobenzene	CCAL %D	31.3%	<25%	ND(0.76) J	
						1,4-Naphthoquinone	CCAL %D	34.1%	<25%	ND(0.76) J	
						2-Nitroaniline	CCAL %D	66.4%	<25%	ND(1.9) J	
						4-Nitroaniline	CCAL %D	37.9%	<25%	ND(1.9) J	
						4-Nitrophenol	ICAL %RSD	37.0%	<30%	ND(1.9) J	
						4-Nitroquinoline-1-oxide	ICAL RRF	0.034	>0.05	ND(0.76) J	
						a,a'-Dimethylphenethylamine	CCAL %D	32.2%	<25%	ND(0.76) J	
						Benzidine	CCAL %D	29.0%	<25%	ND(0.76) J	
						Benzyl Alcohol	CCAL %D	37.6%	<25%	ND(0.76) J	
						Hexachloropropene	CCAL %D	27.9%	<25%	ND(0.38) J	
						Methapyrilene	CCAL %D	36.8%	<25%	ND(0.76) J	
						Methyl Methanesulfonate	CCAL %D	34.1%	<25%	ND(0.38) J	
						N-Nitrosodiethylamine	CCAL %D	27.7%	<25%	ND(0.38) J	
						Pentachloroethane	CCAL %D	26.2%	<25%	ND(0.38) J	
						Pentachloronitrobenzene	CCAL %D	29.9%	<25%	ND(0.76) J	
						Phenacetin	CCAL %D	29.4%	<25%	ND(0.76) J	
4E0P060	RAA15-A19SE (1 - 3)	5/4/2004	Soil	Tier II	Yes	1,2-Diphenylhydrazine	CCAL %D	63.8%	<25%	ND(0.41) J	
						1,3-Dinitrobenzene	CCAL %D	31.3%	<25%	ND(0.82) J	
						1,4-Naphthoquinone	CCAL %D	34.1%	<25%	ND(0.82) J	
						2-Nitroaniline	CCAL %D	66.4%	<25%	ND(2.1) J	
						4-Nitroaniline	CCAL %D	37.9%	<25%	ND(2.1) J	
						4-Nitrophenol	ICAL %RSD	37.0%	<30%	ND(2.1) J	
						4-Nitroquinoline-1-oxide	ICAL RRF	0.034	>0.05	ND(0.82) J	
						a,a'-Dimethylphenethylamine	CCAL %D	32.2%	<25%	ND(0.82) J	
						Benzidine	CCAL %D	29.0%	<25%	ND(0.82) J	
						Benzyl Alcohol	CCAL %D	37.6%	<25%	ND(0.82) J	
						Hexachloropropene	CCAL %D	27.9%	<25%	ND(0.41) J	
						Methapyrilene	CCAL %D	36.8%	<25%	ND(0.82) J	
						Methyl Methanesulfonate	CCAL %D	34.1%	<25%	ND(0.41) J	
						N-Nitrosodiethylamine	CCAL %D	27.7%	<25%	ND(0.41) J	
						Pentachloroethane	CCAL %D	26.2%	<25%	ND(0.41) J	
						Pentachloronitrobenzene	CCAL %D	29.9%	<25%	ND(0.82) J	
						Phenacetin	CCAL %D	29.4%	<25%	ND(0.82) J	
4E0P060	RAA15-A19SE (3 - 6)	5/4/2004	Soil	Tier II	Yes	1,2-Diphenylhydrazine	CCAL %D	63.8%	<25%	ND(0.48) J	
						1,3-Dinitrobenzene	CCAL %D	31.3%	<25%	ND(0.96) J	
						1,4-Naphthoquinone	CCAL %D	34.1%	<25%	ND(0.96) J	
						2-Nitroaniline	CCAL %D	66.4%	<25%	ND(2.4) J	
						4-Nitroaniline	CCAL %D	37.9%	<25%	ND(2.4) J	
						4-Nitrophenol	ICAL %RSD	37.0%	<30%	ND(2.4) J	
						4-Nitroquinoline-1-oxide	ICAL RRF	0.034	>0.05	ND(0.96) J	
						a,a'-Dimethylphenethylamine	CCAL %D	32.2%	<25%	ND(0.96) J	
						Benzidine	CCAL %D	29.0%	<25%	ND(0.96) J	
						Benzyl Alcohol	CCAL %D	37.6%	<25%	ND(0.96) J	
						Hexachloropropene	CCAL %D	27.9%	<25%	ND(0.48) J	
						Methapyrilene	CCAL %D	36.8%	<25%	ND(0.96) J	
						Methyl Methanesulfonate	CCAL %D	34.1%	<25%	ND(0.48) J	
						N-Nitrosodiethylamine	CCAL %D	27.7%	<25%	ND(0.48) J	
						Pentachloroethane	CCAL %D	26.2%	<25%	ND(0.48) J	
						Pentachloronitrobenzene	CCAL %D	29.9%	<25%	ND(0.96) J	
						Phenacetin	CCAL %D	29.4%	<25%	ND(0.96) J	

TABLE C-1
ANALYTICAL DATA VALIDATION SUMMARY

FORMER OXBOWS J AND K SUPPLEMENTAL PRE-DESIGN INVESTIGATION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continued)											
4E0P060	RAA15-E15N (0 - 1)	5/4/2004	Soil	Tier II	Yes	1,2-Diphenylhydrazine	CCAL %D	63.8%	<25%	ND(0.37) J	
						1,3-Dinitrobenzene	CCAL %D	31.3%	<25%	ND(0.75) J	
						1,4-Naphthoquinone	CCAL %D	34.1%	<25%	ND(0.75) J	
						2-Nitroaniline	CCAL %D	66.4%	<25%	ND(1.9) J	
						4-Nitroaniline	CCAL %D	37.9%	<25%	ND(1.9) J	
						4-Nitrophenol	ICAL %RSD	37.0%	<30%	ND(1.9) J	
						4-Nitroquinoline-1-oxide	ICAL RRF	0.034	>0.05	ND(0.75) J	
						a,a'-Dimethylphenethylamine	CCAL %D	32.2%	<25%	ND(0.75) J	
						Benzidine	CCAL %D	29.0%	<25%	ND(0.75) J	
						Benzyl Alcohol	CCAL %D	37.6%	<25%	ND(0.75) J	
						Hexachloropropene	CCAL %D	27.9%	<25%	ND(0.37) J	
						Methapyrilene	CCAL %D	36.8%	<25%	ND(0.75) J	
						Methyl Methanesulfonate	CCAL %D	34.1%	<25%	ND(0.37) J	
						N-Nitrosodiethylamine	CCAL %D	27.7%	<25%	ND(0.37) J	
						Pentachloroethane	CCAL %D	26.2%	<25%	ND(0.37) J	
						Pentachloronitrobenzene	CCAL %D	29.9%	<25%	ND(0.75) J	
						Phenacetin	CCAL %D	29.4%	<25%	ND(0.75) J	
4E0P060	RAA15-E15N (1 - 3)	5/4/2004	Soil	Tier II	Yes	1,2-Diphenylhydrazine	CCAL %D	63.8%	<25%	ND(0.37) J	
						1,3-Dinitrobenzene	CCAL %D	31.3%	<25%	ND(0.74) J	
						1,4-Naphthoquinone	CCAL %D	34.1%	<25%	ND(0.74) J	
						2-Nitroaniline	CCAL %D	66.4%	<25%	ND(1.9) J	
						4-Nitroaniline	CCAL %D	37.9%	<25%	ND(1.9) J	
						4-Nitrophenol	ICAL %RSD	37.0%	<30%	ND(1.9) J	
						4-Nitroquinoline-1-oxide	ICAL RRF	0.034	>0.05	ND(0.74) J	
						a,a'-Dimethylphenethylamine	CCAL %D	32.2%	<25%	ND(0.74) J	
						Benzidine	CCAL %D	29.0%	<25%	ND(0.74) J	
						Benzyl Alcohol	CCAL %D	37.6%	<25%	ND(0.74) J	
						Hexachloropropene	CCAL %D	27.9%	<25%	ND(0.37) J	
						Methapyrilene	CCAL %D	36.8%	<25%	ND(0.74) J	
						Methyl Methanesulfonate	CCAL %D	34.1%	<25%	ND(0.37) J	
						N-Nitrosodiethylamine	CCAL %D	27.7%	<25%	ND(0.37) J	
						Pentachloroethane	CCAL %D	26.2%	<25%	ND(0.37) J	
						Pentachloronitrobenzene	CCAL %D	29.9%	<25%	ND(0.74) J	
						Phenacetin	CCAL %D	29.4%	<25%	ND(0.74) J	
4E0P060	RAA15-E15N (3 - 6)	5/4/2004	Soil	Tier II	Yes	1,2-Diphenylhydrazine	CCAL %D	63.8%	<25%	ND(0.37) J	
						1,3-Dinitrobenzene	CCAL %D	31.3%	<25%	ND(0.74) J	
						1,4-Naphthoquinone	CCAL %D	34.1%	<25%	ND(0.74) J	
						2-Nitroaniline	CCAL %D	66.4%	<25%	ND(1.9) J	
						4-Nitroaniline	CCAL %D	37.9%	<25%	ND(1.9) J	
						4-Nitrophenol	ICAL %RSD	37.0%	<30%	ND(1.9) J	
						4-Nitroquinoline-1-oxide	ICAL RRF	0.034	>0.05	ND(0.74) J	
						a,a'-Dimethylphenethylamine	CCAL %D	32.2%	<25%	ND(0.74) J	
						Benzidine	CCAL %D	29.0%	<25%	ND(0.74) J	
						Benzyl Alcohol	CCAL %D	37.6%	<25%	ND(0.74) J	
						Hexachloropropene	CCAL %D	27.9%	<25%	ND(0.37) J	
						Methapyrilene	CCAL %D	36.8%	<25%	ND(0.74) J	
						Methyl Methanesulfonate	CCAL %D	34.1%	<25%	ND(0.37) J	
						N-Nitrosodiethylamine	CCAL %D	27.7%	<25%	ND(0.37) J	
						Pentachloroethane	CCAL %D	26.2%	<25%	ND(0.37) J	
						Pentachloronitrobenzene	CCAL %D	29.9%	<25%	ND(0.74) J	
						Phenacetin	CCAL %D	29.4%	<25%	ND(0.74) J	

TABLE C-1
ANALYTICAL DATA VALIDATION SUMMARY

FORMER OXBOWS J AND K SUPPLEMENTAL PRE-DESIGN INVESTIGATION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continued)											
4E0P060	RAA15-E7(B) (1 - 3)	5/4/2004	Soil	Tier II	Yes	1,2-Diphenylhydrazine	CCAL %D	63.8%	<25%	ND(0.39) J	
						1,3-Dinitrobenzene	CCAL %D	31.3%	<25%	ND(0.78) J	
						1,4-Naphthoquinone	CCAL %D	34.1%	<25%	ND(0.78) J	
						2-Nitroaniline	CCAL %D	66.4%	<25%	ND(2.0) J	
						4-Nitroaniline	CCAL %D	37.9%	<25%	ND(2.0) J	
						4-Nitrophenol	ICAL %RSD	37.0%	<30%	ND(2.0) J	
						4-Nitroquinoline-1-oxide	ICAL RRF	0.034	>0.05	ND(0.78) J	
						a,a'-Dimethylphenethylamine	CCAL %D	32.2%	<25%	ND(0.78) J	
						Benzidine	CCAL %D	29.0%	<25%	ND(0.78) J	
						Benzyl Alcohol	CCAL %D	37.6%	<25%	ND(0.78) J	
						Hexachloropropene	CCAL %D	27.9%	<25%	ND(0.39) J	
						Methapyrilene	CCAL %D	36.8%	<25%	ND(0.78) J	
						Methyl Methanesulfonate	CCAL %D	34.1%	<25%	ND(0.39) J	
						N-Nitrosodiethylamine	CCAL %D	27.7%	<25%	ND(0.39) J	
						Pentachloroethane	CCAL %D	26.2%	<25%	ND(0.39) J	
						Pentachloronitrobenzene	CCAL %D	29.9%	<25%	ND(0.78) J	
						Phenacetin	CCAL %D	29.4%	<25%	ND(0.78) J	
4E0P060	RAA15-E7NE (0 - 1)	5/4/2004	Soil	Tier II	Yes	1,2-Diphenylhydrazine	CCAL %D	63.8%	<25%	ND(0.60) J	
						1,3-Dinitrobenzene	CCAL %D	31.3%	<25%	ND(0.81) J	
						1,4-Naphthoquinone	CCAL %D	34.1%	<25%	ND(0.81) J	
						2,3,4,6-Tetrachlorophenol	Surrogate Recovery Acid	5.2%	18.0% to 137.0%	R	
						2,4,5-Trichlorophenol	Surrogate Recovery Acid	5.2%	18.0% to 137.0%	R	
						2,4,6-Trichlorophenol	Surrogate Recovery Acid	5.2%	18.0% to 137.0%	R	
						2,4-Dichlorophenol	Surrogate Recovery Acid	5.2%	18.0% to 137.0%	R	
						2,4-Dimethylphenol	Surrogate Recovery Acid	5.2%	18.0% to 137.0%	R	
						2,4-Dinitrophenol	Surrogate Recovery Acid	5.2%	18.0% to 137.0%	R	
						2,6-Dichlorophenol	Surrogate Recovery Acid	5.2%	18.0% to 137.0%	R	
						2-Chlorophenol	Surrogate Recovery Acid	5.2%	18.0% to 137.0%	R	
						2-Methylphenol	Surrogate Recovery Acid	5.2%	18.0% to 137.0%	R	
						2-Nitroaniline	CCAL %D	66.4%	<25%	ND(3.0) J	
						2-Nitrophenol	Surrogate Recovery Acid	5.2%	18.0% to 137.0%	R	
						3&4-Methylphenol	Surrogate Recovery Acid	5.2%	18.0% to 137.0%	R	
						4,6-Dinitro-2-methylphenol	Surrogate Recovery Acid	5.2%	18.0% to 137.0%	R	
						4-Chloro-3-Methylphenol	Surrogate Recovery Acid	5.2%	18.0% to 137.0%	R	
						4-Nitroaniline	CCAL %D	37.9%	<25%	ND(2.0) J	
						4-Nitrophenol	Surrogate Recovery Acid	5.2%	18.0% to 137.0%	R	
						4-Nitroquinoline-1-oxide	ICAL RRF	0.034	>0.05	ND(0.81) J	
						a,a'-Dimethylphenethylamine	CCAL %D	32.2%	<25%	ND(0.81) J	
						Benzidine	CCAL %D	29.0%	<25%	ND(1.2) J	
						Benzyl Alcohol	Surrogate Recovery Acid	5.2%	18.0% to 137.0%	R	
						Hexachloropropene	CCAL %D	27.9%	<25%	ND(0.60) J	
						Methapyrilene	CCAL %D	36.8%	<25%	ND(0.81) J	
						Methyl Methanesulfonate	CCAL %D	34.1%	<25%	ND(0.60) J	
						N-Nitrosodiethylamine	CCAL %D	27.7%	<25%	ND(0.60) J	
						Pentachloroethane	CCAL %D	26.2%	<25%	ND(0.60) J	
						Pentachloronitrobenzene	CCAL %D	29.9%	<25%	ND(0.81) J	
						Pentachlorophenol	Surrogate Recovery Acid	5.2%	18.0% to 137.0%	R	
						Phenacetin	CCAL %D	29.4%	<25%	ND(0.81) J	
						Phenol	Surrogate Recovery Acid	5.2%	18.0% to 137.0%	R	

TABLE C-1
ANALYTICAL DATA VALIDATION SUMMARY

FORMER OXBOWS J AND K SUPPLEMENTAL PRE-DESIGN INVESTIGATION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continued)											
4E0P060	RAA15-E7NW (0 - 1)	5/4/2004	Soil	Tier II	Yes	1,2-Diphenylhydrazine	CCAL %D	63.8%	<25%	ND(0.48) J	
						1,3-Dinitrobenzene	CCAL %D	31.3%	<25%	ND(0.96) J	
						1,4-Naphthoquinone	CCAL %D	34.1%	<25%	ND(0.96) J	
						2-Nitroaniline	CCAL %D	66.4%	<25%	ND(2.4) J	
						4-Nitroaniline	CCAL %D	37.9%	<25%	ND(2.4) J	
						4-Nitrophenol	ICAL %RSD	37.0%	<30%	ND(2.4) J	
						4-Nitroquinoline-1-oxide	ICAL RRF	0.034	>0.05	ND(0.96) J	
						a,a'-Dimethylphenethylamine	CCAL %D	32.2%	<25%	ND(0.96) J	
						Benzidine	CCAL %D	29.0%	<25%	ND(0.96) J	
						Benzyl Alcohol	CCAL %D	37.6%	<25%	ND(0.96) J	
						Hexachloropropene	CCAL %D	27.9%	<25%	ND(0.48) J	
						Methapyrilene	CCAL %D	36.8%	<25%	ND(0.96) J	
						Methyl Methanesulfonate	CCAL %D	34.1%	<25%	ND(0.48) J	
						N-Nitrosodiethylamine	CCAL %D	27.7%	<25%	ND(0.48) J	
						Pentachloroethane	CCAL %D	26.2%	<25%	ND(0.48) J	
						Pentachloronitrobenzene	CCAL %D	29.9%	<25%	ND(0.96) J	
						Phenacetin	CCAL %D	29.4%	<25%	ND(0.96) J	
4E0P060	RAA15-E7SE (0 - 1)	5/4/2004	Soil	Tier II	Yes	1,2-Diphenylhydrazine	CCAL %D	63.8%	<25%	ND(0.39) J	
						1,3-Dinitrobenzene	CCAL %D	31.3%	<25%	ND(0.78) J	
						1,4-Naphthoquinone	CCAL %D	34.1%	<25%	ND(0.78) J	
						2-Nitroaniline	CCAL %D	66.4%	<25%	ND(2.0) J	
						4-Nitroaniline	CCAL %D	37.9%	<25%	ND(2.0) J	
						4-Nitrophenol	ICAL %RSD	37.0%	<30%	ND(2.0) J	
						4-Nitroquinoline-1-oxide	ICAL RRF	0.034	>0.05	ND(0.78) J	
						a,a'-Dimethylphenethylamine	CCAL %D	32.2%	<25%	ND(0.78) J	
						Benzidine	CCAL %D	29.0%	<25%	ND(0.78) J	
						Benzyl Alcohol	CCAL %D	37.6%	<25%	ND(0.78) J	
						Hexachloropropene	CCAL %D	27.9%	<25%	ND(0.39) J	
						Methapyrilene	CCAL %D	36.8%	<25%	ND(0.78) J	
						Methyl Methanesulfonate	CCAL %D	34.1%	<25%	ND(0.39) J	
						N-Nitrosodiethylamine	CCAL %D	27.7%	<25%	ND(0.39) J	
						Pentachloroethane	CCAL %D	26.2%	<25%	ND(0.39) J	
						Pentachloronitrobenzene	CCAL %D	29.9%	<25%	ND(0.78) J	
						Phenacetin	CCAL %D	29.4%	<25%	ND(0.78) J	
4E0P060	RAA15-E7SW (0 - 1)	5/4/2004	Soil	Tier II	Yes	1,2-Diphenylhydrazine	CCAL %D	63.8%	<25%	ND(0.57) J	
						1,3-Dinitrobenzene	CCAL %D	31.3%	<25%	ND(0.88) J	
						1,4-Naphthoquinone	CCAL %D	34.1%	<25%	ND(0.88) J	
						2-Nitroaniline	CCAL %D	66.4%	<25%	ND(2.8) J	
						4-Nitroaniline	CCAL %D	37.9%	<25%	ND(2.2) J	
						4-Nitrophenol	ICAL %RSD	37.0%	<30%	ND(2.8) J	
						4-Nitroquinoline-1-oxide	ICAL RRF	0.034	>0.05	ND(0.88) J	
						a,a'-Dimethylphenethylamine	CCAL %D	32.2%	<25%	ND(0.88) J	
						Benzidine	CCAL %D	29.0%	<25%	ND(1.1) J	
						Benzyl Alcohol	CCAL %D	37.6%	<25%	ND(1.1) J	
						Hexachloropropene	CCAL %D	27.9%	<25%	ND(0.57) J	
						Methapyrilene	CCAL %D	36.8%	<25%	ND(0.88) J	
						Methyl Methanesulfonate	CCAL %D	34.1%	<25%	ND(0.57) J	
						N-Nitrosodiethylamine	CCAL %D	27.7%	<25%	ND(0.57) J	
						Pentachloroethane	CCAL %D	26.2%	<25%	ND(0.57) J	
						Pentachloronitrobenzene	CCAL %D	29.9%	<25%	ND(0.88) J	
						Phenacetin	CCAL %D	29.4%	<25%	ND(0.88) J	

TABLE C-1
ANALYTICAL DATA VALIDATION SUMMARY

FORMER OXBOWS J AND K SUPPLEMENTAL PRE-DESIGN INVESTIGATION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continued)											
4E0P060	RAA15-E8SE (1 - 3)	5/4/2004	Soil	Tier II	Yes	1,2-Diphenylhydrazine	CCAL %D	63.8%	<25%	ND(0.38) J	
						1,3-Dinitrobenzene	CCAL %D	31.3%	<25%	ND(0.76) J	
						1,4-Naphthoquinone	CCAL %D	34.1%	<25%	ND(0.76) J	
						2-Nitroaniline	CCAL %D	66.4%	<25%	ND(1.9) J	
						4-Nitroaniline	CCAL %D	37.9%	<25%	ND(1.9) J	
						4-Nitrophenol	ICAL %RSD	37.0%	<30%	ND(1.9) J	
						4-Nitroquinoline-1-oxide	ICAL RRF	0.034	>0.05	ND(0.76) J	
						a,a'-Dimethylphenethylamine	CCAL %D	32.2%	<25%	ND(0.76) J	
						Benzidine	CCAL %D	29.0%	<25%	ND(0.76) J	
						Benzyl Alcohol	CCAL %D	37.6%	<25%	ND(0.76) J	
						Hexachloropropene	CCAL %D	27.9%	<25%	ND(0.38) J	
						Methapyrilene	CCAL %D	36.8%	<25%	ND(0.76) J	
						Methyl Methanesulfonate	CCAL %D	34.1%	<25%	ND(0.38) J	
						N-Nitrosodiethylamine	CCAL %D	27.7%	<25%	ND(0.38) J	
						Pentachloroethane	CCAL %D	26.2%	<25%	ND(0.38) J	
						Pentachloronitrobenzene	CCAL %D	29.9%	<25%	ND(0.76) J	
						Phenacetin	CCAL %D	29.4%	<25%	ND(0.76) J	
4E0P060	RAA15-E8NE (1 - 3)	5/4/2004	Soil	Tier II	Yes	1,2-Diphenylhydrazine	CCAL %D	63.8%	<25%	ND(0.37) J	
						1,3-Dinitrobenzene	CCAL %D	31.3%	<25%	ND(0.75) J	
						1,4-Naphthoquinone	CCAL %D	34.1%	<25%	ND(0.75) J	
						2-Nitroaniline	CCAL %D	66.4%	<25%	ND(1.9) J	
						4-Nitroaniline	CCAL %D	37.9%	<25%	ND(1.9) J	
						4-Nitrophenol	ICAL %RSD	37.0%	<30%	ND(1.9) J	
						4-Nitroquinoline-1-oxide	ICAL RRF	0.034	>0.05	ND(0.75) J	
						a,a'-Dimethylphenethylamine	CCAL %D	32.2%	<25%	ND(0.75) J	
						Benzidine	CCAL %D	29.0%	<25%	ND(0.75) J	
						Benzyl Alcohol	CCAL %D	37.6%	<25%	ND(0.75) J	
						Hexachloropropene	CCAL %D	27.9%	<25%	ND(0.37) J	
						Methapyrilene	CCAL %D	36.8%	<25%	ND(0.75) J	
						Methyl Methanesulfonate	CCAL %D	34.1%	<25%	ND(0.37) J	
						N-Nitrosodiethylamine	CCAL %D	27.7%	<25%	ND(0.37) J	
						Pentachloroethane	CCAL %D	26.2%	<25%	ND(0.37) J	
						Pentachloronitrobenzene	CCAL %D	29.9%	<25%	ND(0.75) J	
						Phenacetin	CCAL %D	29.4%	<25%	ND(0.75) J	
4E0P060	RAA15-E8SW (1 - 3)	5/4/2004	Soil	Tier II	Yes	1,2-Diphenylhydrazine	CCAL %D	63.8%	<25%	ND(0.38) J	
						1,3-Dinitrobenzene	CCAL %D	31.3%	<25%	ND(0.76) J	
						1,4-Naphthoquinone	CCAL %D	34.1%	<25%	ND(0.76) J	
						2-Nitroaniline	CCAL %D	66.4%	<25%	ND(1.9) J	
						4-Nitroaniline	CCAL %D	37.9%	<25%	ND(1.9) J	
						4-Nitrophenol	ICAL %RSD	37.0%	<30%	ND(1.9) J	
						4-Nitroquinoline-1-oxide	ICAL RRF	0.034	>0.05	ND(0.76) J	
						a,a'-Dimethylphenethylamine	CCAL %D	32.2%	<25%	ND(0.76) J	
						Benzidine	CCAL %D	29.0%	<25%	ND(0.76) J	
						Benzyl Alcohol	CCAL %D	37.6%	<25%	ND(0.76) J	
						Hexachloropropene	CCAL %D	27.9%	<25%	ND(0.38) J	
						Methapyrilene	CCAL %D	36.8%	<25%	ND(0.76) J	
						Methyl Methanesulfonate	CCAL %D	34.1%	<25%	ND(0.38) J	
						N-Nitrosodiethylamine	CCAL %D	27.7%	<25%	ND(0.38) J	
						Pentachloroethane	CCAL %D	26.2%	<25%	ND(0.38) J	
						Pentachloronitrobenzene	CCAL %D	29.9%	<25%	ND(0.76) J	
						Phenacetin	CCAL %D	29.4%	<25%	ND(0.76) J	

TABLE C-1
ANALYTICAL DATA VALIDATION SUMMARY

FORMER OXBOWS J AND K SUPPLEMENTAL PRE-DESIGN INVESTIGATION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continued)											
4E0P060	RAA15-E8NW (1 - 3)	5/4/2004	Soil	Tier II	Yes	1,2-Diphenylhydrazine	CCAL %D	63.8%	<25%	ND(0.40) J	
						1,3-Dinitrobenzene	CCAL %D	31.3%	<25%	ND(0.80) J	
						1,4-Naphthoquinone	CCAL %D	34.1%	<25%	ND(0.80) J	
						2-Nitroaniline	CCAL %D	66.4%	<25%	ND(2.0) J	
						4-Nitroaniline	CCAL %D	37.9%	<25%	ND(2.0) J	
						4-Nitrophenol	ICAL %RSD	37.0%	<30%	ND(2.0) J	
						4-Nitroquinoline-1-oxide	ICAL RRF	0.034	>0.05	ND(0.80) J	
						a,a'-Dimethylphenethylamine	CCAL %D	32.2%	<25%	ND(0.80) J	
						Benzidine	CCAL %D	29.0%	<25%	ND(0.80) J	
						Benzyl Alcohol	CCAL %D	37.6%	<25%	ND(0.80) J	
						Hexachloropropene	CCAL %D	27.9%	<25%	ND(0.40) J	
						Methapyrilene	CCAL %D	36.8%	<25%	ND(0.80) J	
						Methyl Methanesulfonate	CCAL %D	34.1%	<25%	ND(0.40) J	
						N-Nitrosodiethylamine	CCAL %D	27.7%	<25%	ND(0.40) J	
						Pentachloroethane	CCAL %D	26.2%	<25%	ND(0.40) J	
						Pentachloronitrobenzene	CCAL %D	29.9%	<25%	ND(0.80) J	
						Phenacetin	CCAL %D	29.4%	<25%	ND(0.80) J	
4E0P060	RB-050404-1 (0 - 0)	5/4/2004	Soil	Tier II	Yes	1,2-Diphenylhydrazine	CCAL %D	63.8%	<25%	ND(0.010) J	
						1,3-Dinitrobenzene	CCAL %D	31.3%	<25%	ND(0.010) J	
						1,4-Naphthoquinone	CCAL %D	34.1%	<25%	ND(0.010) J	
						2-Nitroaniline	CCAL %D	66.4%	<25%	ND(0.050) J	
						4-Nitroaniline	CCAL %D	37.9%	<25%	ND(0.050) J	
						4-Nitrophenol	ICAL %RSD	37.0%	<30%	ND(0.050) J	
						4-Nitroquinoline-1-oxide	ICAL RRF	0.034	>0.05	ND(0.010) J	
						a,a'-Dimethylphenethylamine	CCAL %D	32.2%	<25%	ND(0.010) J	
						Benzidine	CCAL %D	29.0%	<25%	ND(0.020) J	
						Benzyl Alcohol	CCAL %D	37.6%	<25%	ND(0.020) J	
						Hexachloropropene	CCAL %D	27.9%	<25%	ND(0.010) J	
						Methapyrilene	CCAL %D	36.8%	<25%	ND(0.010) J	
						Methyl Methanesulfonate	CCAL %D	34.1%	<25%	ND(0.010) J	
						N-Nitrosodiethylamine	CCAL %D	27.7%	<25%	ND(0.010) J	
						Pentachloroethane	CCAL %D	26.2%	<25%	ND(0.010) J	
						Pentachloronitrobenzene	CCAL %D	29.9%	<25%	ND(0.010) J	
						Phenacetin	CCAL %D	29.4%	<25%	ND(0.010) J	
4E0P169	JKSDUP4 (3 - 6)	5/5/2004	Soil	Tier II	Yes	1,2-Diphenylhydrazine	CCAL %D	35.2%	<25%	ND(0.37) J	Duplicate of RAA15-C11
						1,3,5-Trinitrobenzene	CCAL %D	84.8%	<25%	ND(0.37) J	
						1,3-Dinitrobenzene	CCAL %D	32.2%	<25%	ND(0.74) J	
						2,6-Dinitrotoluene	CCAL %D	36.0%	<25%	ND(0.37) J	
						2-Nitroaniline	CCAL %D	79.1%	<25%	ND(1.9) J	
						3-Nitroaniline	CCAL %D	41.8%	<25%	ND(1.9) J	
						4-Nitroaniline	CCAL %D	40.1%	<25%	ND(1.9) J	
						4-Nitrophenol	ICAL %RSD	37.0%	<30%	ND(1.9) J	
						4-Nitroquinoline-1-oxide	ICAL RRF	0.034	>0.05	ND(0.74) J	
						Benzidine	CCAL %D	35.7%	<25%	ND(0.74) J	
						Benzyl Alcohol	CCAL %D	31.2%	<25%	ND(0.74) J	
						bis(2-Chloroethyl)ether	CCAL %D	83.7%	<25%	ND(0.37) J	
						Hexachlorophene	CCAL %D	28.5%	<25%	ND(0.74) J	
						Pentachloronitrobenzene	CCAL %D	40.0%	<25%	ND(0.74) J	

TABLE C-1
ANALYTICAL DATA VALIDATION SUMMARY

FORMER OXBOWS J AND K SUPPLEMENTAL PRE-DESIGN INVESTIGATION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continued)											
4E0P169	RAA15-C11 (3 - 6)	5/5/2004	Soil	Tier II	Yes	1,2-Diphenylhydrazine	CCAL %D	35.2%	<25%	ND(0.36) J	
						1,3,5-Trinitrobenzene	CCAL %D	84.8%	<25%	ND(0.36) J	
						1,3-Dinitrobenzene	CCAL %D	32.2%	<25%	ND(0.73) J	
						2,6-Dinitrotoluene	CCAL %D	36.0%	<25%	ND(0.36) J	
						2-Nitroaniline	CCAL %D	79.1%	<25%	ND(1.9) J	
						3-Nitroaniline	CCAL %D	41.8%	<25%	ND(1.9) J	
						4-Nitroaniline	CCAL %D	40.1%	<25%	ND(1.9) J	
						4-Nitrophenol	ICAL %RSD	37.0%	<30%	ND(1.9) J	
						4-Nitroquinoline-1-oxide	ICAL RRF	0.034	>0.05	ND(0.73) J	
						Benzidine	CCAL %D	35.7%	<25%	ND(0.73) J	
						Benzyl Alcohol	CCAL %D	31.2%	<25%	ND(0.73) J	
						bis(2-Chloroethyl)ether	CCAL %D	83.7%	<25%	ND(0.36) J	
						Hexachlorophene	CCAL %D	28.5%	<25%	ND(0.73) J	
						Pentachloronitrobenzene	CCAL %D	40.0%	<25%	ND(0.73) J	
4E0P169	RAA15-C11E (1 - 3)	5/5/2004	Soil	Tier II	Yes	1,2-Diphenylhydrazine	CCAL %D	35.2%	<25%	ND(0.37) J	
						1,3,5-Trinitrobenzene	CCAL %D	84.8%	<25%	ND(0.37) J	
						1,3-Dinitrobenzene	CCAL %D	32.2%	<25%	ND(0.75) J	
						2,6-Dinitrotoluene	CCAL %D	36.0%	<25%	ND(0.37) J	
						2-Nitroaniline	CCAL %D	79.1%	<25%	ND(1.9) J	
						3-Nitroaniline	CCAL %D	41.8%	<25%	ND(1.9) J	
						4-Nitroaniline	CCAL %D	40.1%	<25%	ND(1.9) J	
						4-Nitrophenol	ICAL %RSD	37.0%	<30%	ND(1.9) J	
						4-Nitroquinoline-1-oxide	ICAL RRF	0.034	>0.05	ND(0.75) J	
						Benzidine	CCAL %D	35.7%	<25%	ND(0.75) J	
						Benzyl Alcohol	CCAL %D	31.2%	<25%	ND(0.75) J	
						bis(2-Chloroethyl)ether	CCAL %D	83.7%	<25%	ND(0.37) J	
						Hexachlorophene	CCAL %D	28.5%	<25%	ND(0.75) J	
						Pentachloronitrobenzene	CCAL %D	40.0%	<25%	ND(0.75) J	
4E0P169	RAA15-C11NE (1 - 3)	5/5/2004	Soil	Tier II	Yes	1,2-Diphenylhydrazine	CCAL %D	35.2%	<25%	ND(0.38) J	
						1,3,5-Trinitrobenzene	CCAL %D	84.8%	<25%	ND(0.38) J	
						1,3-Dinitrobenzene	CCAL %D	32.2%	<25%	ND(0.75) J	
						2,6-Dinitrotoluene	CCAL %D	36.0%	<25%	ND(0.38) J	
						2-Nitroaniline	CCAL %D	79.1%	<25%	ND(1.9) J	
						3-Nitroaniline	CCAL %D	41.8%	<25%	ND(1.9) J	
						4-Nitroaniline	CCAL %D	40.1%	<25%	ND(1.9) J	
						4-Nitrophenol	ICAL %RSD	37.0%	<30%	ND(1.9) J	
						4-Nitroquinoline-1-oxide	ICAL RRF	0.034	>0.05	ND(0.75) J	
						Benzidine	CCAL %D	35.7%	<25%	ND(0.75) J	
						Benzyl Alcohol	CCAL %D	31.2%	<25%	ND(0.75) J	
						bis(2-Chloroethyl)ether	CCAL %D	83.7%	<25%	ND(0.38) J	
						Hexachlorophene	CCAL %D	28.5%	<25%	ND(0.75) J	
						Pentachloronitrobenzene	CCAL %D	40.0%	<25%	ND(0.75) J	

TABLE C-1
ANALYTICAL DATA VALIDATION SUMMARY

FORMER OXBOWS J AND K SUPPLEMENTAL PRE-DESIGN INVESTIGATION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continued)											
4E0P169	RAA15-C11NW (1 - 3)	5/5/2004	Soil	Tier II	Yes	1,2-Diphenylhydrazine	CCAL %D	35.2%	<25%	ND(0.37) J	
						1,3,5-Trinitrobenzene	CCAL %D	84.8%	<25%	ND(0.37) J	
						1,3-Dinitrobenzene	CCAL %D	32.2%	<25%	ND(0.74) J	
						2,6-Dinitrotoluene	CCAL %D	36.0%	<25%	ND(0.37) J	
						2-Nitroaniline	CCAL %D	79.1%	<25%	ND(1.9) J	
						3-Nitroaniline	CCAL %D	41.8%	<25%	ND(1.9) J	
						4-Nitroaniline	CCAL %D	40.1%	<25%	ND(1.9) J	
						4-Nitrophenol	ICAL %RSD	37.0%	<30%	ND(1.9) J	
						4-Nitroquinoline-1-oxide	ICAL RRF	0.034	>0.05	ND(0.74) J	
						Benzidine	CCAL %D	35.7%	<25%	ND(0.74) J	
						Benzyl Alcohol	CCAL %D	31.2%	<25%	ND(0.74) J	
						bis(2-Chloroethyl)ether	CCAL %D	83.7%	<25%	ND(0.37) J	
						Hexachlorophene	CCAL %D	28.5%	<25%	ND(0.74) J	
						Pentachloronitrobenzene	CCAL %D	40.0%	<25%	ND(0.74) J	
4E0P169	RAA15-C6 (0 - 1)	5/5/2004	Soil	Tier II	Yes	1,2-Diphenylhydrazine	CCAL %D	35.2%	<25%	ND(0.42) J	
						1,3,5-Trinitrobenzene	CCAL %D	84.8%	<25%	ND(0.42) J	
						1,3-Dinitrobenzene	CCAL %D	32.2%	<25%	ND(0.84) J	
						2,6-Dinitrotoluene	CCAL %D	36.0%	<25%	ND(0.42) J	
						2-Nitroaniline	CCAL %D	79.1%	<25%	ND(2.1) J	
						3-Nitroaniline	CCAL %D	41.8%	<25%	ND(2.1) J	
						4-Nitroaniline	CCAL %D	40.1%	<25%	ND(2.1) J	
						4-Nitrophenol	ICAL %RSD	37.0%	<30%	ND(2.1) J	
						4-Nitroquinoline-1-oxide	ICAL RRF	0.034	>0.05	ND(0.84) J	
						Benzidine	CCAL %D	35.7%	<25%	ND(0.84) J	
						Benzyl Alcohol	CCAL %D	31.2%	<25%	ND(0.84) J	
						bis(2-Chloroethyl)ether	CCAL %D	83.7%	<25%	ND(0.42) J	
						Hexachlorophene	CCAL %D	28.5%	<25%	ND(0.84) J	
						Pentachloronitrobenzene	CCAL %D	40.0%	<25%	ND(0.84) J	
4E0P169	RAA15-C6 (6 - 10)	5/5/2004	Soil	Tier II	Yes	1,2-Diphenylhydrazine	CCAL %D	35.2%	<25%	ND(0.40) J	
						1,3,5-Trinitrobenzene	CCAL %D	84.8%	<25%	ND(0.40) J	
						1,3-Dinitrobenzene	CCAL %D	32.2%	<25%	ND(0.79) J	
						2,6-Dinitrotoluene	CCAL %D	36.0%	<25%	ND(0.40) J	
						2-Nitroaniline	CCAL %D	79.1%	<25%	ND(2.0) J	
						3-Nitroaniline	CCAL %D	41.8%	<25%	ND(2.0) J	
						4-Nitroaniline	CCAL %D	40.1%	<25%	ND(2.0) J	
						4-Nitrophenol	ICAL %RSD	37.0%	<30%	ND(2.0) J	
						4-Nitroquinoline-1-oxide	ICAL RRF	0.034	>0.05	ND(0.79) J	
						Benzidine	CCAL %D	35.7%	<25%	ND(0.79) J	
						Benzyl Alcohol	CCAL %D	31.2%	<25%	ND(0.79) J	
						bis(2-Chloroethyl)ether	CCAL %D	83.7%	<25%	ND(0.40) J	
						Hexachlorophene	CCAL %D	28.5%	<25%	ND(0.79) J	
						Pentachloronitrobenzene	CCAL %D	40.0%	<25%	ND(0.79) J	

TABLE C-1
ANALYTICAL DATA VALIDATION SUMMARY

FORMER OXBOWS J AND K SUPPLEMENTAL PRE-DESIGN INVESTIGATION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continued)											
4E0P169	RAA15-E5 (1 - 3)	5/5/2004	Soil	Tier II	Yes	1,2-Diphenylhydrazine	CCAL %D	35.2%	<25%	ND(0.38) J	
						1,3,5-Trinitrobenzene	CCAL %D	84.8%	<25%	ND(0.38) J	
						1,3-Dinitrobenzene	CCAL %D	32.2%	<25%	ND(0.76) J	
						2,6-Dinitrotoluene	CCAL %D	36.0%	<25%	ND(0.38) J	
						2-Nitroaniline	CCAL %D	79.1%	<25%	ND(1.9) J	
						3-Nitroaniline	CCAL %D	41.8%	<25%	ND(1.9) J	
						4-Nitroaniline	CCAL %D	40.1%	<25%	ND(1.9) J	
						4-Nitrophenol	ICAL %RSD	37.0%	<30%	ND(1.9) J	
						4-Nitroquinoline-1-oxide	ICAL RRF	0.034	>0.05	ND(0.76) J	
						Benzidine	CCAL %D	35.7%	<25%	ND(0.76) J	
						Benzyl Alcohol	CCAL %D	31.2%	<25%	ND(0.76) J	
						bis(2-Chloroethyl)ether	CCAL %D	83.7%	<25%	ND(0.38) J	
						Hexachlorophene	CCAL %D	28.5%	<25%	ND(0.76) J	
						Pentachloronitrobenzene	CCAL %D	40.0%	<25%	ND(0.76) J	
4E0P169	RAA15-E5NE (0 - 1)	5/5/2004	Soil	Tier II	Yes	1,2-Diphenylhydrazine	CCAL %D	35.2%	<25%	ND(0.38) J	
						1,3,5-Trinitrobenzene	CCAL %D	84.8%	<25%	ND(0.38) J	
						1,3-Dinitrobenzene	CCAL %D	32.2%	<25%	ND(0.77) J	
						2,6-Dinitrotoluene	CCAL %D	36.0%	<25%	ND(0.38) J	
						2-Nitroaniline	CCAL %D	79.1%	<25%	ND(2.0) J	
						3-Nitroaniline	CCAL %D	41.8%	<25%	ND(2.0) J	
						4-Nitroaniline	CCAL %D	40.1%	<25%	ND(2.0) J	
						4-Nitrophenol	ICAL %RSD	37.0%	<30%	ND(2.0) J	
						4-Nitroquinoline-1-oxide	ICAL RRF	0.034	>0.05	ND(0.77) J	
						Benzidine	CCAL %D	35.7%	<25%	ND(0.77) J	
						Benzyl Alcohol	CCAL %D	31.2%	<25%	ND(0.77) J	
						bis(2-Chloroethyl)ether	CCAL %D	83.7%	<25%	ND(0.38) J	
						Hexachlorophene	CCAL %D	28.5%	<25%	ND(0.77) J	
						Pentachloronitrobenzene	CCAL %D	40.0%	<25%	ND(0.77) J	
4E0P169	RAA15-E5NW (0 - 1)	5/5/2004	Soil	Tier II	Yes	1,2-Diphenylhydrazine	CCAL %D	35.2%	<25%	ND(0.39) J	
						1,3,5-Trinitrobenzene	CCAL %D	84.8%	<25%	ND(0.39) J	
						1,3-Dinitrobenzene	CCAL %D	32.2%	<25%	ND(0.78) J	
						2,6-Dinitrotoluene	CCAL %D	36.0%	<25%	ND(0.39) J	
						2-Nitroaniline	CCAL %D	79.1%	<25%	ND(2.0) J	
						3-Nitroaniline	CCAL %D	41.8%	<25%	ND(2.0) J	
						4-Nitroaniline	CCAL %D	40.1%	<25%	ND(2.0) J	
						4-Nitrophenol	ICAL %RSD	37.0%	<30%	ND(2.0) J	
						4-Nitroquinoline-1-oxide	ICAL RRF	0.034	>0.05	ND(0.78) J	
						Benzidine	CCAL %D	35.7%	<25%	ND(0.78) J	
						Benzyl Alcohol	CCAL %D	31.2%	<25%	ND(0.78) J	
						bis(2-Chloroethyl)ether	CCAL %D	83.7%	<25%	ND(0.39) J	
						Hexachlorophene	CCAL %D	28.5%	<25%	ND(0.78) J	
						Pentachloronitrobenzene	CCAL %D	40.0%	<25%	ND(0.78) J	

TABLE C-1
ANALYTICAL DATA VALIDATION SUMMARY

FORMER OXBOWS J AND K SUPPLEMENTAL PRE-DESIGN INVESTIGATION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continued)											
4E0P169	RAA15-E5SE (0 - 1)	5/5/2004	Soil	Tier II	Yes	1,2-Diphenylhydrazine	CCAL %D	35.2%	<25%	ND(0.39) J	
						1,3,5-Trinitrobenzene	CCAL %D	84.8%	<25%	ND(0.39) J	
						1,3-Dinitrobenzene	CCAL %D	32.2%	<25%	ND(0.79) J	
						2,6-Dinitrotoluene	CCAL %D	36.0%	<25%	ND(0.39) J	
						2-Nitroaniline	CCAL %D	79.1%	<25%	ND(2.0) J	
						3-Nitroaniline	CCAL %D	41.8%	<25%	ND(2.0) J	
						4-Nitroaniline	CCAL %D	40.1%	<25%	ND(2.0) J	
						4-Nitrophenol	ICAL %RSD	37.0%	<30%	ND(2.0) J	
						4-Nitroquinoline-1-oxide	ICAL RRF	0.034	>0.05	ND(0.79) J	
						Benzidine	CCAL %D	35.7%	<25%	ND(0.79) J	
						Benzyl Alcohol	CCAL %D	31.2%	<25%	ND(0.79) J	
						bis(2-Chloroethyl)ether	CCAL %D	83.7%	<25%	ND(0.39) J	
						Hexachlorophene	CCAL %D	28.5%	<25%	ND(0.79) J	
						Pentachloronitrobenzene	CCAL %D	40.0%	<25%	ND(0.79) J	
4E0P169	RAA15-E5SW (0 - 1)	5/5/2004	Soil	Tier II	Yes	1,2-Diphenylhydrazine	CCAL %D	35.2%	<25%	ND(0.36) J	
						1,3,5-Trinitrobenzene	CCAL %D	84.8%	<25%	ND(0.36) J	
						1,3-Dinitrobenzene	CCAL %D	32.2%	<25%	ND(0.72) J	
						2,6-Dinitrotoluene	CCAL %D	36.0%	<25%	ND(0.36) J	
						2-Nitroaniline	CCAL %D	79.1%	<25%	ND(1.8) J	
						3-Nitroaniline	CCAL %D	41.8%	<25%	ND(1.8) J	
						4-Nitroaniline	CCAL %D	40.1%	<25%	ND(1.8) J	
						4-Nitrophenol	ICAL %RSD	37.0%	<30%	ND(1.8) J	
						4-Nitroquinoline-1-oxide	ICAL RRF	0.034	>0.05	ND(0.72) J	
						Benzidine	CCAL %D	35.7%	<25%	ND(0.72) J	
						Benzyl Alcohol	CCAL %D	31.2%	<25%	ND(0.72) J	
						bis(2-Chloroethyl)ether	CCAL %D	83.7%	<25%	ND(0.36) J	
						Hexachlorophene	CCAL %D	28.5%	<25%	ND(0.72) J	
						Pentachloronitrobenzene	CCAL %D	40.0%	<25%	ND(0.72) J	
4E0P169	RB01 (0 - 0)	5/5/2004	Water	Tier II	Yes	1,3-Dinitrobenzene	CCAL %D	33.3%	<25%	ND(0.010) J	
						1,4-Naphthoquinone	CCAL %D	35.4%	<25%	ND(0.010) J	
						2-Nitroaniline	CCAL %D	89.8%	<25%	ND(0.050) J	
						3-Nitroaniline	CCAL %D	44.2%	<25%	ND(0.050) J	
						4-Chlorobenzilate	CCAL %D	29.6%	<25%	ND(0.010) J	
						4-Nitroaniline	CCAL %D	34.9%	<25%	ND(0.050) J	
						4-Nitrophenol	ICAL %RSD	37.0%	<30%	ND(0.050) J	
						4-Nitroquinoline-1-oxide	ICAL RRF	0.034	>0.05	ND(0.010) J	
						Benzidine	CCAL %D	37.8%	<25%	ND(0.020) J	
						bis(2-Chloroethyl)ether	CCAL %D	66.1%	<25%	ND(0.010) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	30.3%	<25%	ND(0.010) J	
						Isodrin	CCAL %D	75.8%	<25%	ND(0.010) J	
						o,o,o-Triethylphosphorothioate	CCAL %D	48.7%	<25%	ND(0.010) J	
						Pentachloronitrobenzene	CCAL %D	45.4%	<25%	ND(0.010) J	

TABLE C-1
ANALYTICAL DATA VALIDATION SUMMARY

FORMER OXBOWS J AND K SUPPLEMENTAL PRE-DESIGN INVESTIGATION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continued)											
4E0P169	RB02 (0 - 0)	5/5/2004	Water	Tier II	Yes	1,3-Dinitrobenzene	CCAL %D	33.3%	<25%	ND(0.010) J	
						1,4-Naphthoquinone	CCAL %D	35.4%	<25%	ND(0.010) J	
						2-Nitroaniline	CCAL %D	89.8%	<25%	ND(0.050) J	
						3-Nitroaniline	CCAL %D	44.2%	<25%	ND(0.050) J	
						4-Chlorobenzilate	CCAL %D	29.6%	<25%	ND(0.010) J	
						4-Nitroaniline	CCAL %D	34.9%	<25%	ND(0.050) J	
						4-Nitrophenol	ICAL %RSD	37.0%	<30%	ND(0.050) J	
						4-Nitroquinoline-1-oxide	ICAL RRF	0.034	>0.05	ND(0.010) J	
						Benzidine	CCAL %D	37.8%	<25%	ND(0.020) J	
						bis(2-Chloroethyl)ether	CCAL %D	66.1%	<25%	ND(0.010) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	30.3%	<25%	ND(0.010) J	
						Isodrin	CCAL %D	75.8%	<25%	ND(0.010) J	
						o,o,o-Triethylphosphorothioate	CCAL %D	48.7%	<25%	ND(0.010) J	
						Pentachloronitrobenzene	CCAL %D	45.4%	<25%	ND(0.010) J	
PCDDs/PCDFs											
4E0P034	JKS-DUP-1 (1 - 3)	5/3/2004	Soil	Tier II	No						Duplicate of RAA15-A19SW
4E0P034	RAA15-A19SW (0 - 1)	5/3/2004	Soil	Tier II	No						
4E0P034	RAA15-A19SW (1 - 3)	5/3/2004	Soil	Tier II	No						
4E0P034	RAA15-A19SW (6 - 10)	5/3/2004	Soil	Tier II	Yes	OCDD	Method Blank	-	-	ND(0.0000011)	
						PeCDFs (total)	Method Blank	-	-	ND(0.000000047)	
4E0P034	RAA15-B19S (1 - 3)	5/3/2004	Soil	Tier II	No						
4E0P034	RAA15-B19S (10 - 15)	5/3/2004	Soil	Tier II	Yes	OCDD	Method Blank	-	-	ND(0.00000081)	
4E0P034	RAA15-E15W (0 - 1)	5/3/2004	Soil	Tier II	No						
4E0P034	RAA15-E15W (1 - 3)	5/3/2004	Soil	Tier II	No						
4E0P034	RAA15-E15W (10 - 15)	5/3/2004	Soil	Tier II	Yes	1,2,3,7,8-PeCDF	Method Blank	-	-	ND(0.00000026)	
						OCDD	Method Blank	-	-	ND(0.0000017)	
						PeCDFs (total)	Method Blank	-	-	ND(0.00000019)	
4E0P034	RAA15-E15W (3 - 6)	5/3/2004	Soil	Tier II	No						
4E0P034	RB-050304-1 (0 - 0)	5/3/2004	Soil	Tier II	No						
4E0P060	RAA15-E15N (0 - 1)	5/4/2004	Soil	Tier I	No						
4E0P060	RAA15-E15N (1 - 3)	5/4/2004	Soil	Tier I	No						
4E0P060	RAA15-E15N (3 - 6)	5/4/2004	Soil	Tier I	No						
4E0P060	RAA15-E15N (6 - 10)	5/4/2004	Soil	Tier I	No						
4E0P169	RAA15-C6 (6 - 10)	5/5/2004	Soil	Tier II	Yes	1,2,3,6,7,8-HxCDD	Method Blank	-	-	ND(0.0000037)	
						1,2,3,7,8,9-HxCDD	Method Blank	-	-	ND(0.0000025)	
						1,2,3,7,8-PeCDD	Method Blank	-	-	ND(0.0000023)	
Sulfide and Cyanide											
4E0P034	JKS-DUP-1 (1 - 3)	5/3/2004	Soil	Tier I	No						Duplicate of RAA15-A19SW
4E0P034	RAA15-A19SW (0 - 1)	5/3/2004	Soil	Tier I	No						
4E0P034	RAA15-A19SW (1 - 3)	5/3/2004	Soil	Tier I	No						
4E0P034	RAA15-A19SW (6 - 10)	5/3/2004	Soil	Tier I	No						
4E0P034	RAA15-B19S (1 - 3)	5/3/2004	Soil	Tier I	No						
4E0P034	RAA15-B19S (10 - 15)	5/3/2004	Soil	Tier I	No						
4E0P034	RAA15-E15W (0 - 1)	5/3/2004	Soil	Tier I	No						
4E0P034	RAA15-E15W (1 - 3)	5/3/2004	Soil	Tier I	No						
4E0P034	RAA15-E15W (10 - 15)	5/3/2004	Soil	Tier I	No						
4E0P034	RAA15-E15W (3 - 6)	5/3/2004	Soil	Tier I	No						
4E0P034	RB-050304-1 (0 - 0)	5/3/2004	Water	Tier I	No						
4E0P060	RAA15-E15N (0 - 1)	5/4/2004	Soil	Tier I	No						
4E0P060	RAA15-E15N (1 - 3)	5/4/2004	Soil	Tier I	No						
4E0P060	RAA15-E15N (3 - 6)	5/4/2004	Soil	Tier I	No						
4E0P169	RAA15-C6 (6 - 10)	5/5/2004	Soil	Tier I	No						