



GE  
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Pittsfield, MA 01201  
USA

*Transmitted Via Overnight Delivery*

September 6, 2006

Ms. Sharon M. Hayes  
GE Facility Project Manager  
United States Environmental Protection Agency  
One Congress Street, Suite 1100  
Boston, MA 02114-2023

**Re: GE-Pittsfield/Housatonic River Site  
40s Complex (GEC120)  
Temporary Stockpile Construction – As-Built Topographic Survey**

Dear Ms. Hayes:

The General Electric Company (GE) has prepared this letter to document the final subgrade elevations of the temporary stockpile recently constructed in the western portion of the 40s Complex at GE's Pittsfield facility and to seek U.S. Environmental Protection Agency (EPA) concurrence that the final subgrade elevations are consistent with those specified in Attachment E of the document titled *Supplemental Building Material Characterization Report – Buildings 42, 43/43-A, 44* (Supplemental Building Characterization Report), provided to EPA in a July 6, 2005 letter from GE. That document was conditionally approved by EPA in a letter to GE dated August 18, 2005, and Attachment E was subsequently incorporated into the Fourth Modification of Consent Decree, dated June 2006 and approved by the Court on June 23, 2006. Since that time, GE completed construction of the crushed demolition debris stockpile and performed an as-built topographic survey of the final subgrade elevations. At EPA's request, GE is providing the enclosed as-built topographic survey (dated August 2006) to verify that the final subgrade elevations of the temporary stockpile are consistent with the design criteria specified in Attachment E of the Supplemental Building Characterization Report. Additional information regarding the final subgrade elevations, followed by a schedule to complete final site restoration and landscaping activities and subsequently initiate the required post-construction inspection activities, is presented below.

#### **As-Built Topographic Survey Analysis**

A review of the enclosed as-built survey produced the following observations:

- The constructed temporary stockpile occupies a total footprint area of approximately 93,200 square feet (sf), which is less than the total footprint area of the maximum "build-out" limits specified in Attachment E of the Supplemental Building Characterization Report (which amount to 95,400 sf).
- The peak elevation of the constructed temporary stockpile is 1,018.7 feet (ft), which is less than the peak design elevation specified in Attachment E of the Supplemental Building Characterization Report (i.e., 1,019 sf).

- The total air space volume occupied by the temporary stockpile (subgrade only) is approximately 15,000 cubic yards (cy), which is less than the total air space volume allowed within the maximum "build-out" limits specified in Attachment E of the Supplemental Building Characterization Report (i.e., 16,225 cy; subgrade only).
- The predominant side-slope gradient of the constructed temporary stockpile ranges between 15% and 25%, which is consistent with the designed side slope gradient specified in Attachment E of the Supplemental Building Characterization Report (i.e., 25%).
- The predominant plateau gradient of the constructed temporary stockpile averages 1%, which is also consistent with the designed plateau gradient specified in Attachment E of the Supplemental Building Characterization Report (i.e., 1%).

Please note that the final as-built topographic features of the temporary stockpile will vary slightly from those summarized above, as Attachment E of the Supplemental Building Characterization Report also requires the placement of an additional 4 inches of vegetative cover material (approximately 1,000 to 1,200 cy) on top of the existing 15,000 cy of crushed demolition debris. However, the final subgrade elevations indicate that, following placement of the vegetative cover material, the final as-built topographic features will still meet the design criteria specified in Attachment E of the Supplemental Building Characterization Report.

#### **Schedule**

Following EPA concurrence that the final subgrade elevations are consistent with the specified design criteria, GE will initiate final site restoration and landscaping activities (i.e., placement of vegetative cover and hydroseed, erosion control mat, riprap, and 2-inch stone) and will notify EPA once those activities are complete. Within 1 month after completion of final site restoration and landscaping activities, GE will initiate the post-construction inspection activities outlined in Attachment E of the Supplemental Building Characterization Report.

If you have any questions or require additional information, please feel free to contact me.

Sincerely,



Michael T. Carroll  
Manager, Pittsfield Remediation Programs

MPH/cmb  
Enclosure

cc: Dean Tagliaferro, EPA  
Tim Conway, EPA  
John Kilborn, EPA  
Holly Inglis, EPA  
Rose Howell, EPA  
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Anna Symington, MDEP  
Jane Rothchild, MDEP  
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Thomas Hickey, Director, PEDDA  
Mayor James Ruberto, City of Pittsfield  
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Teresa Bowers, Gradient  
Stephen Wilson, CHA  
Andrew Silber, GE  
Roderic McLaren, GE  
James Nuss, BBL  
James Bieke, Goodwin Procter  
Larry Kirsch, Goodwin Procter  
Samuel Gutter, Sidley Austin  
Public Information Repositories  
GE Internal Repository

***Figure***

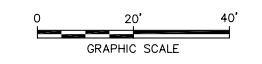
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**NOTE:**  
MAPPING BASED ON A FIELD SURVEY CONDUCTED BY  
BERKSHIRE ENGINEERING, INC., DATED AUGUST 17, 2006.

**LEGEND:**  
- - - - - AS-BUILT CONTOURS  
[Gray Shaded Area] TEMPORARY STOCKPILE MATERIAL



GENERAL ELECTRIC COMPANY PITTSFIELD, MASSACHUSETTS <b>40s COMPLEX</b>	
<b>40s COMPLEX STOCKPILE AS-BUILT</b>	
 an ARCADIS company	FIGURE <b>1</b>