



GE  
159 Plastics Avenue  
Pittsfield, MA 01201  
USA

*Transmitted Via Overnight Delivery*

February 10, 2006

Mr. William P. Lovely, Jr.  
United States Environmental Protection Agency  
EPA New England (MC HBO)  
One Congress Street, Suite 1100  
Boston, Massachusetts 02114-2023

**Re: Floodplain GE-Pittsfield/Housatonic River Site  
Floodplain Residential and Non-Residential Properties Adjacent to 1½ Mile Reach of  
Housatonic River (GEC710 and GEC720)  
Addendum to Removal Design/Removal Action Work Plan for the Phase 4 Floodplain Properties**

Dear Mr. Lovely:

In August 2005, the General Electric Company (GE) submitted to the United States Environmental Protection Agency (EPA) a document titled *Removal Design/Removal Action Work Plan for the Phase 4 Floodplain Properties* (RD/RA Work Plan). EPA provided conditional approval of that work plan in a letter to GE dated January 24, 2006. That letter directed GE to address EPA's comments, and to provide a schedule for selecting a Remediation Contractor and submitting a Supplemental Information Package, in an Addendum to the RD/RA Work Plan. This letter serves as that Addendum.

GE's responses to the comments contained in EPA's conditional approval letter are set forth below.

EPA Comment No. 1 – *Based on constructability and other factors, GE shall consider expanding the excavation limits shown on Technical Drawing 7 of the Work Plan to a 2-foot depth in the vicinity of boring locations RB021921 and RB021882, and to a 3-foot depth in the vicinity of boring locations BW-0017 and RB021922.*

GE Response – GE has elected to expand the excavation limits to a 2-foot depth in the vicinity of boring locations RB021921 and RB021882, and to a 3-foot depth in the vicinity of boring locations BW-0017 and RB021922, based on constructability and related factors. The revised excavation limits are shown on revised Technical Drawing 7, attached to this letter as Attachment A.

EPA Comment No. 2 – *GE shall extend the excavation limits shown on Technical Drawing 9 of the Work Plan to include all soil within the top foot of the footprint of the natural pool located on Parcel I6-1-106.*

GE Response – GE has expanded the excavation limits to include all soil within the top foot of the footprint within the natural pool located on Parcel I6-1-106. The revised excavation limits are shown on revised Technical Drawing 9, attached to this letter as Attachment B.

EPA Comment No. 3 – *The location of soil sample number RA89EE000 shown on Figure 1-5 does not agree with EPA's plot of the data. GE shall review the location of this soil sampling location and revise the excavation limits as shown on Technical Drawing 9, if necessary.*

GE Response – In Comment No. 1 of EPA's June 14, 2005 conditional approval letter for GE's *Pre-Design Investigation Report for Phase 4 Floodplain Properties* (copy provided in Attachment C), EPA stated that "GE shall compare the EPA sampling locations shown on the figures in the Report to those shown in the above-referenced documents and modify them accordingly in the RD/RA Work Plan for the Phase 4 Floodplain Properties." The "above-referenced documents" referred to documents titled *Site Investigation Report for the General Electric Residential Sampling Project, Residential Property – R72* and *Site Investigation Report for the General Electric Residential Sampling Project, Residential Property – R89*. A copy of Figure 1 from the latter document indicating the location of soil sample number RA89EE000 is provided in Attachment D. In response to that directive, GE revised the location of soil sample number RA89EE000 from a location based on the survey coordinates previously provided by EPA to a location generally consistent with the location of that sample shown on the figure provided in Attachment D. That revised location was presented on Figure 1-5 of the RD/RA Work Plan. Thus, the location shown on that figure is generally consistent with the location shown on Attachment D.

EPA Comment No. 4 – *GE shall revise the truck traffic routes shown on Figure 9-1 based on recent modifications to the operating procedures for the On-Plant Consolidation Areas (OPCAs).*

GE Response – GE has revised the truck traffic routes presented on Figure 9-1 to be in accordance with the operating procedures for the On-Plant Consolidation Areas (OPCAs). Figure 9-1 has been revised and attached to this letter as Attachment E.

EPA Comment No. 5 – *GE shall revise Section 7.6 (Applicable or Relevant and Appropriate Requirements) to include citations to the federal Executive Order for Wetlands Protection and the federal Clean Water Act, Section 404 Requirements. See the Statement of Work, Technical Attachment B, Table 3, Page 5. In addition, EPA and the State have identified the occurrence of a Commonwealth of Massachusetts Species of Special Concern, the wood turtle, in the area of the Phase 4 Floodplain Properties. Accordingly, GE shall revise Section 7.6 to include a citation to the Massachusetts Endangered Species Act and Regulations, even though they are not listed as an ARAR under the tables in Technical Attachment B to the Statement of Work for Removal Actions Outside the River. In addition, the "Associated Project Components" box for each wetland and endangered species ARAR shall be modified to include a bullet describing removal of vegetation in the course of any aspect of the work and not just soil removal.*

GE Response – A revised Section 7.6 is provided herein in Attachment F.

EPA Comment No. 6 – *GE shall include detailed requirements in the Supplemental Information Package regarding mitigative measures to address all impacted resources (i.e., wetlands, the pool located on Parcel I6-1-106, and any species of concern). Such specifications shall include, but not be limited to, site preparation (including measures to inventory and mitigate impacts to habitats and species of concern), excavation, resoiling, short-term erosion control, restoration (including wetlands restoration), and Post Removal Site Control. The mitigative measures shall address soil removal areas and any other area affected by site work, such as access roads and staging areas.*

GE Response – GE will address the above-referenced requirements in the forthcoming Supplemental Information Package.

In addition to the above comments, EPA's conditional approval letter directed GE to include in the Addendum proposed deadlines for selecting a Remediation Contractor and submitting a Supplemental Information Package. GE proposes to select a Remediation Contractor for the work at the Phase 4 Floodplain Properties by March 15, 2006, and to submit a Supplemental Information Package within 30 days after selecting the Remediation Contractor.

Please call Dick Gates if you have any questions about this Addendum.

Sincerely,



Richard Gates  
Remediation Project Manager

**Attachments**

V:\GE\_Houzzonic\_Mile\_and\_Half\Reports and Presentations\Addendum Phase 4\0896219GLr.doc

cc: Dean Tagliaferro, EPA  
Rose Howell, EPA\*  
Holly Inglis, EPA  
Tim Conway, EPA  
John Kilborn, EPA  
K.C. Mitkevicius, USACE  
Linda Palmieri, Weston  
Susan Steenstrup, MDEP (2 copies)  
Anna Symington, MDEP\*  
Robert Bell, MDEP\*  
Thomas Angus, MDEP\*  
Joanne Flescher, MDEP\*  
Nancy E. Harper, MA AG\*  
Dale Young, MA EOEA\*  
Mayor James Ruberto, City of Pittsfield

Teresa Bowers, Gradient  
Jeffrey Bernstein, Bernstein, Cushner & Kimmel  
Caleb Mitchell, Pittsfield Conservation Commission  
Charles Dooley, Western Mass. Electric Co.  
Property Owners – Parcels I7-1-2, I6-1-66, I6-1-67,  
I6-1-102, & I6-1-105  
Michael Carroll, GE\*  
Andrew Silber, GE  
Rod McLaren, GE\*  
James Nuss, BBL  
James Bieke, Goodwin Procter  
Public Information Repositories  
GE Internal Repository

\* without attachments

# Attachments

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## ***Attachment A***

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### **Revised Technical Drawing No. 7: Excavation Limits for Group 4A**

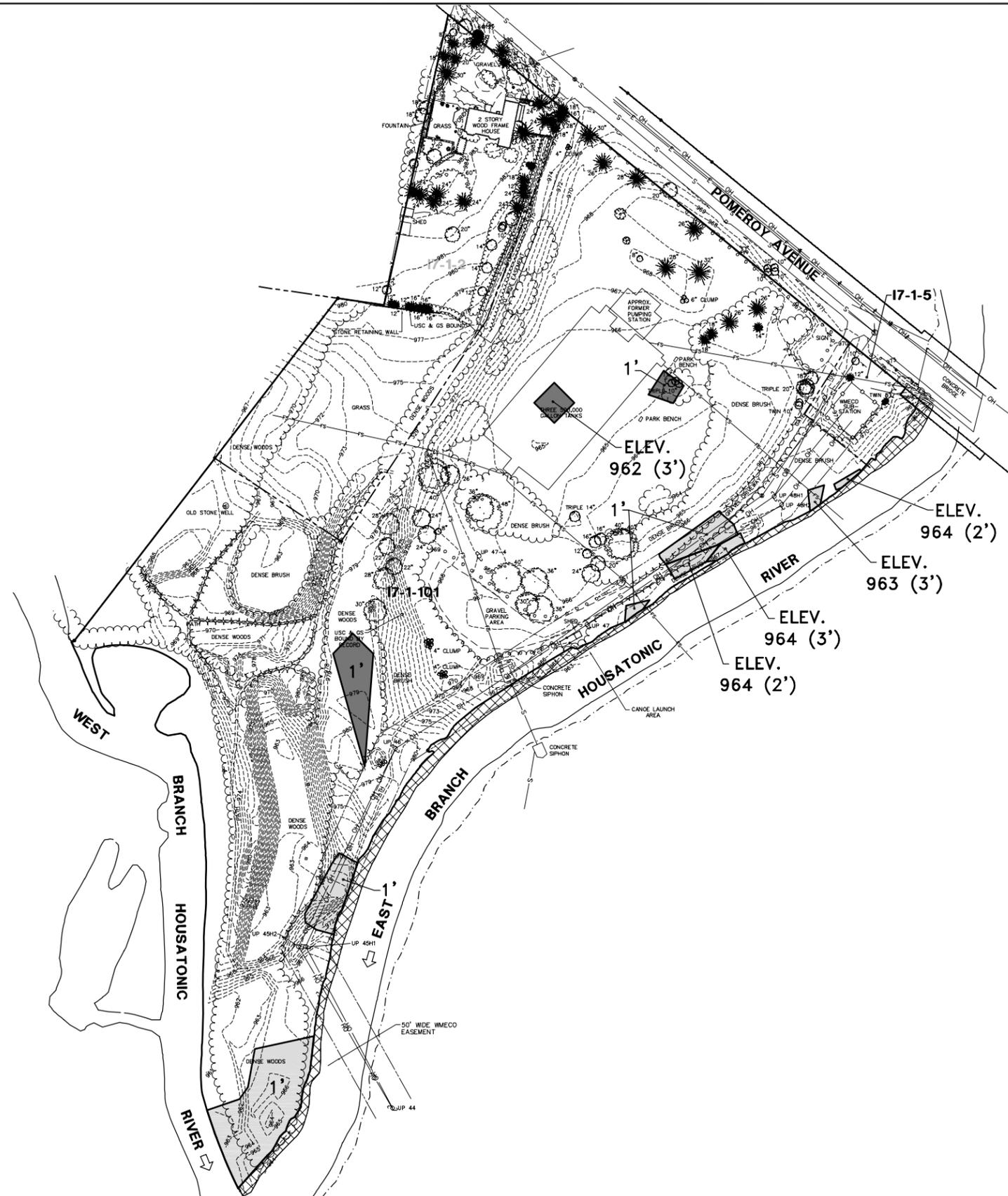


LEGEND

- APPROXIMATE PARCEL BOUNDARY
- 17-1-2** RESIDENTIAL PROPERTY PARCEL ID
- 17-1-5** NON-RESIDENTIAL PROPERTY PARCEL ID
- BOUNDARY OF FLOODPLAIN PROPERTIES (PORTION OF BOUNDARY ADJACENT TO THE EAST BRANCH OF THE HOUSATONIC RIVER INDICATES TOP OF BANK AS AGREED UPON BY GE AND EPA)
- AREA TO BE ADDRESSED BY EPA IN 1 1/2 MILE REACH REMOVAL AREA
- SIGN
- UTILITY POLE & GUY WIRE
- CATCH BASIN
- HYDRANT
- SANITARY MANHOLE
- METAL GUARDRAIL
- STOCKADE FENCE
- WIRE FENCE LINE
- EASEMENT
- ELEVATION CONTOUR
- CHAIN LINK FENCE
- ROW OF WOODEN BOLLARDS
- SANITARY SEWER
- OVERHEAD WIRES
- WATER LINE
- ELECTRIC LINE
- FORMER SEWER LINE LOCATION PER CITY OF PITTSFIELD ENGINEERING DEPT. DRAWING IN BOX 61, NO. 24
- EDGE OF BUSHES/HEDGE
- SHRUB
- CONIFEROUS TREE
- DECIDUOUS TREE
- TSCA OR RCRA REMOVAL (SEE NOTE 3)
- NON-TSCA/NON-RCRA REMOVAL (SEE NOTE 3)

NOTES:

1. REFER TO DRAWING 1 FOR ADDITIONAL BASEMAP INFORMATION AND CONTRACTOR REQUIREMENTS.
2. AREAS DESIGNATED AS 1' WILL BE SUBJECT TO SOIL REMOVAL ACTIVITIES TO A DEPTH OF 1 FOOT BELOW GROUND SURFACE. ALL OTHER EXCAVATIONS SHALL EXTEND TO THE SPECIFIED ELEVATION. (DEPTHS SHOWN IN PARENTHESES ARE PROVIDED FOR INFORMATIONAL PURPOSES ONLY).
3. EXCAVATED MATERIALS SPECIFIED HEREIN AS TSCA TO BE DISPOSED OF AT THE BUILDING 71 OPCA. ALL OTHER EXCAVATION MATERIALS SPECIFIED HEREIN TO BE DISPOSED OF AT THE HILL 78 OPCA.
4. TREES AND RIPRAP WITHIN THE LIMITS OF EPA'S HOUSATONIC RIVER EXCAVATION SHALL BE PROTECTED OR RESTORED TO EXISTING CONDITION.
5. CONTRACTOR SHALL TAKE PRECAUTIONARY MEASURES IN THE VICINITY OF UTILITY POLES THROUGHOUT THE IMPLEMENTATION OF REMOVAL ACTIONS.
6. THE CONTRACTOR SHALL SHEAR/SHRED ALL TREES AND SHRUBS (INCLUDING ROOTS) REMOVED DURING THE PERFORMANCE OF RESPONSE ACTIONS FOR TRANSPORTATION TO THE BUILDING 71 OPCA.



X: 40122X00, X06.DWG  
 L: ON=\*, OFF=REF\*, [A]VELIMIT, [U]TILITY-BAND, [X]FLOOD  
 P: PAGESET/SYR-CDL  
 2/10/06 SYR-85-DMW LAF KLS  
 N/40122005/RDRA/ADDENDUM/40122003.DWG



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

No.	Date	Revisions	Init

Professional Engineer's Name	
Professional Engineer's No.	
State	Date Signed
Project Mgr.	Designed by
ACC	DMW



GENERAL ELECTRIC COMPANY • PITTSFIELD, MASSACHUSETTS  
 ADDENDUM TO RD/RA WORK PLAN FOR THE PHASE 4 FLOODPLAIN PROPERTIES

## EXCAVATION LIMITS FOR GROUP 4A

TECHNICAL DRAWINGS

BBL Project No. 401.22
Date FEBRUARY 2006
Blasland, Bouck & Lee, Inc. Corporate Headquarters 6723 Towpath Road Syracuse, NY 13214 315-446-9120

## ***Attachment B***

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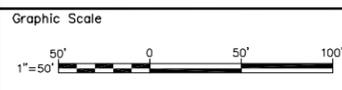
### **Revised Technical Drawing No. 9: Excavation Limits for Group 4C**



- LEGEND**
- APPROXIMATE PARCEL BOUNDARY
  - 16-1-63** RESIDENTIAL PROPERTY PARCEL ID
  - 16-1-62** NON-RESIDENTIAL PROPERTY PARCEL ID
  - BOUNDARY OF FLOODPLAIN PROPERTIES (PORTION OF BOUNDARY ADJACENT TO RIVER INDICATES TOP OF BANK AS AGREED UPON BY GE AND EPA)
  - ▨ AREA TO BE ADDRESSED BY EPA IN 1 1/2 MILE REACH REMOVAL AREA
  - UTILITY POLE
  - ☆ LIGHT POLE
  - ⊗ HYDRANT
  - ⊙ SANITARY MANHOLE
  - STONE WALL/RETAINING WALL
  - WOODEN FENCE
  - X --- WIRE FENCE LINE
  - ○ --- CHAIN LINK FENCE
  - EASEMENT
  - ELEVATION CONTOUR
  - S --- SANITARY SEWER
  - DH --- OVERHEAD WIRES
  - V --- WATER SERVICE
  - G --- GAS SERVICE
  - EDGE OF BUSHES/HEDGE
  - SHRUB
  - ⊗ CONIFEROUS TREE
  - DECIDUOUS TREE
  - ▨ TSCA OR RCRA REMOVAL (SEE NOTE 3)
  - NON-TSCA/NON-RCRA REMOVAL (SEE NOTE 3)

- NOTES:**
1. REFER TO DRAWING 3 FOR ADDITIONAL BASEMAP INFORMATION AND CONTRACTOR REQUIREMENTS.
  2. AREAS DESIGNATED AS 1' WILL BE SUBJECT TO SOIL REMOVAL ACTIVITIES TO A DEPTH OF 1 FOOT BELOW GROUND SURFACE. ALL OTHER EXCAVATIONS SHALL EXTEND TO THE SPECIFIED ELEVATION. (DEPTHS SHOWN IN PARENTHESES ARE PROVIDED FOR INFORMATIONAL PURPOSES ONLY).
  3. EXCAVATED MATERIALS SPECIFIED HEREIN AS TSCA TO BE DISPOSED OF AT THE BUILDING 71 OPCA. ALL OTHER EXCAVATION MATERIALS SPECIFIED HEREIN TO BE DISPOSED OF AT THE HILL 78 OPCA.
  4. TREES AND RIPRAP WITHIN THE LIMITS OF EPA'S HOUSATONIC RIVER EXCAVATION SHALL BE PROTECTED OR RESTORED TO EXISTING CONDITION.
  5. CONTRACTOR SHALL TAKE PRECAUTIONARY MEASURES IN THE VICINITY OF UTILITY POLES THROUGHOUT THE IMPLEMENTATION OF REMOVAL ACTIONS.
  6. THE CONTRACTOR SHALL SHEAR/SHRUD ALL TREES AND SHRUBS (INCLUDING ROOTS) REMOVED DURING THE PERFORMANCE OF RESPONSE ACTIONS FOR TRANSPORTATION TO THE BUILDING 71 OPCA.

X: 40122X00, X01.DWG  
 L: ON=\*, OFF=REF\*, [3-c, [4B-RIVER\*, [4-c\*, [A]VELIMIT\*, [FLOOD, [GROUP-4B  
 P: PAGESET/SYR-CDL  
 2/10/06 SYR-85-DMW LAF KLS  
 N/40122006/RDRA/ADDENDUM/40122007.DWG



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

No.	Date	Revisions	Init

Professional Engineer's Name		
Professional Engineer's No.		
State	Date Signed	
Project Mgr.	Designed by	Drawn by
ACC	DMW	



GENERAL ELECTRIC COMPANY • PITTSFIELD, MASSACHUSETTS  
 ADDENDUM TO RD/RA WORK PLAN FOR THE PHASE 4 FLOODPLAIN PROPERTIES  
**EXCAVATION LIMITS FOR GROUP 4C**  
 TECHNICAL DRAWINGS

BBL Project No. 401.22
Date FEBRUARY 2006
Blasland, Bouck & Lee, Inc. Corporate Headquarters 6723 Towpath Road Syracuse, NY 13214 315-446-9120

## ***Attachment C***

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**Copy of EPA's June 14, 2005  
Conditional Approval of  
GE's *PDI Report for  
Phase 4 Floodplain Properties***



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
ONE CONGRESS STREET, SUITE 1100  
BOSTON, MA 02114-2023

June 14, 2005

Mr. Andrew Silfer  
Corporate Environmental Programs  
General Electric Company  
159 Plastics Avenue  
Pittsfield, MA 01201

Via Electronic and U.S. Mail

Re: **Conditional Approval of General Electric's *Pre-Design Investigation Report for Phase 4 Floodplain Properties*, GE- Pittsfield/Housatonic River Site, Pittsfield, Massachusetts.**

Dear Mr. Silfer:

This letter provides the Environmental Protection Agency's (EPA) conditional approval of the above-referenced *Pre-Design Investigation Report for Phase 4 Floodplain Properties*, dated April 2005 (Report). The Report is subject to the terms and conditions specified in the Consent Decree (CD) that was entered in U.S. District Court on October 27, 2000.

Pursuant to Paragraph 73 of the CD, EPA, after consultation with the Massachusetts Department of Environmental Protection (MDEP), approves the Report subject to the following conditions.

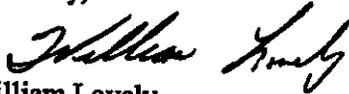
1. EPA sample locations provided on the figures in the Report reflect the survey coordinates provided to GE in EPA's database exchange. However, EPA has identified several discrepancies between the locations depicted in the Report figures and the locations described in documents titled *Site Investigation Report for the General Electric Residential Sampling Project, Residential Property- R72 and Site Investigation Report for the General Electric Residential Sampling Project, Residential Property-R89*. For example, locations R72DZ214, R72DZ237, R72DZ260, R72DZ283, R72DZ306, which are shown on the western portion of Parcel I6-1-67, should be located on the western portion of Parcel I6-1-66. All samples with a prefix of "R72" were collected from Parcel I6-1-66. Similarly, all samples with prefix RA89 were collected from Parcel I6-1-106, samples with prefix RB89 were collected from I6-1-62, all samples with prefix RC89 were collected from parcel I6-1-104, and all samples with prefix RD 89 were collected from Parcel I6-1-103. GE shall compare the EPA sampling locations shown on the figures in the Report to those shown in the above-referenced documents and modify them accordingly in the RD/RA Work Plan for the Phase 4 Floodplain Properties.

2. GE shall show the wetland pools located at Parcel I6-1-106 in figures to be provided in the RD/RA Work Plan, as appropriate.
3. Section 5 of the Report states that GE will submit a supplemental PDI letter report within 45 days of EPA's approval of this Report. The Report also states that the RD/RA Work Plan will be submitted within 2 months from the date of submission of the supplemental PDI letter report, assuming that no additional sampling activities are necessary. GE shall submit the Supplemental PDI report within 30 days from the date of this letter and the RD/RA Work Plan for the Phase 4 Floodplain Properties within 45 days from the date of the Supplemental PDI letter report. This will help to ensure good coordination between the removal action along the 1-1/2 Mile Reach and the removal action within the abutting floodplain properties.

If there is any conflict between the Performance Standards as described in the Work Plan and as set forth in the Consent Decree and/or Statement of Work for Removal Actions Outside the River (Appendix E to the Consent Decree), the Consent Decree and Statement of Work shall control. EPA reserves its right to perform additional sampling and/or require additional sampling or Response Actions, if necessary, to meet the requirements of the Consent Decree.

If you have any questions, please contact me at (617) 918-1240.

Sincerely,



William Lovely  
GE Facility Project Manager

cc.

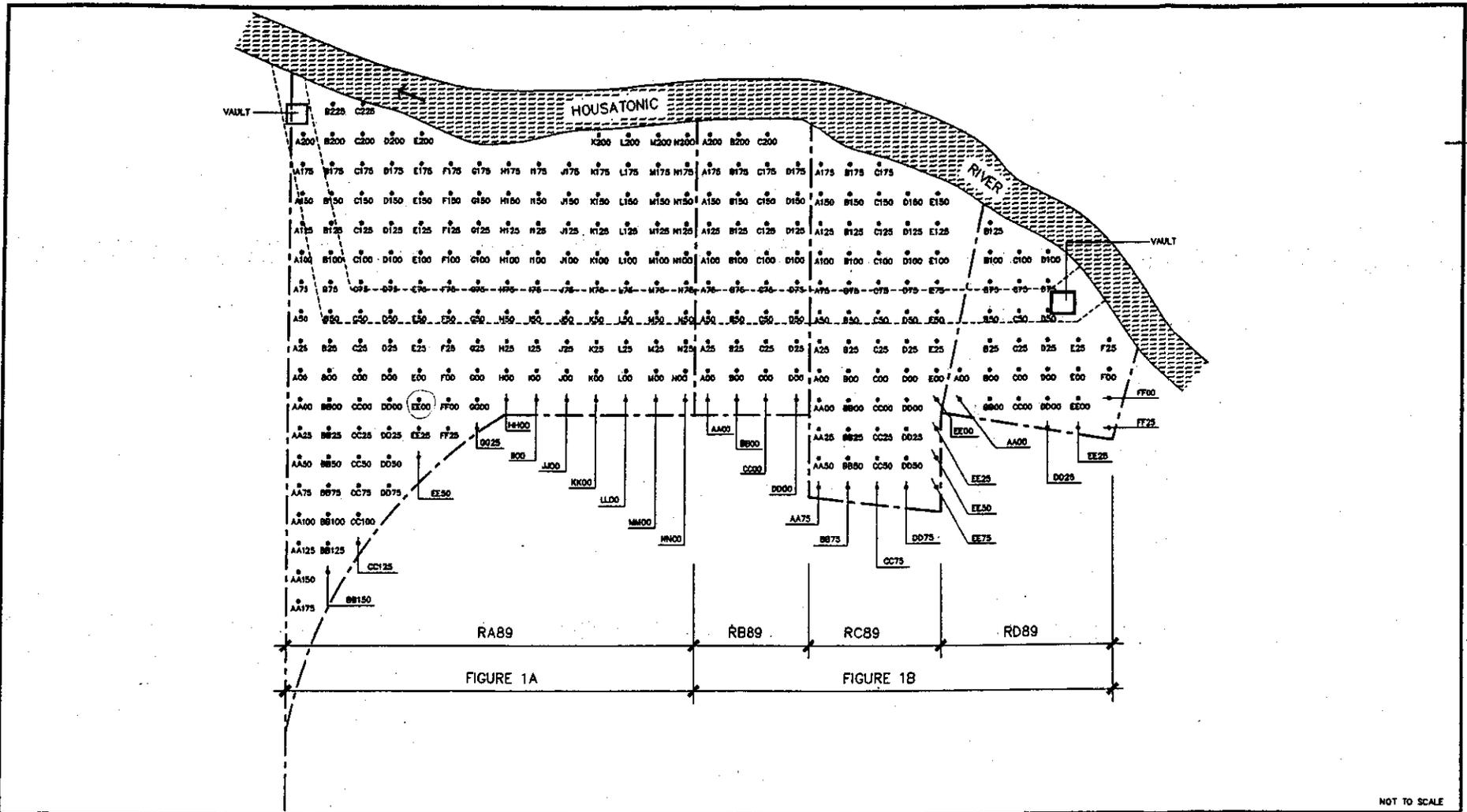
Dean Tagliaferro, EPA  
John Kilborn, EPA  
Rose Howell, EPA  
Holly Inglis, EPA  
Sue Steenstrup, MDEP  
Anna Symington, MDEP  
Robert Bell, MDEP  
Thomas Angus, MDEP  
Nancy E. Harper, MA AG  
K.C. Mitkevicius, USACE  
Mayor James Ruberto, City of Pittsfield

Caleb Mitchell, Conservation Commission  
Rod McLaren, GE  
Mike Carroll, GE  
Richard Gates, GE  
James Nuss, BBL  
James Bieke, Goodwin Procter LLP  
Linda Palmieri, Weston Solutions  
Dale Young, MA EOEA  
Affected Property Owners  
Public Information Repositories

## ***Attachment D***

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**Figure 1 from May 1999  
Site Investigation Report for the  
General Electric Residential Sampling  
Project, Residential Property – R89,  
presenting location of  
EPA sample RA89EE000**



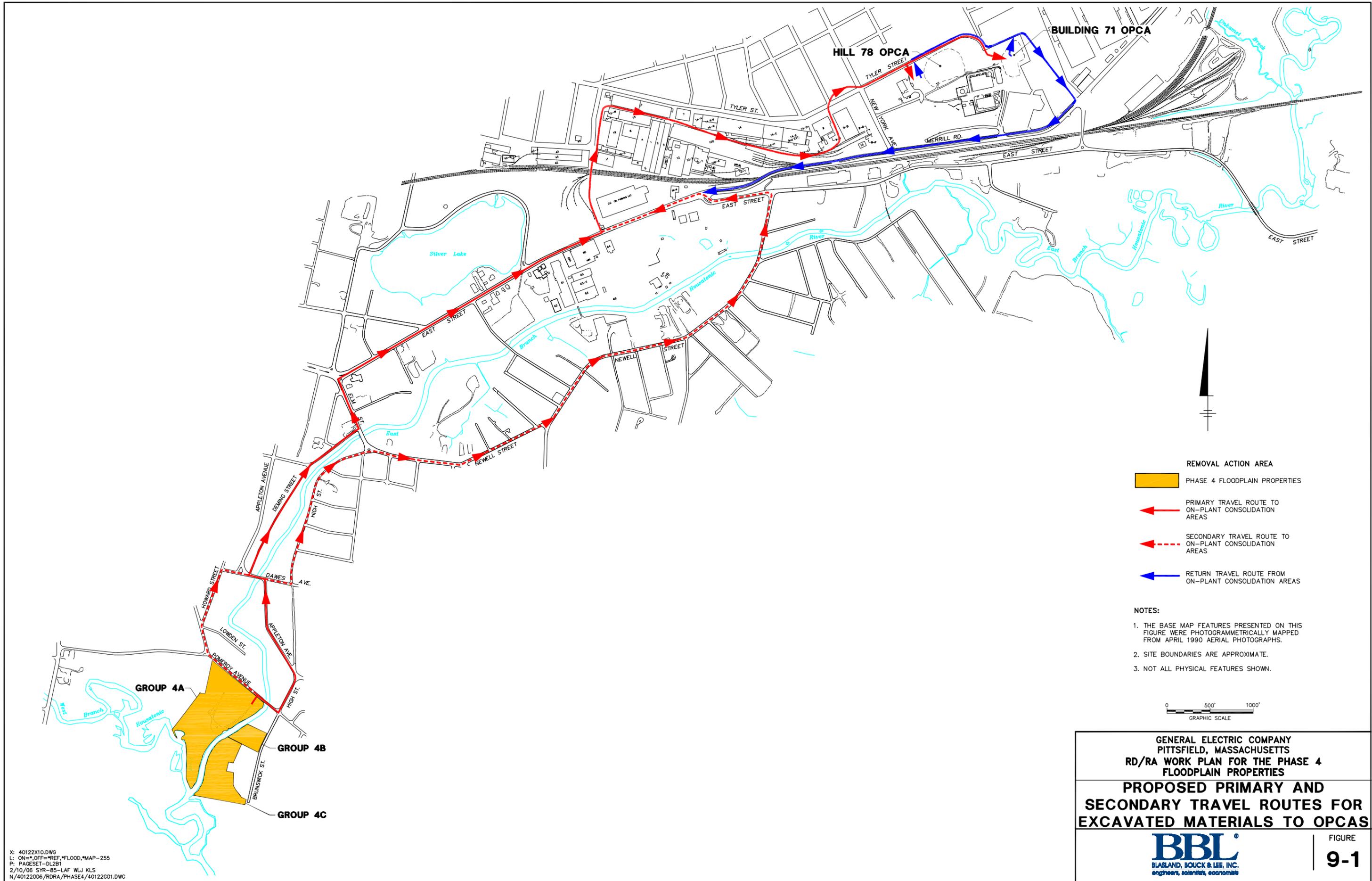
NOT TO SCALE

<p><b>LEGEND</b></p> <p>--- APPROXIMATE PROPERTY LINE</p> <p>• GRID NODE SAMPLING LOCATION</p> <p>▨ SURFACE WATER</p> <p>→ FLOW DIRECTION</p> <p>----- SEWER EASEMENT</p>	<p><b>NOTES</b></p>	<p><b>SITE AND SAMPLE LOCATION DIAGRAM</b></p> <p>R89</p> <p>PITTSFIELD, MASSACHUSETTS</p>	<p><b>WESTON</b> MANAGERS DESIGNERS/CONSULTANTS</p> <p>REGION 1 SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM</p> <p>TWO # 98-05-0178    DRAWN BY: W. SHAW    DATE 4/5/99</p> <p>FILE NAME: R:\98040011\ACAD\R89</p> <p><b>FIGURE 1</b></p>	
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## ***Attachment E***

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### **Revised Figure 9-1: Proposed Primary and Secondary Travel Routes for Excavated Materials to OPCAs**



## ***Attachment F***

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### **Revised Section 7.6 from the RD/RA Work Plan (Applicable or Relevant and Appropriate Requirements)**

## 7.6 Applicable or Relevant and Appropriate Requirements

The remediation actions to be conducted at the Phase 4 floodplain properties will be subject to several ARARs. Attachment B to the SOW identifies the chemical-, action-, and location-specific ARARs for Removal Actions Outside the River. As noted above, the Removal Action for the Phase 4 floodplain properties includes soil removal/replacement. These activities will be performed within the 100-year floodplain of the Housatonic River. In these circumstances, this Removal Action is subject to the following ARARs identified in Attachment B to the SOW: action-specific ARARs identified in Table 2, subsection B (“Soil Removal”), subsections I and J (regarding consolidation of excavated soils at the OPCAs), and potentially subsection K (“Other”); and location-specific ARARs identified in Table 3, subsection B (“Floodplains, Wetlands, and Banks”). If excavation activities involve removal and on-site storage (at the GE Plant Area) of free product, intact drums, and/or other materials that cannot be consolidated at the OPCAs, and thus will be subsequently disposed off site, the ARARs identified in Table 2, subsection H (“Temporary On-Site Storage of Free Product, Drums, and Equipment That Will Be Disposed of Off-Site”) of Attachment B to the SOW will apply to such storage. In addition, disposition of excavated materials at GE’s OPCAs will be subject to the ARARs for consolidation at the OPCAs (set forth in Table 1 of the Detailed Work Plan for OPCAs).

A summary of the ARARs that were considered with respect to the remediation proposed herein, along with the associated project component(s) and means by which the ARAR is addressed by the design and implementation activities, is as follows:

ARAR	Associated Project Components	Means by Which ARAR Will Be Addressed
Toxic Substances Control Act (TSCA) Regulations (PCB Remediation Waste) (40 CFR 761.61)	<ul style="list-style-type: none"> <li>Soil removal</li> </ul>	<ul style="list-style-type: none"> <li>EPA has determined that Removal Actions conducted in accordance with the CD and SOW will not pose an unreasonable risk of injury to health or the environment.</li> </ul>
TSCA Regulations (Decontamination) (40 CFR 761.79)	<ul style="list-style-type: none"> <li>Soil removal (equipment cleaning)</li> </ul>	<ul style="list-style-type: none"> <li>Will be attained by cleaning equipment as necessary in accordance with TSCA regulations (see Section 9.5.4).</li> </ul>

ARAR	Associated Project Components	Means by Which ARAR Will Be Addressed
Resource Conservation and Recovery Act (RCRA) Hazardous Waste Regulations (40 CFR 261.24)	<ul style="list-style-type: none"> <li>• Soil removal</li> </ul>	<ul style="list-style-type: none"> <li>• GE will review the relevant Appendix IX+3 data from the soils to be excavated, using a conservative screening tool (i.e., dividing the total sample results by 20) and comparing the results to allowable concentration limits associated with the Toxicity Characteristic Leaching Procedure (TCLP) under these regulations. If exceedances result from this comparison, soils will be placed in the Building 71 OPCA. Other soils will be subject to placement in either OPCA.</li> </ul>
Clean Water Act NPDES Regulations (Stormwater Discharges) (40 CFR 122.44(k); 40 CFR 122.26(c)(ii)(C); 40 CFR 125.100-.104)	<ul style="list-style-type: none"> <li>• Soil removal</li> </ul>	<ul style="list-style-type: none"> <li>• Implementation of erosion and sedimentation controls (Section 9.4.5).</li> </ul>
Massachusetts Air Pollution Control Requirements (310 CMR 7.09)	<ul style="list-style-type: none"> <li>• Soil removal</li> </ul>	<ul style="list-style-type: none"> <li>• Implementation of dust control measures (as necessary) and air monitoring (Sections 9.5.1 and 9.6).</li> </ul>
TSCA Regulations (Storage for Disposal) (40 CFR 761.61; 40 CFR 761.65)	<ul style="list-style-type: none"> <li>• Temporary storage of removed materials</li> </ul>	<ul style="list-style-type: none"> <li>• Temporary storage of free product and liquids in tanks or containers at GE's existing on-plant tank system or hazardous waste storage facility, both of which meet the long-term PCB storage requirements of TSCA.</li> <li>• Temporary storage of drums and other equipment in containers at GE's existing on-plant hazardous waste storage facility, which meets the long-term PCB storage requirements of TSCA.</li> </ul>
TSCA Regulations (PCB Marking Requirements) (40 CFR 761.40)	<ul style="list-style-type: none"> <li>• Temporary storage of removed materials</li> </ul>	<ul style="list-style-type: none"> <li>• Will be attained by marking PCB items in accordance with these requirements.</li> </ul>

ARAR	Associated Project Components	Means by Which ARAR Will Be Addressed
RCRA Hazardous Waste Regulations (Storage of Hazardous Waste) (40 CFR 264, Subparts I and J 40 CFR 262.34)	<ul style="list-style-type: none"> <li>• Temporary storage of removed materials</li> </ul>	<ul style="list-style-type: none"> <li>• Temporary storage of free product and liquids in tanks or containers at GE's existing on-plant tank system or hazardous waste storage facility, both of which meet the long-term PCB storage requirements of TSCA.</li> <li>• Temporary storage of drums and other equipment in containers at GE's existing on-plant hazardous waste storage facility.</li> <li>• Storage of materials in tanks will be limited to 90 days or less and will meet the substantive requirements for up to 90-day accumulation in tanks.</li> <li>• Materials in containers will be stored at GE's hazardous waste storage facility, which meets the requirements for long-term storage of hazardous waste in containers.</li> </ul>
RCRA Hazardous Waste Management/Disposal Facilities Regulations (Preparedness and Prevention) (40 CFR 264, Subpart C)	<ul style="list-style-type: none"> <li>• Temporary storage of removed materials</li> </ul>	<ul style="list-style-type: none"> <li>• GE's existing on-plant hazardous waste storage facility meets these requirements.</li> </ul>
RCRA Hazardous Waste Management/Disposal Facilities Regulations (General) (40 CFR 264.13 - .19)	<ul style="list-style-type: none"> <li>• Temporary storage of removed materials</li> </ul>	<ul style="list-style-type: none"> <li>• Operation of GE's existing on-plant hazardous waste storage facility meets these requirements.</li> </ul>
RCRA Hazardous Waste Management/Disposal Facilities Regulations (Closure) (40 CFR 264.111 - .115)	<ul style="list-style-type: none"> <li>• Temporary storage of removed materials</li> </ul>	<ul style="list-style-type: none"> <li>• Upon termination of operations, GE's existing on-plant hazardous waste storage facility will be closed in accordance with the substantive requirements of these regulations.</li> </ul>
Massachusetts Hazardous Waste Regulations (Storage of Hazardous Waste) (310 CMR 30.680, 30.690, 30.340)	<ul style="list-style-type: none"> <li>• Temporary storage of removed materials</li> </ul>	<ul style="list-style-type: none"> <li>• See discussion of Federal RCRA Hazardous Waste Regulations (Storage of Hazardous Waste) above.</li> </ul>
Massachusetts Hazardous Waste Regulations (Closure) (310 CMR 30.580)	<ul style="list-style-type: none"> <li>• Temporary storage of removed materials</li> </ul>	<ul style="list-style-type: none"> <li>• See discussion of Federal RCRA Hazardous Waste Regulations (Closure) above.</li> </ul>

ARAR	Associated Project Components	Means by Which ARAR Will Be Addressed
ARARs Relating to Disposition of Excavated Materials in OPCAs	<ul style="list-style-type: none"> <li>• Permanent consolidation of removed materials at OPCAs</li> </ul>	<ul style="list-style-type: none"> <li>• Refer to August 25, 1999 letter from GE to EPA re: <i>Supplemental Addendum to June 1999 Detailed Work Plan</i>, for relevant ARARs relating to disposition of excavated material at the OPCAs and means of addressing such ARARs.</li> </ul>
TSCA Spill Cleanup Policy (40 CFR 761, Subpart G)	<ul style="list-style-type: none"> <li>• New PCB spills (if any) during on-site activities</li> </ul>	<ul style="list-style-type: none"> <li>• GE will consider and address cleanup policy for any new PCB spills that occur during the work.</li> </ul>
Executive Order for Floodplain Management [Exec. Order 11988 (1977); 40 CFR Part 6, App. A; 40 CFR 6.302(b)]	<ul style="list-style-type: none"> <li>• Soil removal activities in floodplain</li> </ul>	<ul style="list-style-type: none"> <li>• No practical alternative with less adverse impact on floodplain.</li> <li>• Implementation of erosion and sedimentation controls (Section 9.4.5).</li> <li>• Performance of excavation and backfill/restoration in a manner that will avoid a loss in flood storage capacity (Section 7.5).</li> <li>• Restoration of habitat (Section 9.5.5).</li> </ul>
Executive Order for Wetlands Protection [Exec. Order 11990 (1977); 40 CFR 6.302(a); 40 CFR Part 6, App. A]	<ul style="list-style-type: none"> <li>• Soil removal</li> <li>• Removal of vegetation</li> </ul>	<ul style="list-style-type: none"> <li>• No practical alternative with less adverse impact on wetlands.</li> <li>• Implementation of measures to minimize adverse impact on wetlands.</li> <li>• Implementation of erosion and sedimentation controls (Section 9.4.5).</li> <li>• Restoration of disturbed vegetation and, if necessary, the natural pool at Parcel I6-1-106 (Section 9.5.5).</li> </ul>
Massachusetts Wetlands Protection Act and Regulations [MGL c. 131 §40; 310 CMR 10.53(3)(q); 310 CMR 10.54 - .58]	<ul style="list-style-type: none"> <li>• Soil removal</li> <li>• Placement of fill materials within 100-year floodplain</li> <li>• Removal of vegetation</li> </ul>	<ul style="list-style-type: none"> <li>• No practical alternative with less adverse impact on resource areas.</li> <li>• Implementation of measures to minimize adverse impact on wetlands.</li> <li>• Implementation of erosion and sedimentation controls (Section 9.4.5).</li> <li>• Performance of excavation and backfill/restoration in a manner that will avoid a loss in flood storage capacity (Section 7.5).</li> <li>• Restoration of disturbed vegetation and, if necessary, the natural pool at Parcel I6-1-106 (Section 9.5.5).</li> </ul>

ARAR	Associated Project Components	Means by Which ARAR Will Be Addressed
Clean Water Act § 404 Requirements [33 USC 1344; 33 CFR Parts 320-323; 40 CFR 230]	<ul style="list-style-type: none"> <li>• Soil removal</li> </ul>	<ul style="list-style-type: none"> <li>• No practical alternative with less adverse impact on the aquatic ecosystem.</li> <li>• Implementation of measures to minimize adverse impact on wetlands and land under water.</li> <li>• Implementation of erosion and sedimentation controls (Section 9.4.5).</li> <li>• Performance of excavation and backfill/restoration in a manner that will avoid a loss in flood storage capacity (Section 7.5).</li> <li>• Restoration of disturbed vegetation and, if necessary, the natural pool at Parcel I6-1-106 (Section 9.5.5).</li> <li>• See below regarding potential impacts on threatened or endangered species.</li> </ul>

In addition to the ARARs listed above, EPA has advised GE that EPA and the State of Massachusetts have identified the occurrence of the wood turtle (*Clemmys insculpta*), a State-listed species of special concern, in the area of the Phase 4 floodplain properties; and it has therefore directed GE to include in this section a citation to the Massachusetts Endangered Species Act and Regulations, even though they are not listed as ARARs in the tables in Attachment B to the SOW. In response, GE lists the following:

Relevant Provisions	Associated Project Components	Means by Which Provisions Will Be Addressed
Massachusetts Endangered Species Act and Regulations [MGL c. 131A; 321 CMR 10.00]	<ul style="list-style-type: none"> <li>• Soil removal</li> <li>• Removal of vegetation</li> </ul>	<ul style="list-style-type: none"> <li>• No practical alternative with less potential adverse impact on wood turtle (species of special concern).</li> <li>• Implementation of mitigative measures to minimize potential adverse impacts on wood turtle. These measures will be specified in Supplemental Information Package.</li> </ul>

In addition to the requirements specified above, if any historic or prehistoric artifacts or sites or if any threatened or endangered species are identified in the Phase 4 floodplain properties during the course of the remediation work, GE will notify EPA and discuss with EPA the need for and scope of additional actions, if any, regarding such resources.