



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

Transmitted via Federal Express

January 15, 2001

Dean Tagliaferro
On Scene Coordinator
U.S. Environmental Protection Agency
c/o Weston
One Lyman Street
Pittsfield, Massachusetts 01201

**Re: GE-Pittsfield/Housatonic River Site
Upper ½-Mile Reach Removal Action (GECD800)
Revised Contingency Plan for NAPL Remaining in Cell G2**

Dear Mr. Tagliaferro:

On December 19, 2000, the General Electric Company (GE) submitted a Contingency Plan for non-aqueous phase liquid (NAPL) remaining in Cell G2 to the United States Environmental Protection Agency (EPA). This submittal presented a contingency plan to install a NAPL observation/collection and impermeable cap system in the event that NAPL or NAPL-impacted sediments remained following excavation activities. Excavation activities were performed in Cell G2 between January 3, and January 9, 2001 and NAPL was encountered in the excavation about mid-way along the containment barrier. Although GE extended the excavation horizontally into the Cell G2 approximately 25 feet beyond the barrier sheetpile, and excavated up to 2 feet deeper than the maximum proposed excavation elevation of 965 feet (AMSL), the NAPL and NAPL-impacted sediments were not completely removed. As a result, the contingency plan will be implemented. However, due to conditions observed during the excavation, the extent of additional excavation, and the location of remaining NAPL, the construction of the proposed system will be modified. Figure 1 provides the modified conceptual design for the NAPL observation/recovery well and impermeable cap system. The proposed horizontal extent of the geomembrane has been located by the surveyors and is shown on the revised Cell G2 survey drawing.

The primary modifications include installing the collection well at an angle to the low point of the NAPL excavation area, filling the entire NAPL excavation area with gravel, and constructing the geomembrane layer at elevation 967 feet (see Figure 1). To accommodate this new configuration, the observation/recovery well will include a one-foot sump and a five-foot length of 0.090-slotted screen. Isolation layer material will be placed above the geomembrane and the remainder of the area will be restored in accordance with the provisions set forth in the Upper ½-Mile Reach Removal Action Work Plan (BBL, August 1999).

Please call with any questions or comments.

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Very truly yours,

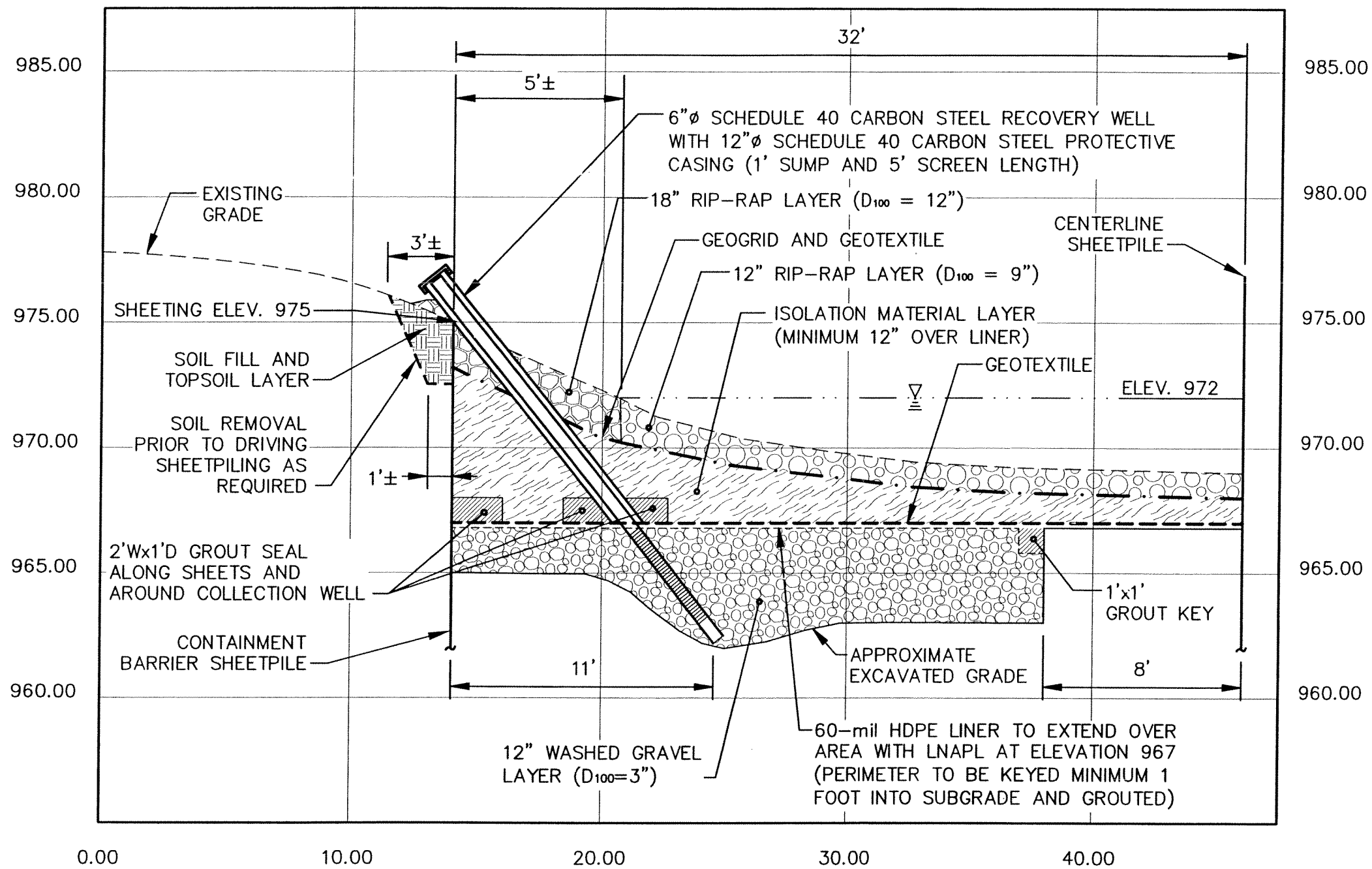
BY:.....

Andrew T. Silfer/mg

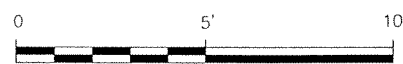
Andrew T. Silfer
GE Project Coordinator

Enclosure

cc: M. Barash, DOI
R. Bell, MDEP
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M. Carroll, GE
T. Conway, EPA
J.L. Cutler, MDEP (2 copies)
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C. Fredette, CDEP
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Public Information Repositories
GE Internal Repositories



SECTION C-C'



SCALE: HORIZ. 1"=5'
VERT. 1"=5'

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS
REMOVAL ACTION
UPPER 1/2-MILE REACH OF HOUSATONIC RIVER
MODIFIED RESTORATION
CROSS-SECTION C-C'
(NAPL CONTINGENCY)